LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017522.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.369	211	218	224	rVV	1235031	1682506	13.93%	0.485%
2	5.805	455	462	467	rBV	879886	1490639	12.34%	0.430%
3	6.199	524	529	540	rVB	1920342	2860274	23.68%	0.825%
4	6.681	599	611	617	rBV	603612	1067155	8.83%	0.308%
5	6.934	647	654	660	rBV	641332	1235680	10.23%	0.356%
6	7.010	660	667	673	rBV2	761432	1847767	15.29%	0.533%
7	7.122	680	686	692	rBV2	1386104	2322632	19.23%	0.670%
8	7.187	692	697	704	rVB	2772915	4332824	35.86%	1.250%
9	7.281	704	713	718	rVB	591965	968758	8.02%	0.279%
10	7.816	798	804	810	rVB3	438786	1003027	8.30%	0.289%
11	7.934	811	824	829	rBV5	1569671	3514899	29.09%	1.014%
12	8.004	829	836	849	rVB3	1418915	3245185	26.86%	0.936%
13	8.234	866	875	880	rBV4	1147505	2782886	23.04%	0.803%
14	8.299	880	886	893	rVB3	2014403	4389104	36.33%	1.266%
15	8.363	893	897	901	rBV	764113	1207817	10.00%	0.348%
16	8.628	932	942	951	rBV7	454960	1743829	14.43%	0.503%
17	8.899	984	988	993	rVB	627680	948618	7.85%	0.274%
18	8.975	993	1001	1006	rBV	2868448	5144181	42.58%	1.484%
19	9.022	1006	1009	1013	rBV3	720175	961176	7.96%	0.277%
20	9.075	1013	1018	1021	rBV4	894588	1603203	13.27%	0.462%
21	9.151	1027	1031	1037	rVB3	1024615	2381056	19.71%	0.687%
22	9.216	1037	1042	1045	rBV	884322	1318320	10.91%	0.380%
23	9.610	1101	1109	1115	rVB4	1501583	3098404	25.65%	0.894%
24	9.734	1125	1130	1136	rVB4	629538	1170286	9.69%	0.338%
25	9.804	1136	1142	1146	rBV	1738540	2999196	24.83%	0.865%
26	9.869	1146	1153	1156	rBV3	573114	1141804	9.45%	0.329%
27	9.981	1166	1172	1175	rBV3	1281854	2384906	19.74%	0.688%
28	10.016	1175	1178	1185	rVB3	1639364	2916046	24.14%	0.841%
29	10.134	1189	1198	1203	rBV5	1767798	4860935	40.24%	1.402%
30	10.181	1203	1206	1210	rBV2	783085	1252363	10.37%	0.361%
31	10.334	1224	1232	1238	rBV3	4479382	10802211	89.41%	3.116%
32	10.398	1238	1243	1245	rBV	4562297	7708276	63.80%	2.223%
33	10.451	1250	1252	1257	rVB	2100616	2743329	22.71%	0.791%
34	10.534	1261	1266	1270	rVB	4347263	6081458	50.34%	1.754%
35	10.598	1270	1277	1279	rBV7	572497	1249156	10.34%	0.360%
36	10.810	1301	1313	1319	rVV6	4033211	10898819	90.21%	3.144%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

37	10.863	1319	1322	1330	rVB6	755373	1600714	13.25%	0.462%
38	11.057	1341	1355	1361	rBV7	1434514	5464836	45.23%	1.576%
39	11.157	1362	1372	1375	rBV7	933149	2717665	22.50%	0.784%
40	11.398	1407	1413	1421	rVB4	4932416	10521570	87.09%	3.035%
41	11.610	1441	1449	1451	rVV3	645644	1508164	12.48%	0.435%
42	11.663	1453	1458	1461	rVV4	1107241	2467296	20.42%	0.712%
43	11.698	1462	1464	1469	rVB3	1157006	1697893	14.05%	0.490%
44	11.775	1470	1477	1480	rBV5	893321	1824952	15.11%	0.526%
45	11.957	1504	1508	1519	rVB4	3388726	8235345	68.17%	2.375%
46	12.069	1522	1527	1533	rVV2	1533021	3284907	27.19%	0.948%
47	12.145	1537	1540	1544	rVV	673536	977797	8.09%	0.282%
48	12.210	1545	1551	1557	rVB4	1094947	2433295	20.14%	0.702%
49	12.316	1564	1569	1571	rBV3	1071428	1914015	15.84%	0.552%
50	12.428	1582	1588	1598	rBV4	1800984	4924347	40.76%	1.420%
51	12.540	1600	1607	1612	rBV2	3591487	7456413	61.72%	2.151%
52	12.587	1612	1615	1617	rVV2	873637	1228054	10.17%	0.354%
53	12.628	1617	1622	1626	rVV	5007590	7828503	64.80%	2.258%
54	12.681	1626	1631	1642	rVB3	3946799	12081115	100.00%	3.485%
55	12.834	1642	1657	1661	rBV4	3779046	10463052	86.61%	3.018%
56	12.981	1670	1682	1685	rBV7	1377460	3984387	32.98%	1.149%
57	13.028	1685	1690	1693	rBV	2110114	3028771	25.07%	0.874%
58	13.087	1693	1700	1701	rBV3	1774749	3064483	25.37%	0.884%
59	13.151	1707	1711	1713	rBV3	915503	1418131	11.74%	0.409%
60	13.263	1721	1730	1734	rVB5	1348752	3950119	32.70%	1.139%
61	13.316	1734	1739	1744	rBV2	3379207	5110700	42.30%	1.474%
62	13.534	1773	1776	1780	rBV5	596507	1074169	8.89%	0.310%
63	13.716	1802	1807	1811	rBV2	2374013	3755743	31.09%	1.083%
64	13.963	1839	1849	1852	rBV5	4718301	10951180	90.65%	3.159%
65	13.992	1852	1854	1861	rVV4	3930476	6464729	53.51%	1.865%
66	14.063	1861	1866	1871	rVB	3394838	5795184	47.97%	1.672%
67	14.128	1872	1877	1880	rBV4	1564781	2841682	23.52%	0.820%
68	14.187	1885	1887	1893	rVB5	998563	1405746	11.64%	0.405%
69	14.275	1898	1902	1908	rBV2	1798832	2863719	23.70%	0.826%
70	14.345	1908	1914	1918	rBV	4674884	7515307	62.21%	2.168%
71	14.381	1918	1920	1925	rVB2	1728096	2343015	19.39%	0.676%
72	14.434	1925	1929	1931	rBV3	1148595	1812395	15.00%	0.523%
73	14.575	1948	1953	1960	rVB2	3675131	6605456	54.68%	1.905%
74	14.645	1960	1965	1975	rVV4	2269057	4961672	41.07%	1.431%
75	14.728	1976	1979	1983	rVB3	1044741	1416297	11.72%	0.409%
76	14.816	1990	1994	1998	rBV5	1617995	2499589	20.69%	0.721%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

77	14.886	2002	2006	2013	rVB3	1686836	2817296	23.32%	0.813%
78	15.022	2027	2029	2036	rVB5	611403	1010792	8.37%	0.292%
79	15.086	2036	2040	2045	rVB4	948283	1635389	13.54%	0.472%
80	15.139	2046	2049	2053	rVB	943054	1273993	10.55%	0.367%
81	15.210	2053	2061	2063	rBV8	1413568	3325815	27.53%	0.959%
82	15.245	2063	2067	2072	rVB4	2456545	3718700	30.78%	1.073%
83	15.292	2072	2075	2080	rVB3	1468978	1967183	16.28%	0.567%
84	15.375	2083	2089	2092	rBV3	4806282	8162344	67.56%	2.354%
85	15.545	2115	2118	2121	rVB3	977344	1236485	10.23%	0.357%
86	15.645	2130	2135	2141	rVB2	2529094	4828901	39.97%	1.393%
87	15.857	2167	2171	2177	rVB5	843238	1279571	10.59%	0.369%
88	16.092	2206	2211	2214	rBV2	2246916	3560349	29.47%	1.027%
89	16.233	2231	2235	2239	rVB2	1325823	1853301	15.34%	0.535%
90	16.498	2275	2280	2288	rBV4	1227234	2328748	19.28%	0.672%
91	16.680	2308	2311	2319	rVB4	1497302	3147839	26.06%	0.908%
92	16.839	2333	2338	2345	rBV3	2358474	4659394	38.57%	1.344%
93	17.428	2435	2438	2443	rVB	1351879	1924517	15.93%	0.555%
94	17.528	2451	2455	2460	rVB2	2137620	2985655	24.71%	0.861%
95	18.292	2581	2585	2593	rVB3	2054479	3113295	25.77%	0.898%
96	19.780	2833	2838	2843	rVB	3086838	3858457	31.94%	1.113%
97	21.210	3077	3081	3089	rVB	722961	947932	7.85%	0.273%
98	21.557	3136	3140	3146	rVB2	1471210	1961746	16.24%	0.566%
99	23.968	3542	3550	3560	rVB2	1955752	4142742	34.29%	1.195%
100	24.139	3573	3579	3588	rVB	985963	2089177	17.29%	0.603%

Sum of corrected areas: 346680753

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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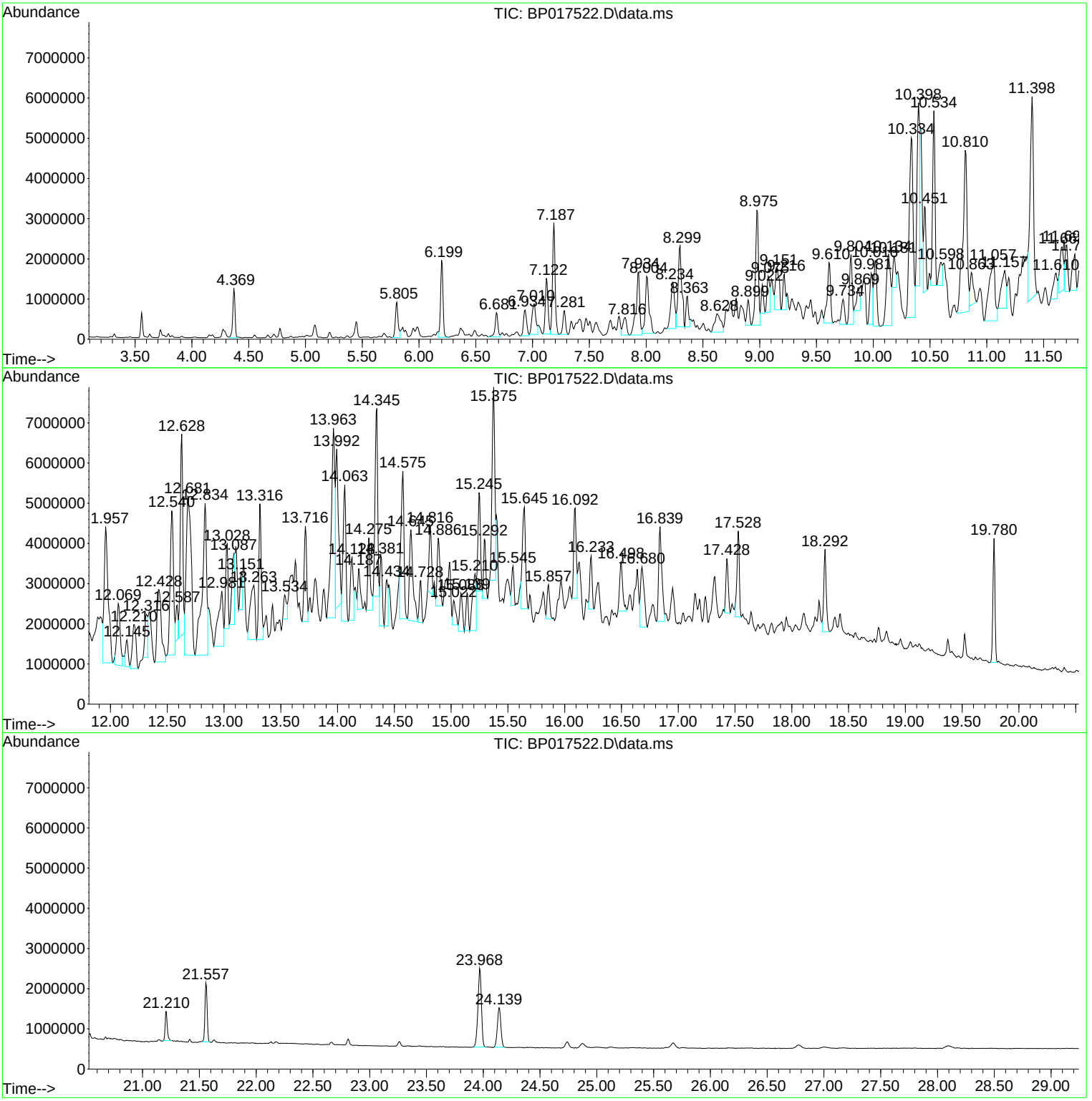
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
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Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

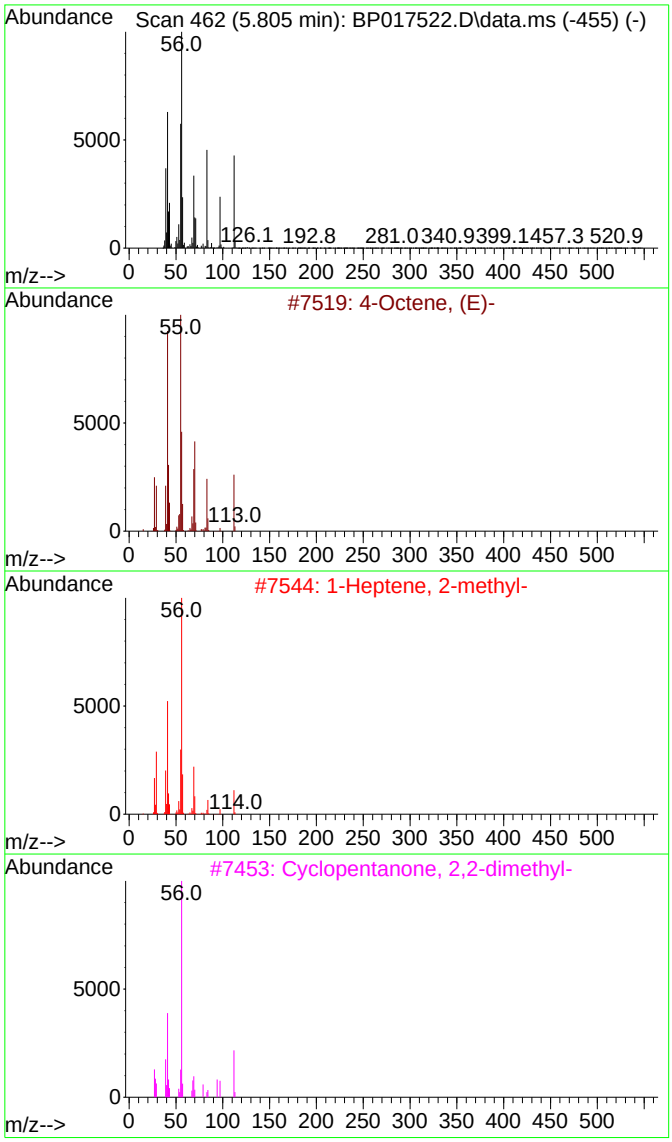
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

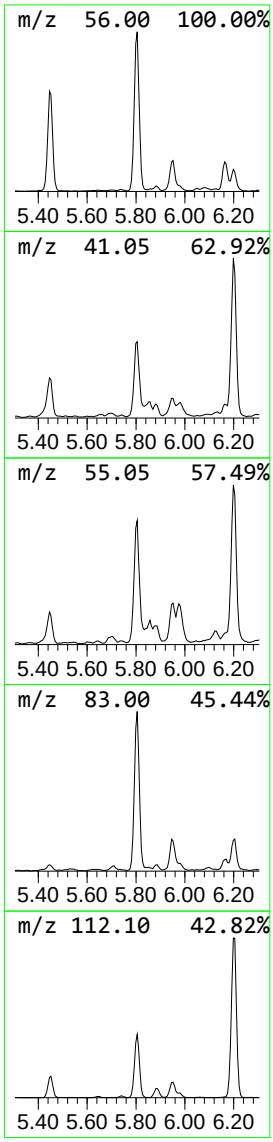
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.805	8.48 ng/ul	1490640	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, (E)-	112	C8H16	014850-23-8	53
2	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	53
3	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	50
4	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	47
5	2-Propanone, (1-methylethylidene...	112	C6H12N2	000627-70-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

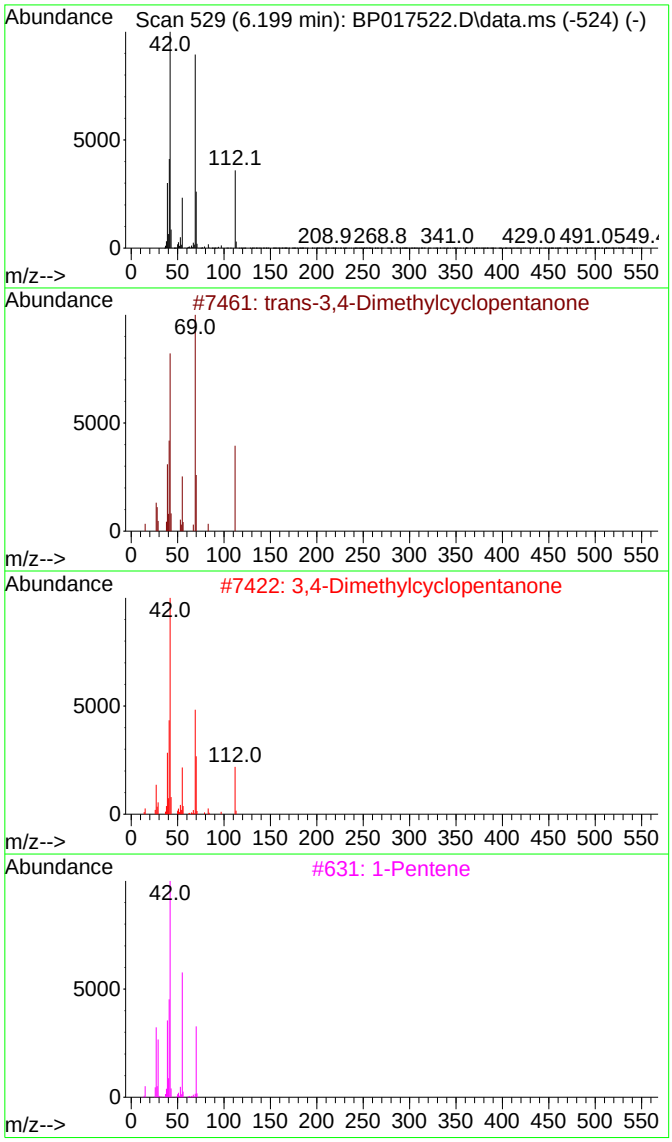
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

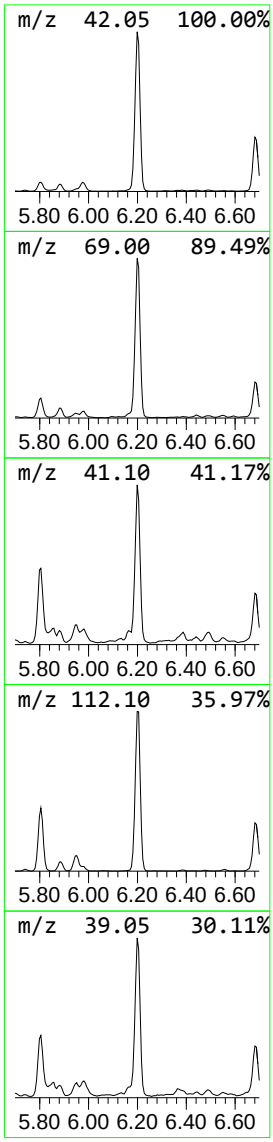
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 trans-3,4-Dimethylcyclopent... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.199	16.28 ng/ul	2860270	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	91
2	3,4-Dimethylcyclopentanone	112	C7H12O	058372-16-0	40
3	1-Pentene	70	C5H10	000109-67-1	38
4	Cyclopentane	70	C5H10	000287-92-3	38
5	1,3-Cyclohexanedione	112	C6H8O2	000504-02-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

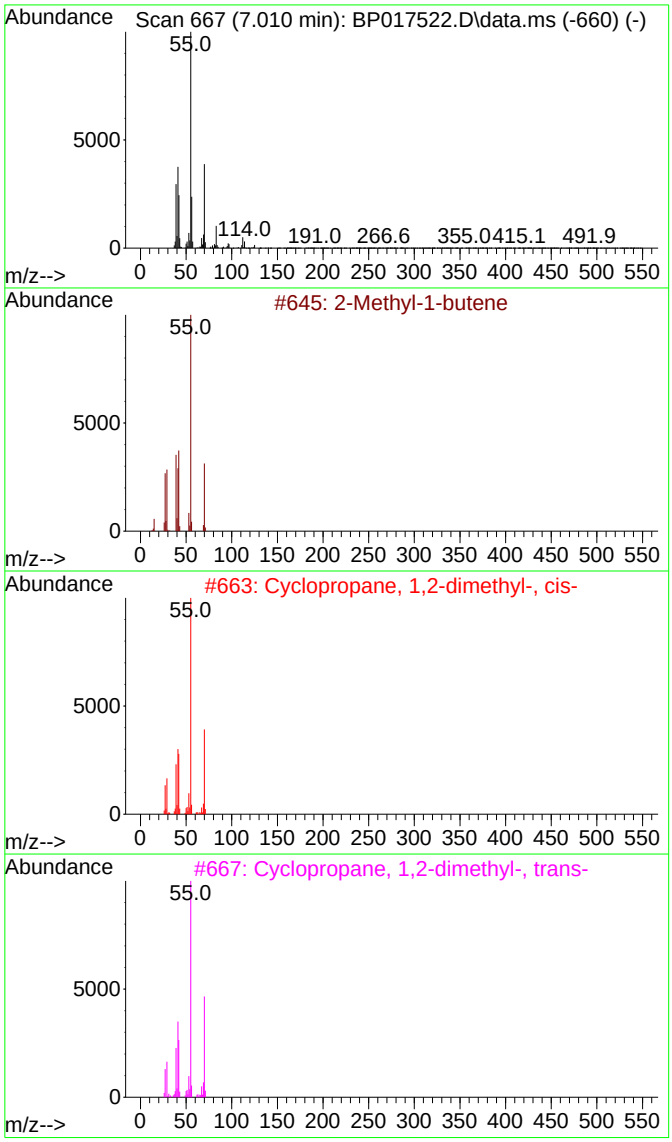
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

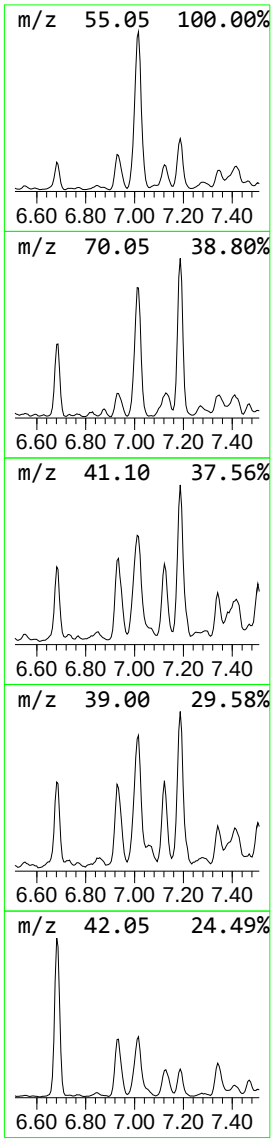
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	10.51 ng/ul	1847770	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	52
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	52
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	52
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	50
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

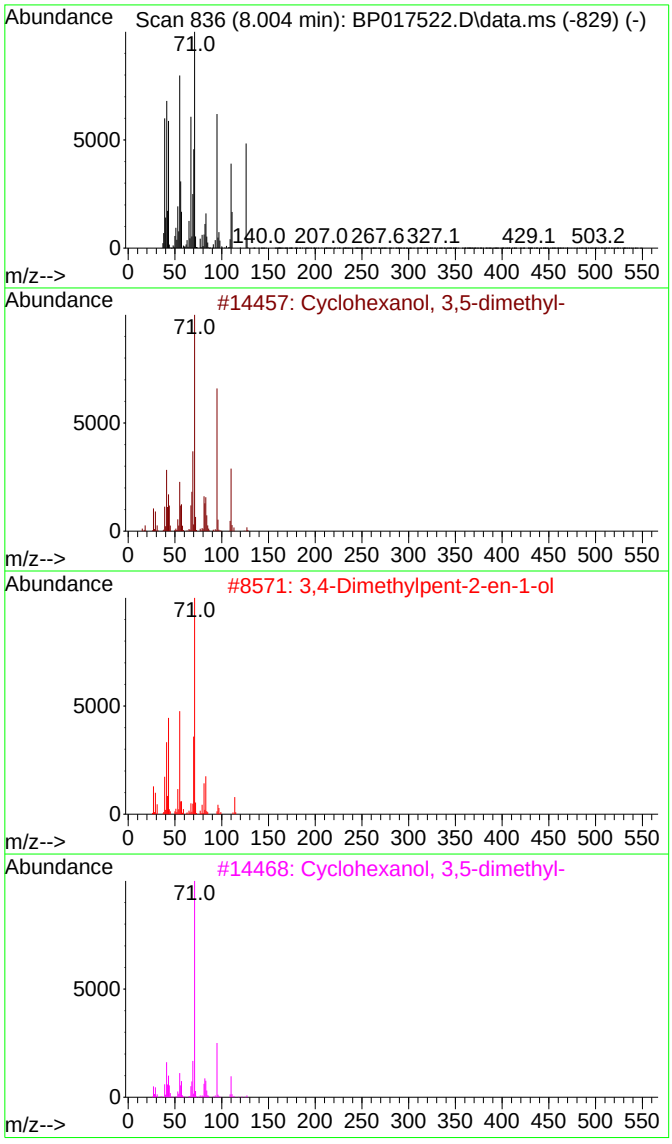
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

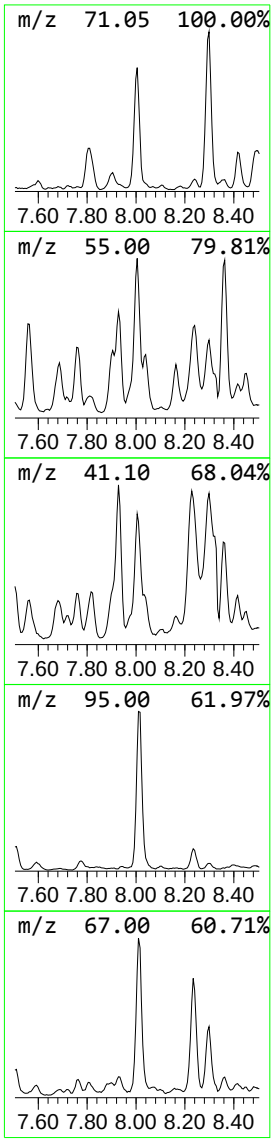
****

Peak Number 8 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.004	18.47 ng/ul	3245190	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	38
2	3,4-Dimethylpent-2-en-1-ol	114	C7H14O	1000195-06-9	35
3	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	35
4	3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	30
5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

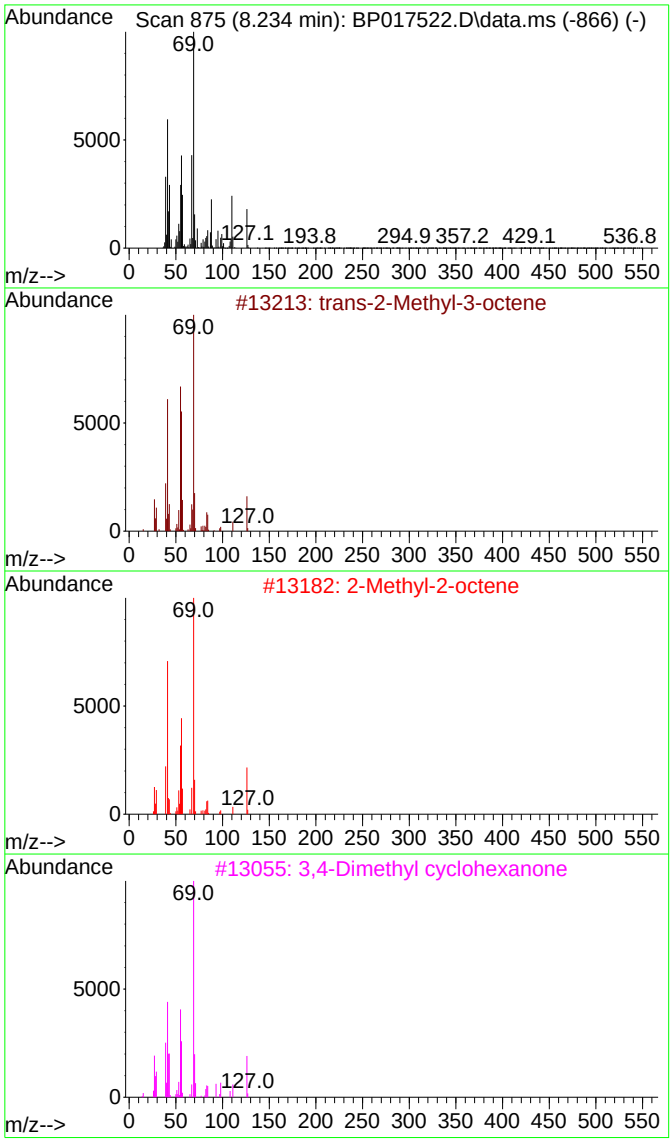
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

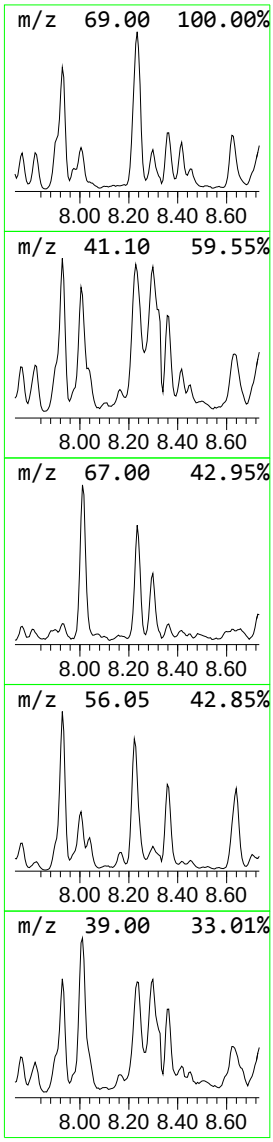
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	15.83 ng/ul	2782890	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	49
2	2-Methyl-2-octene	126	C9H18	016993-86-5	49
3	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	46
4	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	46
5	2-Methyl-2-octene	126	C9H18	016993-86-5	43





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

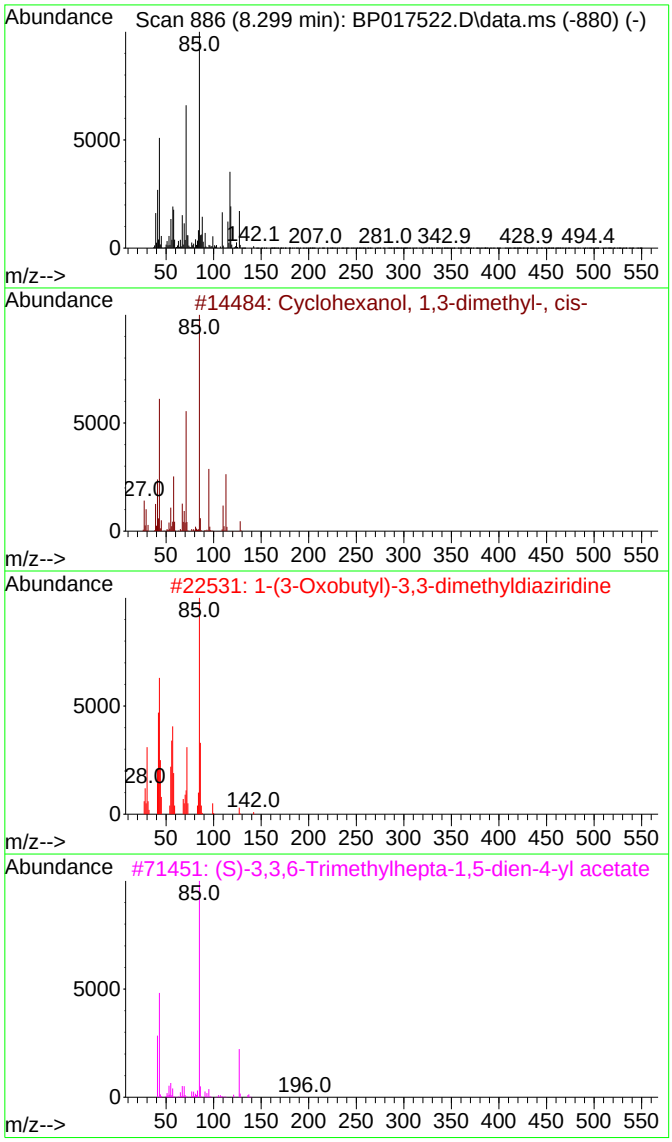
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

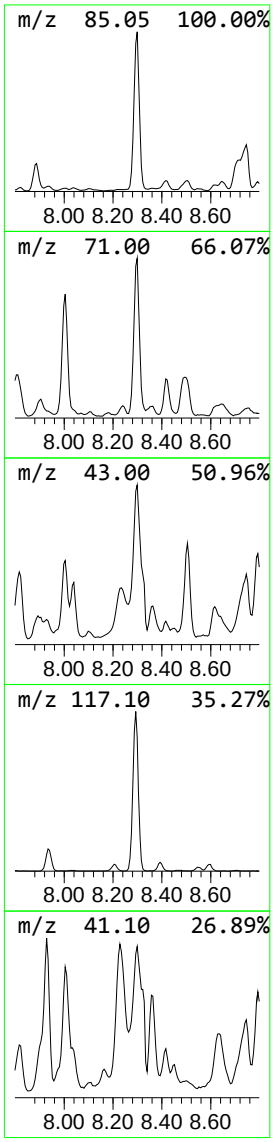
****

Peak Number 10 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.299	24.97 ng/ul	4389100	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	43
2	1-(3-Oxobutyl)-3,3-dimethyldiazi...	142	C7H14N2O	1000283-18-3	35
3	(S)-3,3,6-Trimethylhepta-1,5-die...	196	C12H20O2	003465-88-1	27
4	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	27
5	Thiazole	85	C3H3NS	000288-47-1	27





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

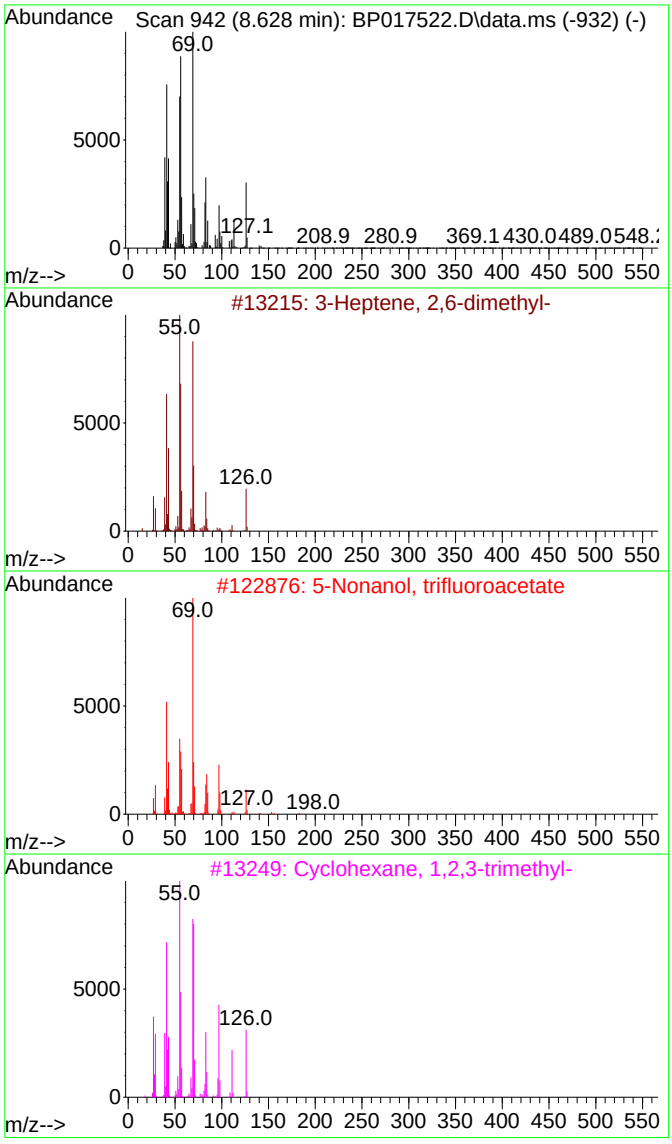
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

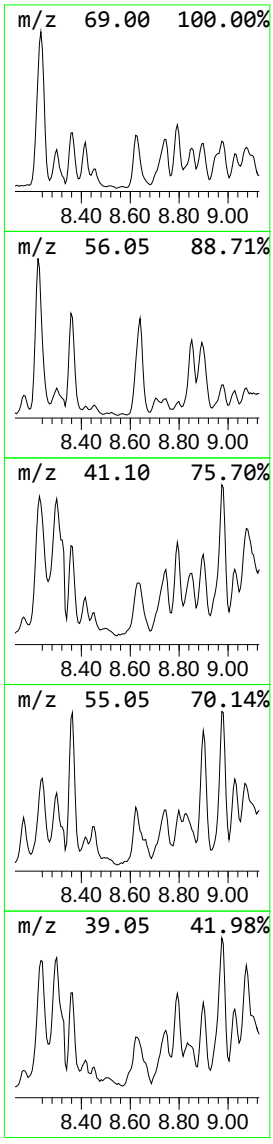
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	9.92 ng/ul	1743830	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52
2	5-Nonanol, trifluoroacetate	240	C11H19F3O2	1000463-48-1	50
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
4	1,3-Cyclopentanedione, 4-ethyl-	126	C7H10O2	057157-03-6	43
5	2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	43





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

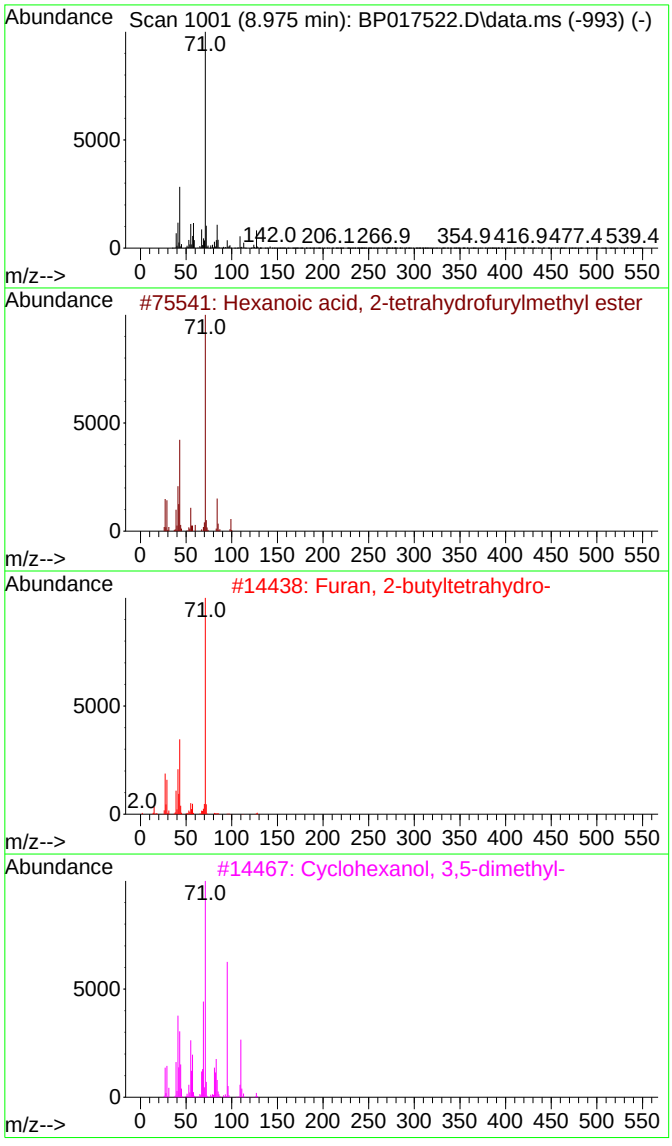
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

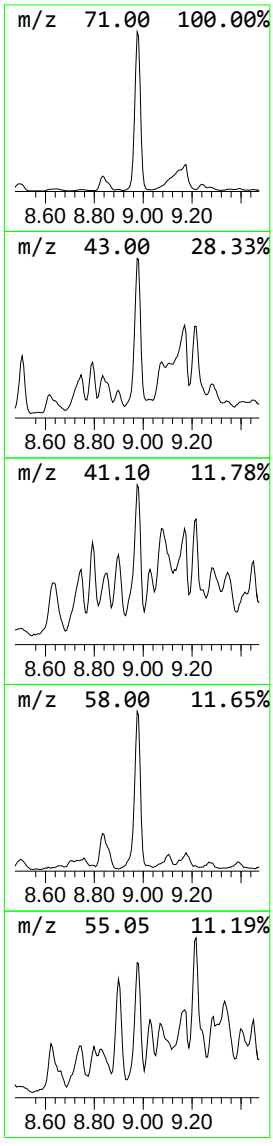
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexanoic acid, 2-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	29.27 ng/ul	5144180	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-tetrahydrofuryl...	200	C11H20O3	002217-34-7	53
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47
3	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	45
4	Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	45
5	2-Furanmethanol, tetrahydro-, ac...	144	C7H12O3	000637-64-9	42





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

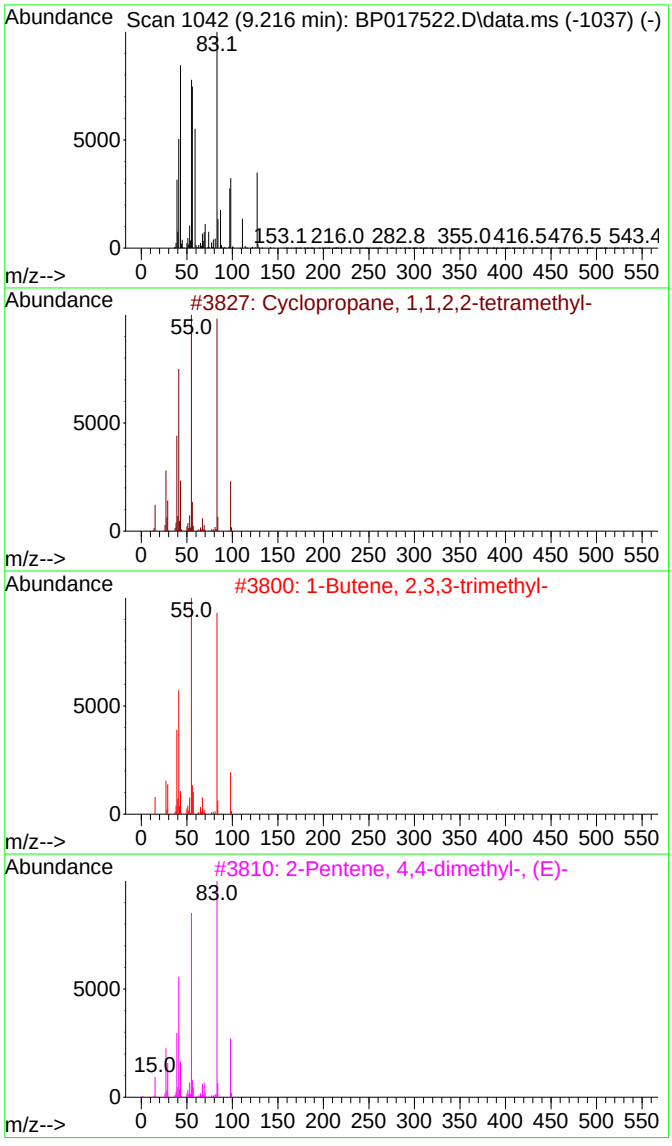
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

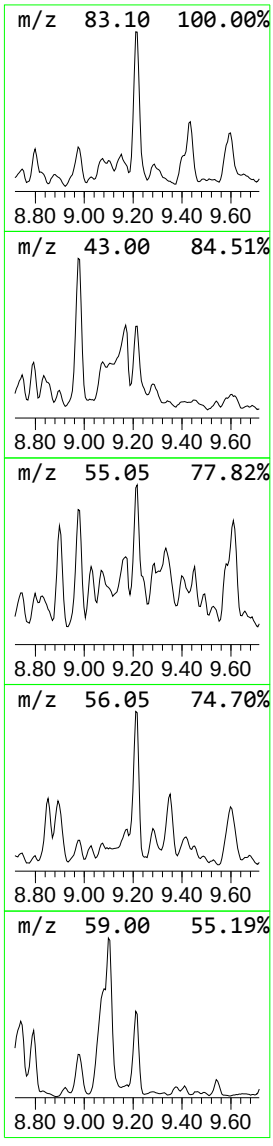
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.216 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	7.50 ng/ul	1318320	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	35
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	35
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	30
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	30
5	2-Heptene, (E)-	98	C7H14	014686-13-6	30





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Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

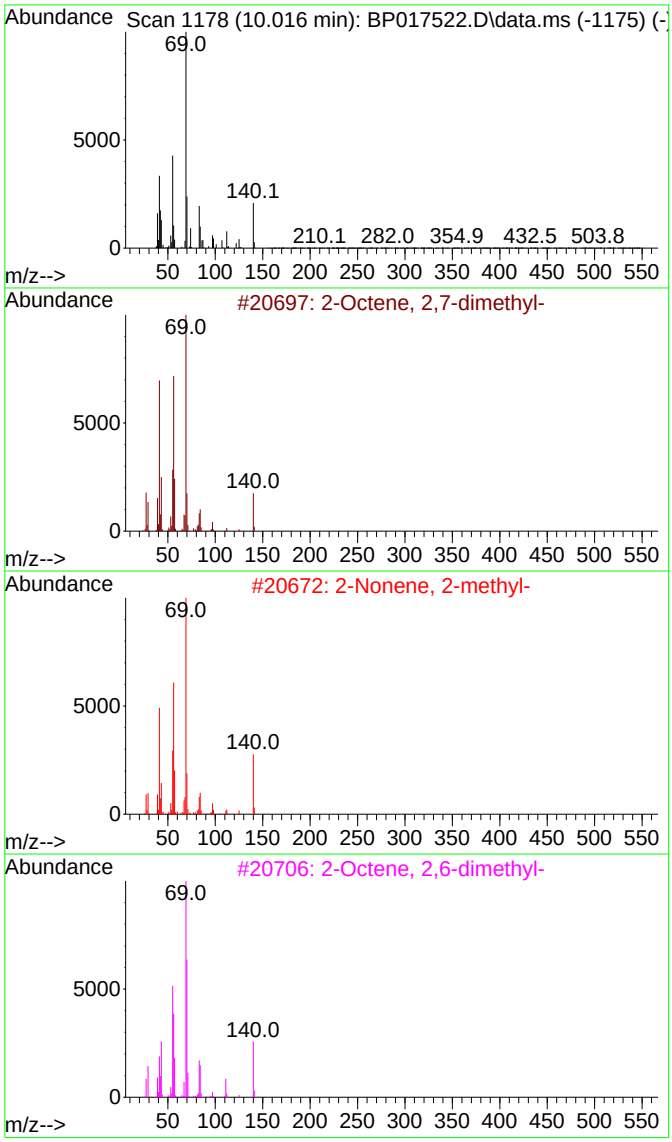
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

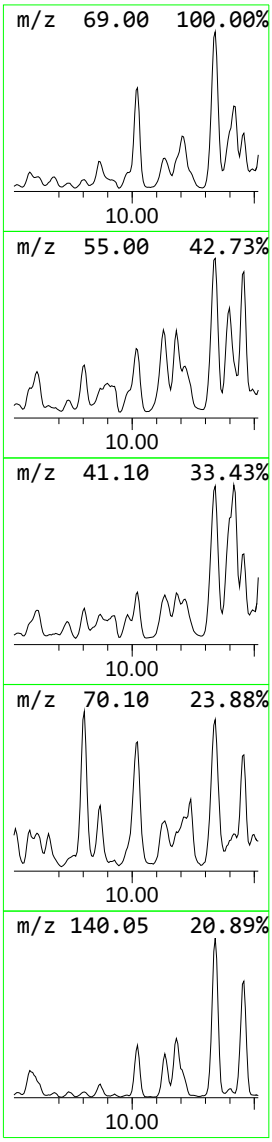
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	5.35 ng/ul	2916050	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,7-dimethyl-	140	C10H20	002050-81-9	64
2	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	59
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	53
5	4H-Pyran-4-one, 2-methoxy-6-methyl-	140	C7H8O3	004225-42-7	50





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

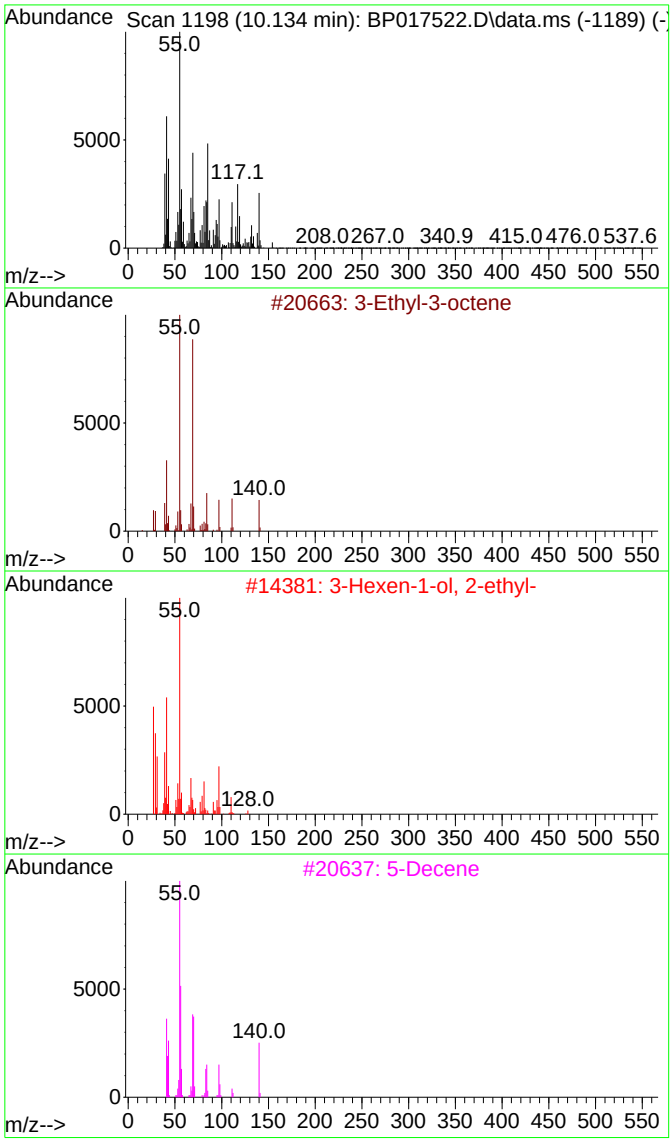
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

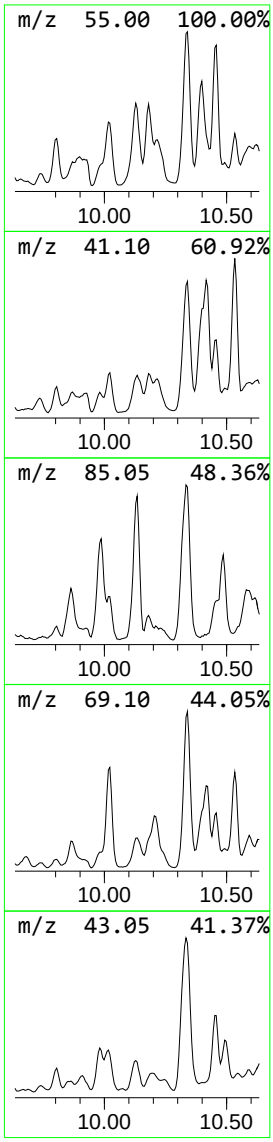
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	8.92 ng/ul	4860940	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-octene	140	C10H20	019781-31-8	30
2	3-Hexen-1-ol, 2-ethyl-	128	C8H16O	053907-73-6	25
3	5-Decene	140	C10H20	019689-19-1	22
4	2-Decene, (Z)-	140	C10H20	020348-51-0	22
5	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	16





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

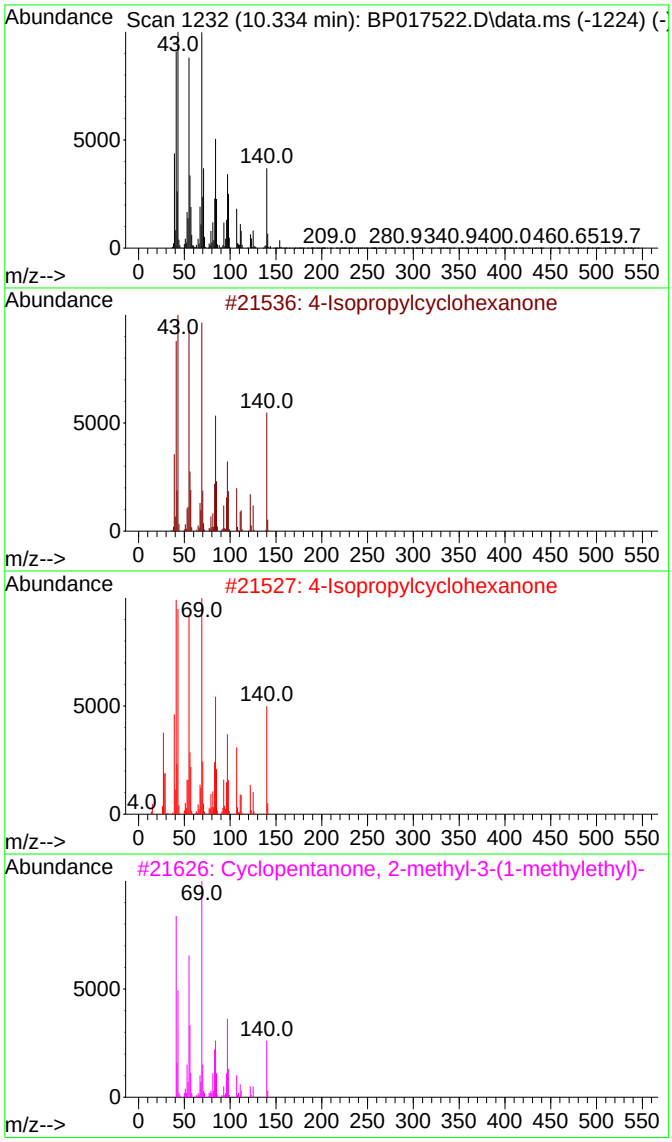
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

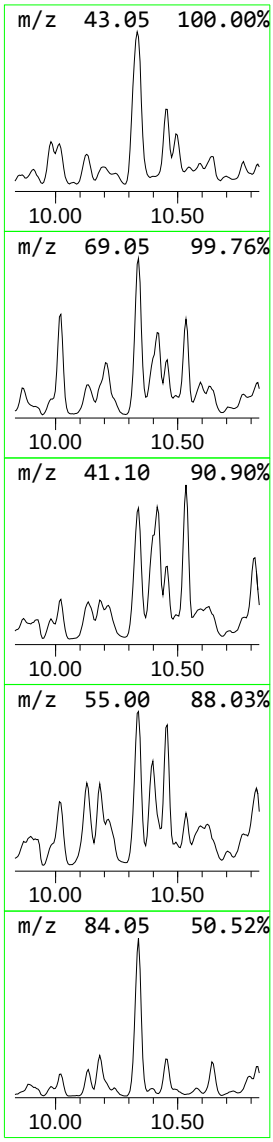
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 4-Isopropylcyclohexanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	19.82 ng/ul	10802200	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	93
2	4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	93
3	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	81
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	50
5	trans-3-Decene	140	C10H20	019150-21-1	49





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Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

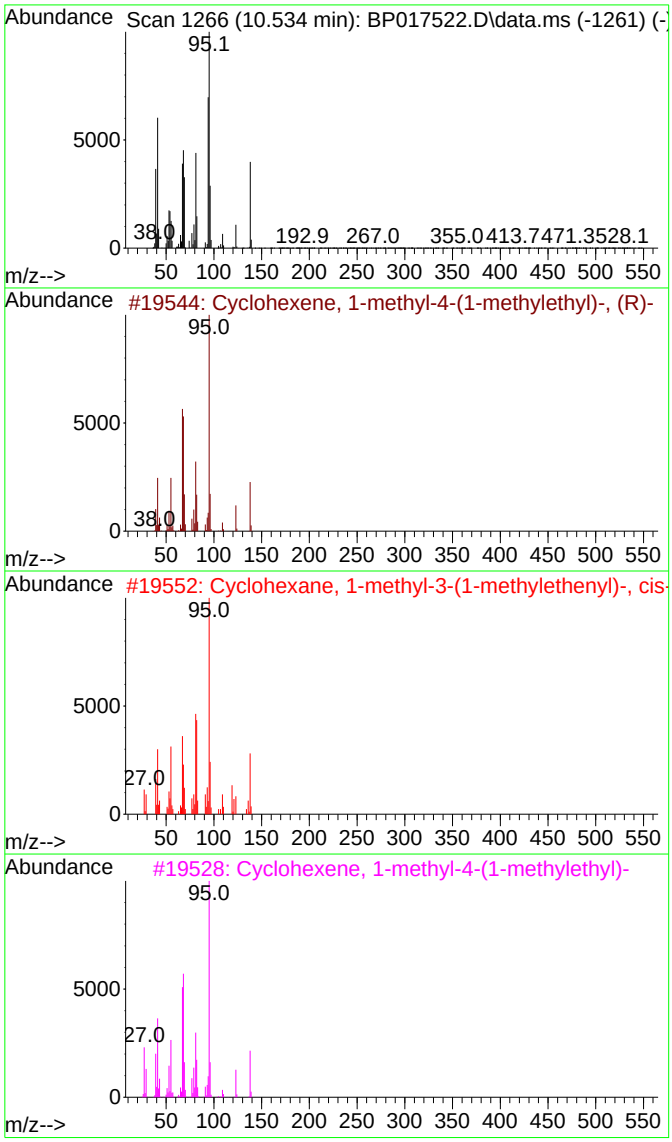
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

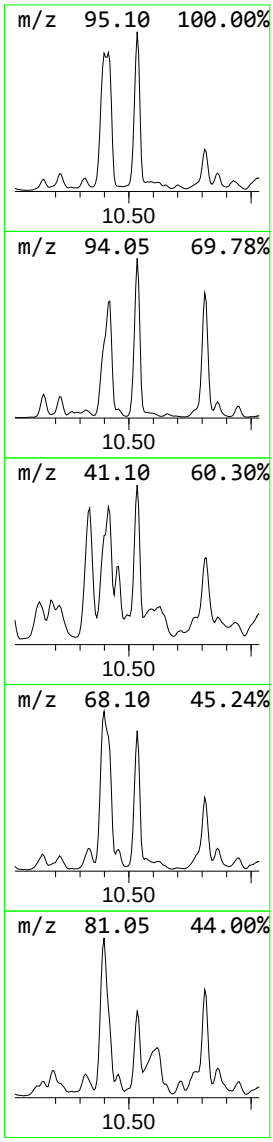
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.534	11.16 ng/ul	6081460	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	64
2	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	64
3	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	005502-88-5	59
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	58
5	2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	49





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Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

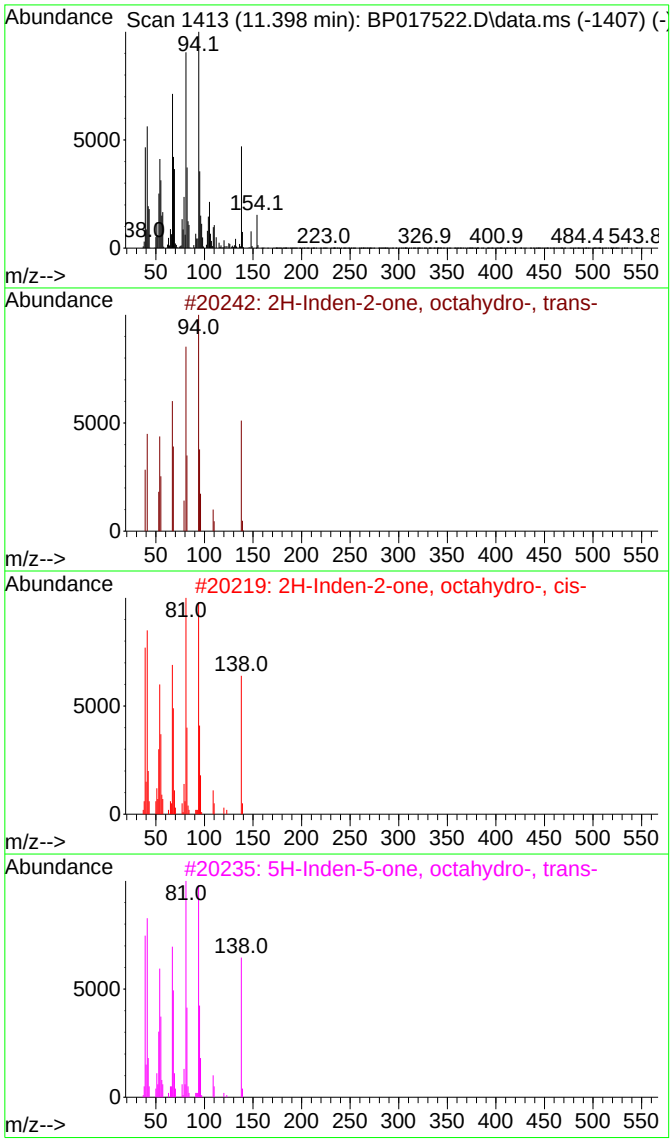
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

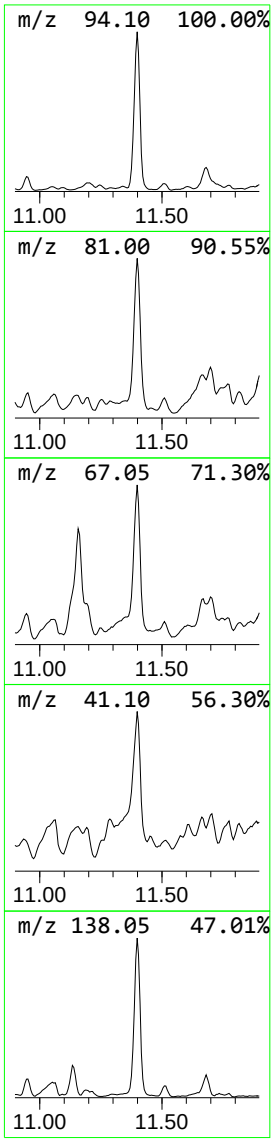
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 2H-Inden-2-one, octahydro-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.398	19.31 ng/ul	10521600	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	96
2	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	96
3	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	96
4	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	90
5	Bicyclo[3.3.1]nonan-2-one	138	C9H14O	002568-17-4	90





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ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

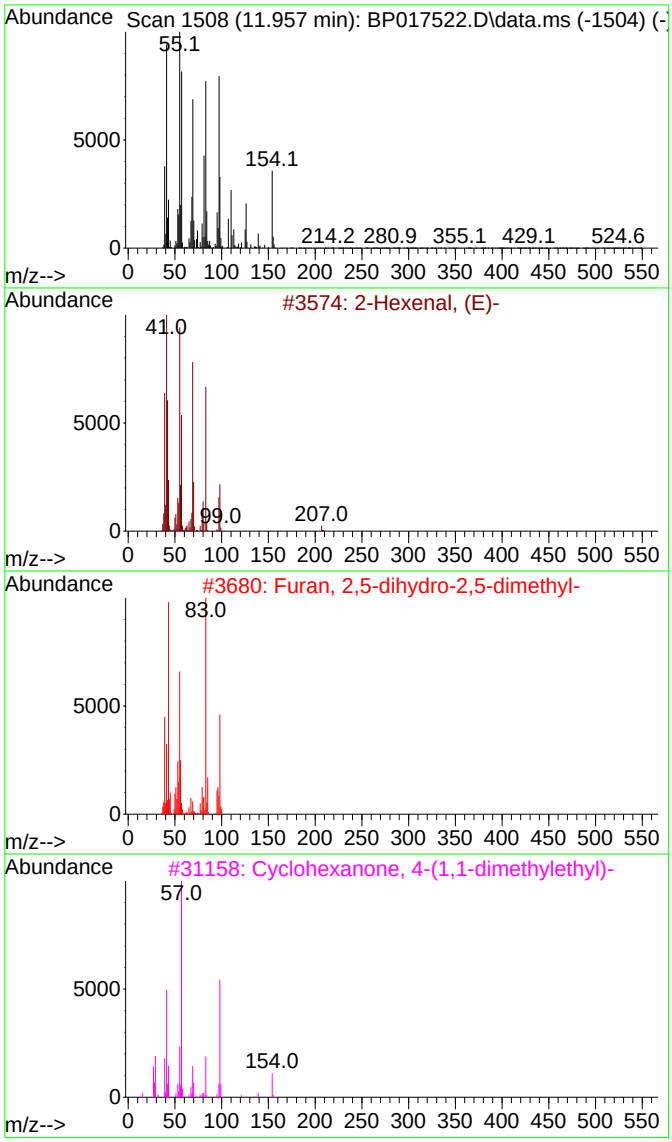
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

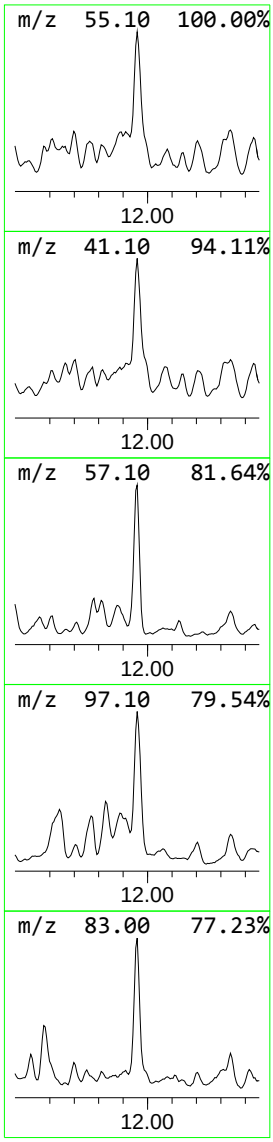
****

Peak Number 36 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	15.11 ng/ul	8235350	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	38
2	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	38
3	Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	35
4	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	30
5	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	30





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ALS Vial : 46 Sample Multiplier: 1

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ClientSampleId :
BBJM2

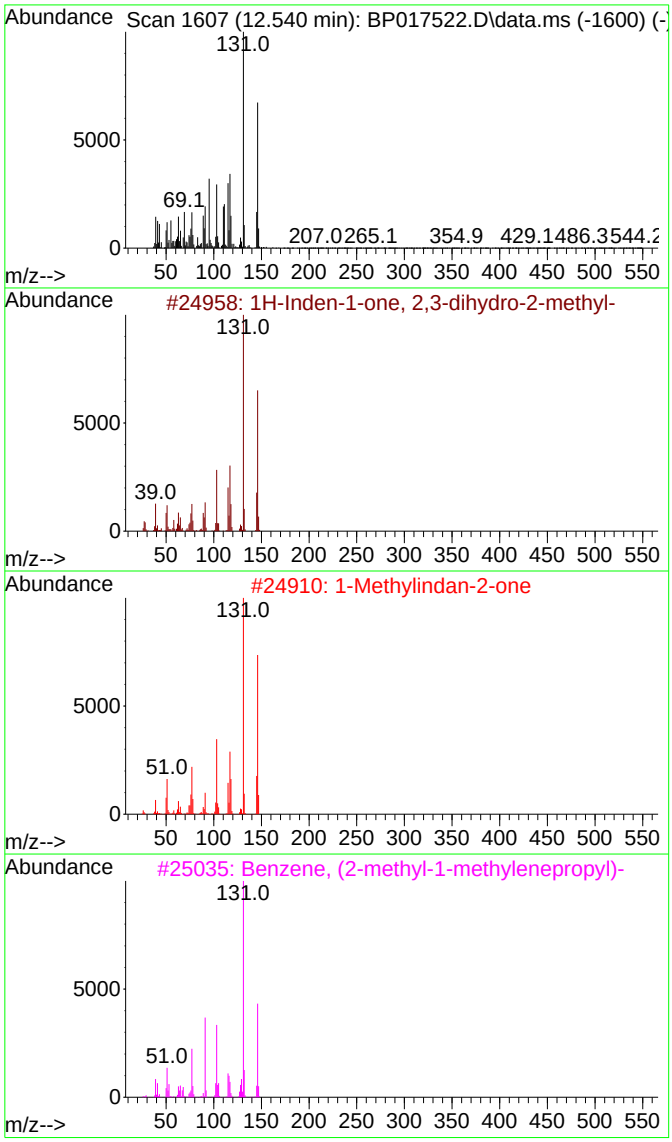
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

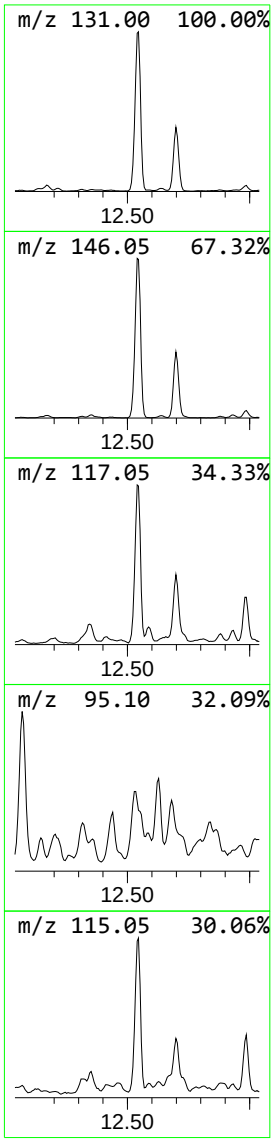
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.540	13.68 ng/ul	7456410	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	96
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	95
3	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	64
4	1-Phenyldodec-1-en-3-one	258	C18H26O	872268-56-9	58
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	53





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Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

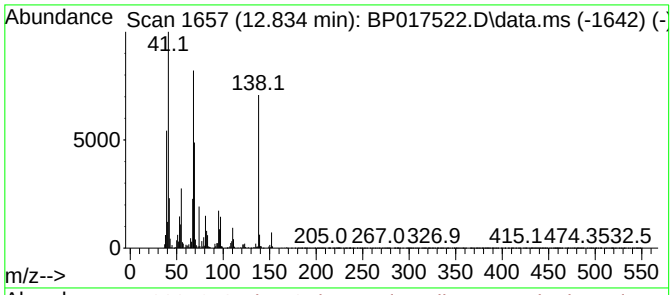
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

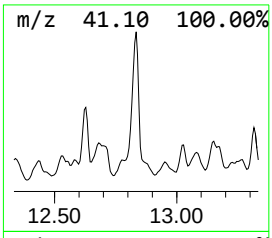
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

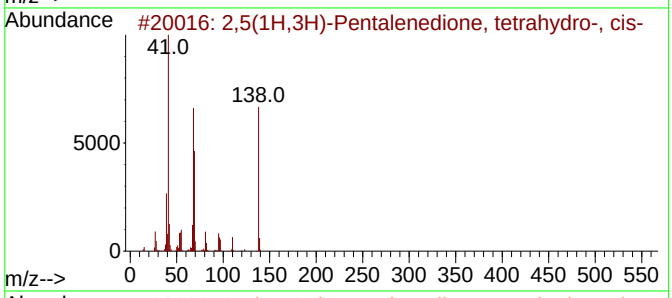
****
Peak Number 43 2,5(1H,3H)-Pentalenedione, ... Concentration Rank 3

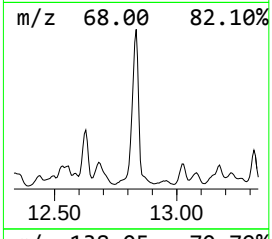
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.834	42.18 ng/ul	10463100	Acenaphthene-d10	14.639

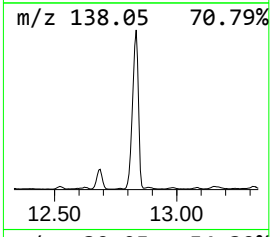
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5(1H,3H)-Pentalenedione, tetra...	138	C8H10O2	051716-63-3	53
2	2,5(1H,3H)-Pentalenedione, tetra...	138	C8H10O2	051716-63-3	52
3	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	38
4	2,5(1H,3H)-Pentalenedione, tetra...	138	C8H10O2	051716-63-3	25
5	cis,cis-2,7-Nonadiene	124	C9H16	036901-84-5	22

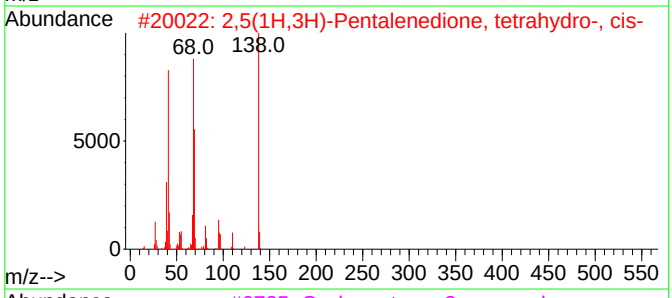


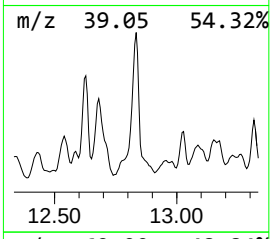


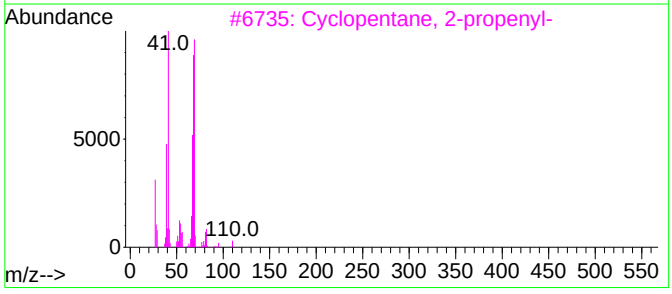


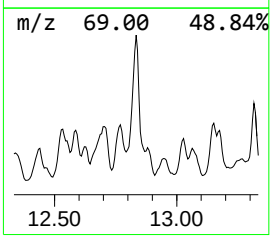












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

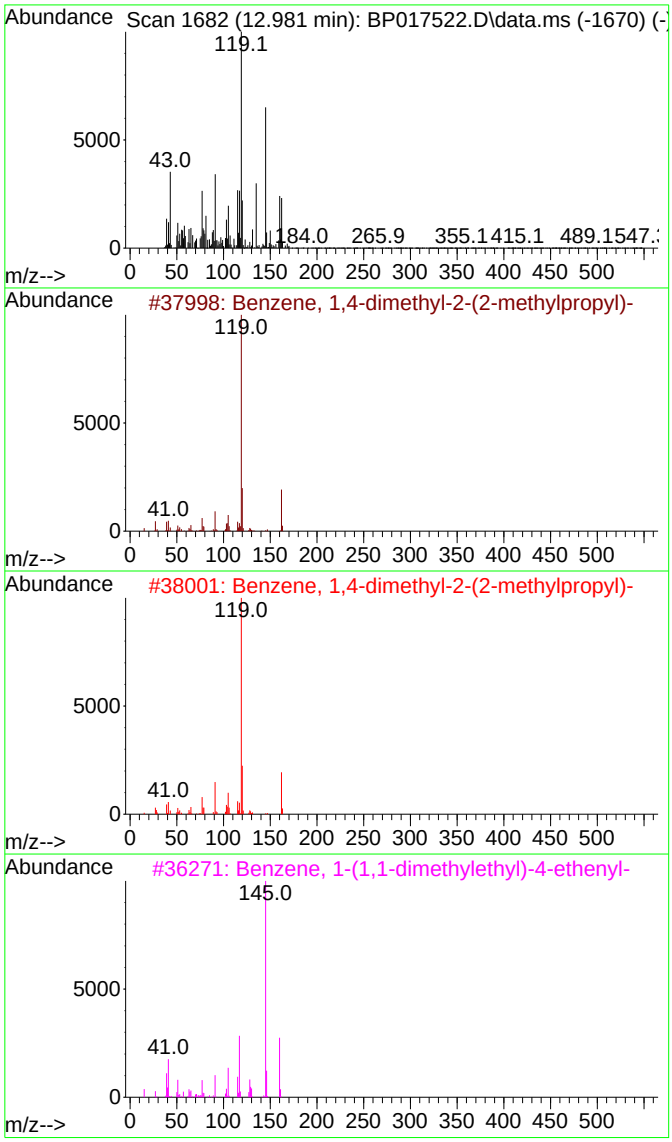
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

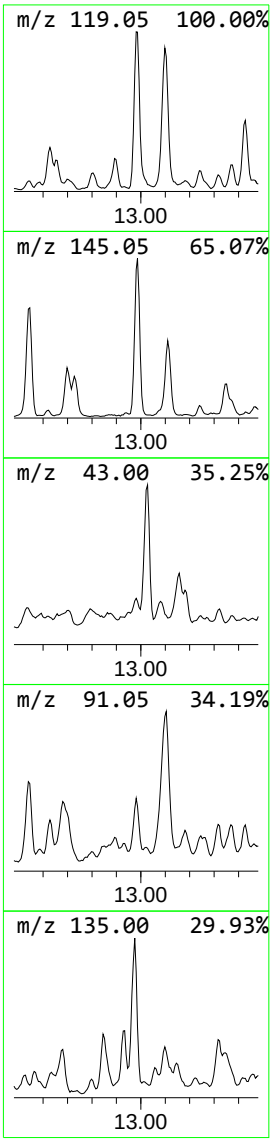
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.981	16.06 ng/ul	3984390	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	43
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	43
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	41
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	35
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

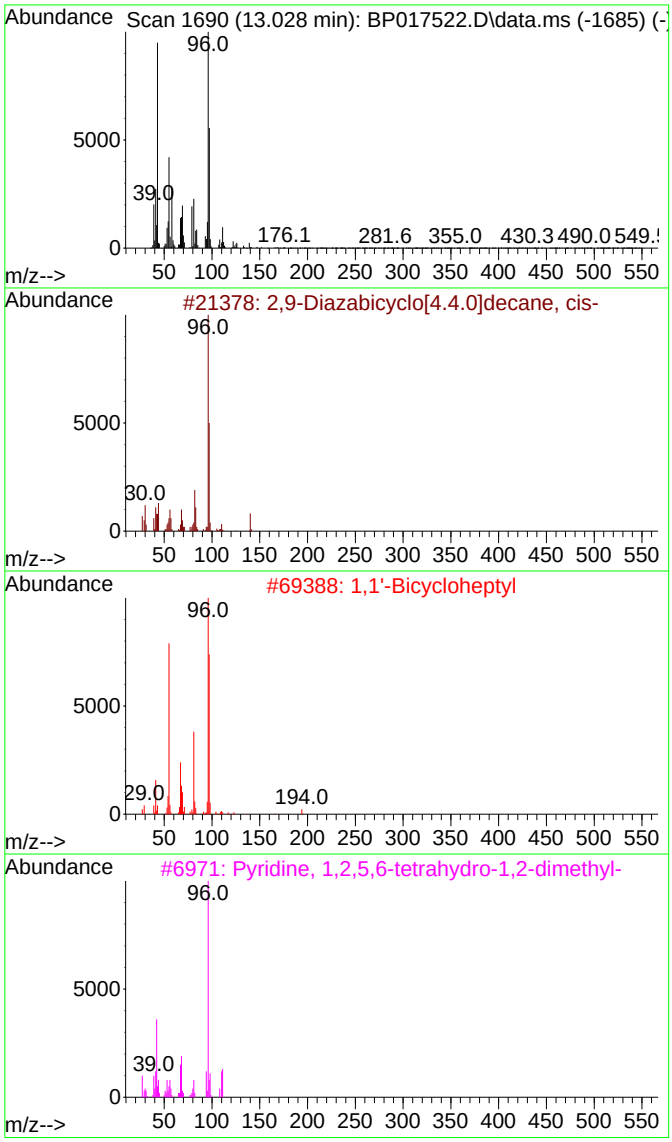
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

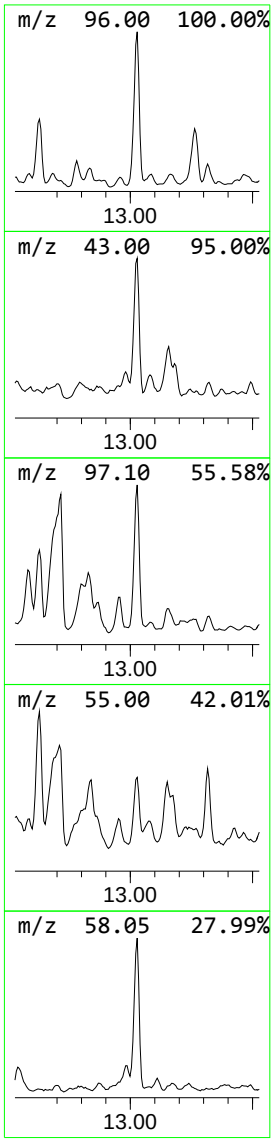
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 2,9-Diazabicyclo[4.4.0]deca... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	12.21 ng/ul	3028770	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,9-Diazabicyclo[4.4.0]decane, cis-	140	C8H16N2	093955-52-3	50
2	1,1'-Bicycloheptyl	194	C14H26	023183-11-1	50
3	Pyridine, 1,2,5,6-tetrahydro-1,2...	111	C7H13N	015031-95-5	38
4	4H-1,3-Benzodioxin-4-one, hexahy...	170	C9H14O3	124899-01-0	32
5	2-Amino-1,3,5-triazine	96	C3H4N4	004122-04-7	27





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

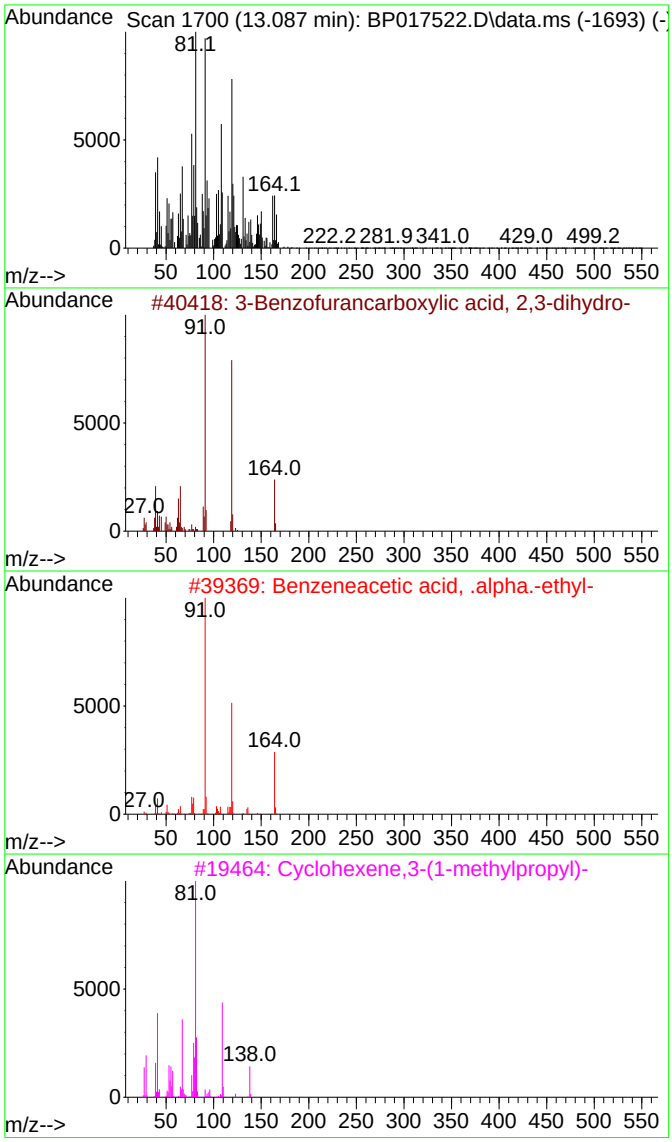
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

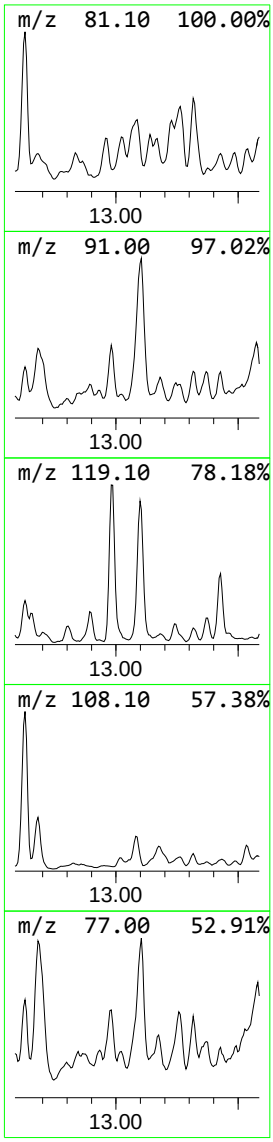
****

Peak Number 46 unknown-05 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.087	12.35 ng/ul	3064480	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzofurancarboxylic acid, 2,3...	164	C9H8O3	039891-55-9	35
2	Benzeneacetic acid, .alpha.-ethyl-	164	C10H12O2	000090-27-7	14
3	Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	14
4	6-Octen-1-yn-3-ol, 3,7-dimethyl-	152	C10H16O	029171-20-8	14
5	Nornicotine	148	C9H12N2	000494-97-3	14





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

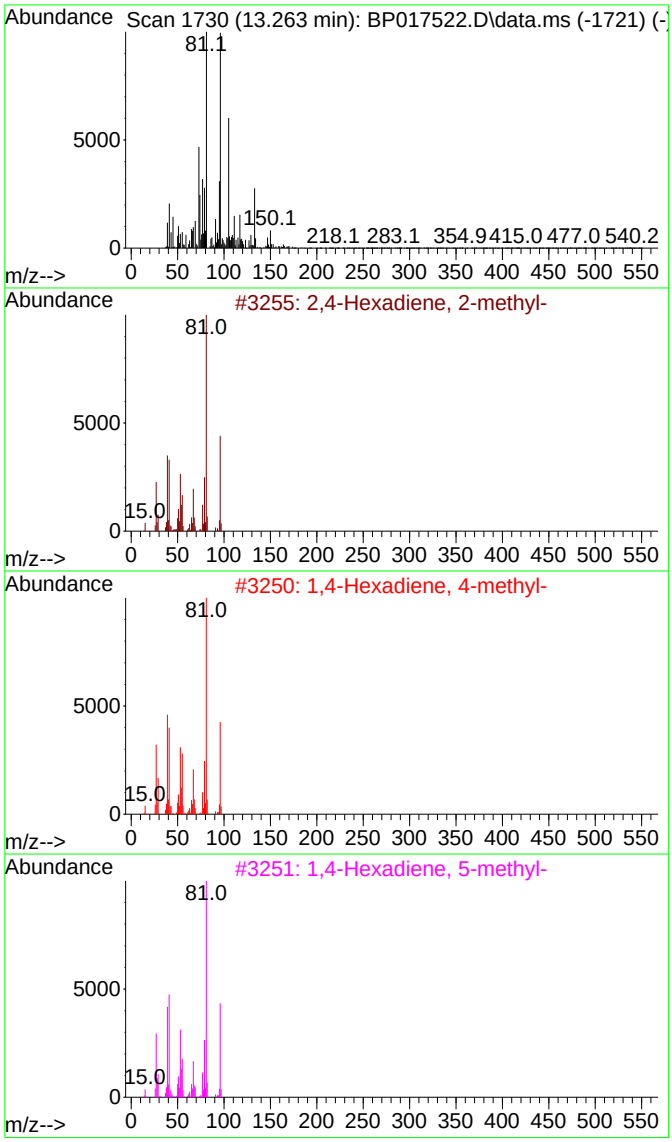
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

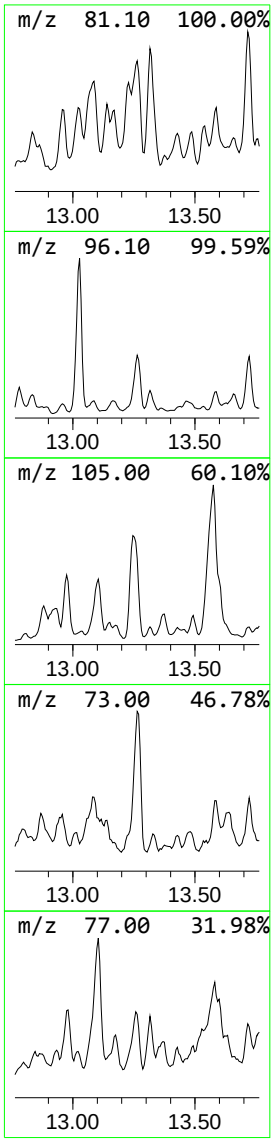
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 2,4-Hexadiene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	15.92 ng/ul	3950120	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	50
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	50
3	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	50
4	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	50
5	2,3-dimethylfuran	96	C6H8O	1000458-49-9	43





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

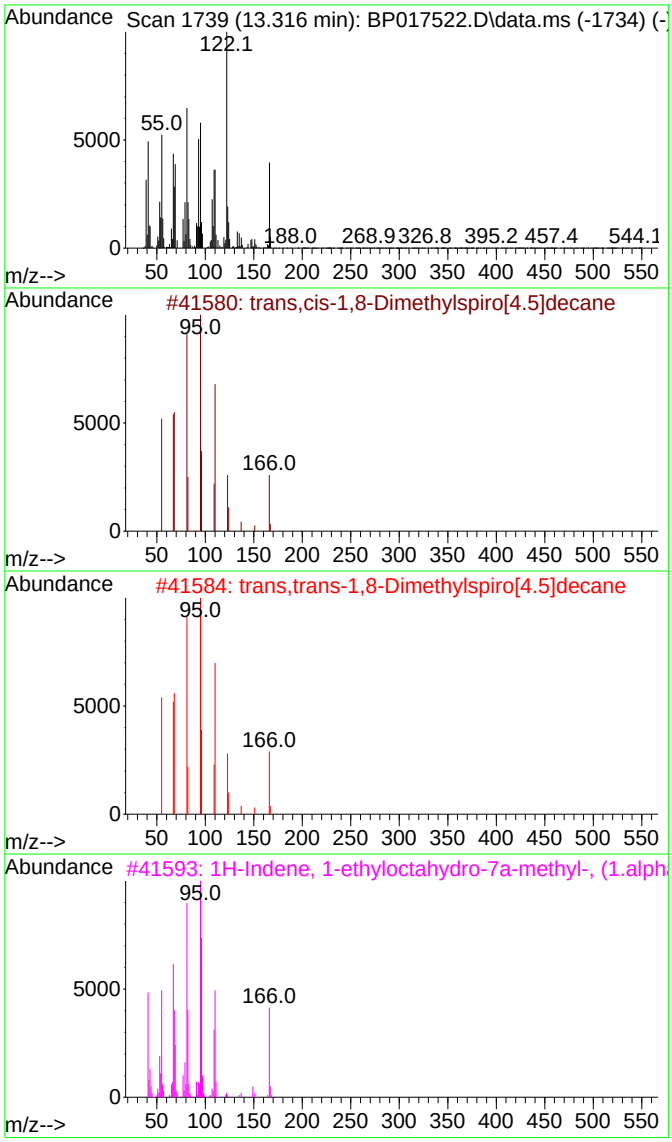
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

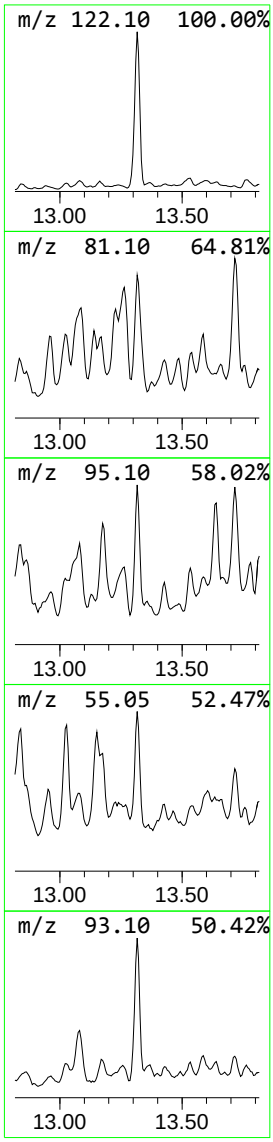
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 trans,cis-1,8-Dimethylspiro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	20.60 ng/ul	5110700	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	70
2	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	49
3	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	41
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	41
5	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	41





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

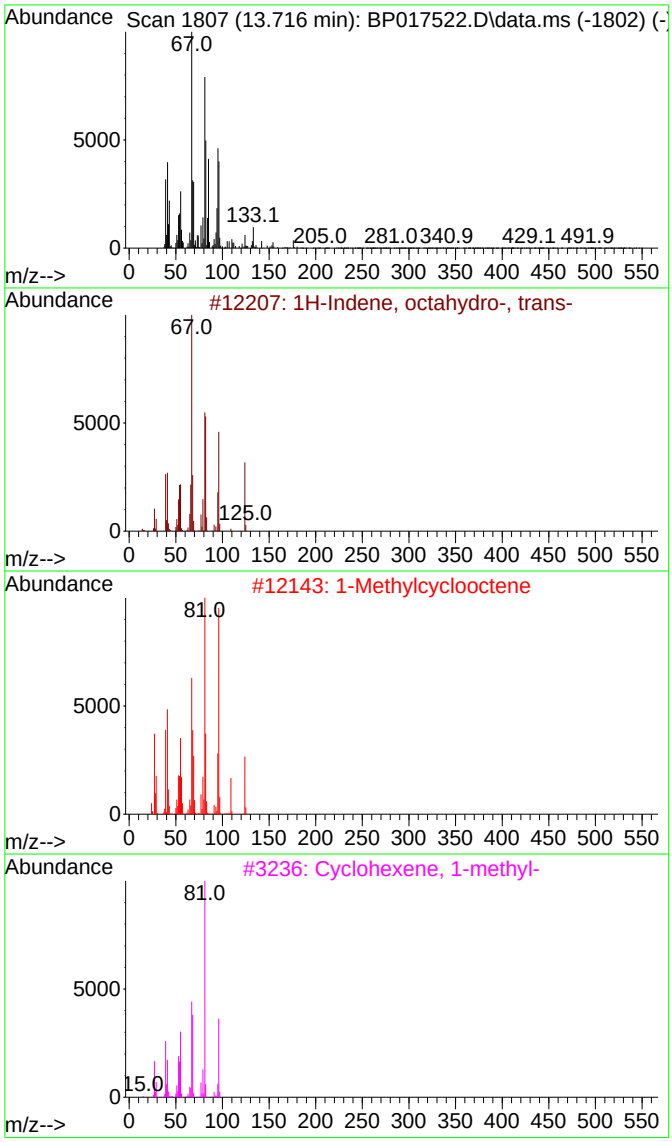
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

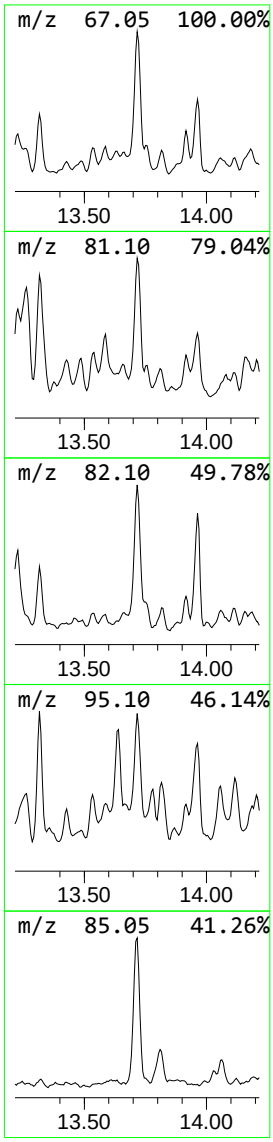
****

Peak Number 51 unknown-06 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	15.14 ng/ul	3755740	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
2	1-Methylcyclooctene	124	C9H16	000933-11-9	43
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	41
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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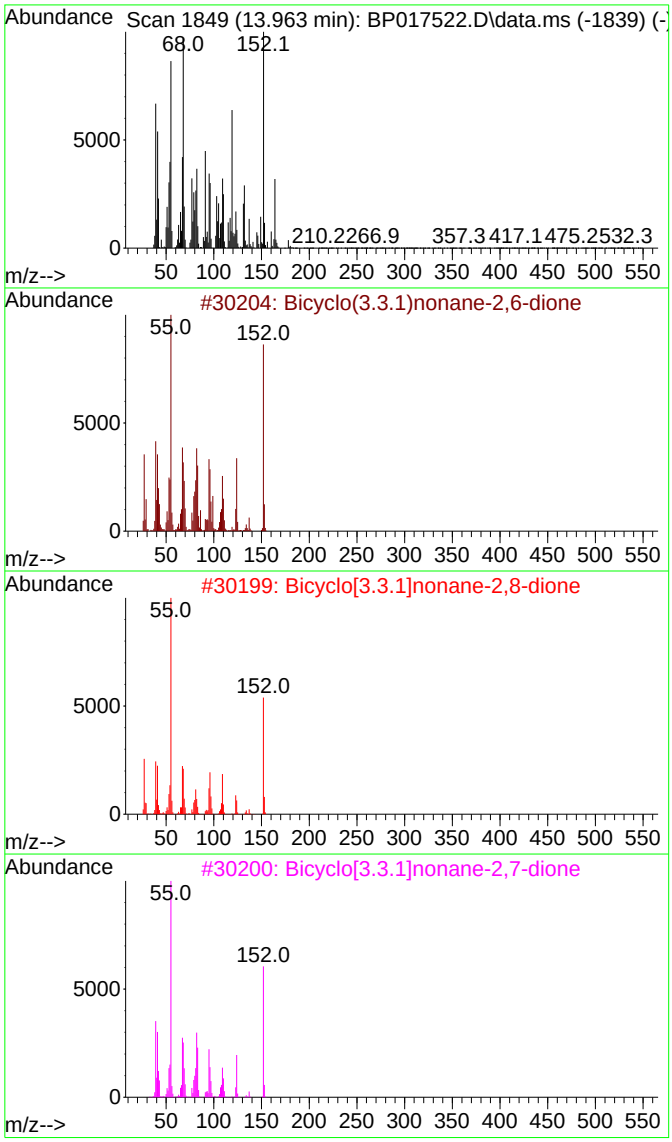
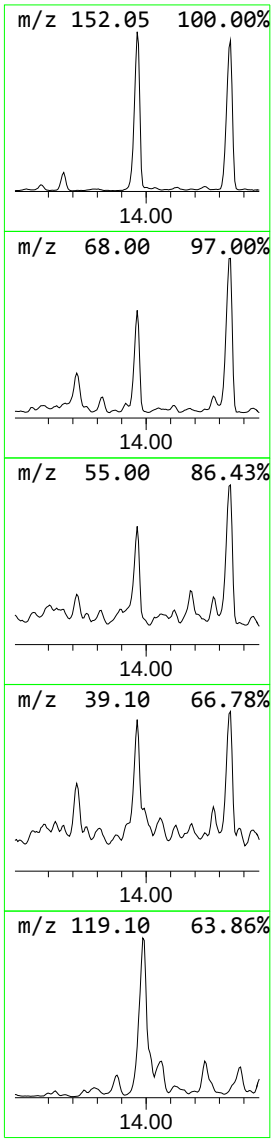
Peak Number 52 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	44.14 ng/ul	10951200	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	49
2	Bicyclo[3.3.1]nonane-2,8-dione	152	C9H12O2	160651-01-4	38
3	Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	25
4	1,9-Decadiene	138	C10H18	001647-16-1	25
5	1H-Imidazole, 1-acetyl-	110	C5H6N2O	002466-76-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

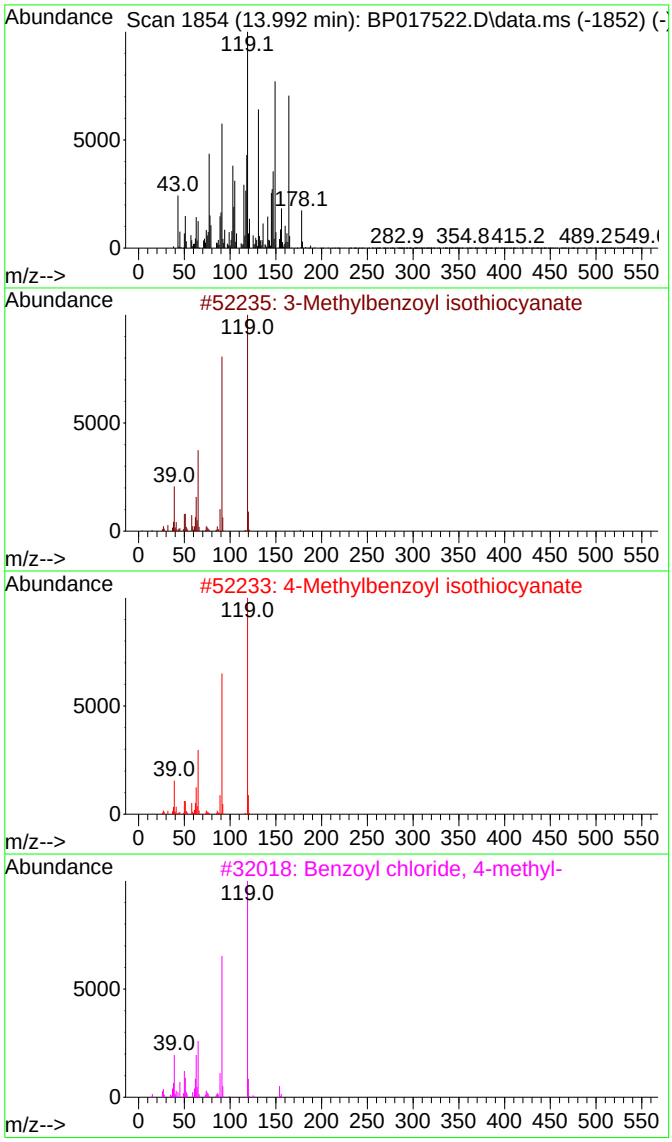
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

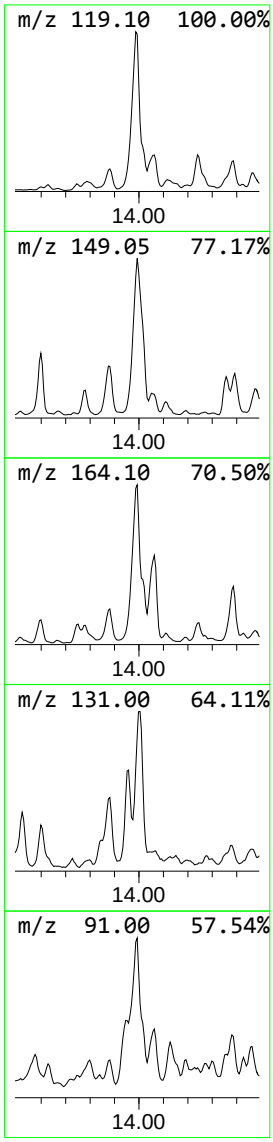
****

Peak Number 53 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	26.06 ng/ul	6464730	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	25
2	4-Methylbenzoyl isothiocyanate	177	C9H7NOS	016794-68-6	25
3	Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	25
4	Phenol, 2-methoxy-4-(1-propenyl)...	164	C10H12O2	005912-86-7	25
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	20





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

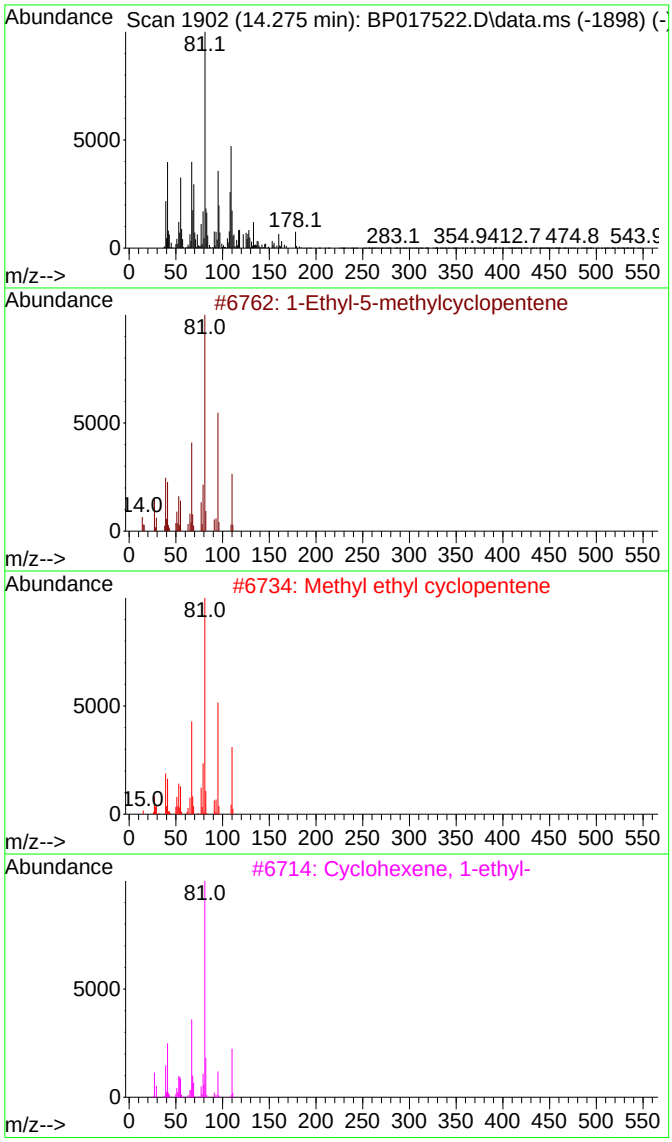
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

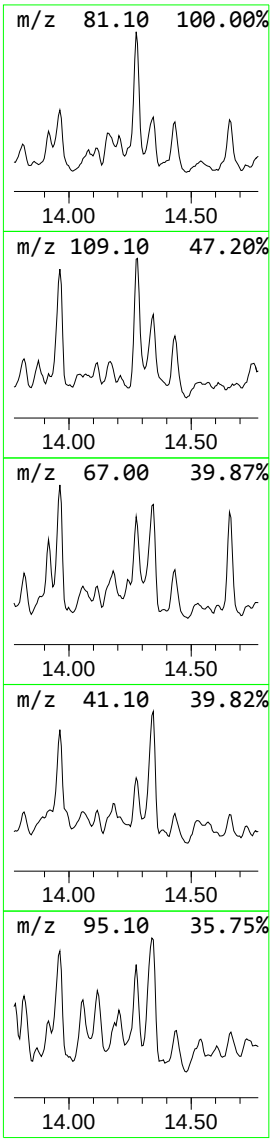
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1-Ethyl-5-methylcyclopentene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.275	11.54 ng/ul	2863720	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	60
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	49
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	49
4	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	47
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43





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Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

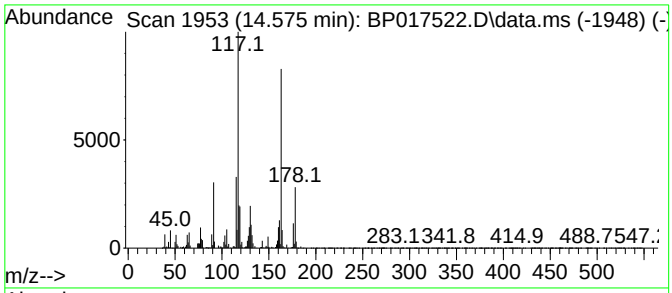
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

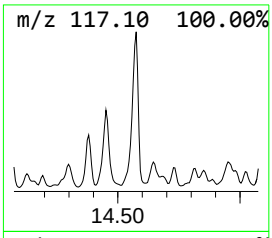
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

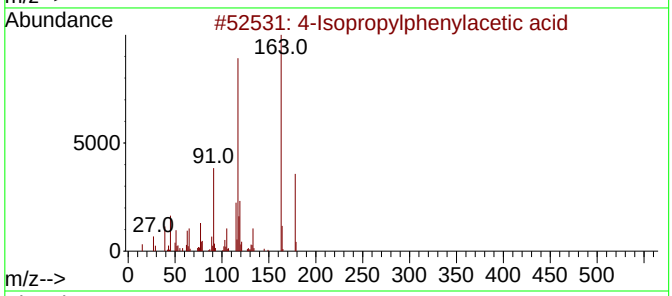
****
Peak Number 58 4-Isopropylphenylacetic acid Concentration Rank 9

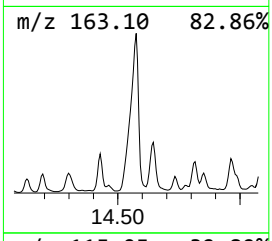
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.575	26.63 ng/ul	6605460	Acenaphthene-d10	14.639

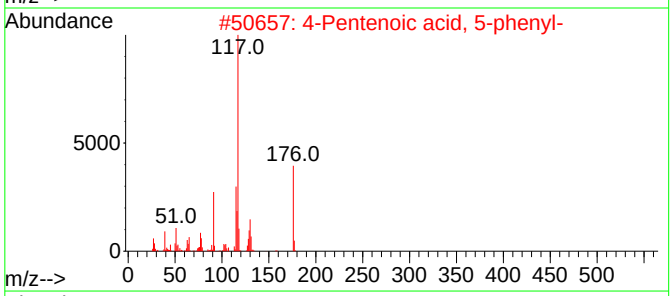
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	60
2	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	41
3	Hex-1-enylbenzene	160	C12H16	000828-15-9	27
4	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	25
5	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	22

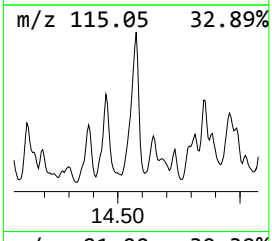


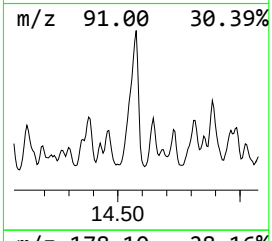


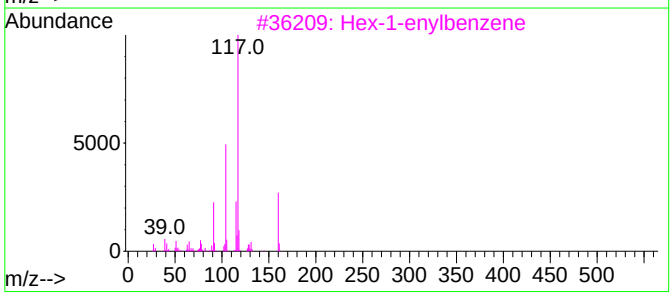


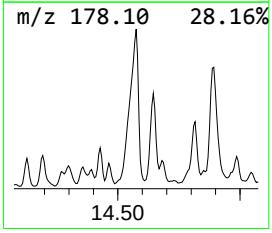












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Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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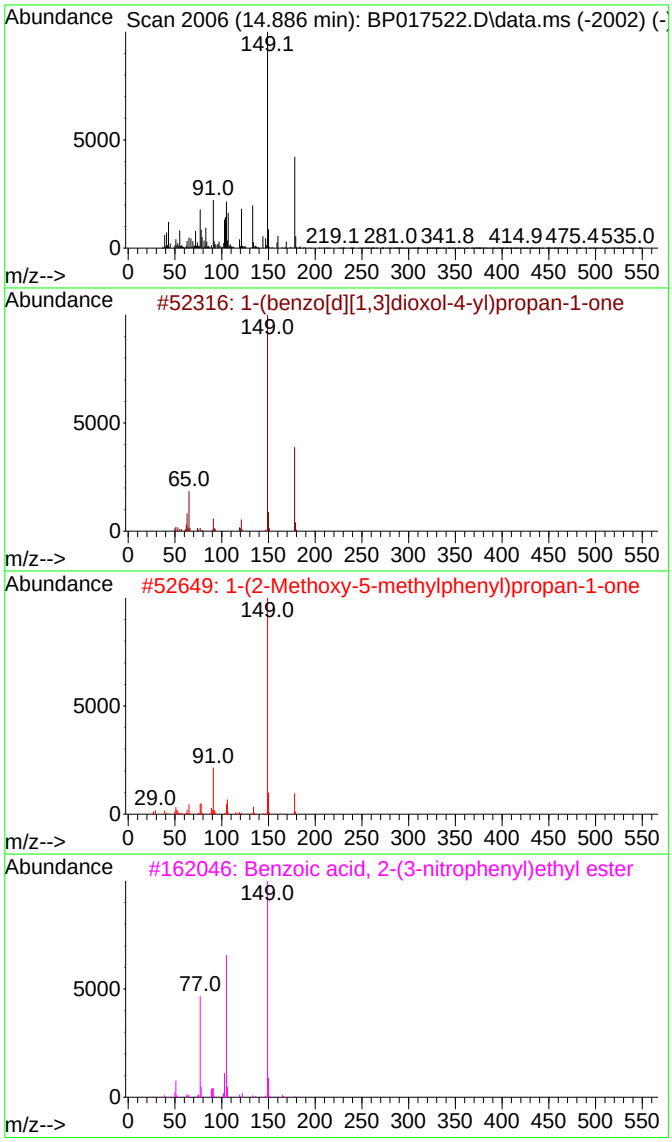
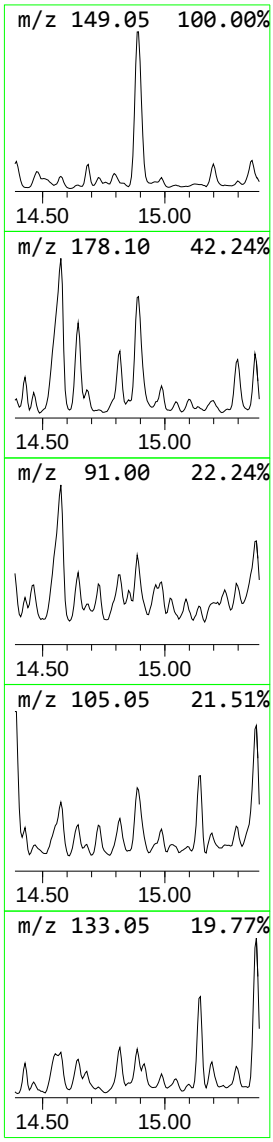
Peak Number 61 unknown-09 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.887	11.36 ng/ul	2817300	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(benzo[d][1,3]dioxol-4-yl)prop...	178	C10H10O3	1000456-65-5	47
2	1-(2-Methoxy-5-methylphenyl)prop...	178	C11H14O2	082620-73-3	47
3	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	38
4	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	38
5	Phenyl(2-phenyl-1,3-dioxolan-2-y...	270	C17H18O3	1000507-07-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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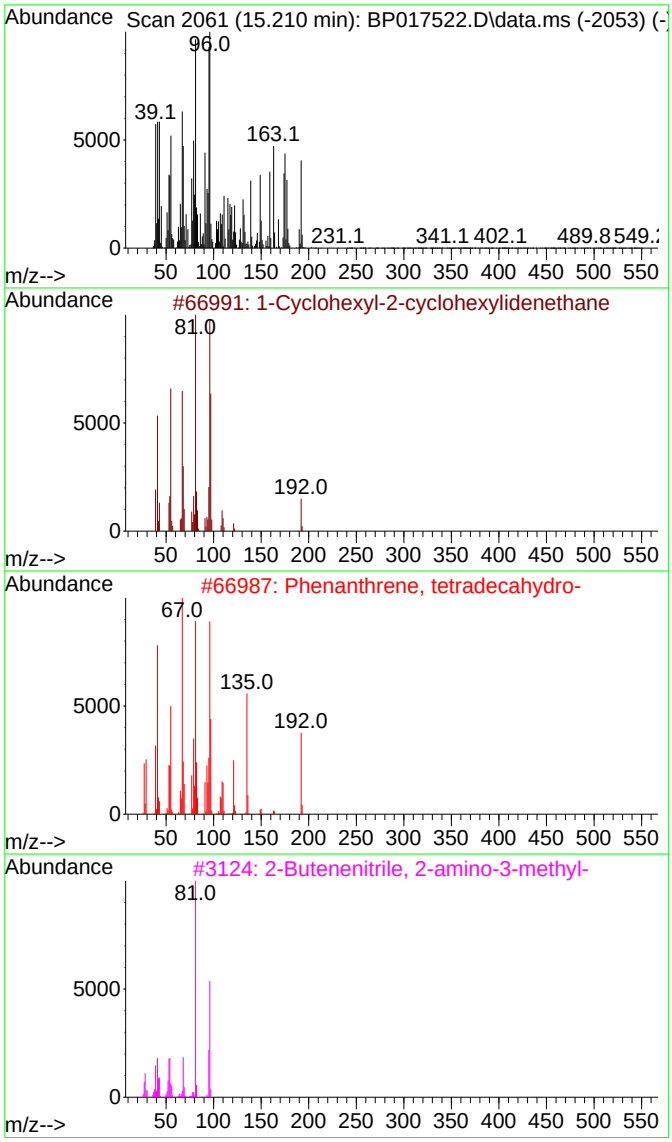
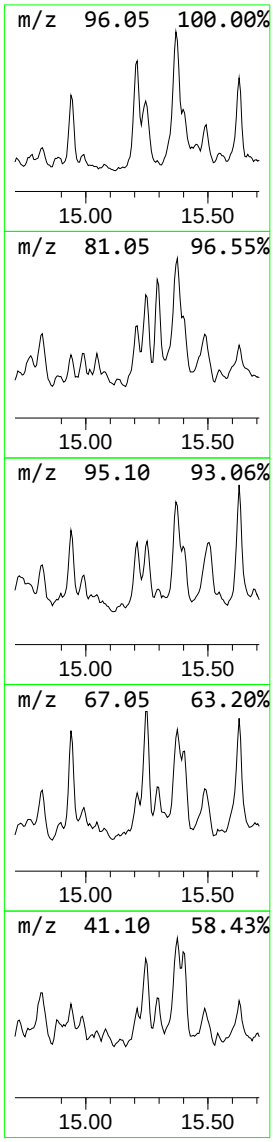
Peak Number 64 unknown-10 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	13.41 ng/ul	3325820	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-cyclohexylidenethane	192	C14H24	059986-23-1	43
2	Phenanthrene, tetradecahydro-	192	C14H24	005743-97-5	43
3	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1010196-28-0	38
4	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	38
5	1,Cyanoacetyl-3,5-dimethylpyrazole	163	C8H9N3O	036140-83-7	38





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

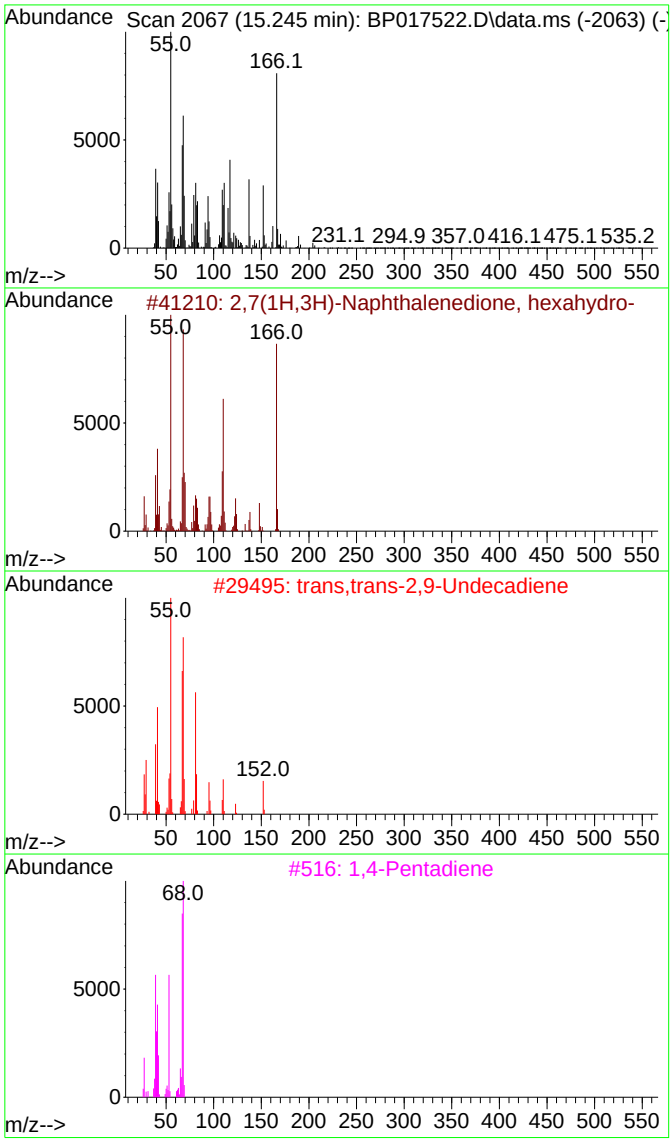
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

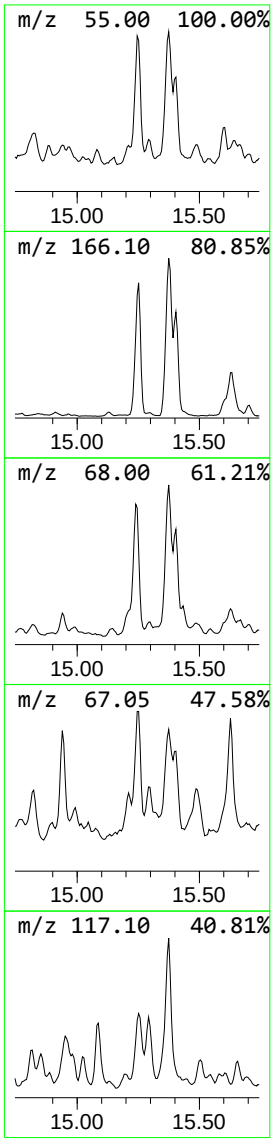
****

Peak Number 65 unknown-11 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	14.99 ng/ul	3718700	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7(1H,3H)-Naphthalenedione, hex...	166	C10H14O2	046048-64-0	38
2	trans,trans-2,9-Undecadiene	152	C11H20	022057-21-2	38
3	1,4-Pentadiene	68	C5H8	000591-93-5	25
4	2-Methoxy-4-formyl-5-methylphenol	166	C9H10O3	1000430-63-5	25
5	3-Octen-1-ol	128	C8H16O	018185-81-4	15





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

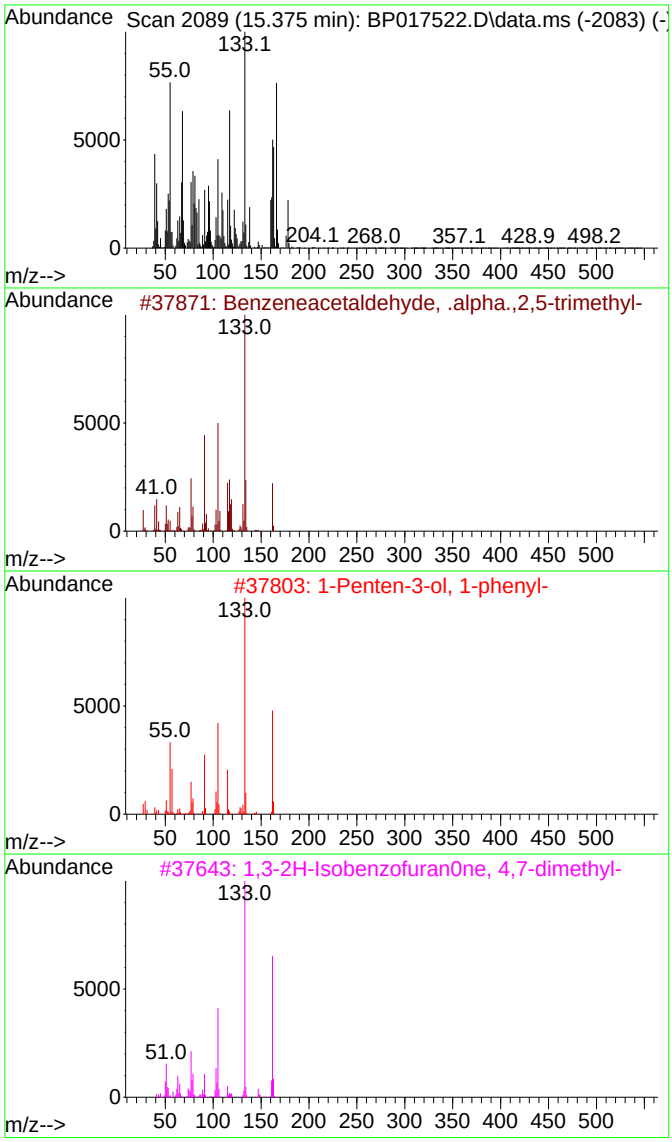
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

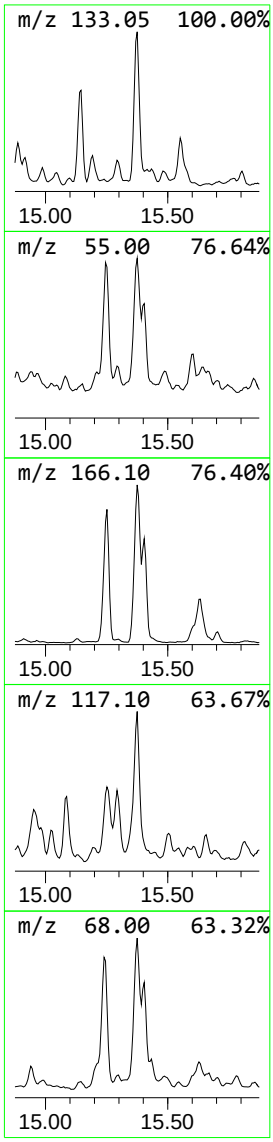
****

Peak Number 67 unknown-12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	32.90 ng/ul	8162340	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	38
2	1-Penten-3-ol, 1-phenyl-	162	C11H14O	034862-94-7	35
3	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	30
4	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	30
5	1-Phenylcyclopentanol-1	162	C11H14O	010487-96-4	30





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Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

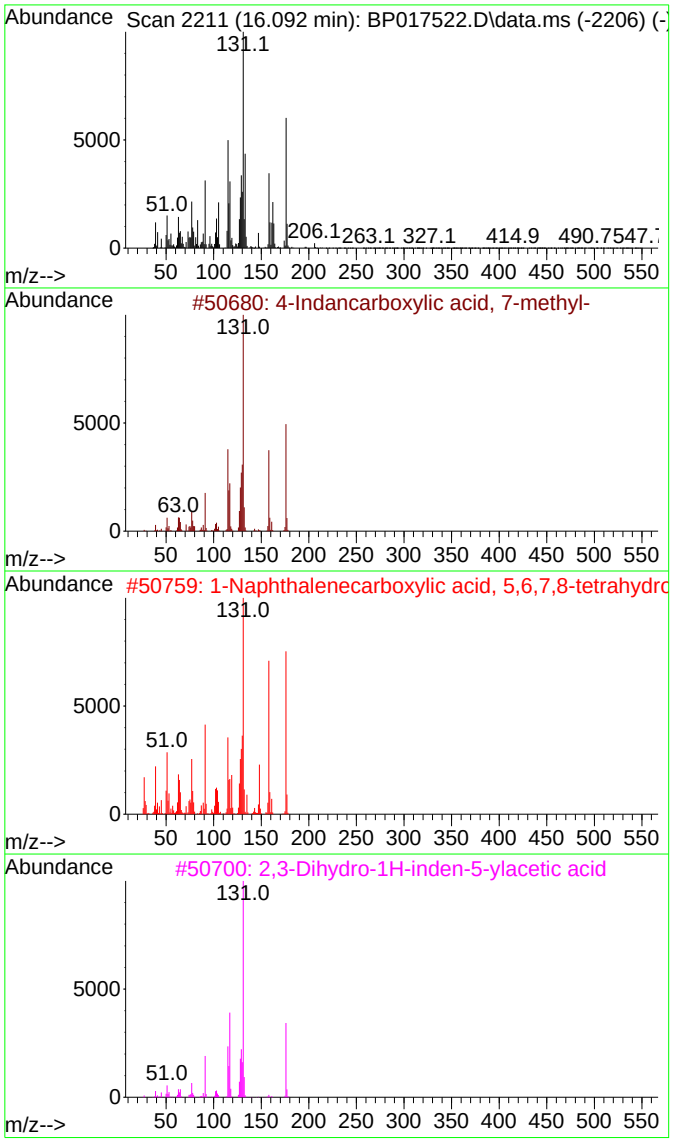
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

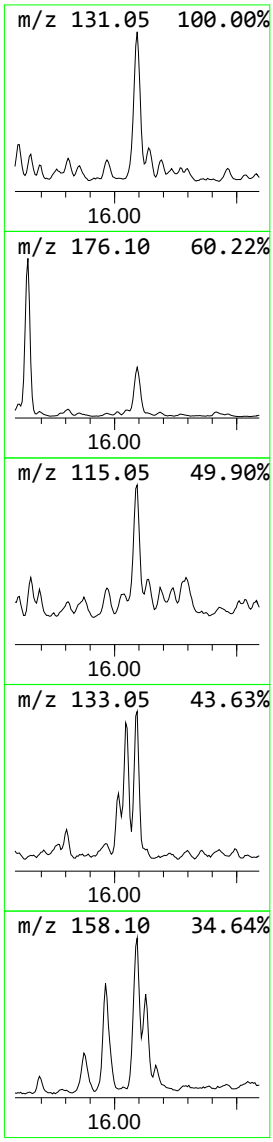
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 4-Indancarboxylic acid, 7-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	37.00 ng/ul	3560350	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	97
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	68
3	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	58
4	2-(1,2,3,4-Tetrahydronaphthalen-...	176	C12H16O	068480-12-6	49
5	2-Benzofurancarboxylic acid, 3-m...	176	C10H8O3	024673-56-1	48





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

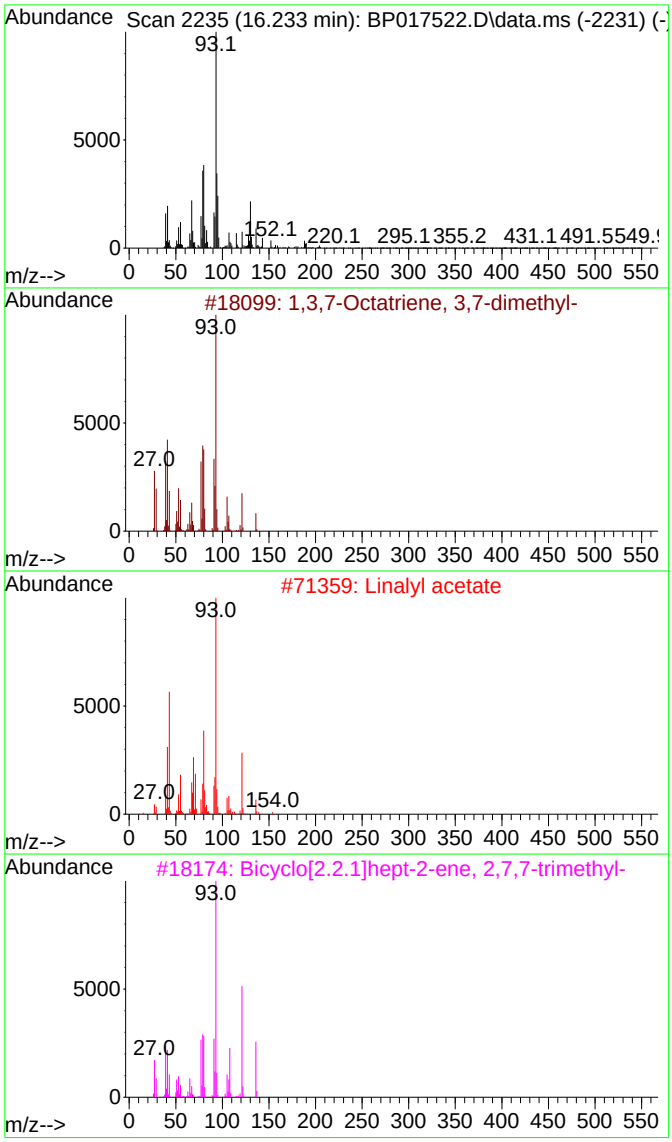
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

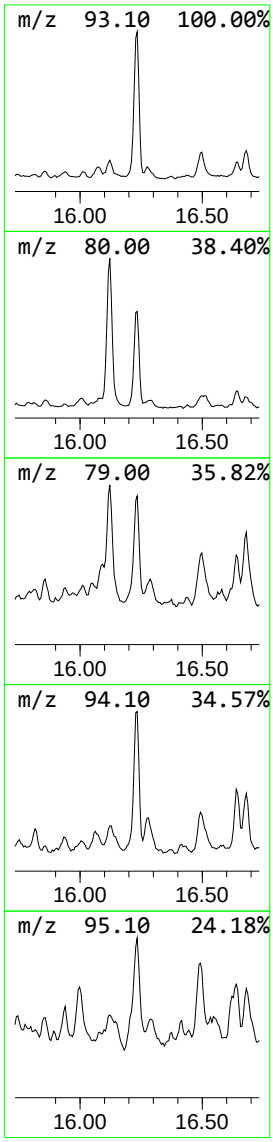
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 1,3,7-Octatriene, 3,7-dimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	19.26 ng/ul	1853300	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	53
2	Linalyl acetate	196	C12H20O2	000115-95-7	53
3	Bicyclo[2.2.1]hept-2-ene, 2,7,7-...	136	C10H16	000514-14-7	50
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	49
5	.beta.-Myrcene	136	C10H16	000123-35-3	46





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Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

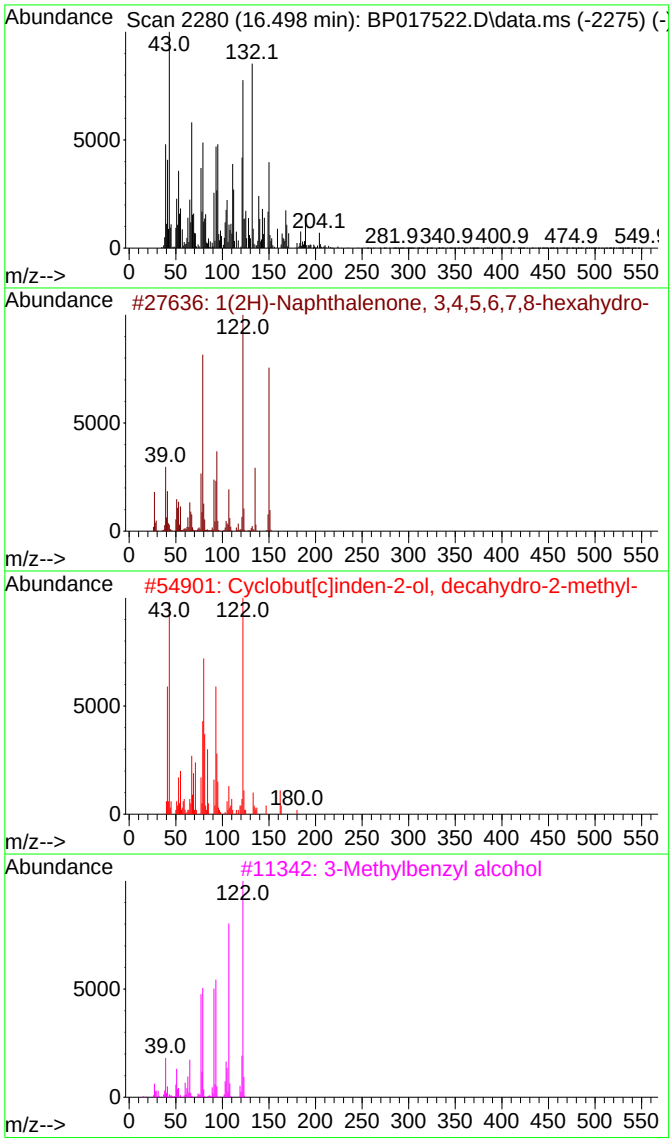
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

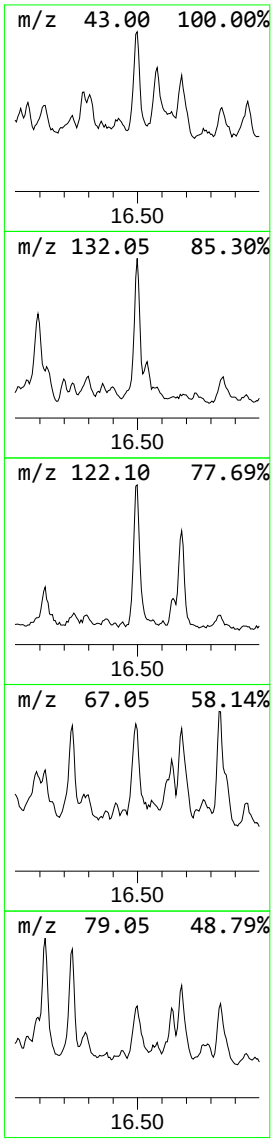
****

Peak Number 72 unknown-13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.498	24.20 ng/ul	2328750	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	46
2	Cyclobut[c]inden-2-ol, decahydro...	180	C12H20O	016510-56-8	41
3	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	38
4	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	38
5	7-Hydroxyoctahydro-3-methylene-1...	168	C9H12O3	1000426-91-7	38





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

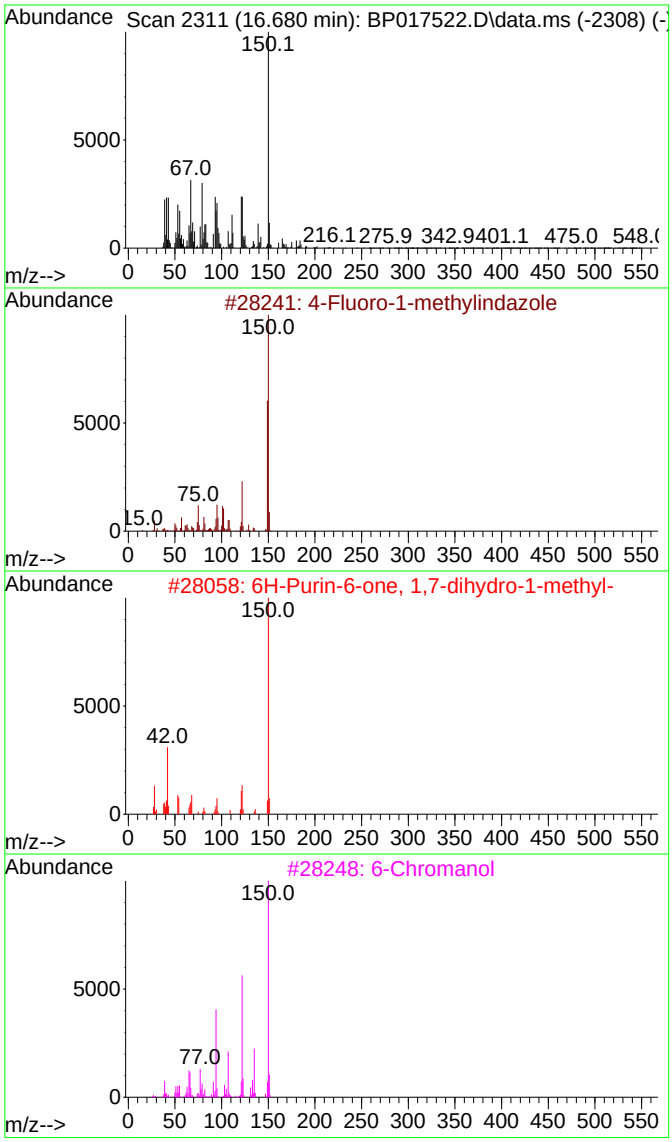
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

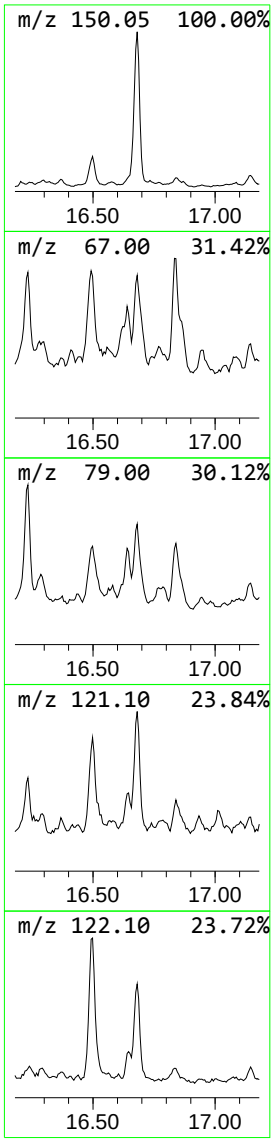
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 4-Fluoro-1-methylindazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.680	32.71 ng/ul	3147840	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-1-methylindazole	150	C8H7FN2	1092961-07-3	53
2	6H-Purin-6-one, 1,7-dihydro-1-me...	150	C6H6N4O	001125-39-9	53
3	6-Chromanol	150	C9H10O2	005614-78-8	47
4	Tetrazolo[1,5-a]pyridin-7-ol, 5-...	150	C6H6N4O	1000317-09-4	47
5	1-Methyl-1H-pyrazolo[3,4-d]pyrim...	150	C6H6N4O	005334-56-5	43





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Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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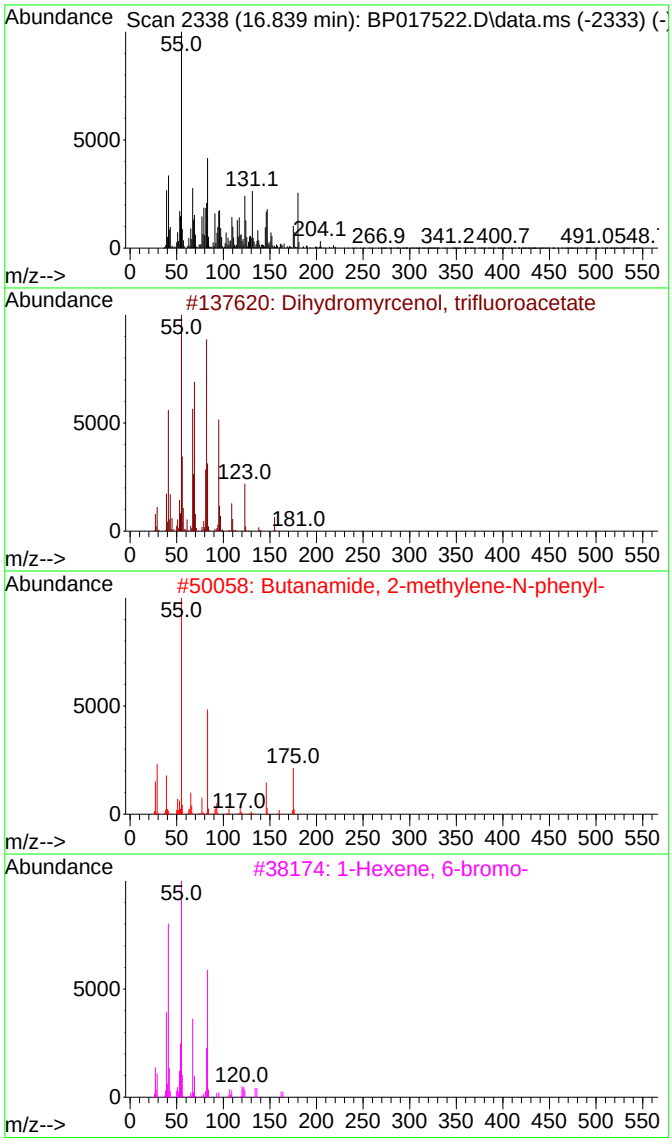
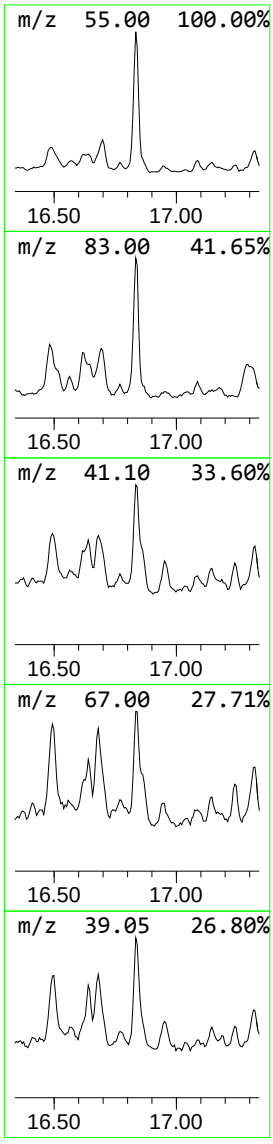
Peak Number 74 unknown-14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.839	48.42 ng/ul	4659390	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	27
2	Butanamide, 2-methylene-N-phenyl-	175	C11H13NO	095383-64-5	25
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	15
4	1,5-Octadiene, 7-methyl-3-(1-met...	166	C12H22	074630-12-9	14
5	1-Cyclohexyl-1-propyne	122	C9H14	018736-95-3	10





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Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

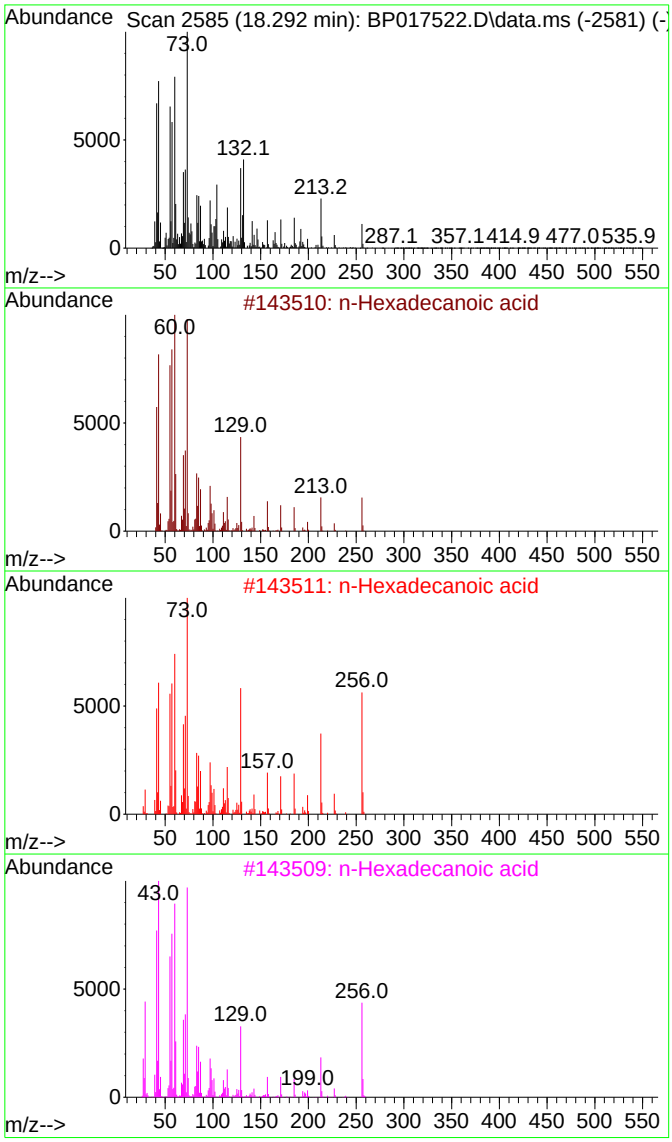
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

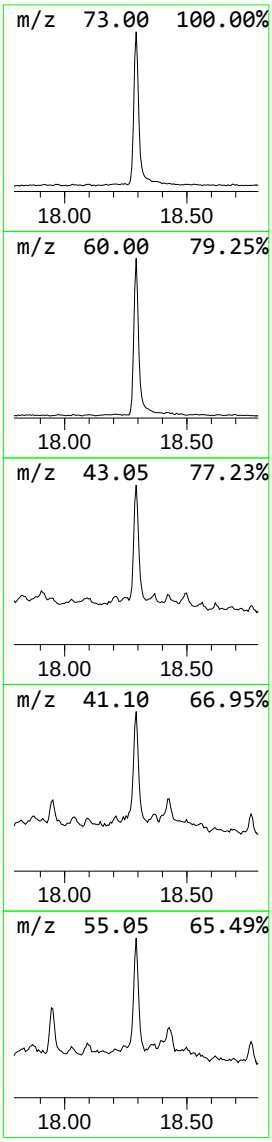
****

Peak Number 75 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	32.35 ng/ul	3113300	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

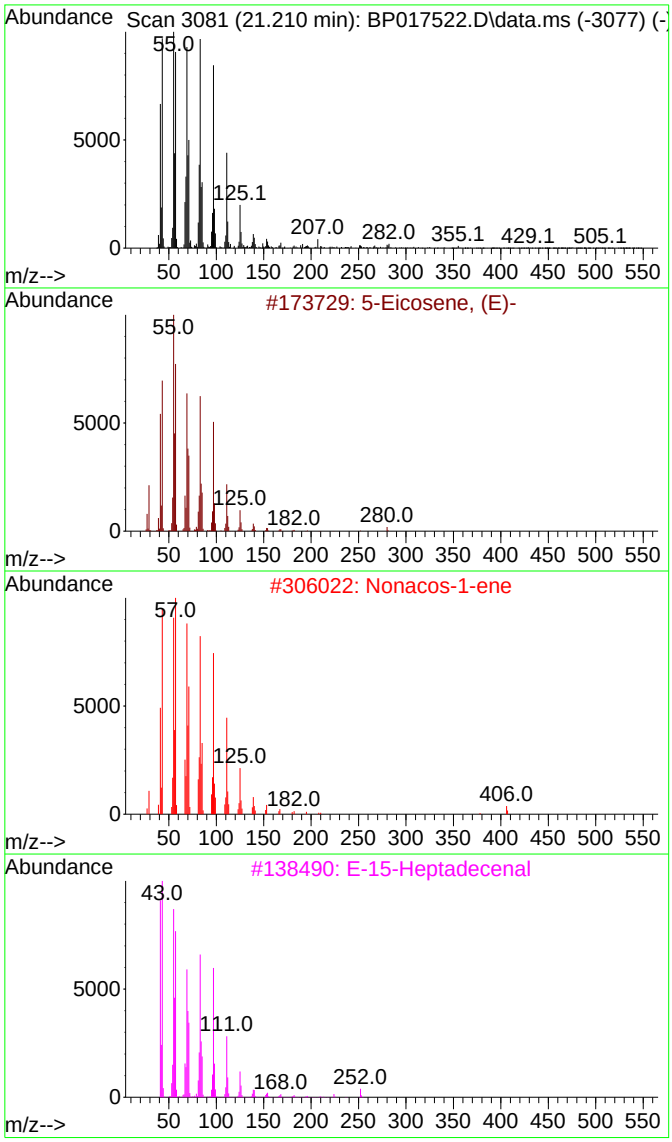
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

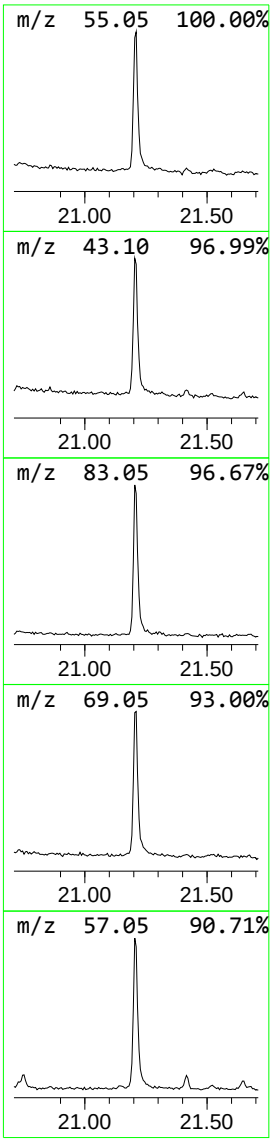
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	9.66 ng/ul	947932	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Nonacos-1-ene	406	C29H58	018835-35-3	95
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
4	1-Tricosene	322	C23H46	018835-32-0	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017522.D
Acq On : 03 Oct 2023 18:06
Operator : MA/JU
Sample : 04571-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.805	8.5	ng/ul	1490640	1	7.934	3514900	20.0
trans-3,4-Dimet...	6.199	16.3	ng/ul	2860270	1	7.934	3514900	20.0
(DEL) Alkane: S...	7.010	10.5	ng/ul	1847770	1	7.934	3514900	20.0
unknown-01	8.004	18.5	ng/ul	3245190	1	7.934	3514900	20.0
(DEL) Alkane: S...	8.234	15.8	ng/ul	2782890	1	7.934	3514900	20.0
unknown-02	8.299	25.0	ng/ul	4389100	1	7.934	3514900	20.0
(DEL) Alkane: S...	8.628	9.9	ng/ul	1743830	1	7.934	3514900	20.0
Hexanoic acid, ...	8.975	29.3	ng/ul	5144180	1	7.934	3514900	20.0
(DEL) Alkane: C...	9.216	7.5	ng/ul	1318320	1	7.934	3514900	20.0
(DEL) Alkane: S...	10.016	5.3	ng/ul	2916050	2	10.781	10898800	20.0
(DEL) Alkane: S...	10.134	8.9	ng/ul	4860940	2	10.781	10898800	20.0
4-Isopropylcycl...	10.334	19.8	ng/ul	10802200	2	10.781	10898800	20.0
Cyclohexene, 1-...	10.534	11.2	ng/ul	6081460	2	10.781	10898800	20.0
2H-Inden-2-one,...	11.398	19.3	ng/ul	10521600	2	10.781	10898800	20.0
unknown-03	11.957	15.1	ng/ul	8235350	2	10.781	10898800	20.0
1H-Inden-1-one,...	12.540	13.7	ng/ul	7456410	2	10.781	10898800	20.0
2,5(1H,3H)-Pent...	12.834	42.2	ng/ul	10463100	3	14.639	4961670	20.0
unknown-04	12.981	16.1	ng/ul	3984390	3	14.639	4961670	20.0
2,9-Diazabicycl...	13.028	12.2	ng/ul	3028770	3	14.639	4961670	20.0
unknown-05	13.087	12.4	ng/ul	3064480	3	14.639	4961670	20.0
2,4-Hexadiene, ...	13.263	15.9	ng/ul	3950120	3	14.639	4961670	20.0
trans,cis-1,8-D...	13.316	20.6	ng/ul	5110700	3	14.639	4961670	20.0
unknown-06	13.716	15.1	ng/ul	3755740	3	14.639	4961670	20.0
unknown-07	13.963	44.1	ng/ul	10951200	3	14.639	4961670	20.0
unknown-08	13.992	26.1	ng/ul	6464730	3	14.639	4961670	20.0
1-Ethyl-5-methy...	14.275	11.5	ng/ul	2863720	3	14.639	4961670	20.0
4-Isopropylphen...	14.575	26.6	ng/ul	6605460	3	14.639	4961670	20.0
unknown-09	14.887	11.4	ng/ul	2817300	3	14.639	4961670	20.0
unknown-10	15.210	13.4	ng/ul	3325820	3	14.639	4961670	20.0
unknown-11	15.245	15.0	ng/ul	3718700	3	14.639	4961670	20.0
unknown-12	15.375	32.9	ng/ul	8162340	3	14.639	4961670	20.0
4-Indancarboxyl...	16.092	37.0	ng/ul	3560350	4	17.427	1924520	20.0
1,3,7-Octatrien...	16.233	19.3	ng/ul	1853300	4	17.427	1924520	20.0
unknown-13	16.498	24.2	ng/ul	2328750	4	17.427	1924520	20.0
4-Fluoro-1-meth...	16.680	32.7	ng/ul	3147840	4	17.427	1924520	20.0
unknown-14	16.839	48.4	ng/ul	4659390	4	17.427	1924520	20.0
n-Hexadecanoic ...	18.292	32.4	ng/ul	3113300	4	17.427	1924520	20.0
(DEL) Alkane: S...	21.210	9.7	ng/ul	947932	5	21.557	1961750	20.0