LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042720.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.463	75	81	88	rBV	416269	573619	2.07%	0.135%
2	4.199	186	206	213	rVV2	903035	2277524	8.21%	0.535%
3	4.281	213	220	232	rVB	2286447	2846871	10.26%	0.669%
4	4.987	331	340	348	rVB4	154505	361200	1.30%	0.085%
5	5.357	394	403	406	rBV2	146872	382889	1.38%	0.090%
6	5.716	458	464	471	rVB	684185	1007962	3.63%	0.237%
7	5.863	481	489	492	rBV4	368804	805846	2.91%	0.189%
8	6.034	516	518	522	rVB	536669	427035	1.54%	0.100%
9	6.110	526	531	543	rVB	1648608	2509408	9.05%	0.589%
10	6.593	606	613	619	rBV	346425	516475	1.86%	0.121%
11	6.851	648	657	662	rBV4	750431	1552186	5.60%	0.365%
12	6.910	662	667	675	rBV3	464727	1266399	4.57%	0.297%
13	7.040	683	689	693	rBV3	379372	620734	2.24%	0.146%
14	7.098	693	699	707	rVB	1128656	1726268	6.22%	0.405%
15	7.198	708	716	720	rBV3	435499	1012229	3.65%	0.238%
16	7.246	720	724	730	rBV2	446747	644794	2.32%	0.151%
17	7.310	731	735	740	rBV	242621	379600	1.37%	0.089%
18	7.375	741	746	749	rBV2	354547	672496	2.42%	0.158%
19	7.593	777	783	790	rBV3	1099524	3042329	10.97%	0.714%
20	7.663	793	795	800	rVB2	1442001	1289370	4.65%	0.303%
21	7.716	800	804	813	rVB3	359329	822343	2.96%	0.193%
22	7.834	814	824	829	rBV	1714347	3272381	11.80%	0.768%
23	7.922	833	839	850	rVB4	2333005	6039308	21.77%	1.418%
24	8.140	868	876	882	rBV3	1767072	3006628	10.84%	0.706%
25	8.204	882	887	892	rBV	1179277	2141173	7.72%	0.503%
26	8.263	893	897	903	rBV2	572220	1171883	4.23%	0.275%
27	9.234	1060	1062	1064	rBV	727454	566864	2.04%	0.133%
28	9.363	1068	1084	1091	rVB6	4431206	20121910	72.55%	4.725%
29	9.428	1091	1095	1097	rBV	491044	583347	2.10%	0.137%
30	9.504	1098	1108	1110	rBV2	2298660	5667234	20.43%	1.331%
31	9.775	1149	1154	1157	rBV4	1284151	2849623	10.27%	0.669%
32	9.804	1157	1159	1161	rVB	2031871	1545357	5.57%	0.363%
33	9.851	1161	1167	1171	rVB2	1556697	3054830	11.01%	0.717%
34	9.928	1171	1180	1184	rVB5	4129080	11595214	41.80%	2.723%
35	9.969	1184	1187	1191	rVB	884199	985464	3.55%	0.231%
36	10.039	1191	1199	1202	rBV4	2766337	6429437	23.18%	1.510%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

37	10.081	1203	1206	1208	rVB2	1528100	1607823	5.80%	0.378%
38	10.234	1220	1232	1238	rBV5	4573854	13610893	49.07%	3.196%
39	10.292	1238	1242	1248	rVB	2751845	4273303	15.41%	1.004%
40	10.357	1249	1253	1254	rBV	521350	686224	2.47%	0.161%
41	10.392	1255	1259	1263	rBV4	832339	1445609	5.21%	0.339%
42	10.486	1268	1275	1279	rVB6	2685809	6699452	24.15%	1.573%
43	10.551	1279	1286	1290	rBV4	2177933	3874367	13.97%	0.910%
44	10.586	1290	1292	1295	rVB	553037	461489	1.66%	0.108%
45	10.710	1306	1313	1317	rBV	3903346	6911325	24.92%	1.623%
46	10.757	1317	1321	1325	rVV3	741044	1554735	5.61%	0.365%
47	11.033	1361	1368	1372	rBV7	1475870	3785124	13.65%	0.889%
48	11.092	1375	1378	1391	rVB6	2673855	6429137	23.18%	1.510%
49	11.286	1391	1411	1416	rBV3	3846933	16119364	58.12%	3.785%
50	11.469	1438	1442	1447	rBV5	583508	1305444	4.71%	0.307%
51	11.586	1454	1462	1469	rBV6	2108543	7606820	27.43%	1.786%
52	11.886	1508	1513	1519	rBV4	1266107	2946367	10.62%	0.692%
53	12.210	1561	1568	1572	rBV3	2223168	4815592	17.36%	1.131%
54	12.251	1572	1575	1579	rVV2	997891	1355940	4.89%	0.318%
55	12.322	1581	1587	1595	rVB5	3261036	8320763	30.00%	1.954%
56	12.398	1595	1600	1607	rBV4	1310184	2652114	9.56%	0.623%
57	12.539	1608	1624	1628	rBV2	9400478	27328249	98.53%	6.418%
58	12.598	1629	1634	1641	rVB4	3207864	6847153	24.69%	1.608%
59	12.704	1644	1652	1656	rBV	2281374	6885479	24.82%	1.617%
60	12.910	1669	1687	1694	rBV4	3389321	19300130	69.58%	4.532%
61	13.010	1695	1704	1708	rBV6	2040897	6126339	22.09%	1.439%
62	13.410	1769	1772	1775	rBV2	1299135	2121176	7.65%	0.498%
63	13.486	1782	1785	1788	rVB	1186457	1120964	4.04%	0.263%
64	13.527	1788	1792	1795	rBV2	2213769	3535766	12.75%	0.830%
65	13.622	1804	1808	1812	rBV2	1689702	3211670	11.58%	0.754%
66	13.727	1818	1826	1834	rVB5	4183466	11326531	40.84%	2.660%
67	13.822	1840	1842	1845	rVB2	579736	546817	1.97%	0.128%
68	13.863	1845	1849	1851	rBV3	2777592	4033566	14.54%	0.947%
69	13.945	1860	1863	1868	rVB4	1747989	2705050	9.75%	0.635%
70	14.057	1870	1882	1891	rVB3	3776911	12960184	46.73%	3.043%
71	14.139	1892	1896	1899	rBV2	1595609	2491165	8.98%	0.585%
72	14.186	1899	1904	1907	rBV	2902213	5407584	19.50%	1.270%
73	14.345	1926	1931	1936	rBV6	1152846	3190900	11.50%	0.749%
74	14.445	1943	1948	1952	rBV4	1934720	4169427	15.03%	0.979%
75	14.580	1962	1971	1972	rBV5	3816438	8484296	30.59%	1.992%
76	14.810	2002	2010	2012	rBV4	1496408	3606386	13.00%	0.847%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

77	14.992	2036	2041	2047	rBV7	2116225	4700823	16.95%	1.104%
78	15.074	2052	2055	2062	rVB3	1035128	1877147	6.77%	0.441%
79	15.157	2062	2069	2078	rBV7	3222698	9481941	34.19%	2.227%
80	15.333	2079	2099	2107	rBV10	6016100	27736779	100.00%	6.514%
81	15.598	2142	2144	2148	rVB2	627946	587280	2.12%	0.138%
82	15.674	2149	2157	2165	rVB7	2338319	6616978	23.86%	1.554%
83	15.774	2170	2174	2178	rVB2	1624652	2496767	9.00%	0.586%
84	15.827	2179	2183	2189	rVB7	847699	1647591	5.94%	0.387%
85	15.886	2190	2193	2195	rBV3	868488	1169740	4.22%	0.275%
86	15.986	2205	2210	2214	rBV4	1450403	3054313	11.01%	0.717%
87	16.157	2232	2239	2242	rBV	2491470	5283148	19.05%	1.241%
88	16.545	2302	2305	2309	rBV4	1130411	1724772	6.22%	0.405%
89	16.739	2330	2338	2343	rVB	3901072	9344657	33.69%	2.194%
90	17.080	2391	2396	2406	rVB7	1852928	4692241	16.92%	1.102%
91	17.374	2442	2446	2453	rBV3	2238710	3635338	13.11%	0.854%
92	17.821	2518	2522	2532	rBV2	1663184	3517763	12.68%	0.826%
93	18.015	2551	2555	2560	rVB	1518139	2547178	9.18%	0.598%
94	18.174	2578	2582	2585	rBV2	1303179	1785749	6.44%	0.419%
95	18.280	2595	2600	2604	rBV4	1492873	3251589	11.72%	0.764%
96	19.662	2831	2835	2839	rVB	1491615	1833488	6.61%	0.431%
97	21.092	3076	3078	3087	rVB	358235	412981	1.49%	0.097%
98	21.439	3133	3137	3147	rVB	624920	823397	2.97%	0.193%
99	23.656	3508	3514	3523	rVB2	668868	1314006	4.74%	0.309%
100	23.809	3535	3540	3551	rVB	340810	669239	2.41%	0.157%

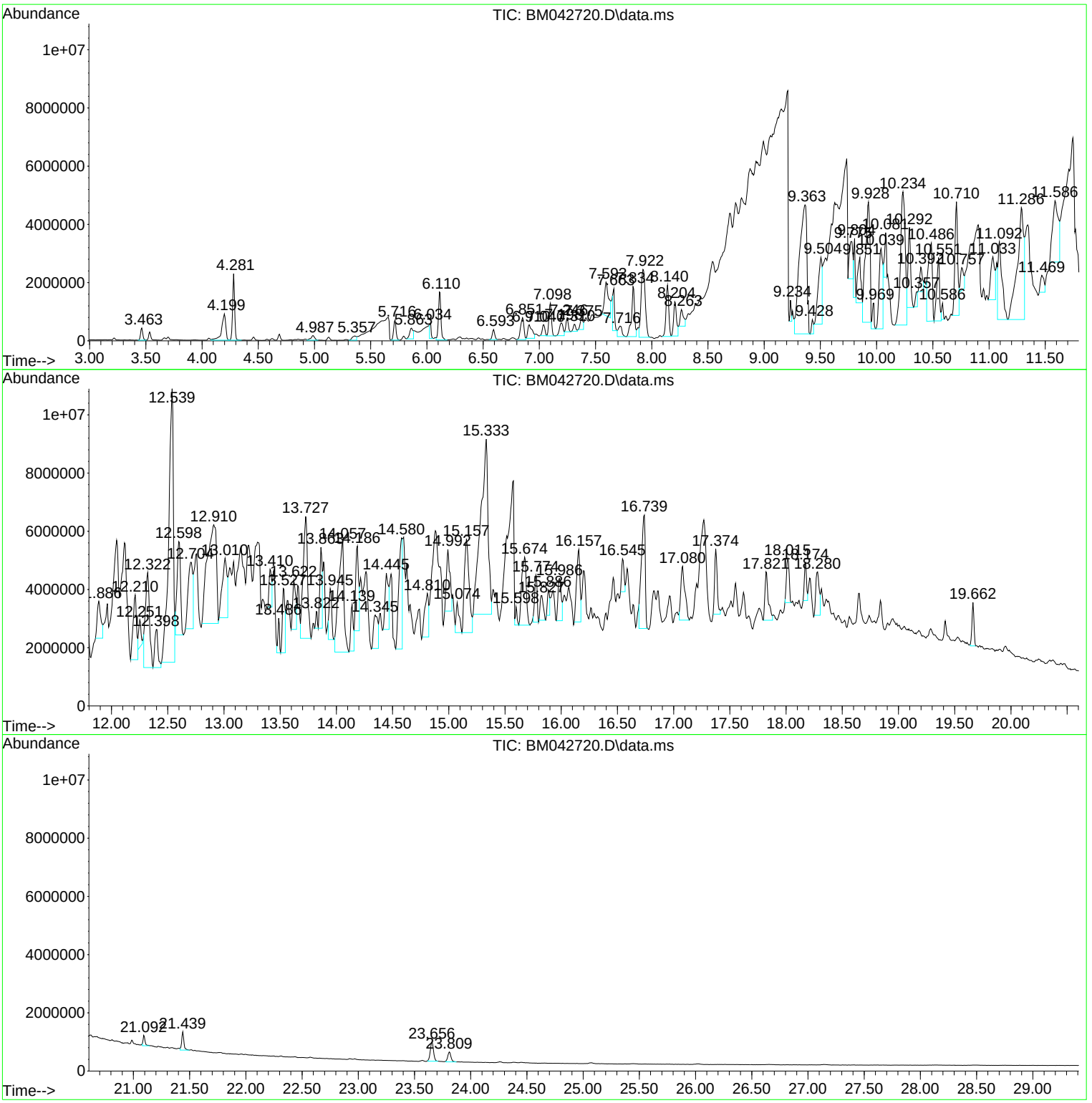
Sum of corrected areas: 425833852

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

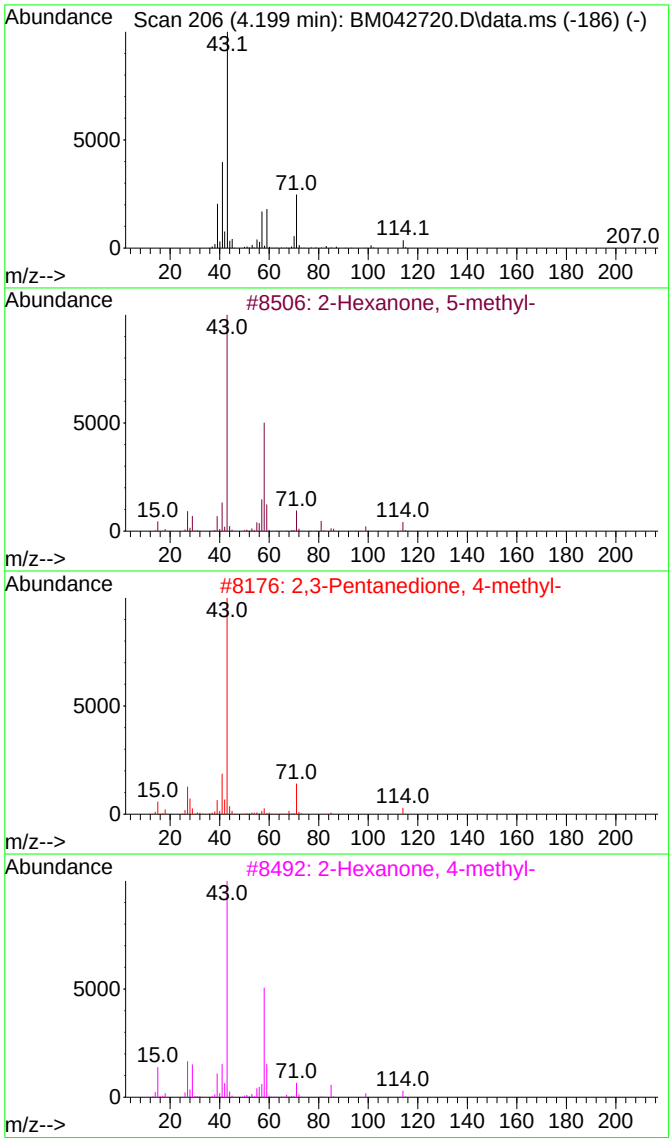
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

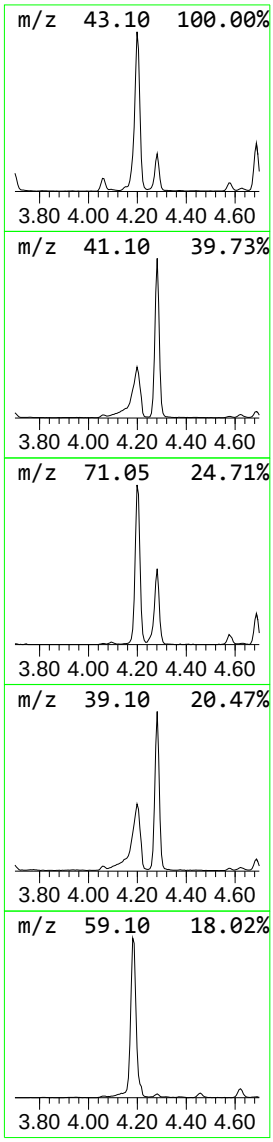
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Hexanone, 5-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.199	13.92 ng/ul	2277520	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
2	2,3-Pentanedione, 4-methyl-	114	C6H10O2	007493-58-5	49
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	46
5	2-Heptanone	114	C7H14O	000110-43-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

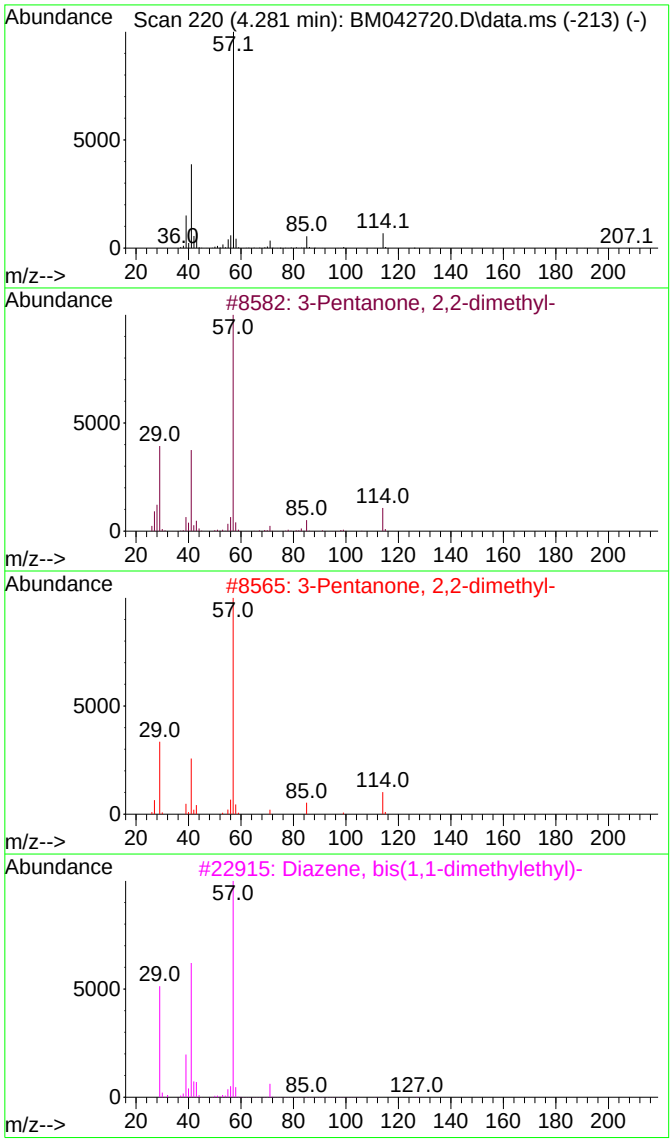
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

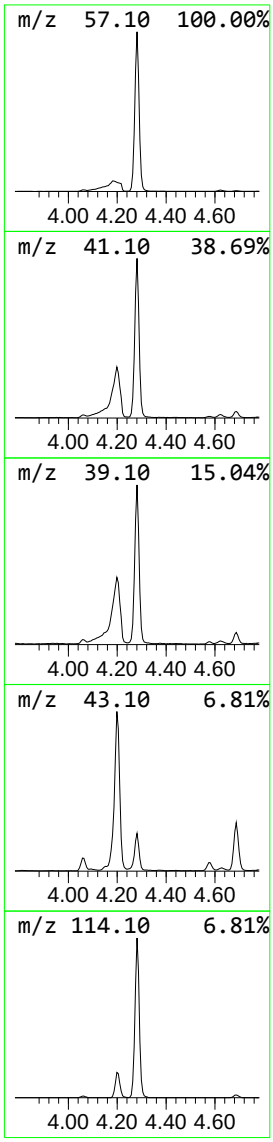
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanone, 2,2-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.281	17.40 ng/ul	2846870	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	80
2	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	72
3	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	64
4	3,3-Dimethyl-2-oxobutanoic acid	130	C6H10O3	000815-17-8	59
5	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

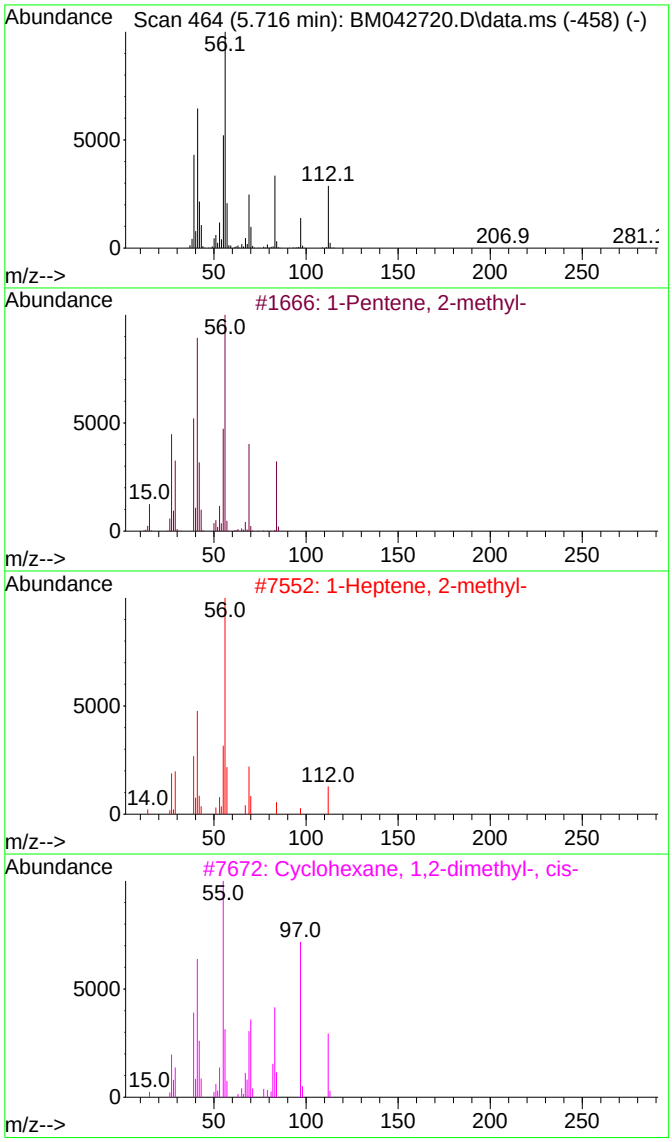
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

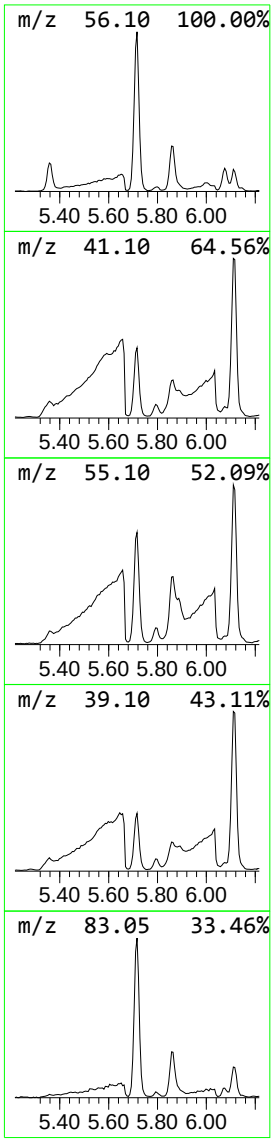
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.716	6.16 ng/ul	1007960	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	62
2	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	47
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	47
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	43
5	2-Propanone, (1-methylethylidene...	112	C6H12N2	000627-70-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

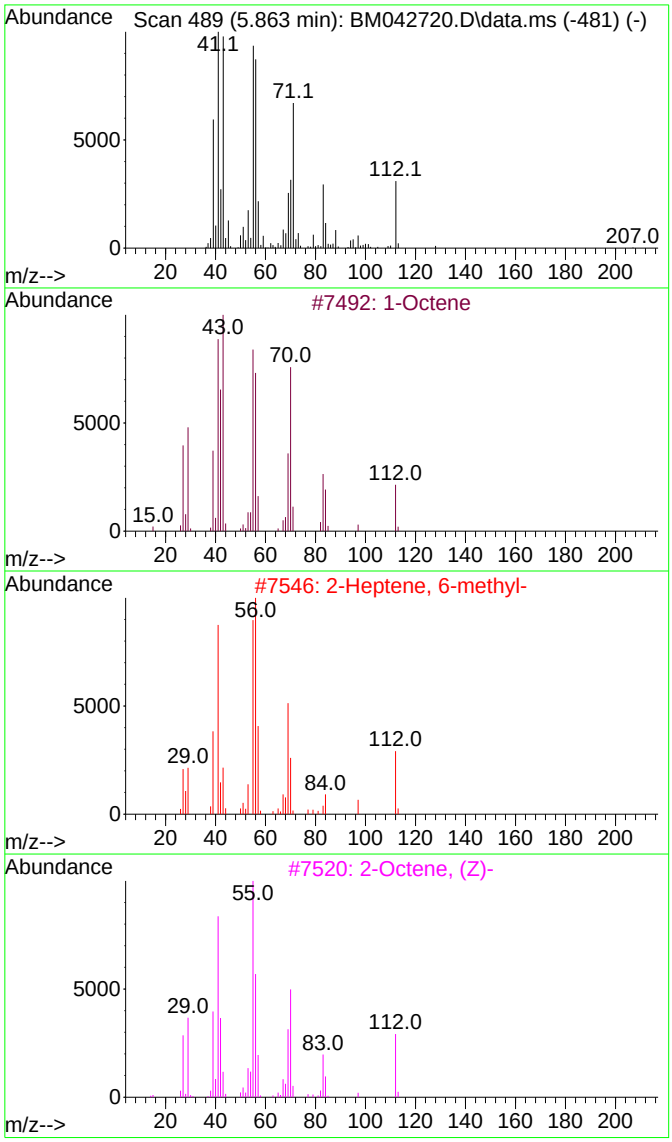
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

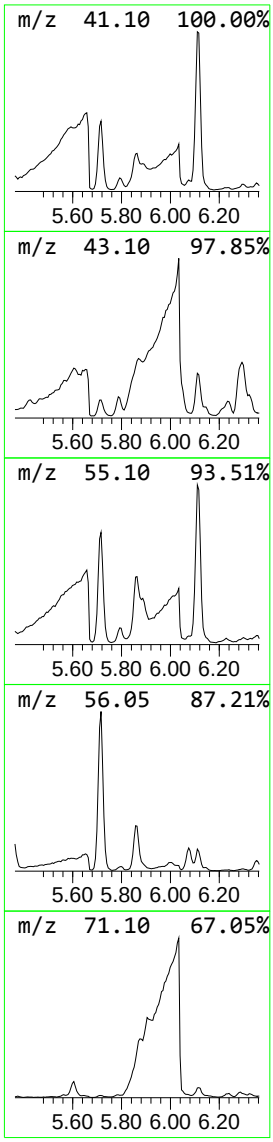
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.863	4.93 ng/ul	805846	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene	112	C8H16	000111-66-0	55
2	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	53
3	2-Octene, (Z)-	112	C8H16	007642-04-8	52
4	3-Octene, (E)-	112	C8H16	014919-01-8	46
5	Heptane, 4-methylene-	112	C8H16	015918-08-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

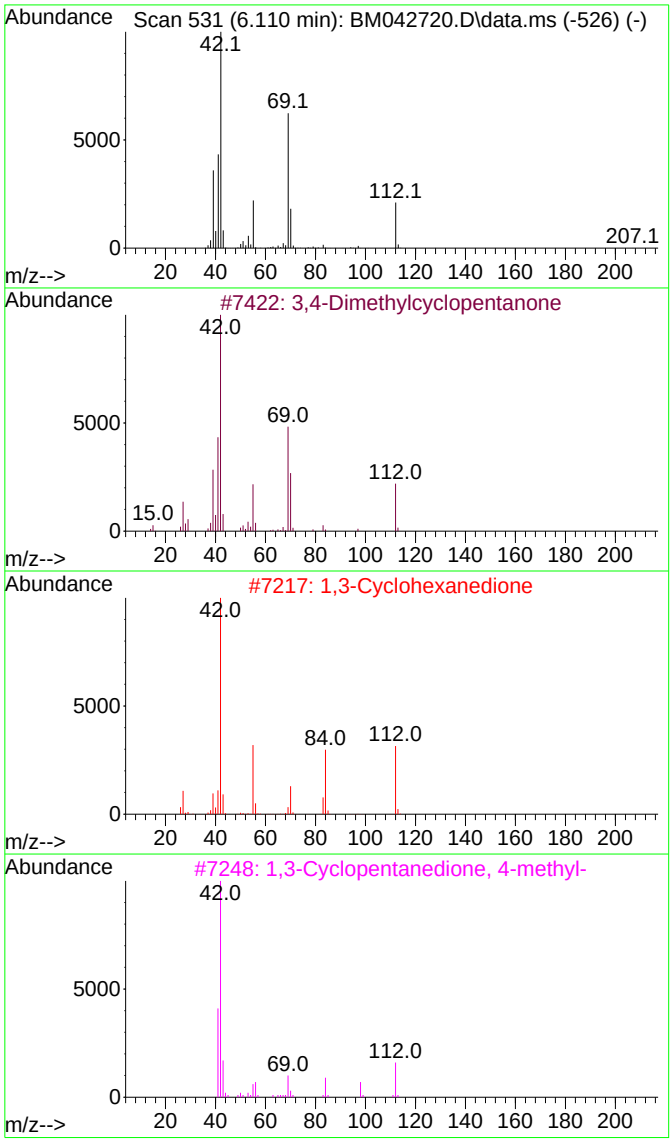
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

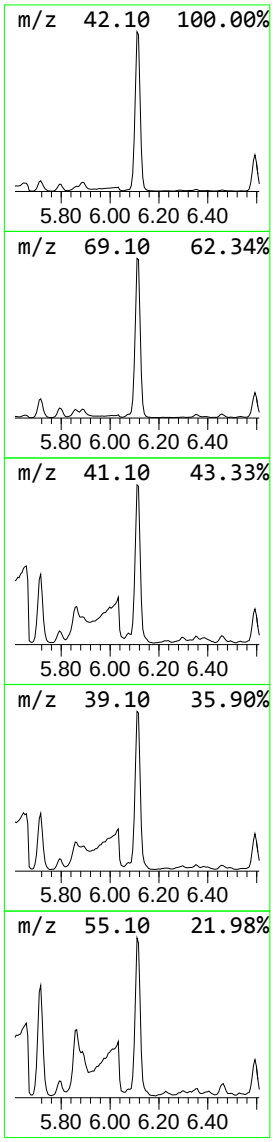
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3,4-Dimethylcyclopentanone Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.110	15.34 ng/ul	2509410	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcyclopentanone	112	C7H12O	058372-16-0	87
2	1,3-Cyclohexanedione	112	C6H8O2	000504-02-9	64
3	1,3-Cyclopentanedione, 4-methyl-	112	C6H8O2	035029-03-9	64
4	1,3-Cyclohexanedione	112	C6H8O2	000504-02-9	64
5	4-Amino-3,5-dimethyl-1,2,4-triazole	112	C4H8N4	003530-15-2	58





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

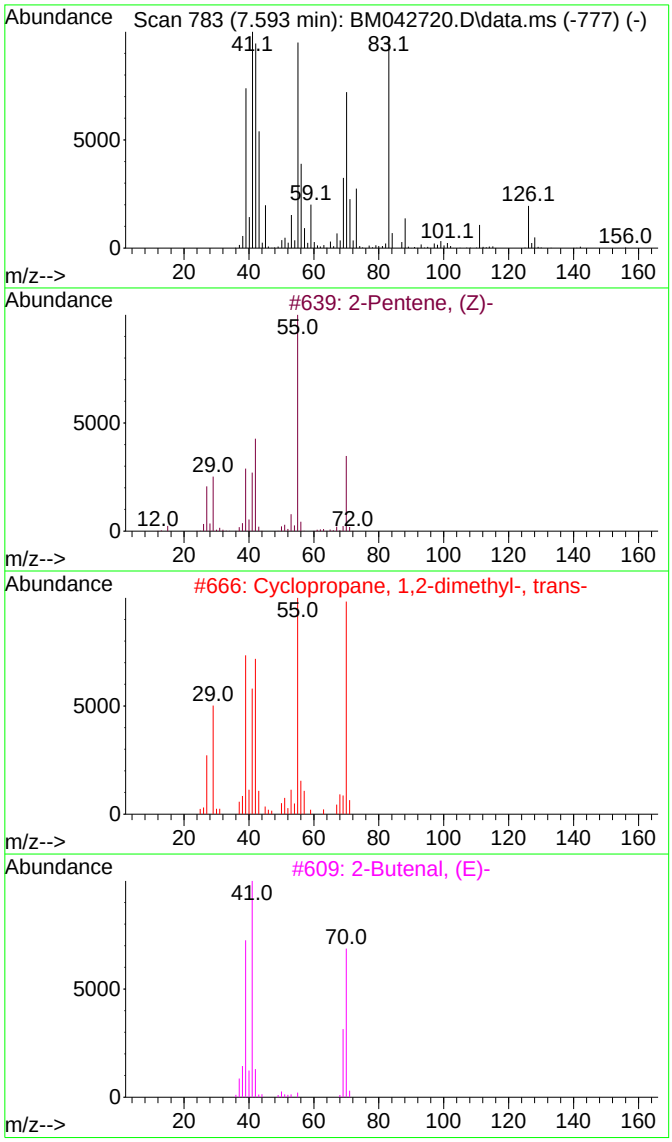
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

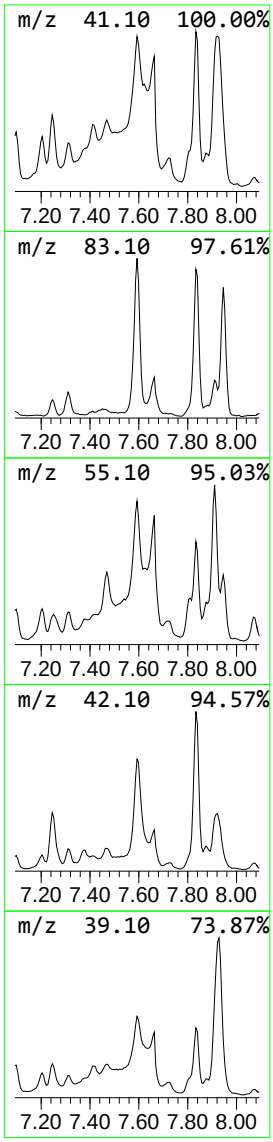
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.593	18.59 ng/ul	3042330	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	53
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	53
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	43
4	2-Butenal	70	C4H6O	004170-30-3	43
5	Methacrolein	70	C4H6O	000078-85-3	43





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Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

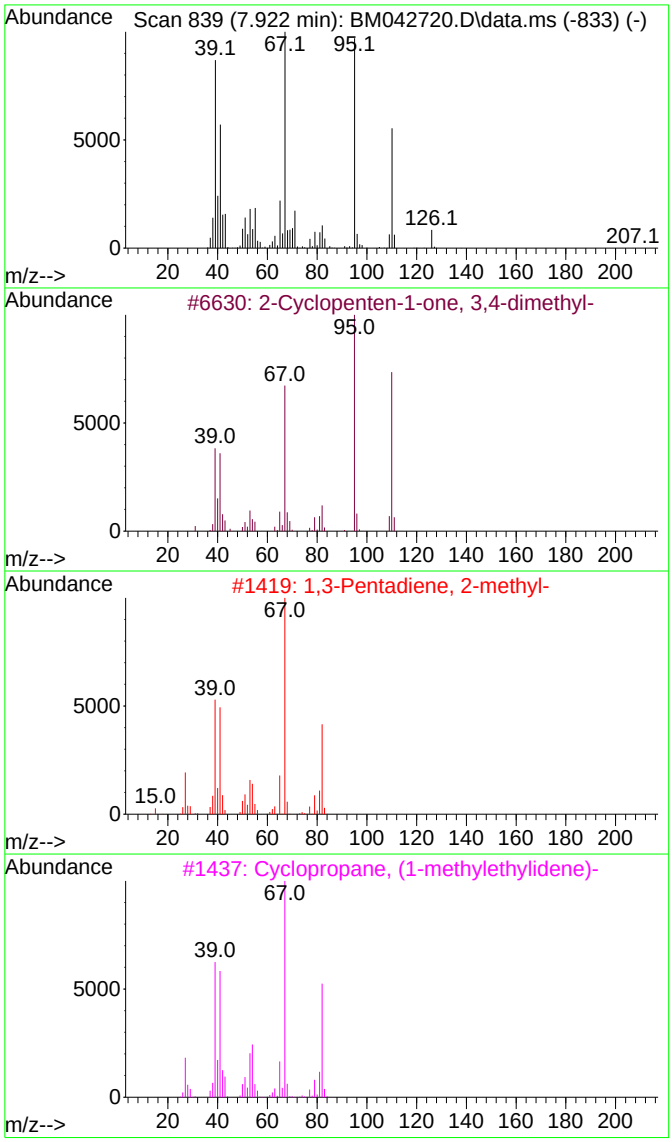
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

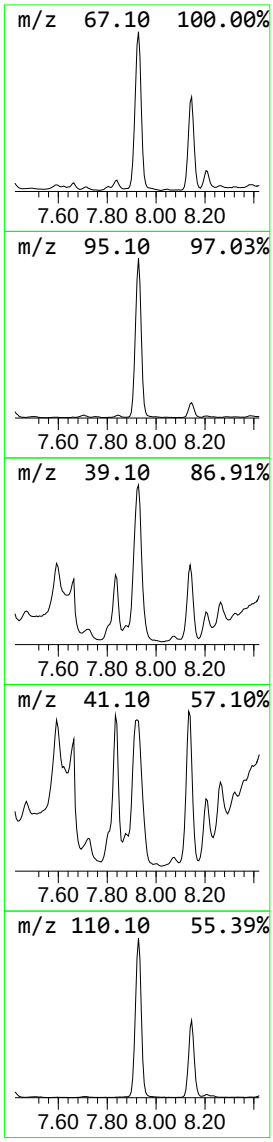
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Cyclopenten-1-one, 3,4-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	36.91 ng/ul	6039310	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	91
2	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	68
3	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	64
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	64
5	trans-1,4-Hexadiene	82	C6H10	007319-00-8	58





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

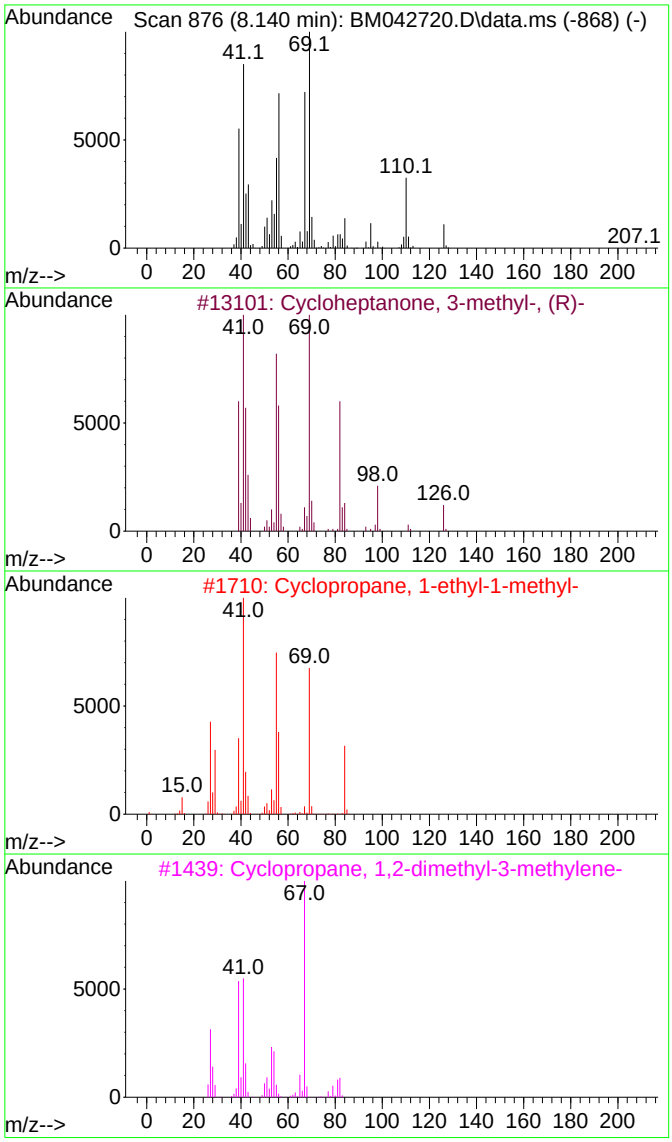
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

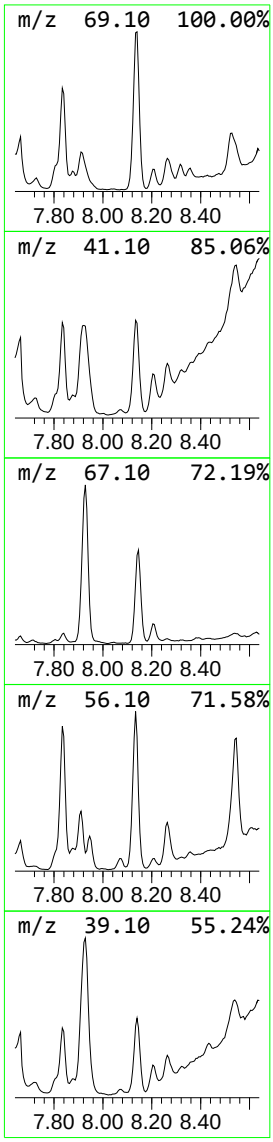
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cycloheptanone, 3-methyl-, ... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.140	18.38 ng/ul	3006630	1,4-Dichlorobenzene-d4	7.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanone, 3-methyl-, (R)-	126	C8H14O	013609-58-0	50
2	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	43
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	38
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	35
5	2-Methyl-2-octene	126	C9H18	016993-86-5	35





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Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

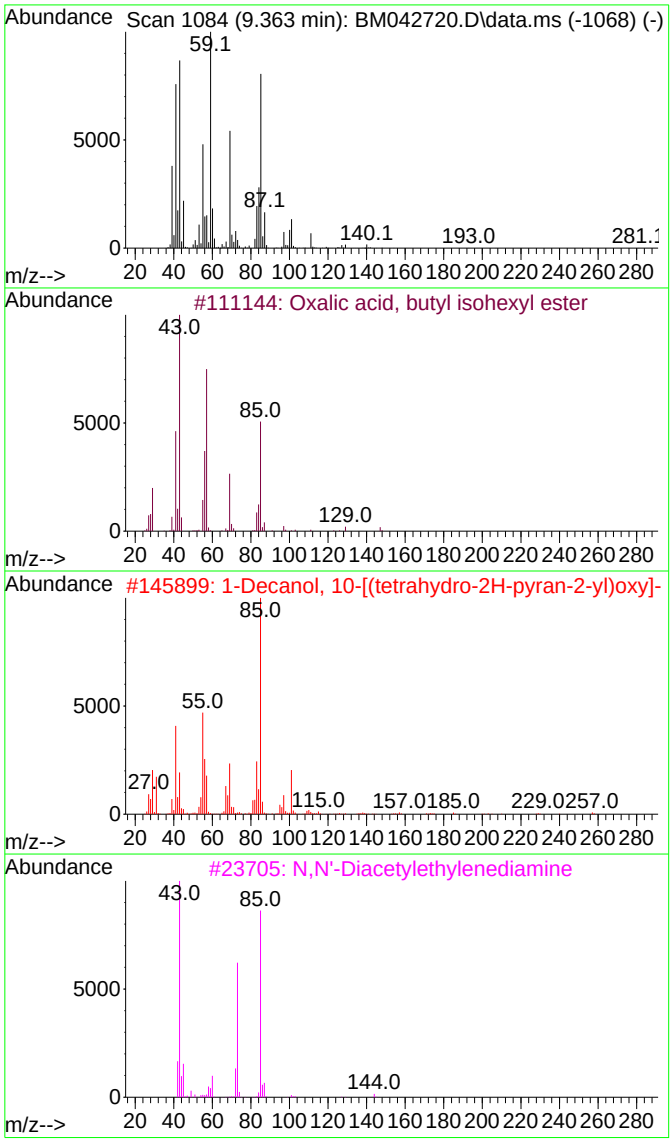
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

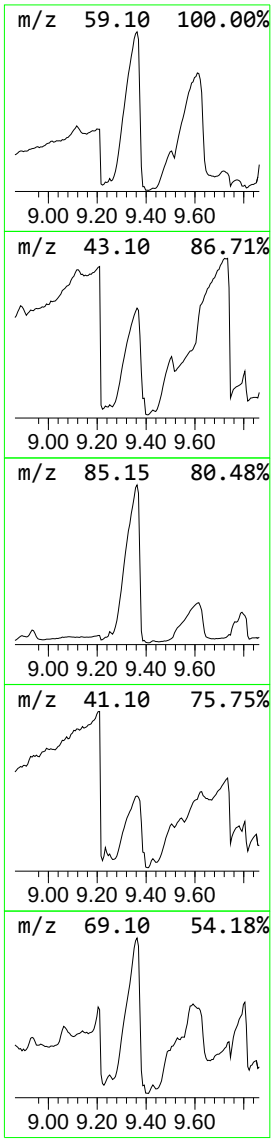
****

Peak Number 23 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	58.23 ng/ul	20121900	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	35
2	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	35
3	N,N'-Diacetylethylenediamine	144	C6H12N2O2	000871-78-3	27
4	Silane, ethenyltrimethyl-	100	C5H12Si	000754-05-2	27
5	Silane, ethenyltrimethyl-	100	C5H12Si	000754-05-2	27





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

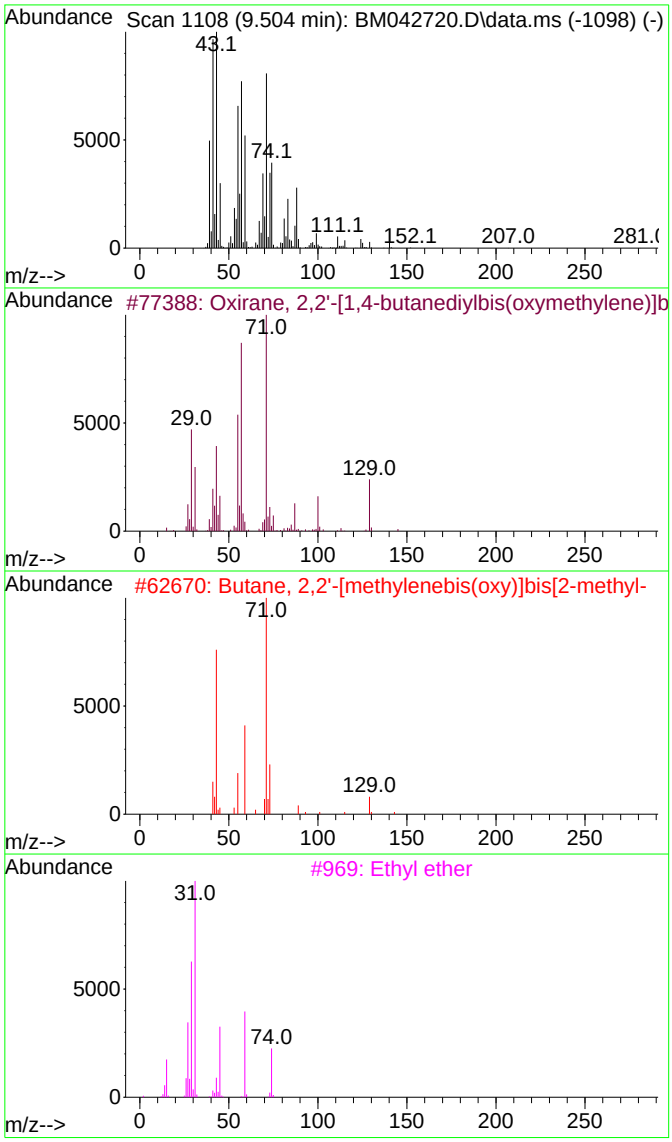
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

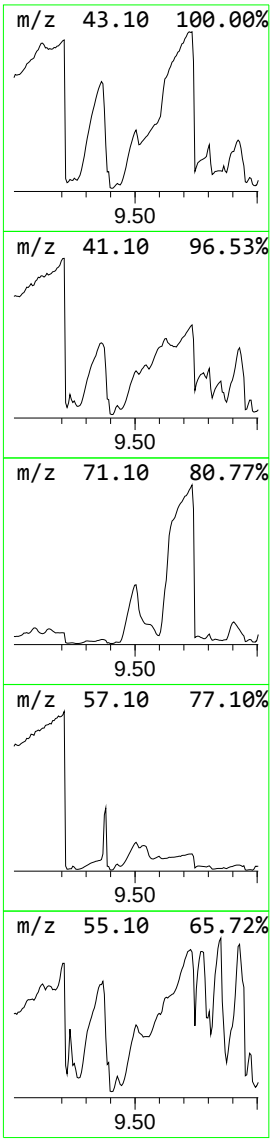
****

Peak Number 24 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	16.40 ng/ul	5667230	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2'-[1,4-butanediylbis...	202	C10H18O4	002425-79-8	35
2	Butane, 2,2'-[methylenebis(oxy)]...	188	C11H24O2	054699-28-4	25
3	Ethyl ether	74	C4H10O	000060-29-7	22
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	22
5	Ethyl ether	74	C4H10O	000060-29-7	22





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

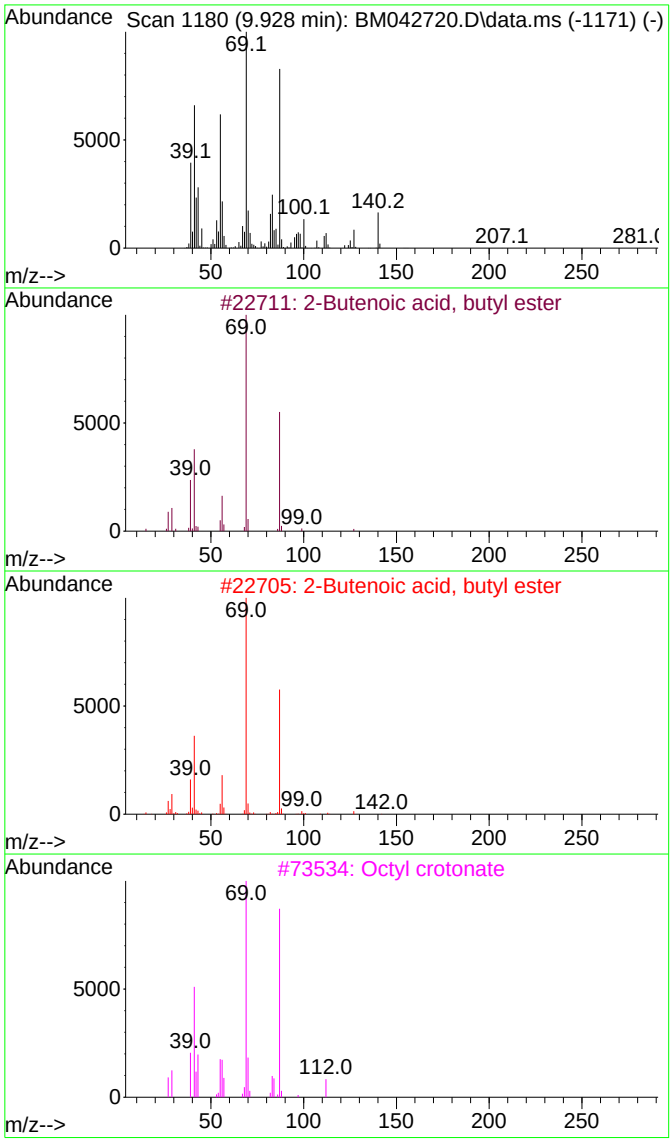
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

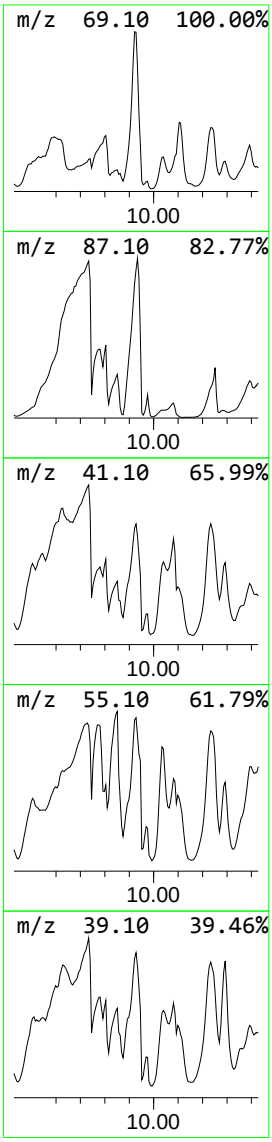
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2-Butenoic acid, butyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	33.55 ng/ul	11595200	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, butyl ester	142	C8H14O2	007299-91-4	59
2	2-Butenoic acid, butyl ester	142	C8H14O2	007299-91-4	50
3	Octyl crotonate	198	C12H22O2	1000429-17-5	50
4	2-Butenoic acid, butyl ester	142	C8H14O2	007299-91-4	50
5	4-Propylcyclohexanone	140	C9H16O	040649-36-3	38





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

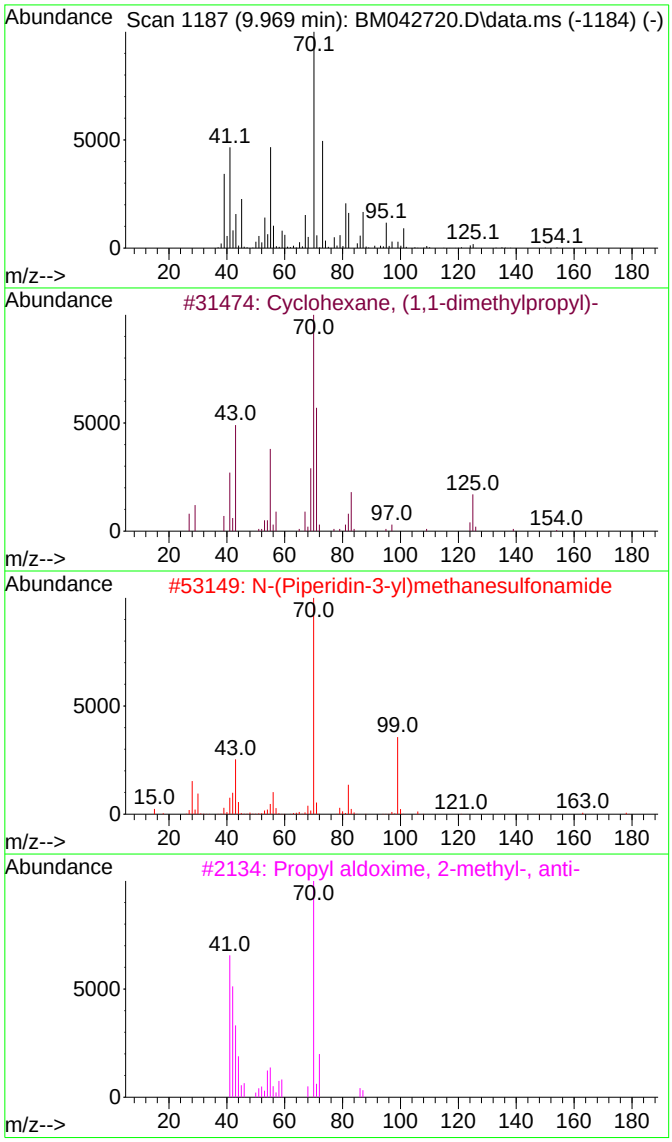
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

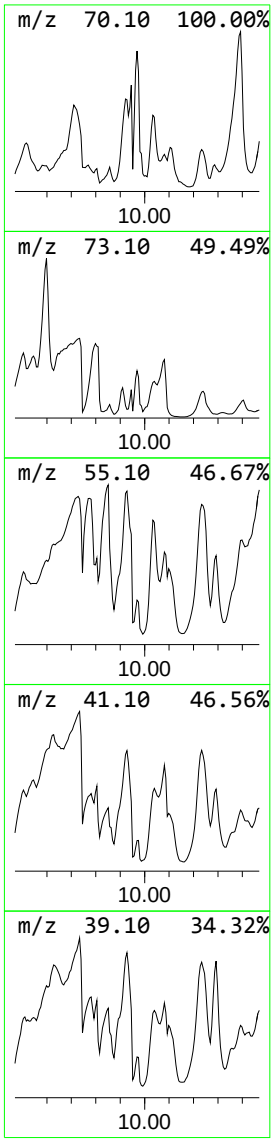
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic9.969 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.969	2.85 ng/ul	985464	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	46
2	N-(Piperidin-3-yl)methanesulfona...	178	C6H14N2O2S	944068-21-7	38
3	Propyl aldoxime, 2-methyl-, anti-	87	C4H9NO	005775-73-5	37
4	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	32
5	2-Amino-2-cyclopropylacetic acid	115	C5H9NO2	015785-26-9	32





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

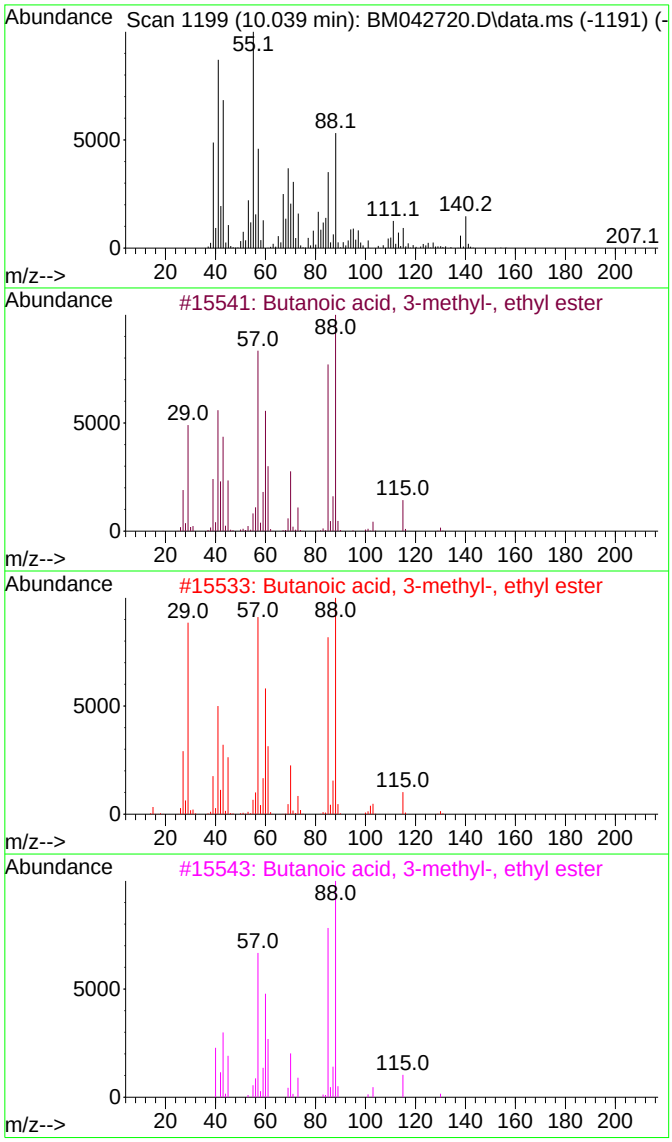
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

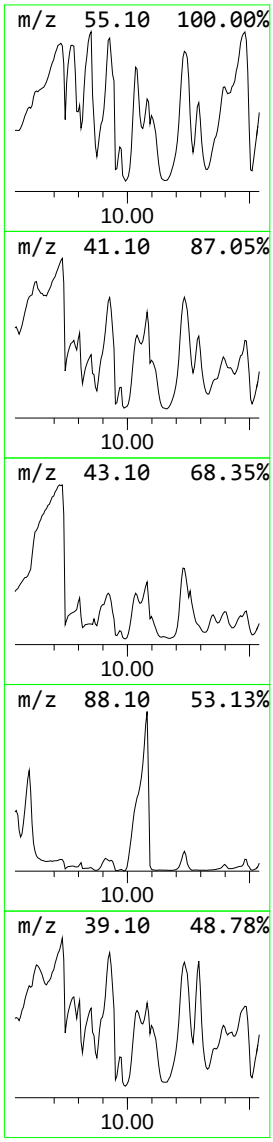
****

Peak Number 28 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	18.61 ng/ul	6429440	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, ethyl ...	130	C7H14O2	000108-64-5	43
2	Butanoic acid, 3-methyl-, ethyl ...	130	C7H14O2	000108-64-5	38
3	Butanoic acid, 3-methyl-, ethyl ...	130	C7H14O2	000108-64-5	38
4	Butanoic acid, 3-methyl-, ethyl ...	130	C7H14O2	000108-64-5	35
5	Octane, 4-methyl-	128	C9H20	002216-34-4	27





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Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

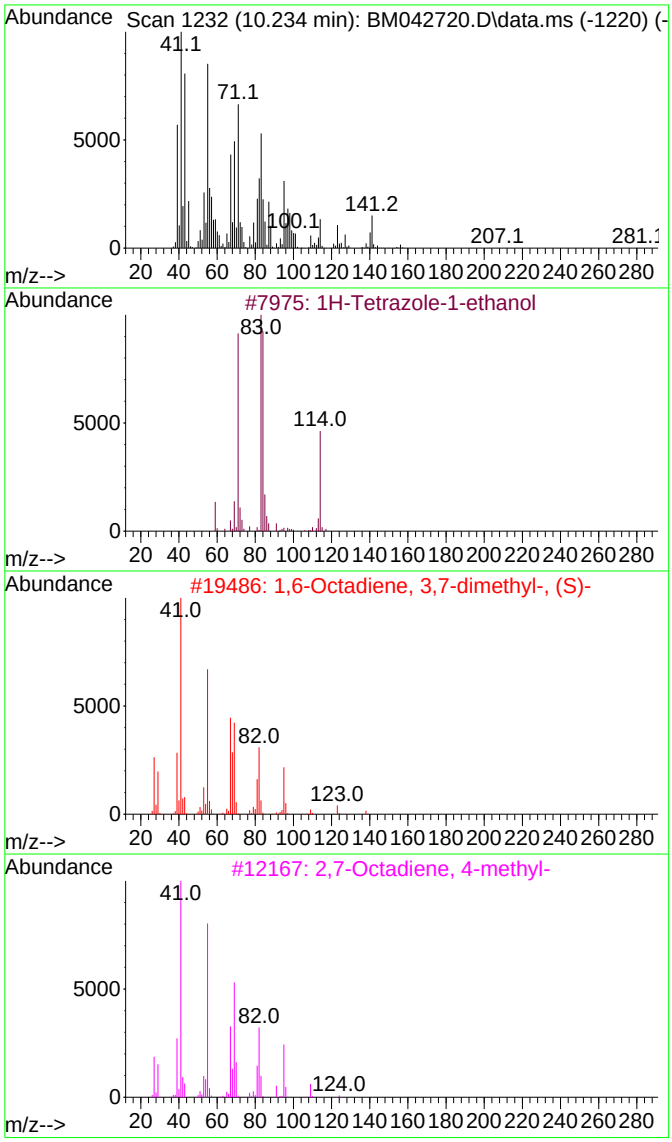
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

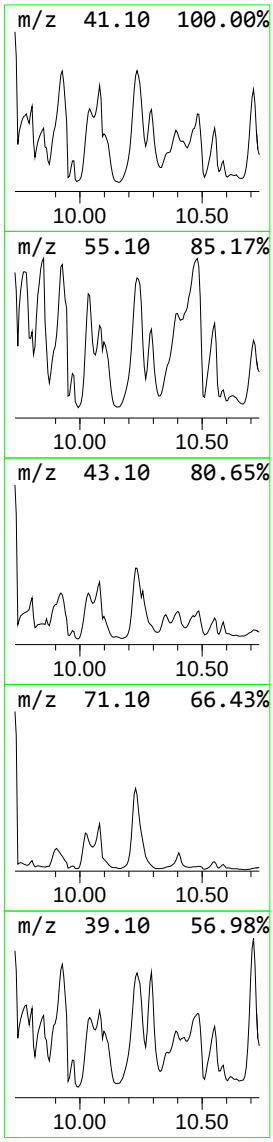
****

Peak Number 30 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	39.39 ng/ul	13610900	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazole-1-ethanol	114	C3H6N4O	015284-25-0	30
2	1,6-Octadiene, 3,7-dimethyl-, (S)-	138	C10H18	010281-55-7	20
3	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	18
4	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	14
5	Cyclohexanemethanol	114	C7H14O	000100-49-2	14





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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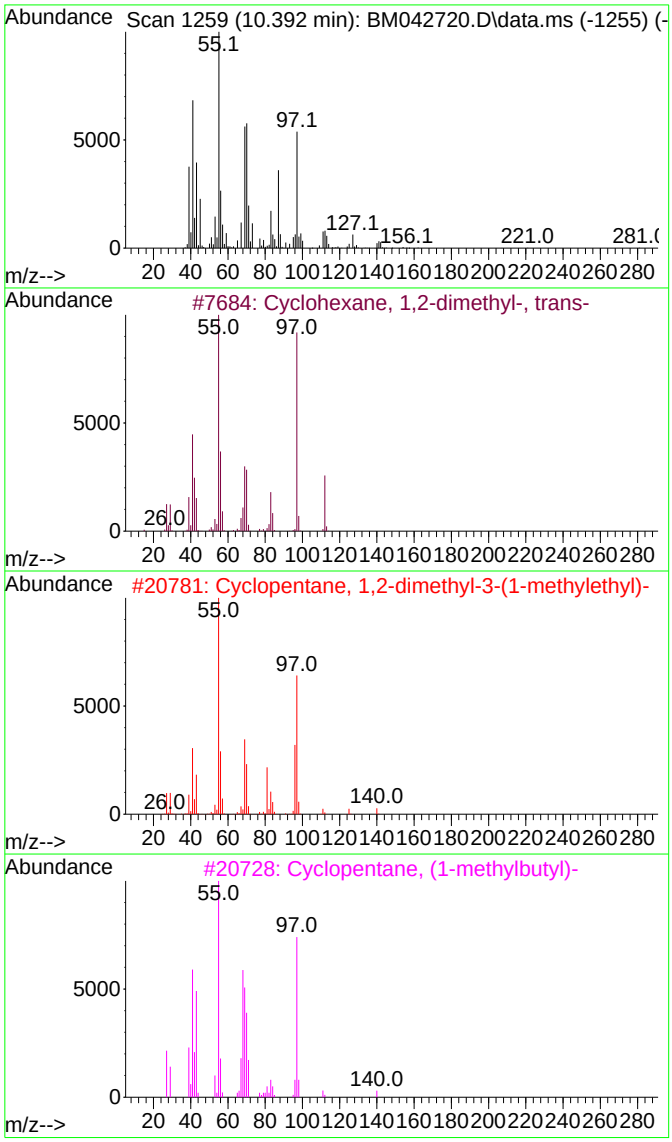
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

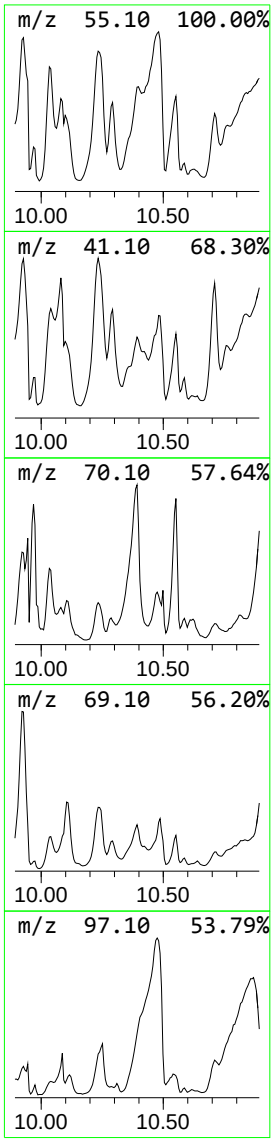
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic10.392 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	4.18 ng/ul	1445610	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
2	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	38
3	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	38
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

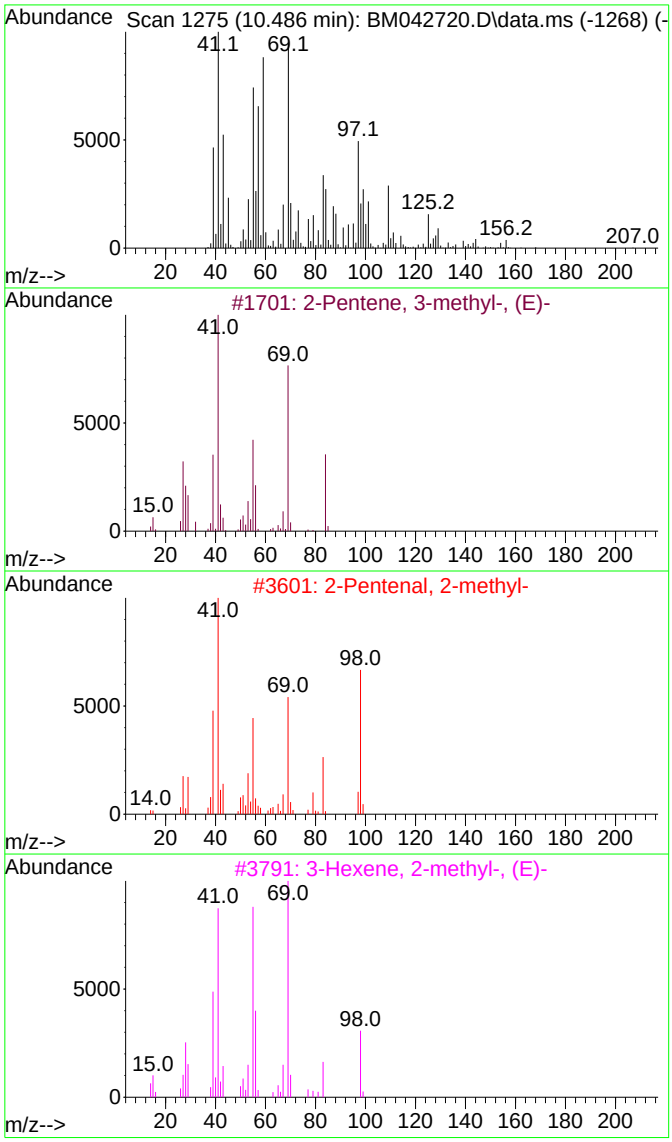
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

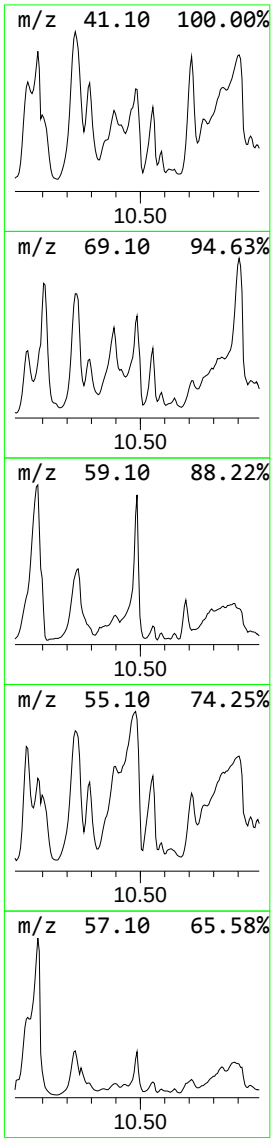
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	19.39 ng/ul	6699450	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	35
2	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	35
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	18
4	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	18
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	18





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Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

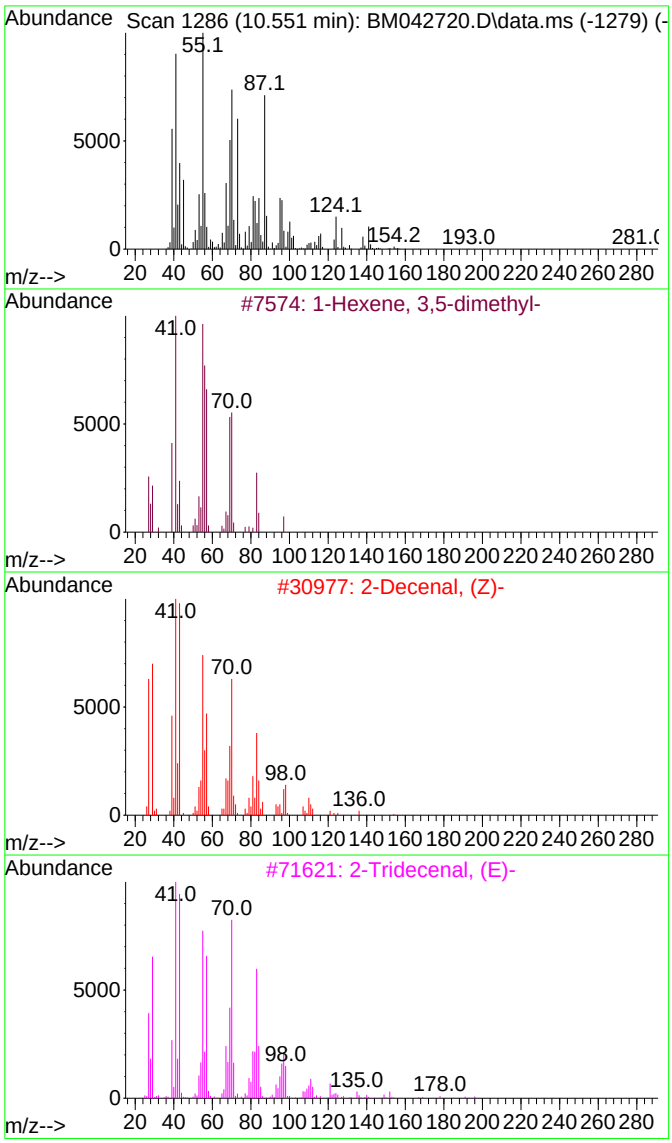
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

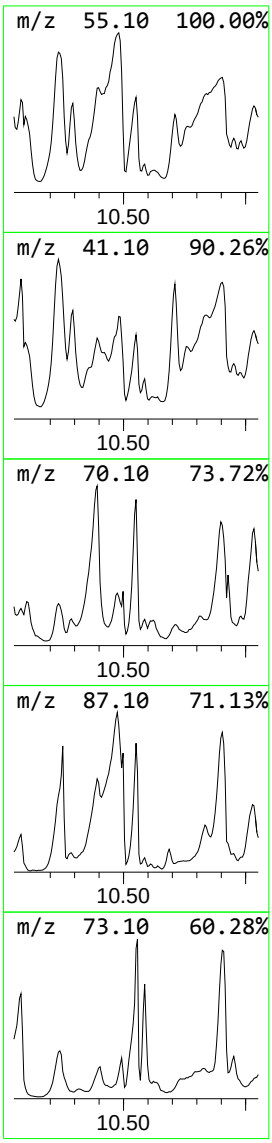
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	11.21 ng/ul	3874370	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	27
2	2-Decenal, (Z)-	154	C10H18O	002497-25-8	27
3	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	27
4	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	27
5	3-Methylbutyl 2-ethylhexanoate	214	C13H26O2	1000099-99-3	25





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

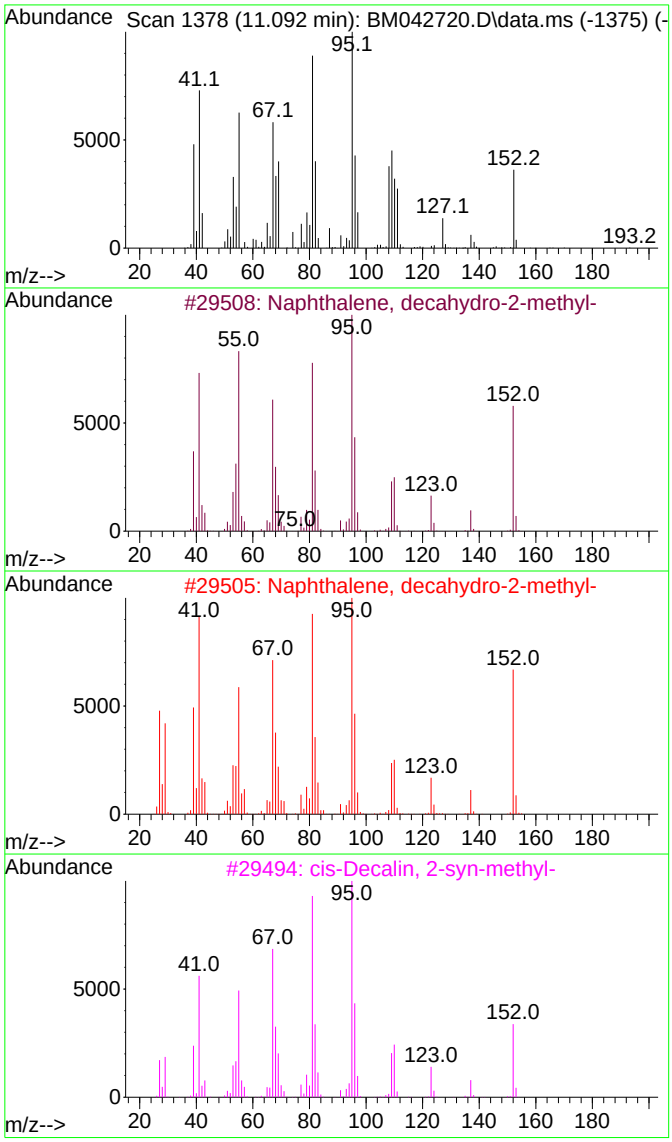
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

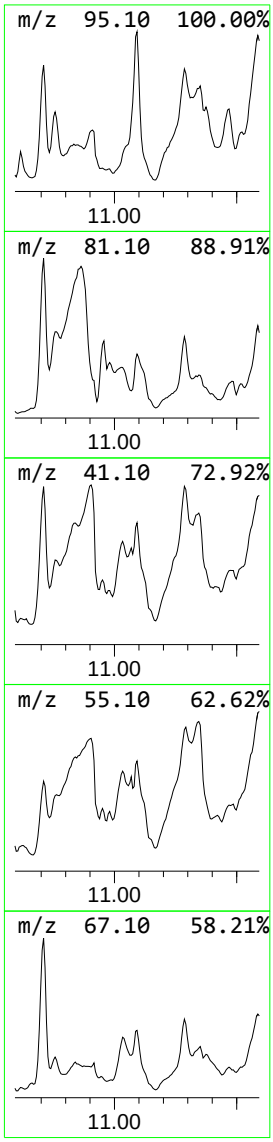
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, decahydro-2-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.092	18.60 ng/ul	6429140	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	64
5	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	58





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

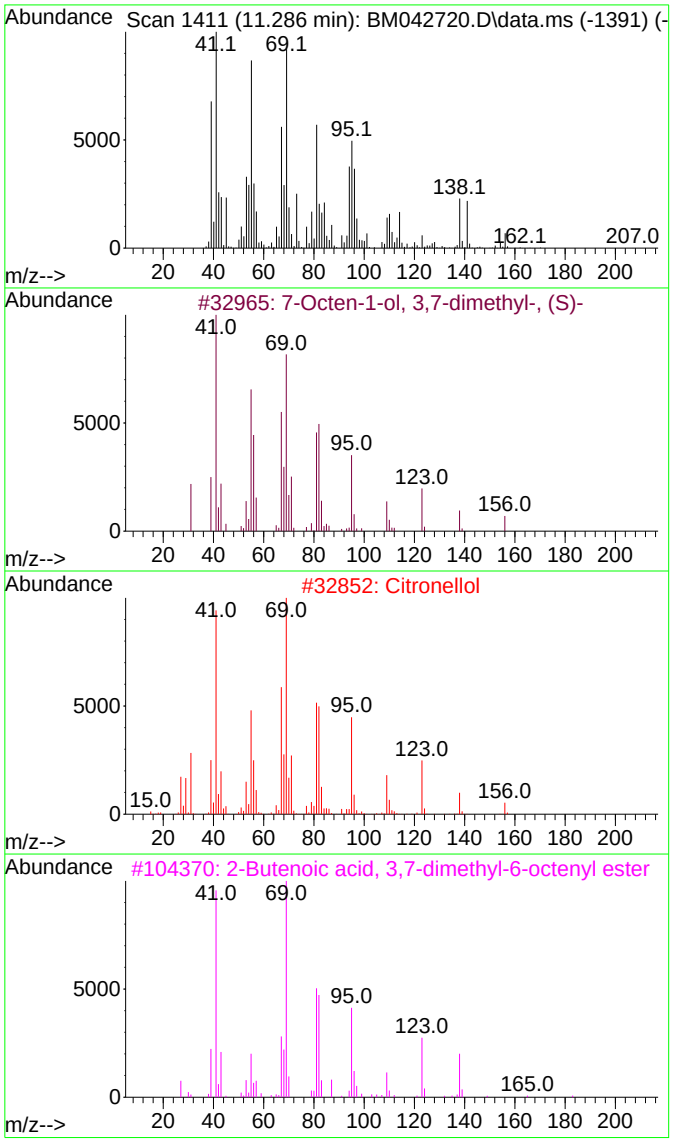
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

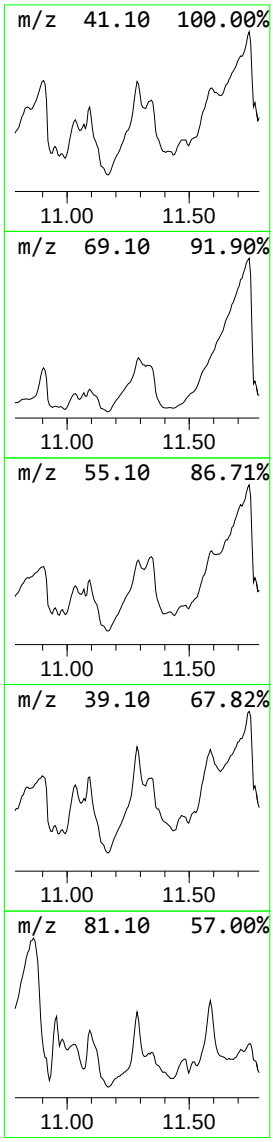
****

Peak Number 37 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	46.65 ng/ul	16119400	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-1-ol, 3,7-dimethyl-, (S)-	156	C10H20O	006812-78-8	49
2	Citronellol	156	C10H20O	000106-22-9	46
3	2-Butenoic acid, 3,7-dimethyl-6-...	224	C14H24O2	068039-38-3	46
4	9-Oxabicyclo[3.3.1]non-6-en-2-one	138	C8H10O2	1000190-61-5	35
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	35





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

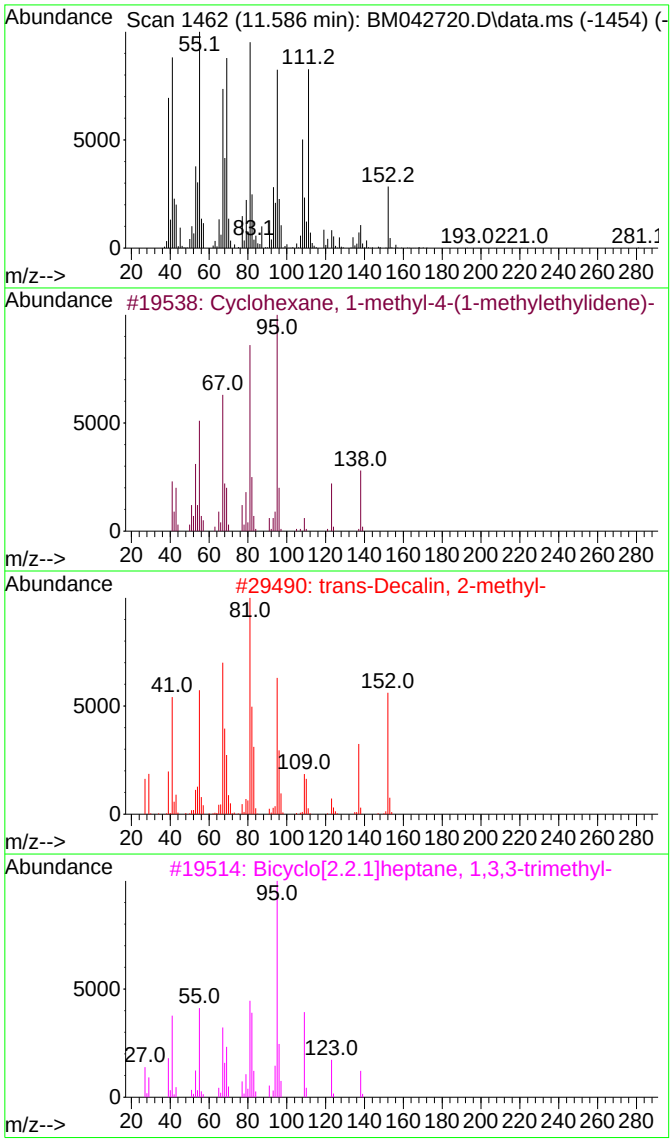
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

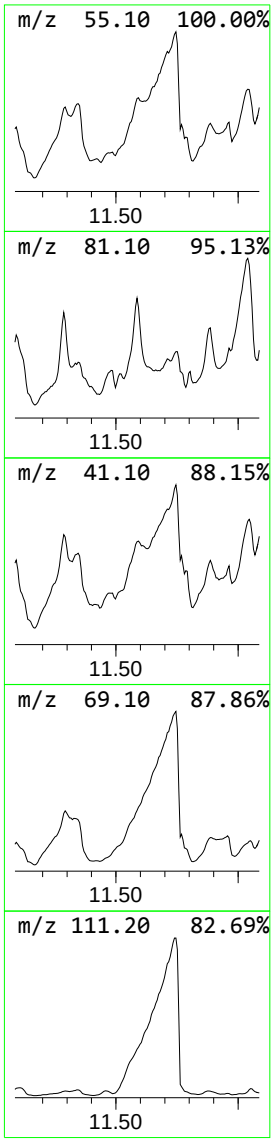
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	22.01 ng/ul	7606820	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	64
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
3	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	42
4	Spiro[4.5]decan-6-one	152	C10H16O	013388-94-8	42
5	Spiro[4.5]decan-6-one	152	C10H16O	013388-94-8	41





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Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

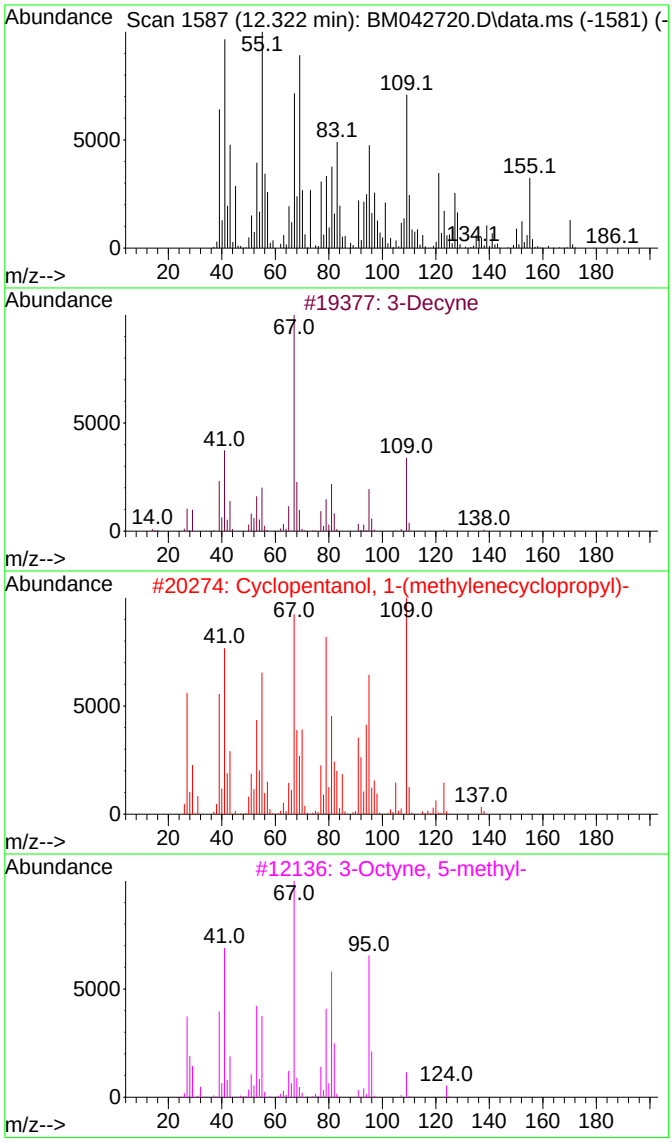
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

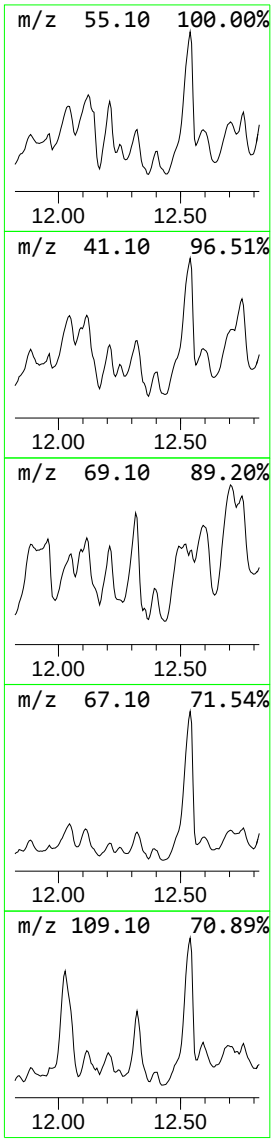
****

Peak Number 43 unknown-06 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	24.08 ng/ul	8320760	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Decyne	138	C10H18	002384-85-2	49
2	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	49
3	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	46
4	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	40
5	4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	38





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

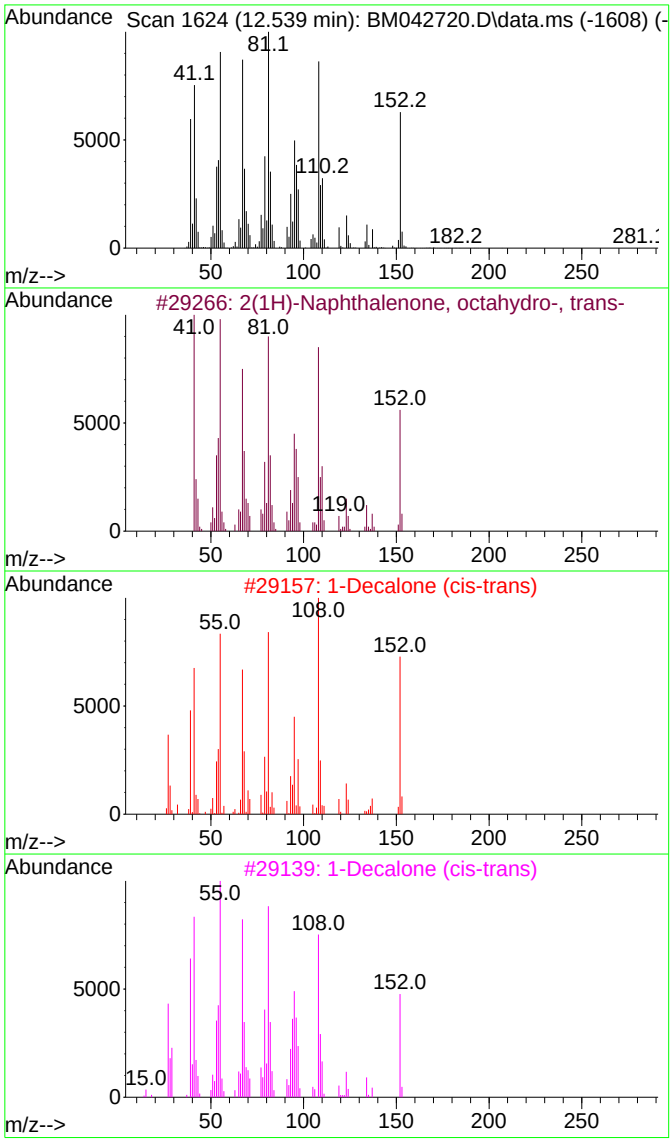
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

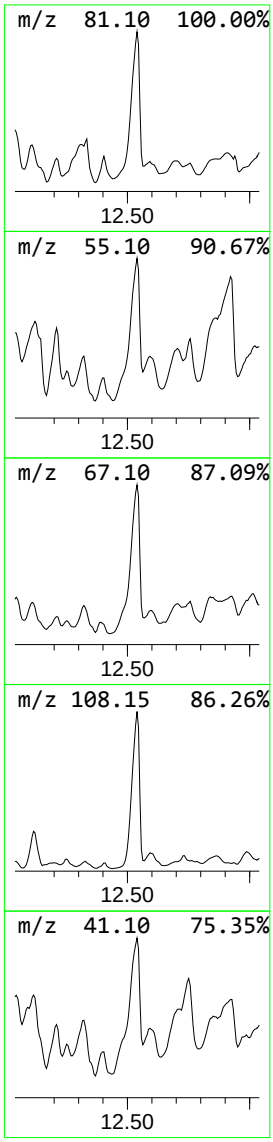
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 2(1H)-Naphthalenone, octahy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	79.08 ng/ul	27328200	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	97
3	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	95
4	2-Decalone,c&t	152	C10H16O	004832-17-1	93
5	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	89





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

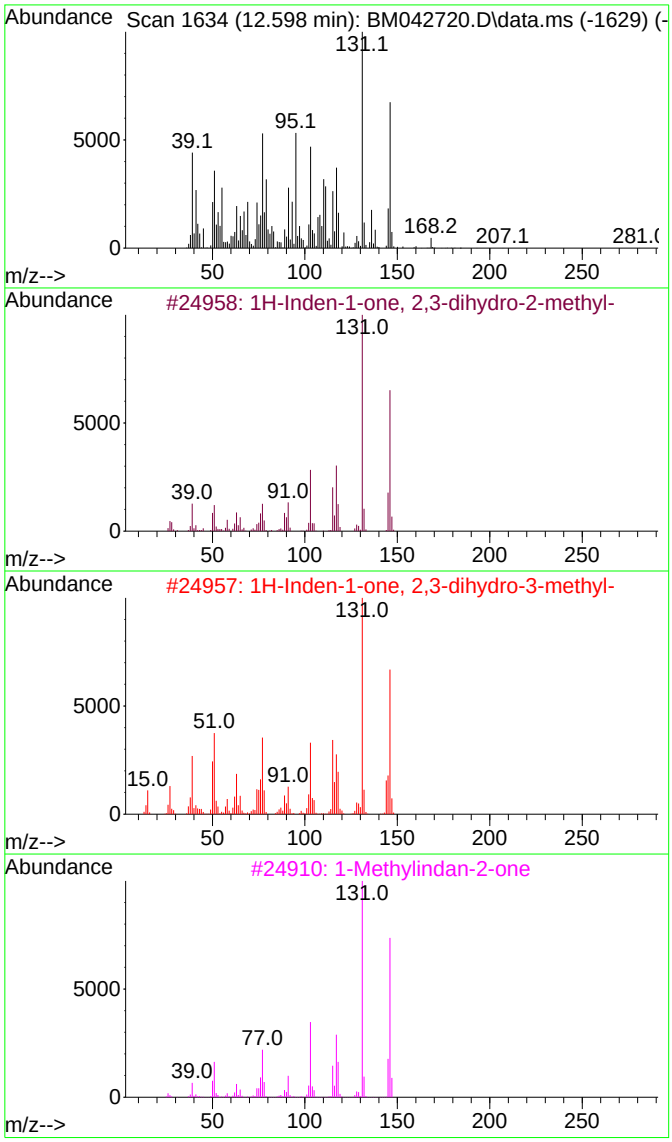
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

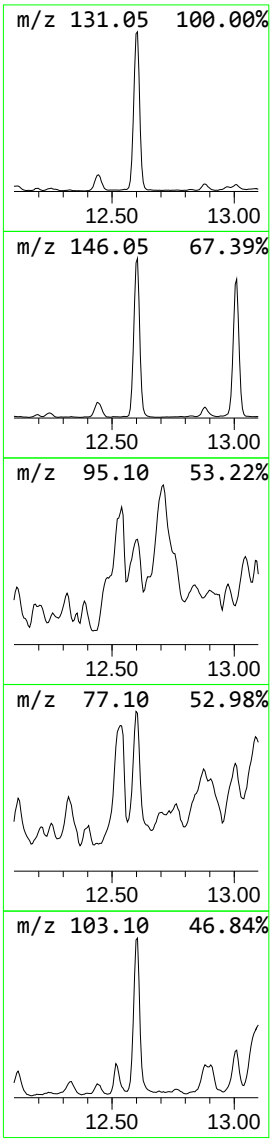
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	32.84 ng/ul	6847150	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	78
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	78
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	70
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	64
5	1-Phenyldodec-1-en-3-one	258	C18H26O	872268-56-9	46





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

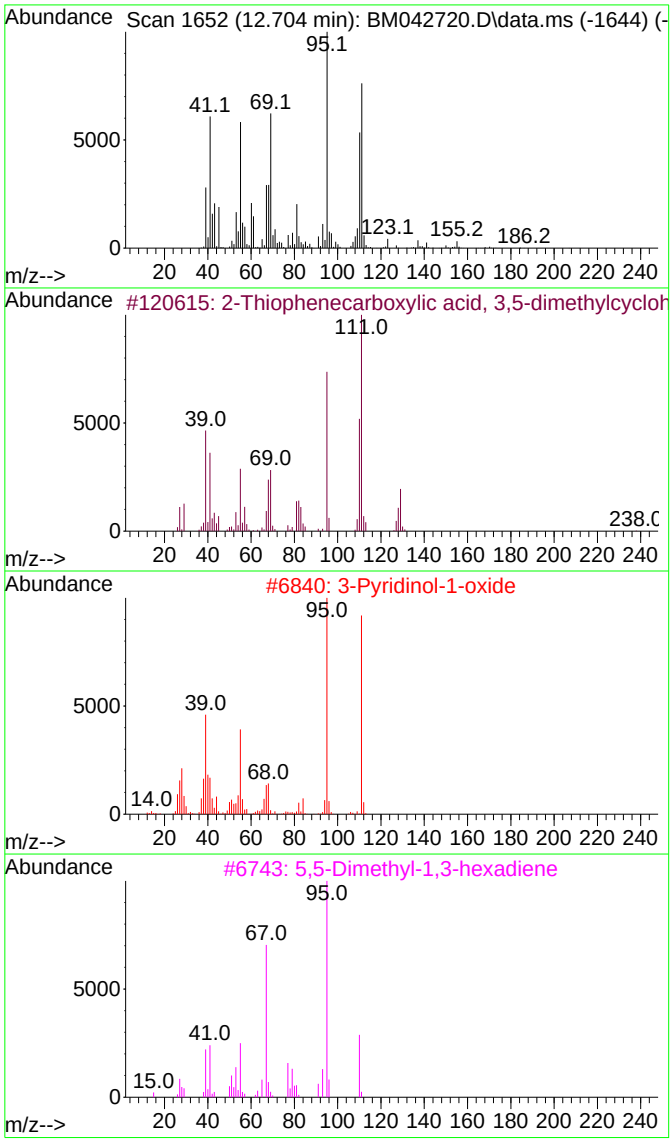
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

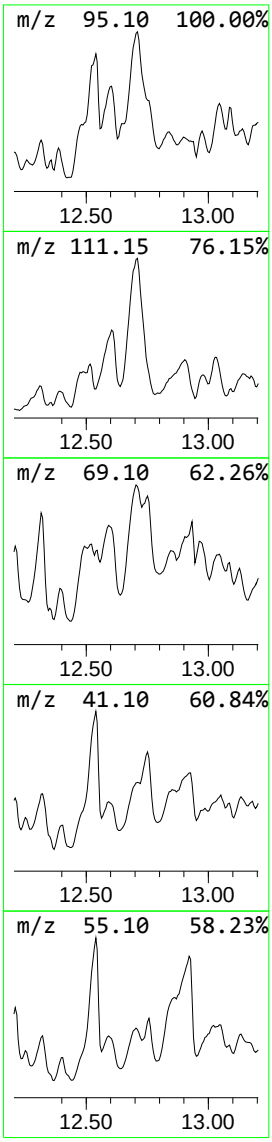
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 2-Thiophenecarboxylic acid,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	33.03 ng/ul	6885480	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	59
2	3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	47
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	45
4	Hepten-2-yl tiglate, 6-methyl-5-	210	C13H22O2	1000383-64-5	38
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	38





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Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

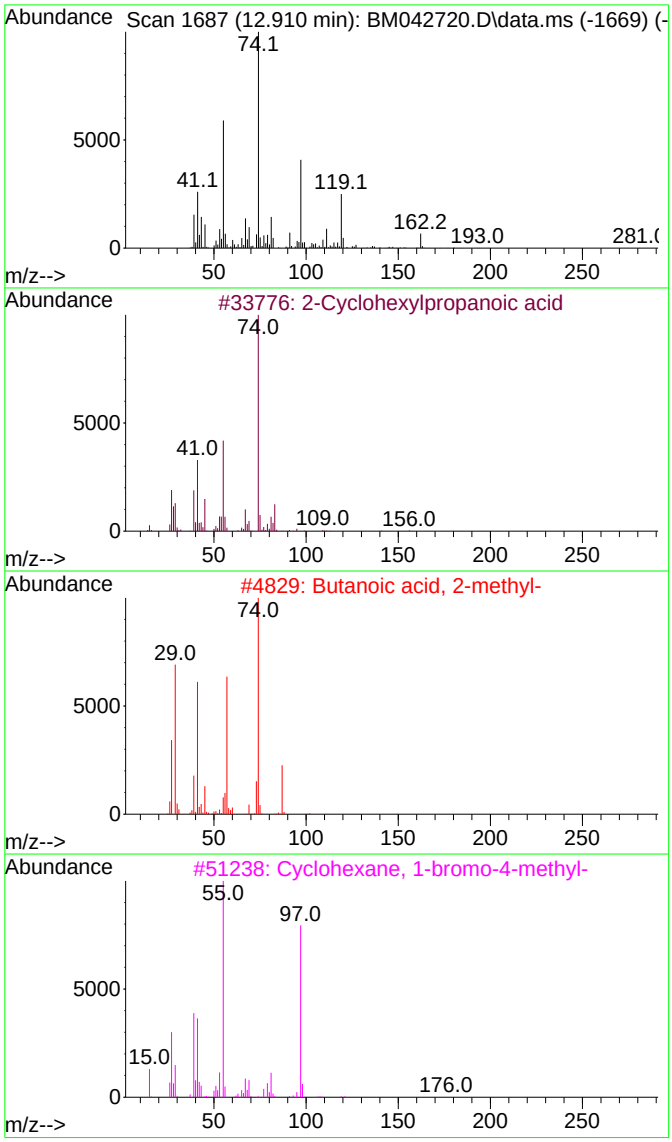
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

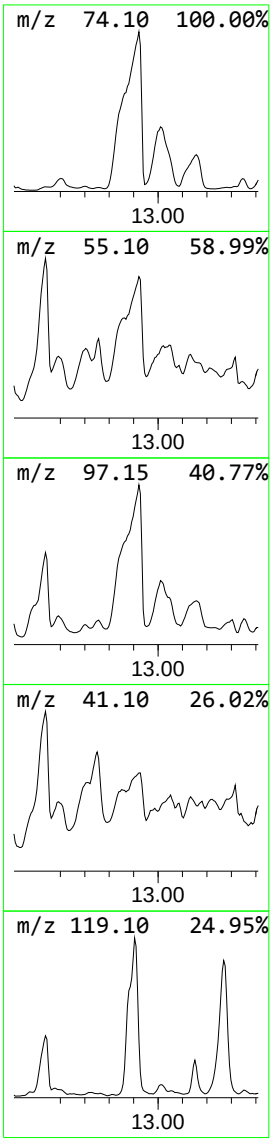
****

Peak Number 48 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	92.58 ng/ul	19300100	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexylpropanoic acid	156	C9H16O2	003451-36-3	23
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	17
3	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	14
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	14
5	3-(Dioxolan-2-yl)-1,1-dimethyl-2...	251	C14H21NO3	1000305-98-1	12





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Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

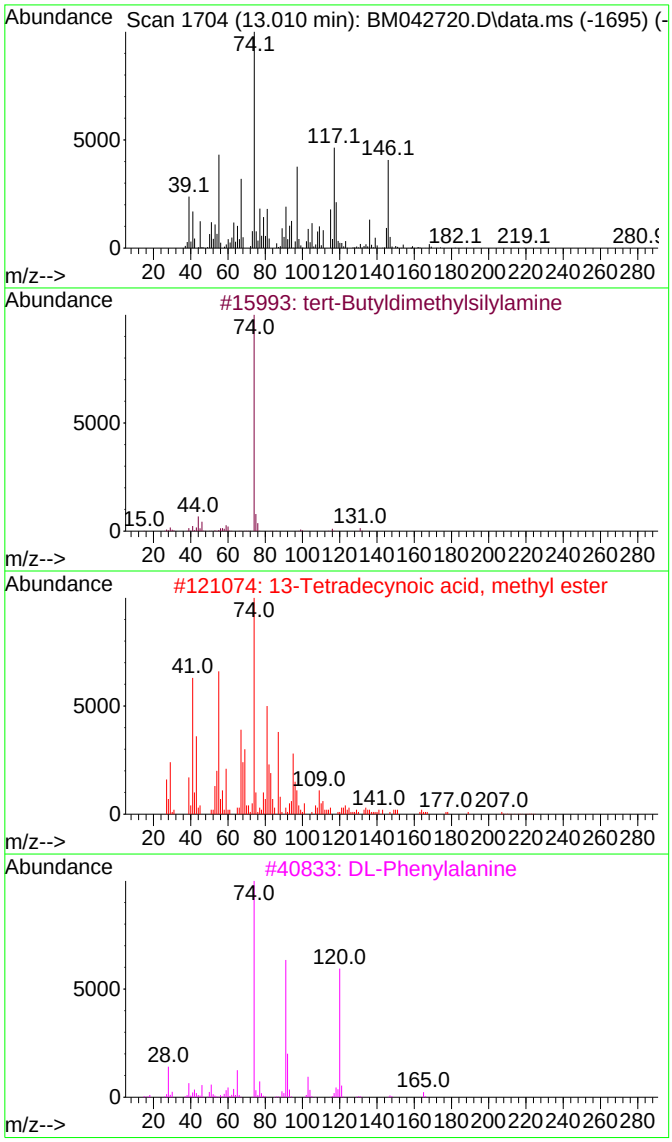
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

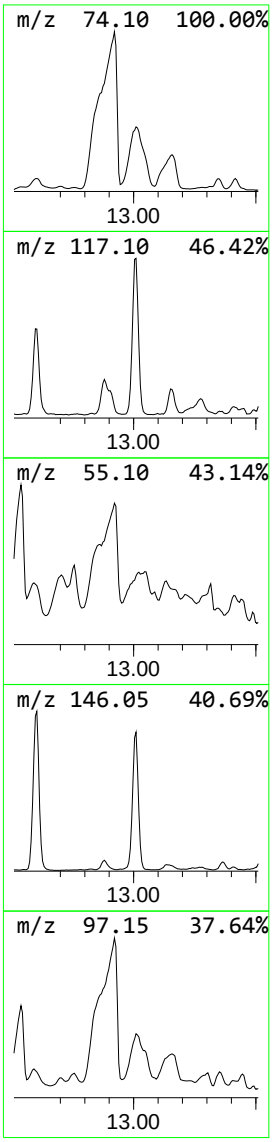
****

Peak Number 49 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	29.39 ng/ul	6126340	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyldimethylsilylamine	131	C6H17NSi	041879-37-2	14
2	13-Tetradecynoic acid, methyl ester	238	C15H26O2	056909-03-6	10
3	DL-Phenylalanine	165	C9H11NO2	000150-30-1	10
4	Cyclopropanepropionic acid, .alp...	155	C8H13NO2	019822-83-4	10
5	Thiirane, methyl-	74	C3H6S	001072-43-1	9





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

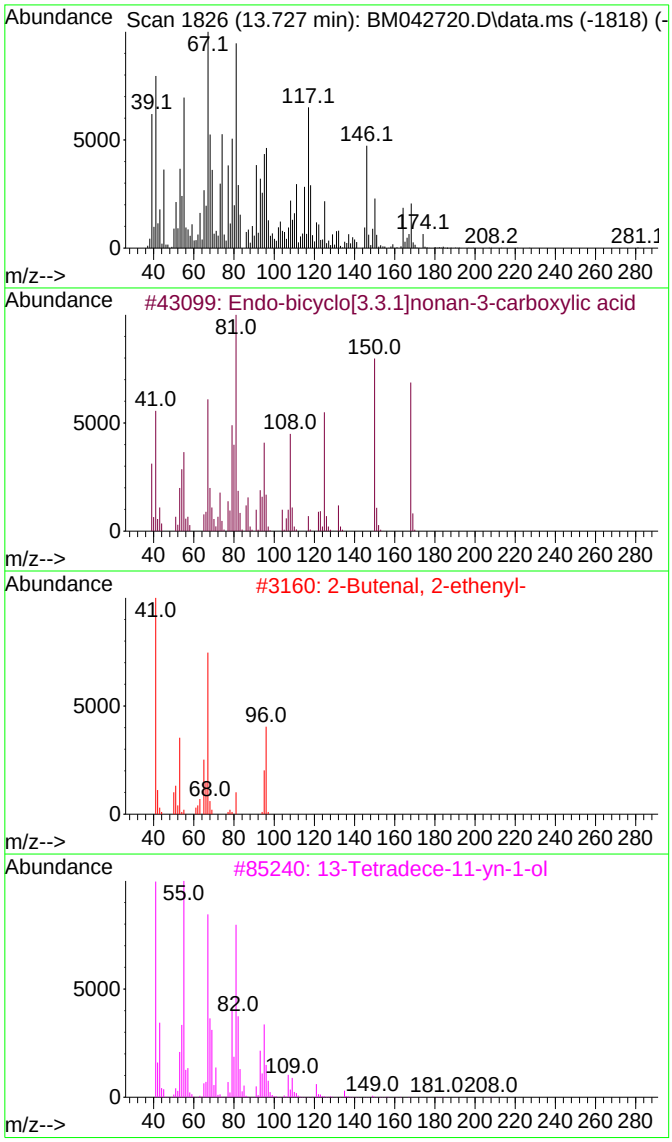
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

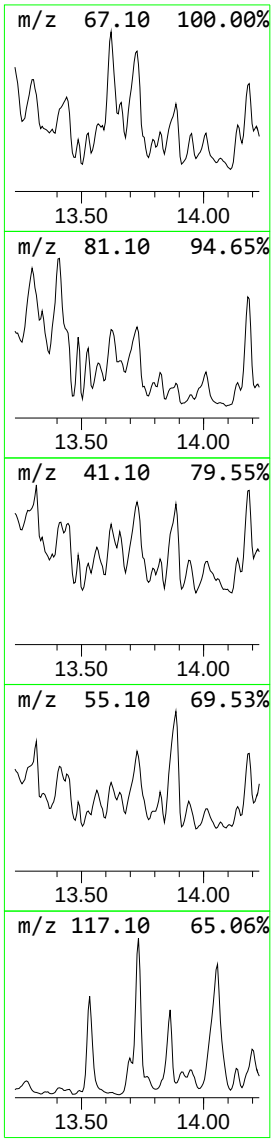
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Endo-bicyclo[3.3.1]nonan-3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	54.33 ng/ul	11326500	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Endo-bicyclo[3.3.1]nonan-3-carbo...	168	C10H16O2	1000306-31-3	50
2	2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	50
3	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	46
4	4-Methyl-exo-tricyclo[6.2.1.0(2....	164	C12H20	1000215-29-8	46
5	2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	45





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_M
ClientSampleId :
BHEG0

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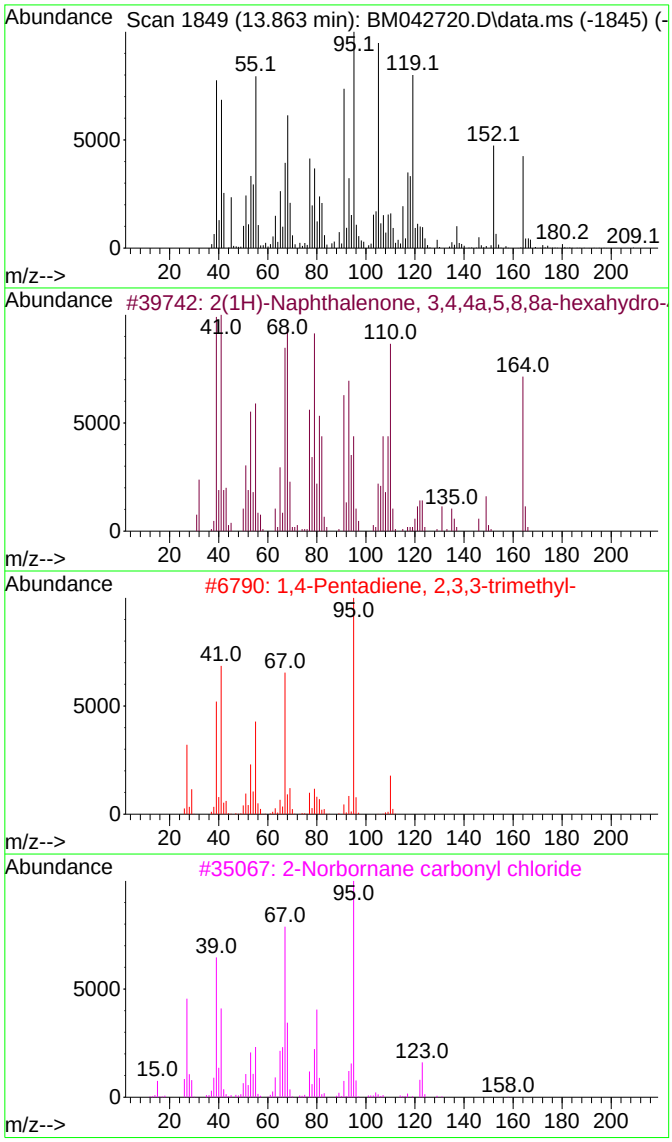
Quant Title : SVOA CALIBRATION

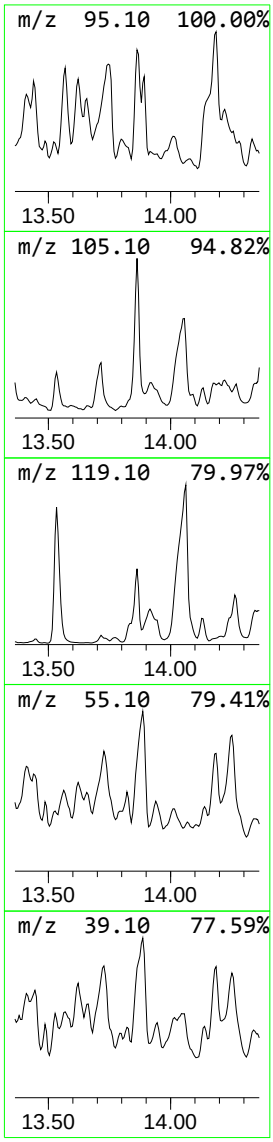
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 2(1H)-Naphthalenone, 3,4,4a... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	19.35 ng/ul	4033570	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, 3,4,4a,5,8,...	164	C11H16O	055283-48-2	78
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	46
3	2-Norbornane carbonyl chloride	158	C8H11ClO	035202-90-5	43
4	2-Propyn-1-amine, N-methyl-	69	C4H7N	035161-71-8	43
5	Imidazole, 4-trifluoroacetyl-	164	C5H3F3N2O	105480-28-2	38





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Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

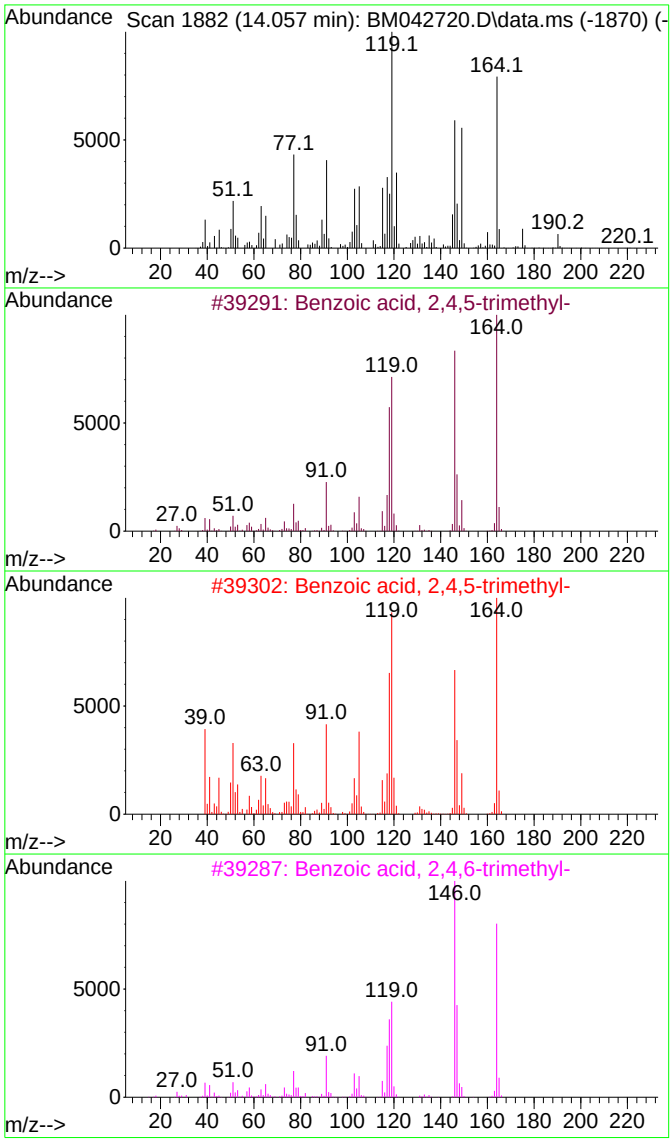
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

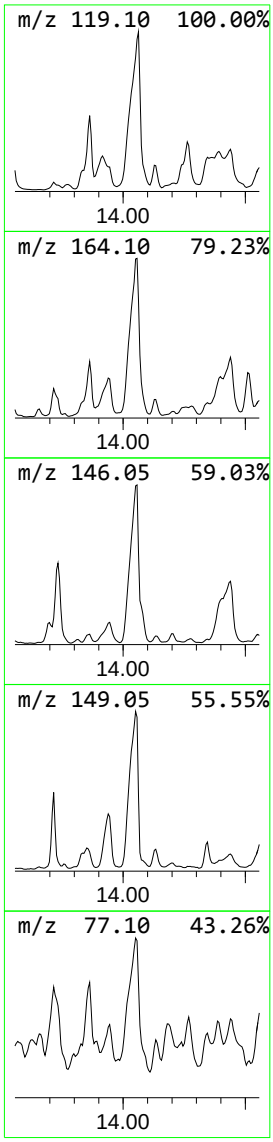
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	62.17 ng/ul	12960200	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	64
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	49
3	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
4	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	46
5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	41





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

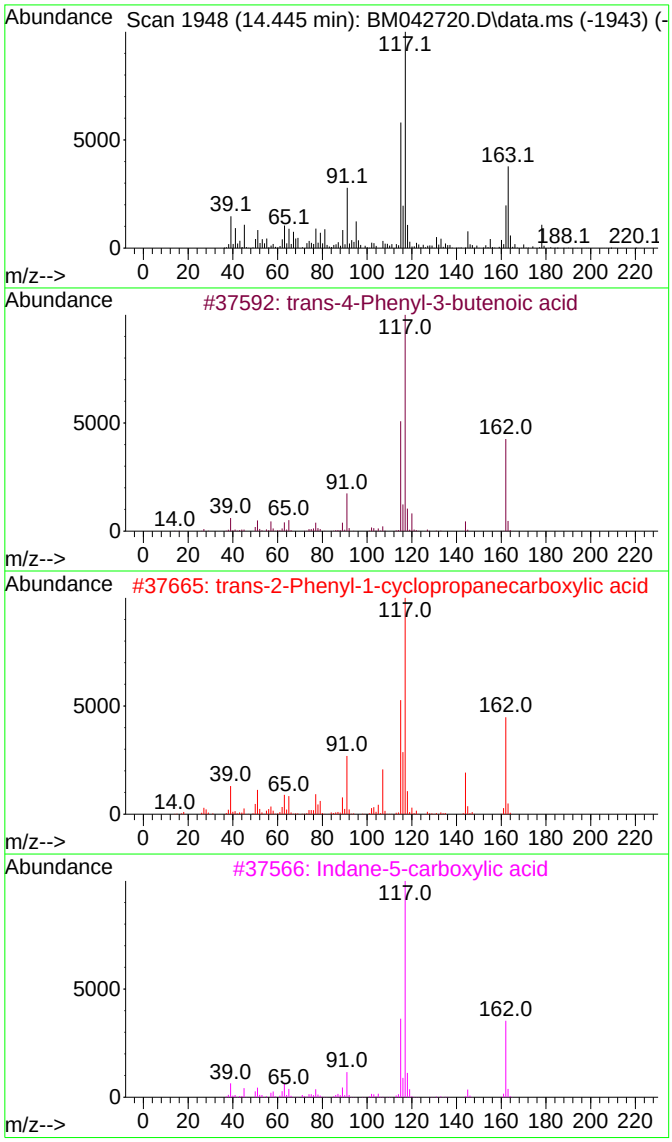
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

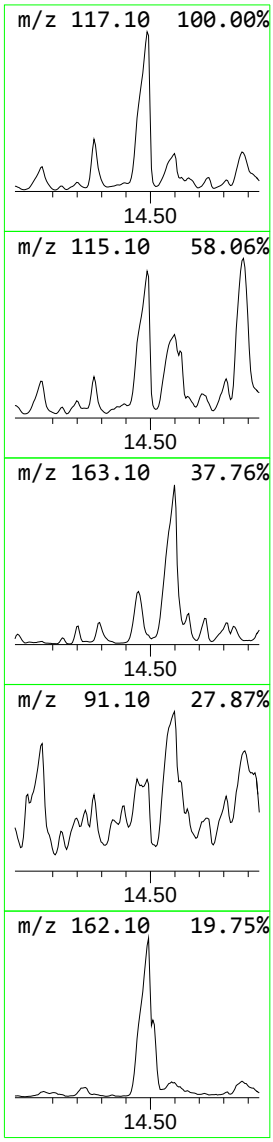
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 trans-4-Phenyl-3-butenoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	20.00 ng/ul	4169430	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	68
2	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	58
3	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	53
4	Cyclopropanecarboxylic acid, tra...	274	C18H26O2	1000405-99-9	53
5	Bicyclo[4.2.1]nona-2,4,7-triene,...	160	C11H12O	1000141-51-6	49





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Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

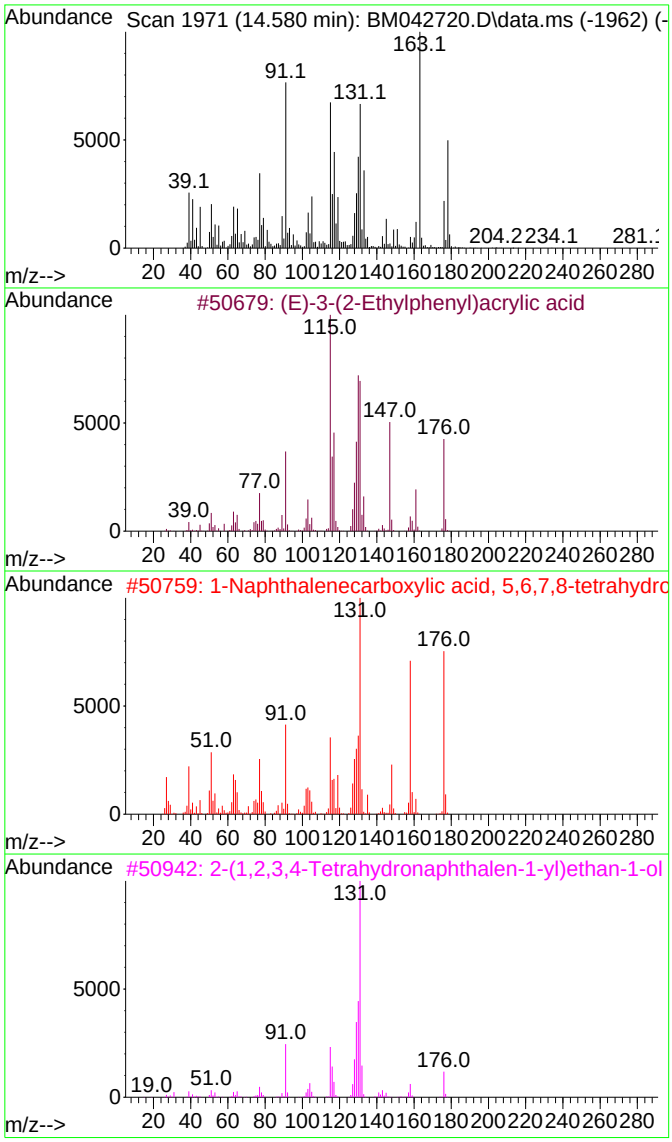
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

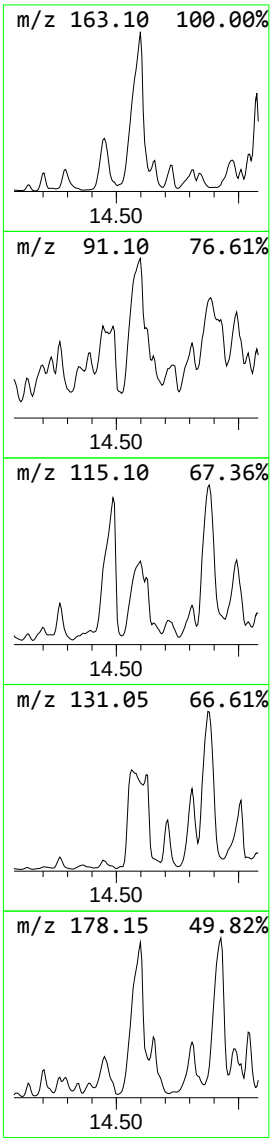
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (E)-3-(2-Ethylphenyl)acryli... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	40.70 ng/ul	8484300	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-(2-Ethylphenyl)acrylic acid	176	C11H12O2	1026434-38-7	86
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	46
3	2-(1,2,3,4-Tetrahydronaphthalen-...	176	C12H16O	068480-12-6	38
4	2,4-Dimethylphenyl isothiocyanate	163	C9H9NS	039842-01-8	30
5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	27





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Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

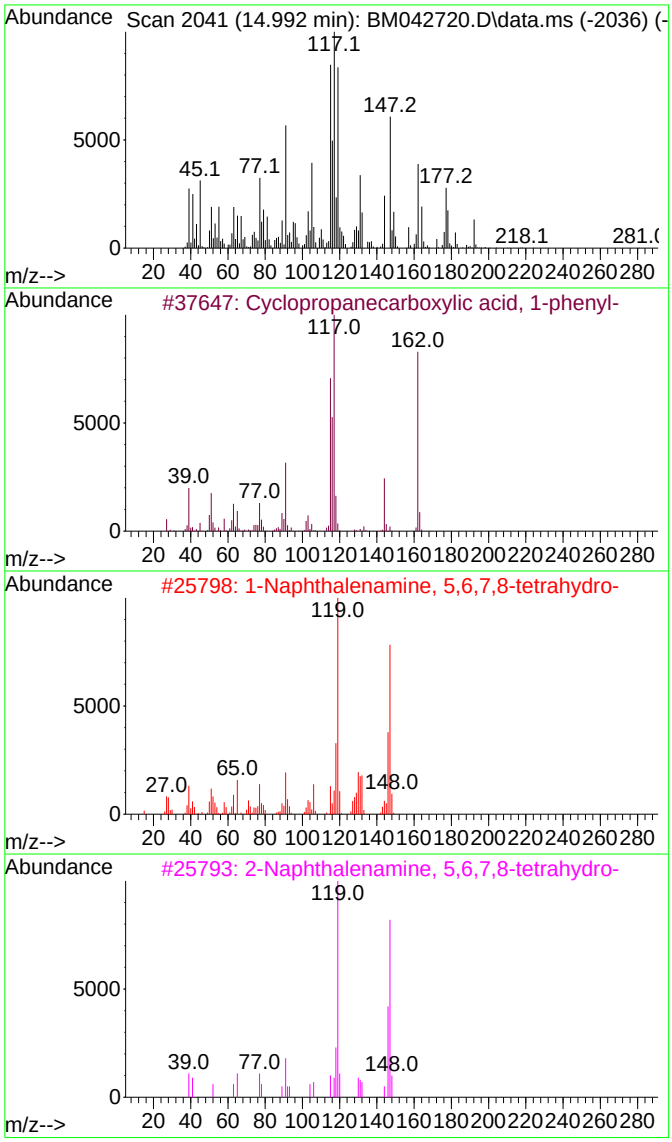
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

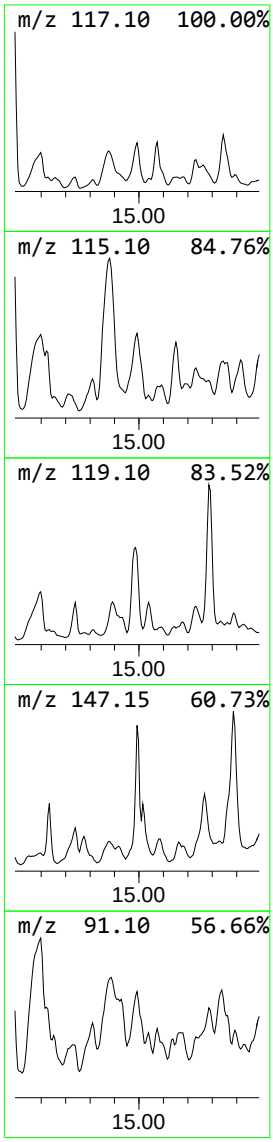
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Cyclopropanecarboxylic acid... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	22.55 ng/ul	4700820	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 1-p...	162	C10H10O2	006120-95-2	55
2	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	35
3	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	35
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	35
5	8,9-Dehydrothymol methyl ether	162	C11H14O	039701-08-1	30





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

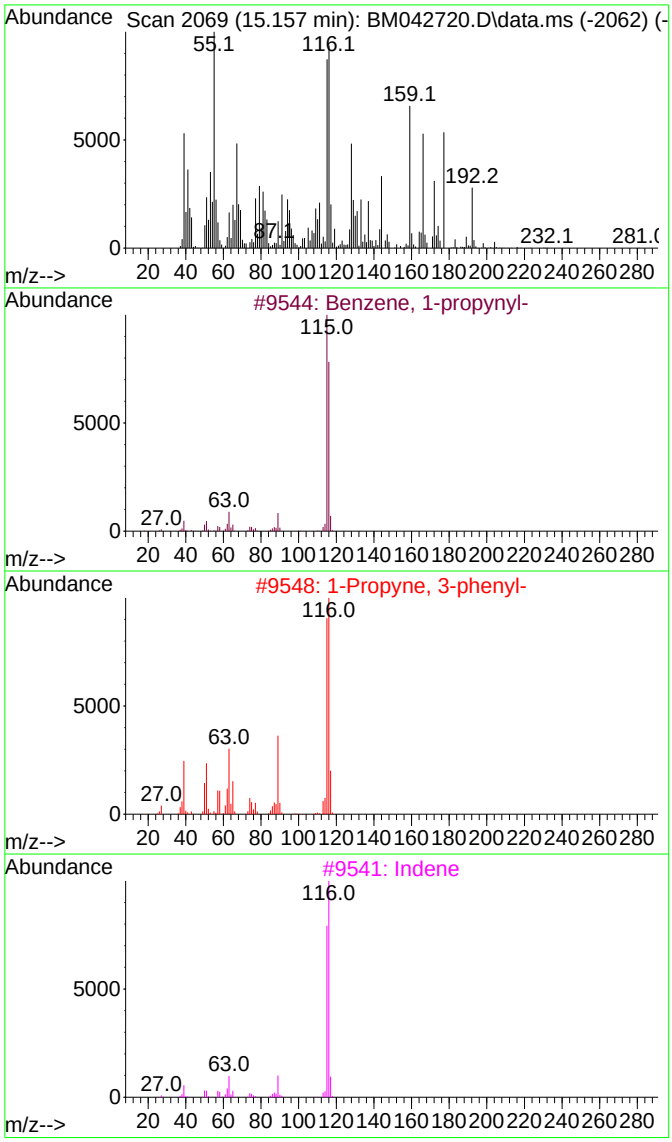
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

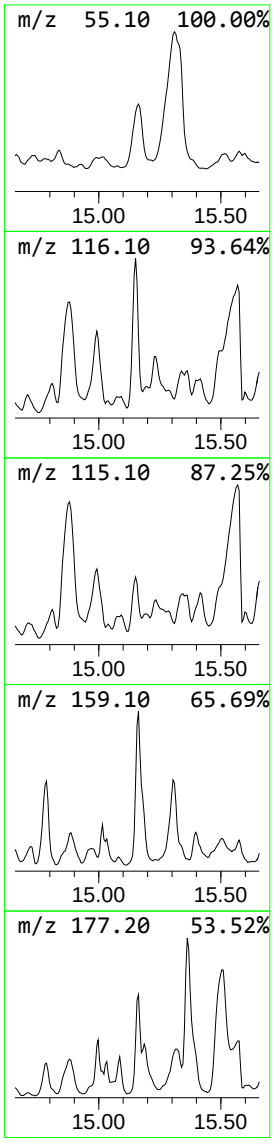
****

Peak Number 65 unknown-09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	45.48 ng/ul	9481940	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	42
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	42
3	Indene	116	C9H8	000095-13-6	42
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	30
5	Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	18





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

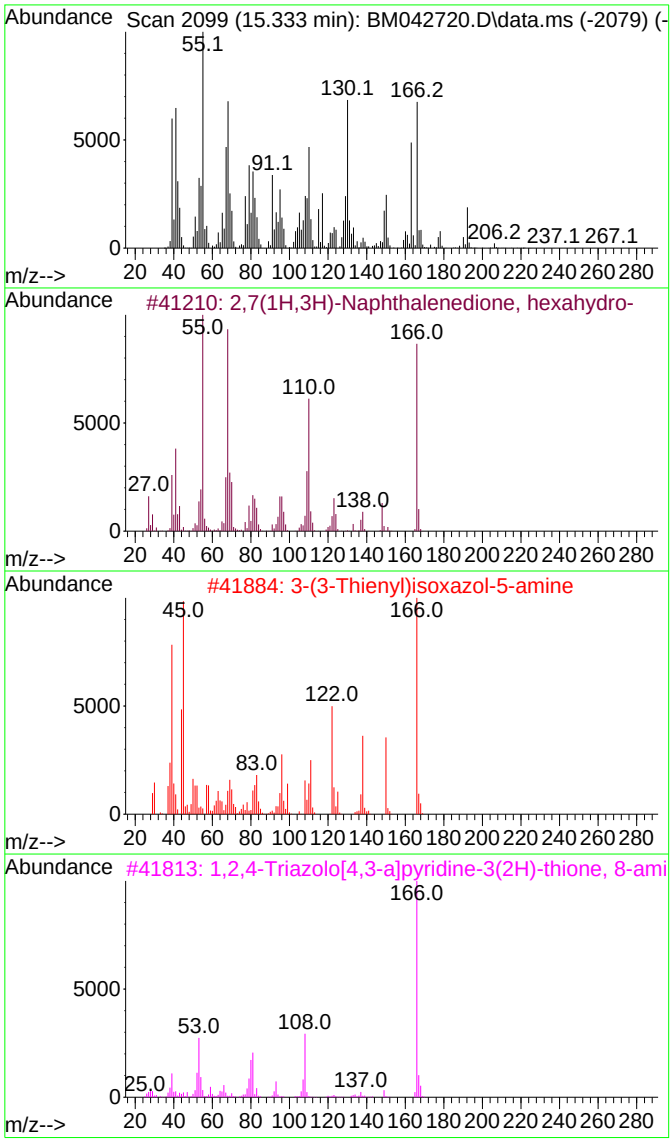
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

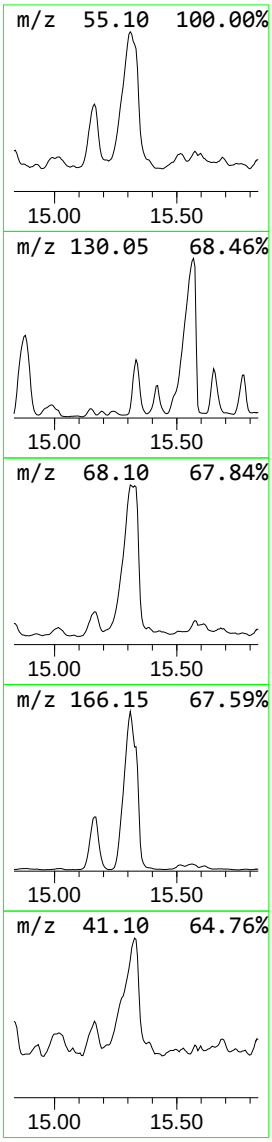
****

Peak Number 66 unknown-10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	133.05 ng/ul	27736800	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7(1H,3H)-Naphthalenedione, hex...	166	C10H14O2	046048-64-0	35
2	3-(3-Thienyl)isoxazol-5-amine	166	C7H6N2OS	1010459-93-7	15
3	1,2,4-Triazolo[4,3-a]pyridine-3(...	166	C6H6N4S	063277-44-1	15
4	Cyclohexanecarboxylic acid, 4-pr...	318	C20H30O3	067589-41-7	14
5	2(5H)-Furanone, 4-(2,3-dimethyl-...	166	C10H14O2	1000155-41-6	11





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

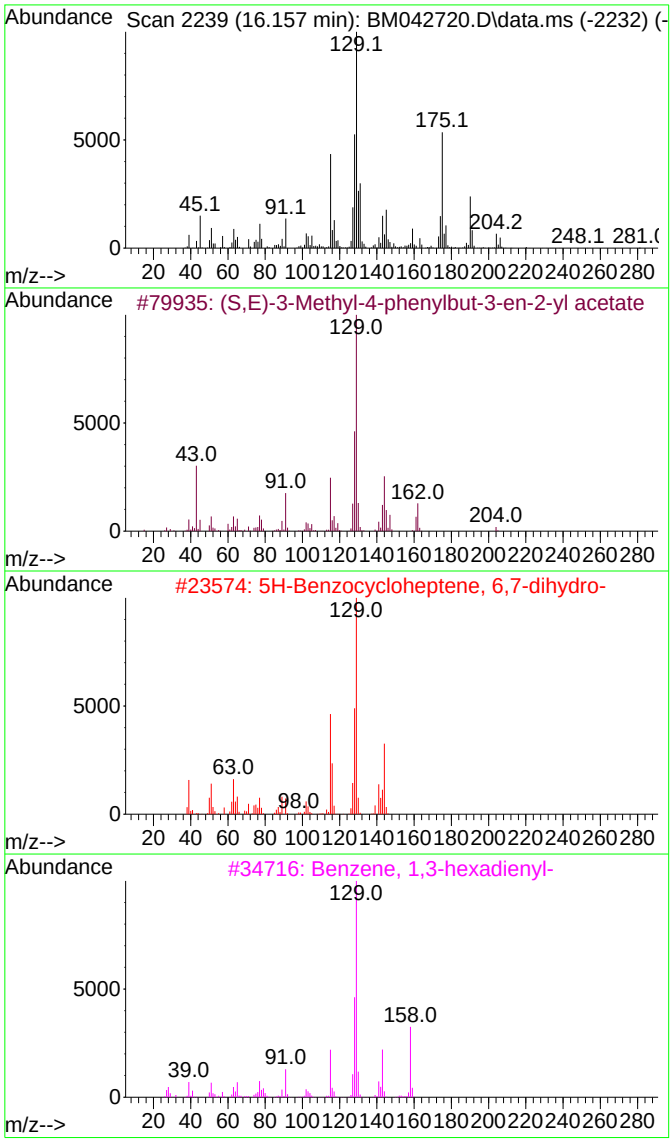
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

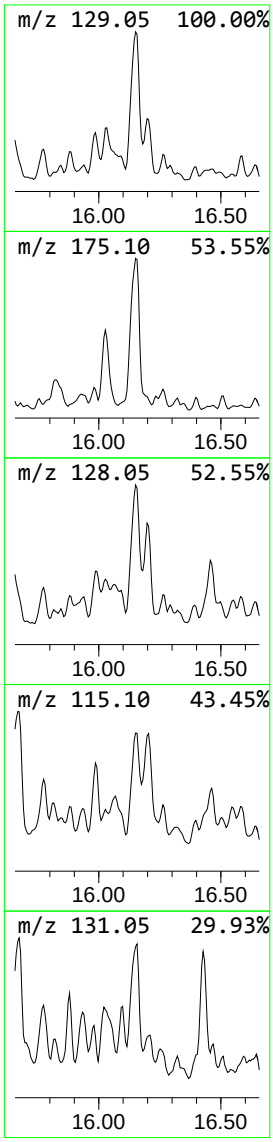
****

Peak Number 72 unknown-11 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	29.07 ng/ul	5283150	Phenanthrene-d10	17.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S,E)-3-Methyl-4-phenylbut-3-en-...	204	C13H16O2	187736-05-6	47
2	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	43
3	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	43
4	2-Naphthalenecarboxylic acid, 3,...	174	C11H10O2	022440-38-6	38
5	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	38





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHEG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

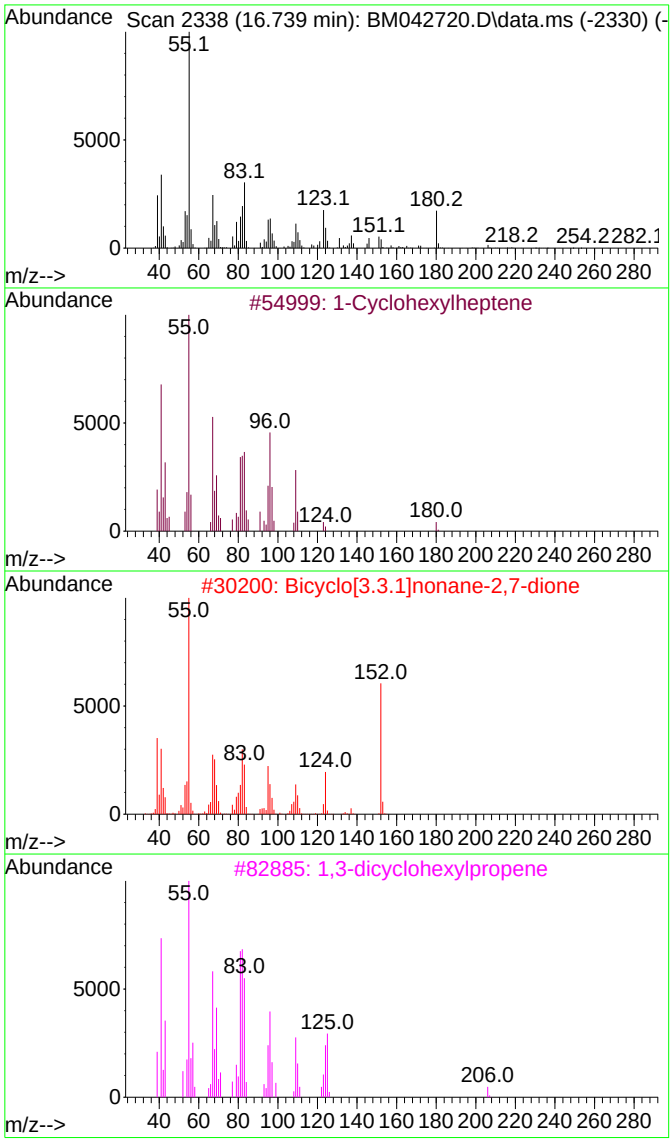
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

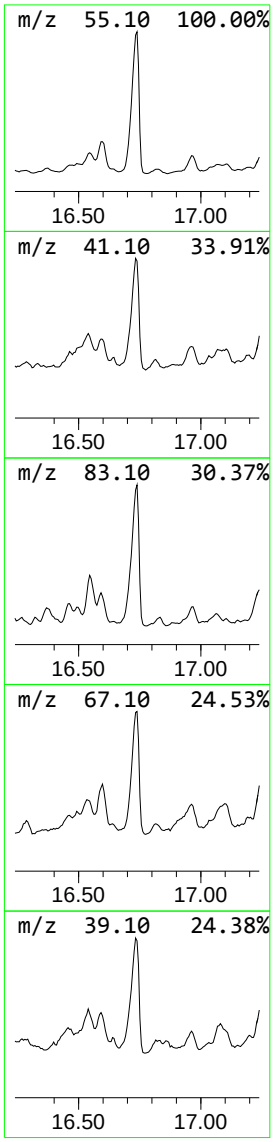
****

Peak Number 74 1-Cyclohexylheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.739	51.41 ng/ul	9344660	Phenanthrene-d10	17.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylheptene	180	C13H24	114614-83-4	76
2	Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	74
3	1,3-dicyclohexylpropene	206	C15H26	1000214-96-8	70
4	Decenyl angelate, 4Z-	238	C15H26O2	1000383-66-2	53
5	Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	50





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Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

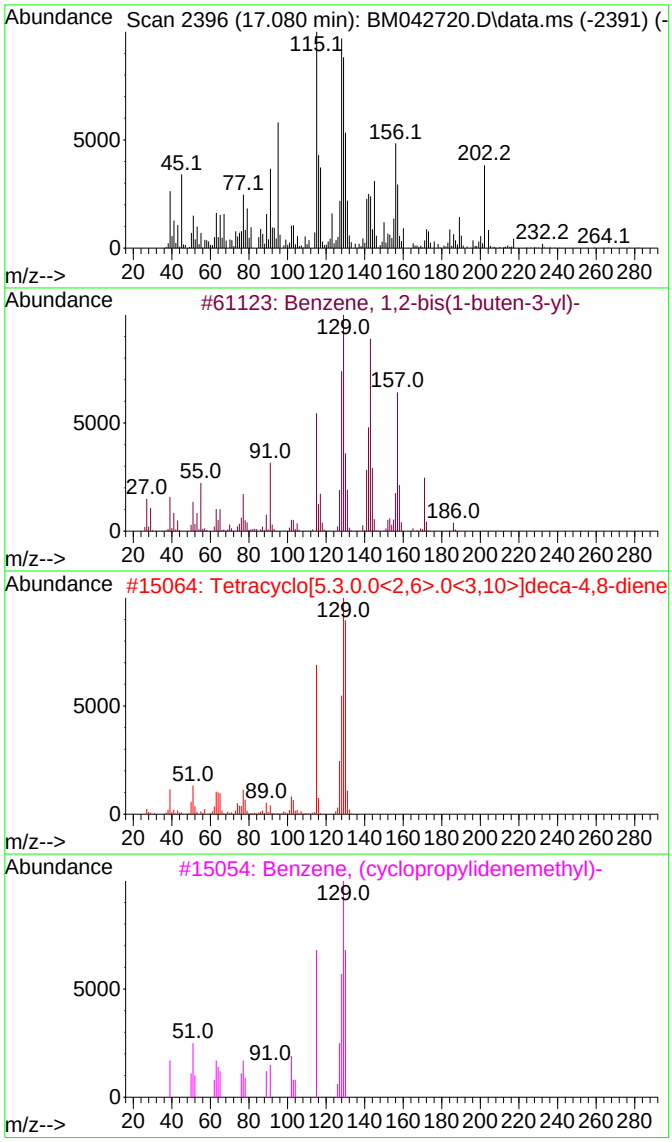
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

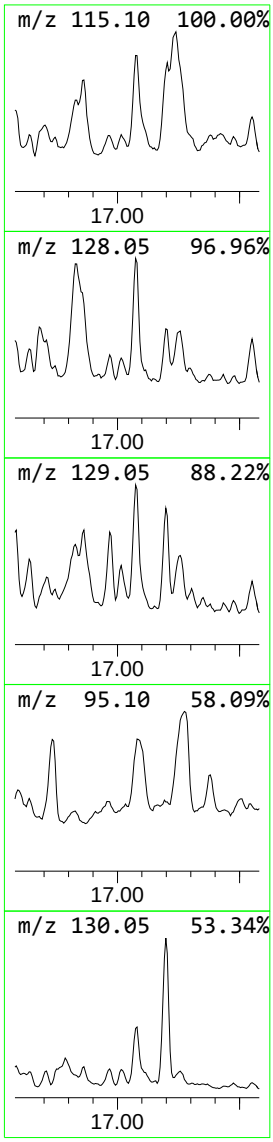
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 unknown-12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	25.81 ng/ul	4692240	Phenanthrene-d10	17.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-bis(1-buten-3-yl)-	186	C14H18	1000162-73-9	49
2	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	42
3	Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	30
4	Benzene, (methylenecyclopropyl)-	130	C10H10	029817-09-2	27
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	25





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Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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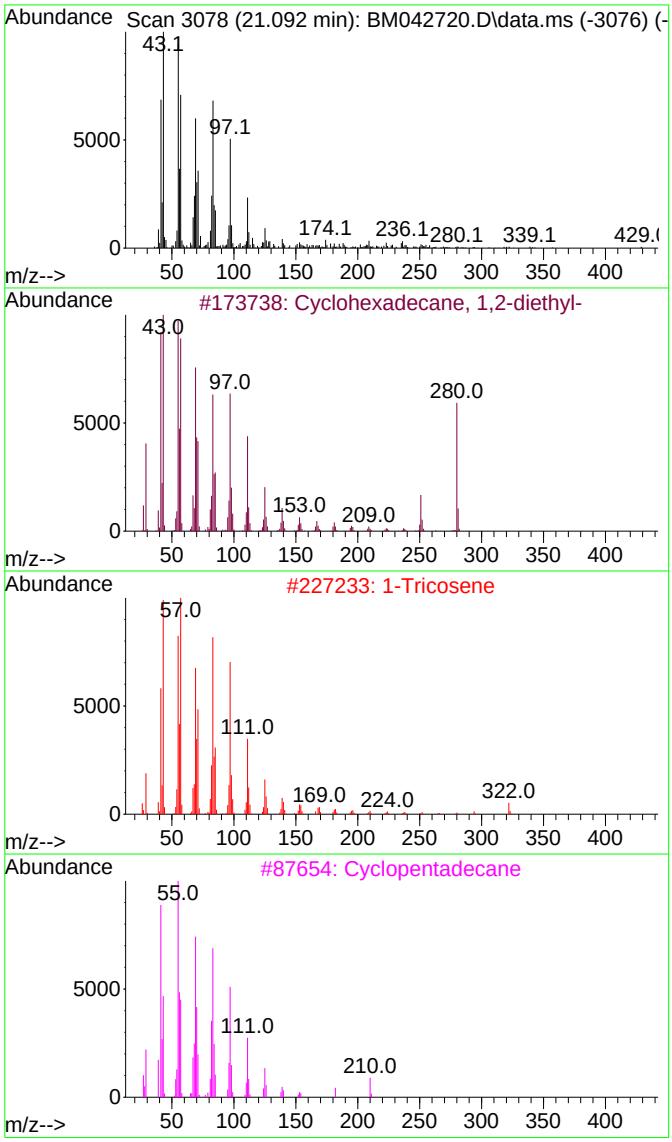
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

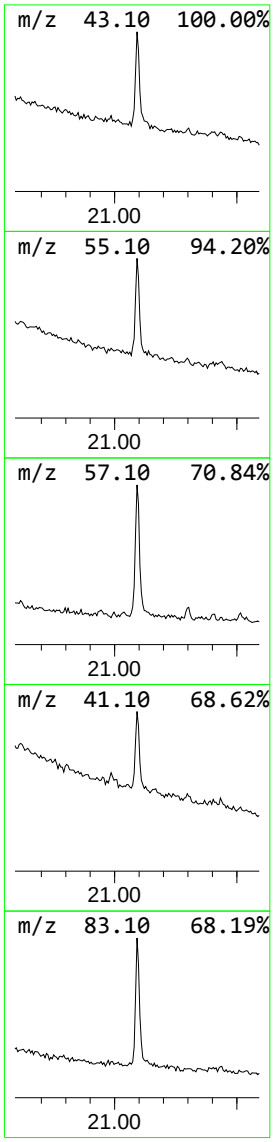
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 80 (DEL) Alkane: Cyclic21.092 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	10.03 ng/ul	412981	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
2	1-Tricosene	322	C23H46	018835-32-0	97
3	Cyclopentadecane	210	C15H30	000295-48-7	96
4	1-Eicosene	280	C20H40	003452-07-1	95
5	Henicos-1-ene	294	C21H42	001599-68-4	95





Tentatively Identified Compound (LSC) summary

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Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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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
2-Hexanone, 5-m...	4.199	13.9	ng/ul	2277520	1	7.840	3272380	20.0
3-Pentanone, 2,...	4.281	17.4	ng/ul	2846870	1	7.840	3272380	20.0
(DEL) Alkane: S...	5.716	6.2	ng/ul	1007960	1	7.840	3272380	20.0
(DEL) Alkane: S...	5.863	4.9	ng/ul	805846	1	7.840	3272380	20.0
3,4-Dimethylcyc...	6.110	15.3	ng/ul	2509410	1	7.840	3272380	20.0
(DEL) Alkane: S...	7.593	18.6	ng/ul	3042330	1	7.840	3272380	20.0
2-Cyclopenten-1...	7.922	36.9	ng/ul	6039310	1	7.840	3272380	20.0
Cycloheptanone,...	8.140	18.4	ng/ul	3006630	1	7.840	3272380	20.0
unknown-01	9.363	58.2	ng/ul	20121900	2	10.663	6911330	20.0
unknown-02	9.504	16.4	ng/ul	5667230	2	10.663	6911330	20.0
2-Butenoic acid...	9.928	33.5	ng/ul	11595200	2	10.663	6911330	20.0
(DEL) Alkane: C...	9.969	2.9	ng/ul	985464	2	10.663	6911330	20.0
unknown-03	10.039	18.6	ng/ul	6429440	2	10.663	6911330	20.0
unknown-04	10.233	39.4	ng/ul	13610900	2	10.663	6911330	20.0
(DEL) Alkane: C...	10.392	4.2	ng/ul	1445610	2	10.663	6911330	20.0
(DEL) Alkane: S...	10.486	19.4	ng/ul	6699450	2	10.663	6911330	20.0
(DEL) Alkane: S...	10.551	11.2	ng/ul	3874370	2	10.663	6911330	20.0
Naphthalene, de...	11.092	18.6	ng/ul	6429140	2	10.663	6911330	20.0
unknown-05	11.286	46.6	ng/ul	16119400	2	10.663	6911330	20.0
Cyclohexane, 1-...	11.586	22.0	ng/ul	7606820	2	10.663	6911330	20.0
unknown-06	12.322	24.1	ng/ul	8320760	2	10.663	6911330	20.0
2(1H)-Naphthale...	12.539	79.1	ng/ul	27328200	2	10.663	6911330	20.0
1H-Inden-1-one,...	12.598	32.8	ng/ul	6847150	3	14.510	4169430	20.0
2-Thiophenecarb...	12.704	33.0	ng/ul	6885480	3	14.510	4169430	20.0
unknown-07	12.910	92.6	ng/ul	19300100	3	14.510	4169430	20.0
unknown-08	13.010	29.4	ng/ul	6126340	3	14.510	4169430	20.0
Endo-bicyclo[3....	13.727	54.3	ng/ul	11326500	3	14.510	4169430	20.0
2(1H)-Naphthale...	13.863	19.4	ng/ul	4033570	3	14.510	4169430	20.0
Benzoic acid, 2...	14.057	62.2	ng/ul	12960200	3	14.510	4169430	20.0
trans-4-Phenyl-...	14.445	20.0	ng/ul	4169430	3	14.510	4169430	20.0
(E)-3-(2-Ethylp...	14.580	40.7	ng/ul	8484300	3	14.510	4169430	20.0
Cyclopropanecar...	14.992	22.6	ng/ul	4700820	3	14.510	4169430	20.0
unknown-09	15.157	45.5	ng/ul	9481940	3	14.510	4169430	20.0
unknown-10	15.333	133.1	ng/ul	27736800	3	14.510	4169430	20.0
unknown-11	16.157	29.1	ng/ul	5283150	4	17.268	3635340	20.0
1-Cyclohexylhep...	16.739	51.4	ng/ul	9344660	4	17.268	3635340	20.0
unknown-12	17.080	25.8	ng/ul	4692240	4	17.268	3635340	20.0
(DEL) Alkane: C...	21.092	10.0	ng/ul	412981	5	21.439	823397	20.0