LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BHEH4

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-BP111023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	11	16	22	rBV	545458	705064	5.19%	0.289%
2	3.499	65	70	78	rBV	948723	1178455	8.67%	0.484%
3	4.211	178	191	198	rVV2	855771	2623960	19.31%	1.077%
4	4.305	199	207	219	rVV	2547330	4283529	31.53%	1.758%
5	4.481	231	237	246	rVB	1342995	1898339	13.97%	0.779%
6	5.011	319	327	334	rVV3	496995	974549	7.17%	0.400%
7	5.146	345	350	356	rBV	327910	458161	3.37%	0.188%
8	5.358	380	386	393	rBV2	353325	844878	6.22%	0.347%
9	5.546	394	418	420	rVB2	510429	2986577	21.98%	1.226%
10	5.616	426	430	435	rVB	401390	570794	4.20%	0.234%
11	5.728	443	449	455	rBV	597520	915455	6.74%	0.376%
12	5.811	455	463	466	rBV3	275322	602251	4.43%	0.247%
13	5.881	467	475	476	rBV4	309292	567219	4.17%	0.233%
14	5.911	476	480	485	rVB3	451459	710905	5.23%	0.292%
15	6.128	512	517	526	rVB	1356699	2001844	14.73%	0.822%
16	6.605	594	598	603	rVB	323878	454407	3.34%	0.187%
17	6.852	632	640	646	rBV3	561025	1095843	8.07%	0.450%
18	6.940	646	655	660	rBV5	551186	1653690	12.17%	0.679%
19	7.040	667	672	678	rVB	2069972	3213093	23.65%	1.319%
20	7.105	678	683	688	rBV	1819300	2719284	20.01%	1.116%
21	7.199	694	699	704	rBV3	334649	674021	4.96%	0.277%
22	7.387	723	731	733	rBV3	414528	814299	5.99%	0.334%
23	7.428	734	738	742	rVV2	448659	834066	6.14%	0.342%
24	7.610	760	769	776	rBV5	784287	2045599	15.05%	0.840%
25	7.675	776	780	784	rVV2	232478	385765	2.84%	0.158%
26	7.740	784	791	796	rVB3	226373	499238	3.67%	0.205%
27	7.846	804	809	814	rVB	1015022	1514175	11.14%	0.622%
28	7.940	814	825	840	rVB4	2132317	6097309	44.87%	2.503%
29	8.105	846	853	855	rBV5	241209	493110	3.63%	0.202%
30	8.146	855	860	865	rBV2	1089126	1896595	13.96%	0.779%
31	8.205	865	870	874	rBV2	683577	1254025	9.23%	0.515%
32	8.275	877	882	888	rBV4	643539	1636105	12.04%	0.672%
33	8.710	947	956	959	rBV	1629207	3213890	23.65%	1.319%
34	8.763	962	965	970	rVV3	379231	570221	4.20%	0.234%
35	8.887	977	986	988	rBV3	1433764	3294090	24.24%	1.352%
36	8.916	989	991	993	rVB2	1421936	1266791	9.32%	0.520%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

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-BP111023.MA.M
Title : SVOA CALIBRATION

37	8.957	993	998	1000	rVB5	431314	684561	5.04%	0.281%
38	8.999	1000	1005	1011	rVB5	502787	979045	7.21%	0.402%
39	9.093	1011	1021	1023	rBV3	972875	2414761	17.77%	0.991%
40	9.116	1023	1025	1028	rVB2	560426	581279	4.28%	0.239%
41	9.187	1033	1037	1039	rBV	583933	917486	6.75%	0.377%
42	9.257	1045	1049	1052	rVB	1428197	2001800	14.73%	0.822%
43	9.322	1052	1060	1064	rBV4	1146692	2863949	21.08%	1.176%
44	9.375	1064	1069	1072	rVB4	831561	1202157	8.85%	0.493%
45	9.446	1072	1081	1086	rVB2	1431062	3203925	23.58%	1.315%
46	9.522	1086	1094	1096	rBV2	1059922	2247753	16.54%	0.923%
47	9.634	1103	1113	1120	rVB5	1356010	3212462	23.64%	1.319%
48	9.710	1120	1126	1131	rBV4	1211119	2558124	18.83%	1.050%
49	9.769	1133	1136	1140	rVB2	465474	702398	5.17%	0.288%
50	9.922	1148	1162	1165	rBV5	1179182	3704496	27.26%	1.521%
51	9.987	1167	1173	1178	rVB3	1960781	4957352	36.48%	2.035%
52	10.046	1178	1183	1186	rBV5	167851	343075	2.52%	0.141%
53	10.146	1193	1200	1204	rBV2	795405	1602849	11.80%	0.658%
54	10.234	1209	1215	1218	rVV5	1451478	3193392	23.50%	1.311%
55	10.310	1222	1228	1236	rVB5	1528324	4083006	30.05%	1.676%
56	10.381	1236	1240	1243	rBV2	363596	539665	3.97%	0.222%
57	10.675	1262	1290	1293	rBV3	2844962	13587578	100.00%	5.578%
58	10.822	1307	1315	1318	rBV5	1200342	2623069	19.30%	1.077%
59	10.851	1318	1320	1323	rVB3	553221	580737	4.27%	0.238%
60	10.899	1323	1328	1332	rBV4	569158	989479	7.28%	0.406%
61	11.051	1342	1354	1358	rBV6	2125558	7982335	58.75%	3.277%
62	11.287	1387	1394	1398	rBV4	1047837	2166048	15.94%	0.889%
63	11.504	1428	1431	1436	rVB5	1008423	1462446	10.76%	0.600%
64	11.675	1449	1460	1463	rBV9	846838	3039134	22.37%	1.248%
65	11.834	1478	1487	1490	rVV6	2388025	6589768	48.50%	2.705%
66	11.875	1490	1494	1500	rVB4	1368029	2711407	19.96%	1.113%
67	11.969	1505	1510	1517	rVB3	1163778	2441170	17.97%	1.002%
68	12.034	1517	1521	1523	rBV2	505884	673362	4.96%	0.276%
69	12.069	1523	1527	1535	rBV7	645845	1476294	10.87%	0.606%
70	12.187	1543	1547	1552	rBV3	801198	1311390	9.65%	0.538%
71	12.240	1552	1556	1561	rBV4	870404	1565060	11.52%	0.642%
72	12.328	1567	1571	1576	rVB3	825503	1353906	9.96%	0.556%
73	12.398	1577	1583	1584	rBV2	1336812	2128869	15.67%	0.874%
74	12.516	1596	1603	1606	rBV2	1497381	2684964	19.76%	1.102%
75	12.587	1607	1615	1620	rVV8	1728653	4512657	33.21%	1.852%
76	12.745	1634	1642	1647	rBV3	1978319	4155918	30.59%	1.706%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BHEH4

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-BP111023.MA.M
Title : SVOA CALIBRATION

77	12.969	1676	1680	1685	rBV4	853186	1465475	10.79%	0.602%
78	13.040	1689	1692	1696	rVB2	687261	956856	7.04%	0.393%
79	13.216	1717	1722	1727	rVB3	2046882	3880010	28.56%	1.593%
80	13.345	1739	1744	1747	rBV	1069425	1823672	13.42%	0.749%
81	13.481	1764	1767	1770	rBV3	595064	791862	5.83%	0.325%
82	13.528	1771	1775	1778	rBV	1280392	1915723	14.10%	0.786%
83	13.881	1830	1835	1838	rBV2	2716007	4328100	31.85%	1.777%
84	13.945	1838	1846	1854	rVB3	1892021	6672961	49.11%	2.739%
85	14.140	1872	1879	1883	rBV2	2558991	5494896	40.44%	2.256%
86	14.181	1883	1886	1892	rVV7	1329333	3298823	24.28%	1.354%
87	14.251	1893	1898	1907	rVB7	2420271	6608788	48.64%	2.713%
88	14.663	1965	1968	1973	rBV6	804440	1237545	9.11%	0.508%
89	14.739	1975	1981	1986	rVV4	2793957	5853170	43.08%	2.403%
90	14.892	2003	2007	2009	rBV3	1039946	1623916	11.95%	0.667%
91	15.116	2041	2045	2048	rBV	1941816	3439028	25.31%	1.412%
92	15.210	2058	2061	2070	rVB6	2004116	3760517	27.68%	1.544%
93	15.298	2071	2076	2085	rVB8	3741370	9853878	72.52%	4.045%
94	16.139	2214	2219	2225	rBV3	1806558	3770856	27.75%	1.548%
95	18.322	2584	2590	2595	rBV2	1857303	4199248	30.91%	1.724%
96	18.675	2646	2650	2660	rVB	2322483	3637980	26.77%	1.493%
97	19.669	2816	2819	2823	rVB	1367593	1659006	12.21%	0.681%
98	21.433	3116	3119	3127	rVB	1101800	1444291	10.63%	0.593%
99	23.774	3511	3517	3528	rVB2	728612	1466173	10.79%	0.602%
100	23.939	3539	3545	3554	rVB	705163	1451023	10.68%	0.596%

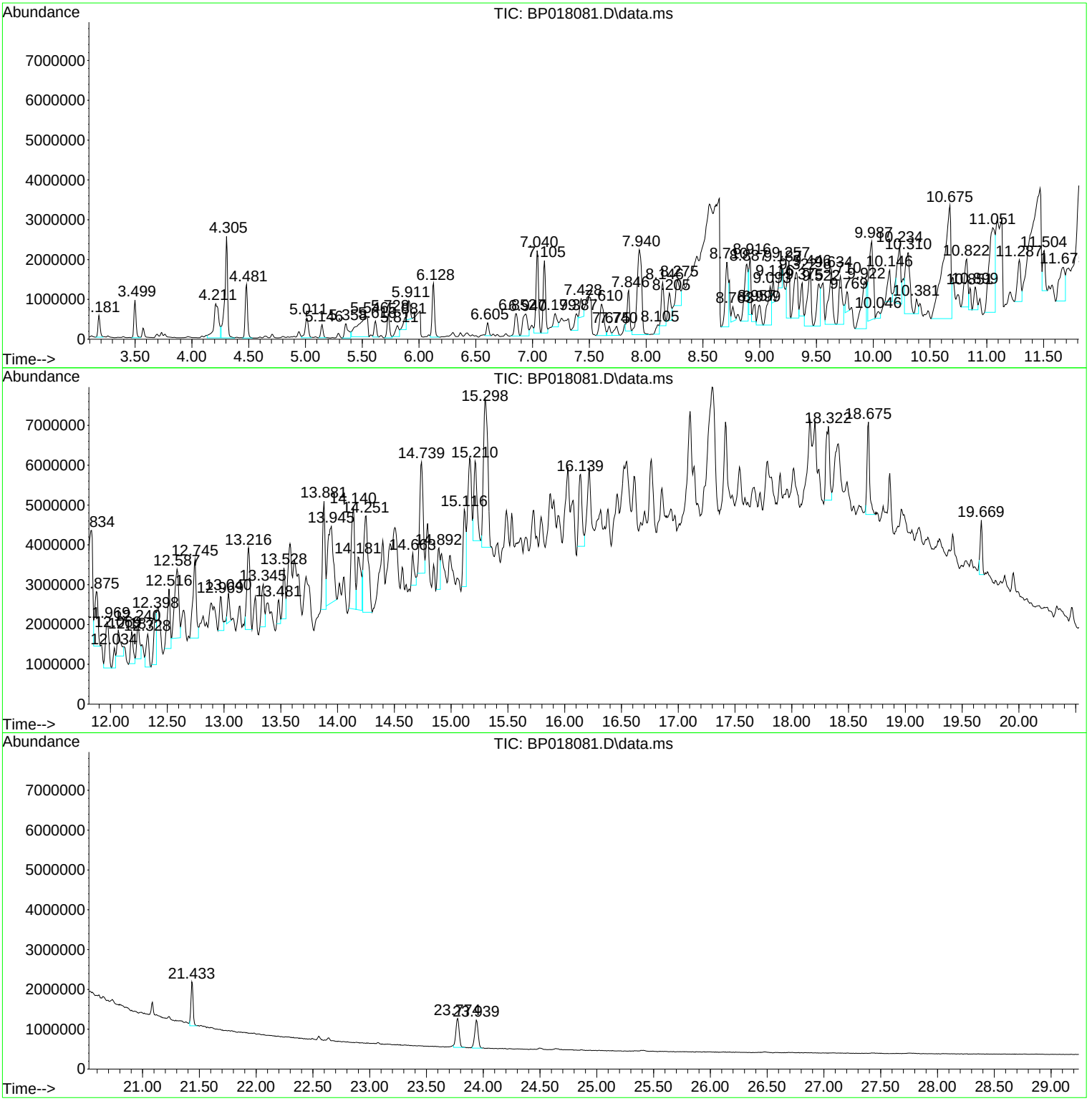
Sum of corrected areas: 243610519

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

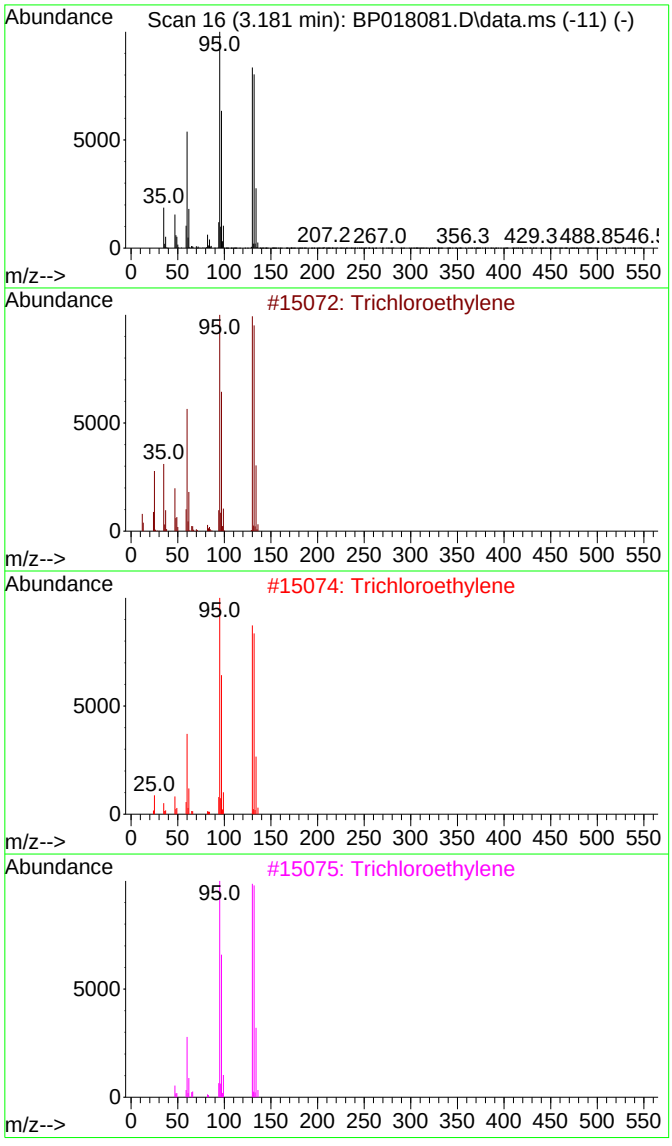
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

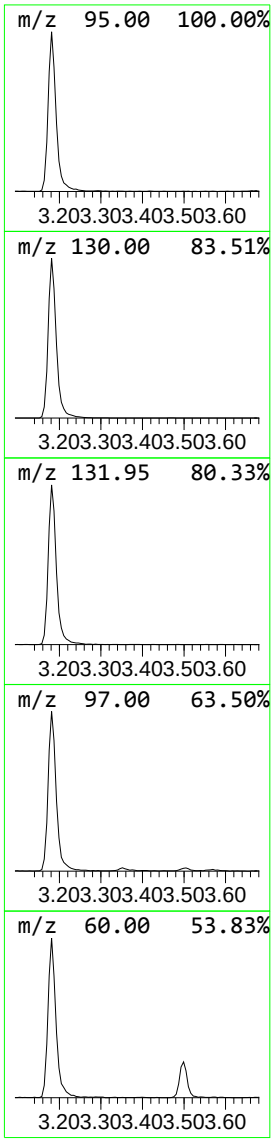
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Trichloroethylene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.181	9.31 ng/ul	705064	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	Trichloroethylene	130	C2HCl3	000079-01-6	97
3	Trichloroethylene	130	C2HCl3	000079-01-6	97
4	Trichloroethylene	130	C2HCl3	000079-01-6	96
5	Trichloroethylene	130	C2HCl3	000079-01-6	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

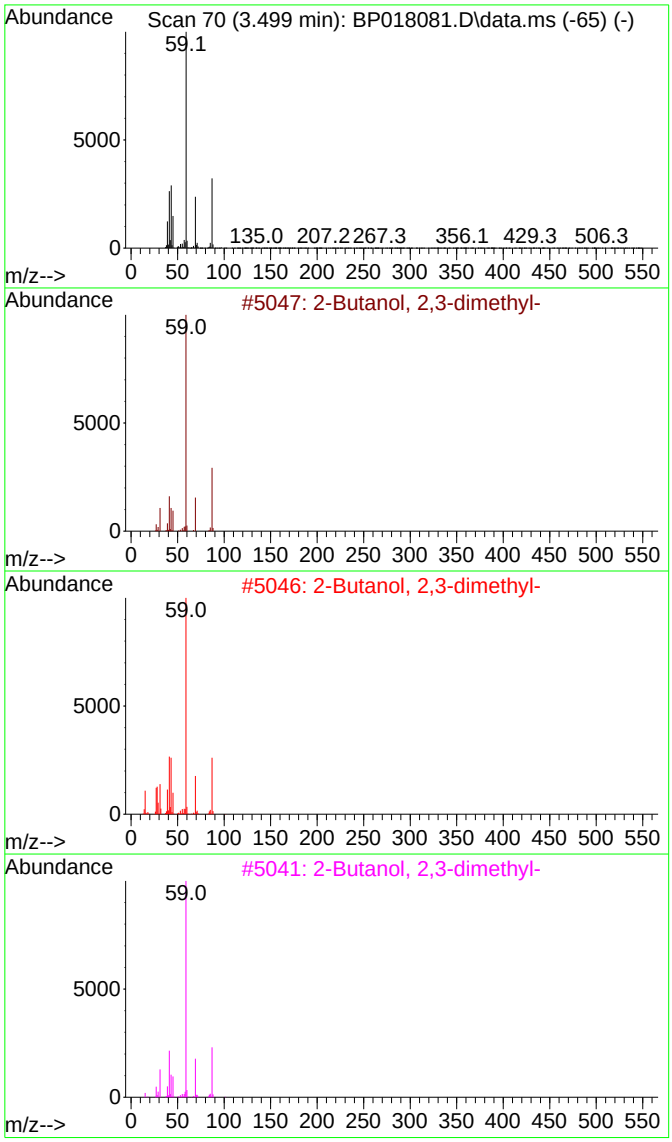
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

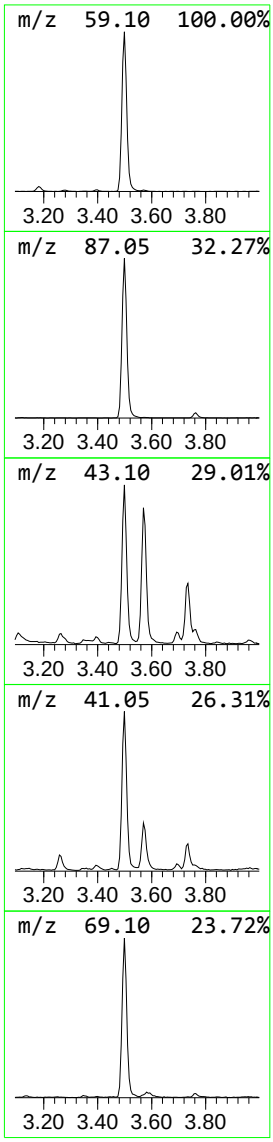
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butanol, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.499	15.57 ng/ul	1178460	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	78
4	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	64
5	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

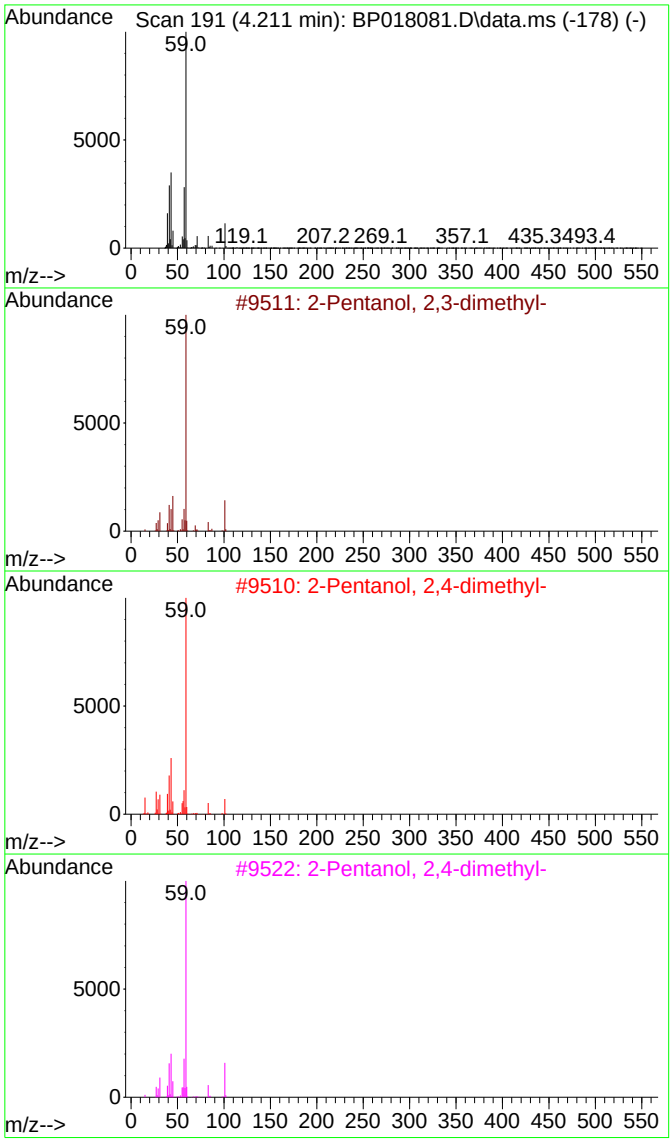
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

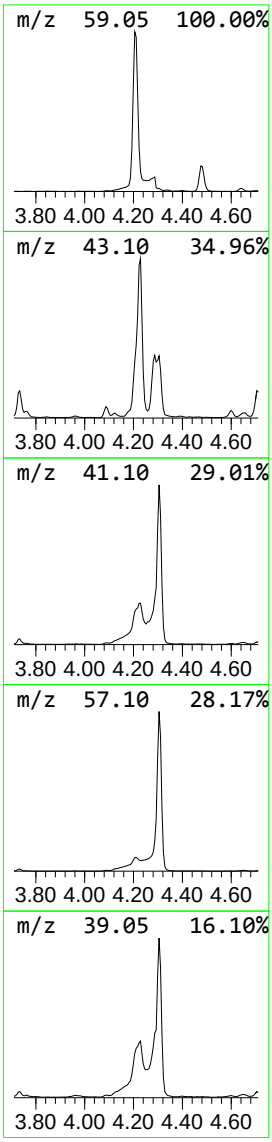
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanol, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.211	34.66 ng/ul	2623960	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	78
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	78
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	78
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

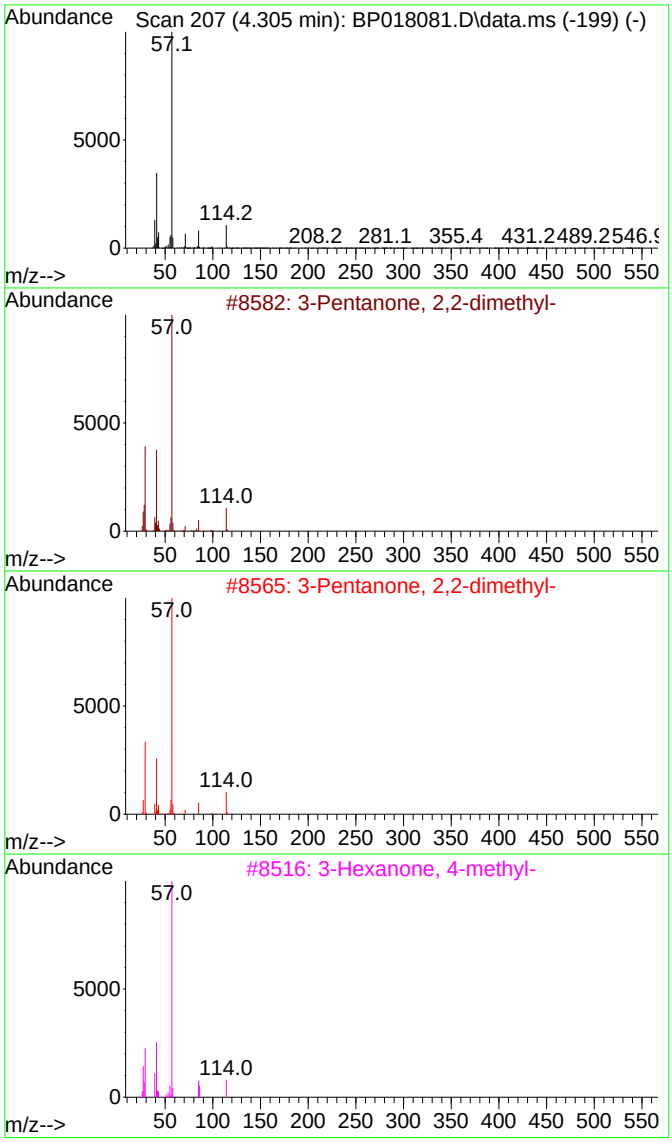
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

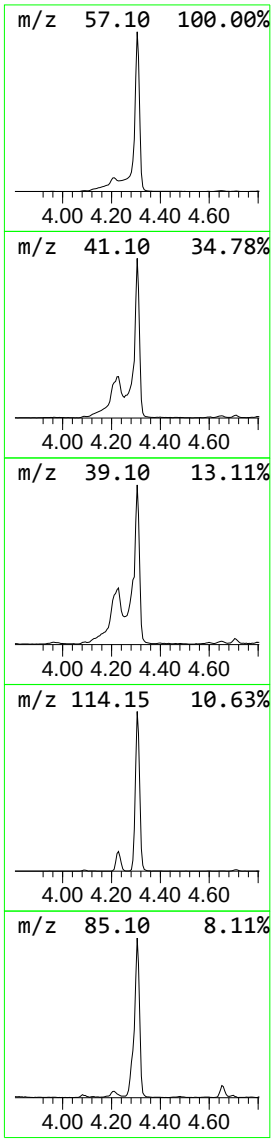
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone, 2,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.305	56.58 ng/ul	4283530	1,4-Dichlorobenzene-d4	7.846

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	80
3	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	59
4	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	59
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

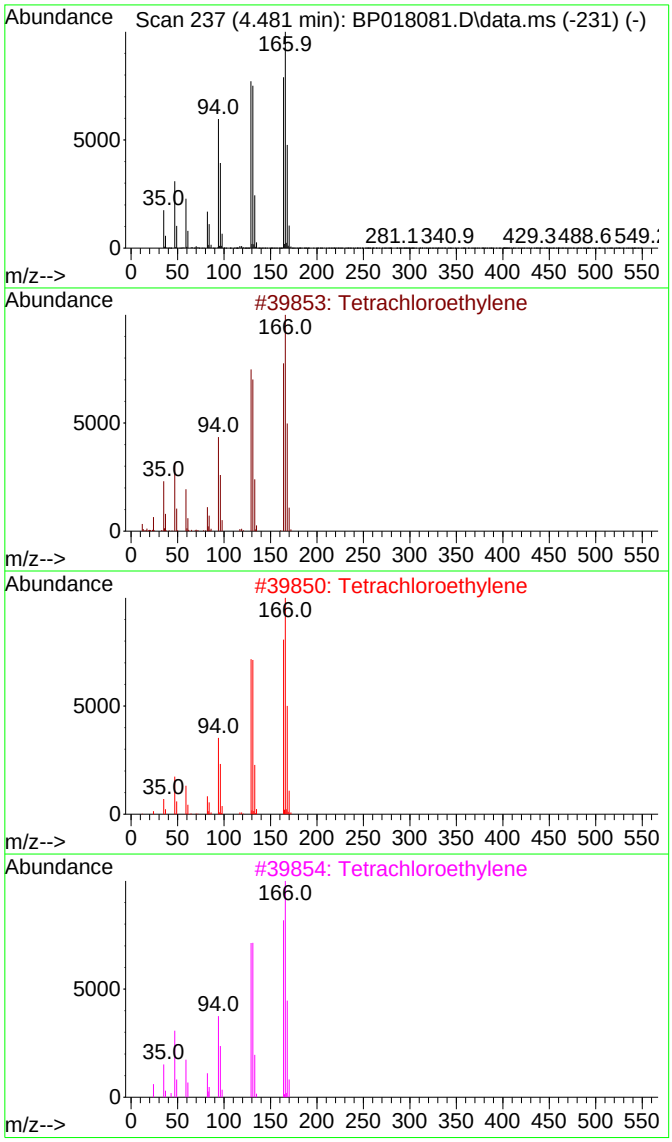
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

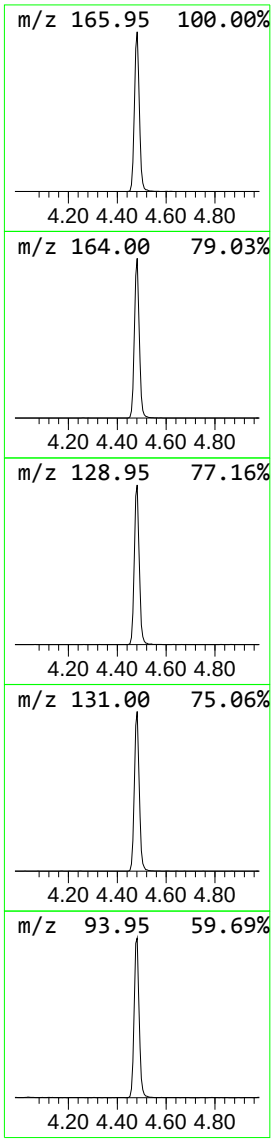
****

Peak Number 5 Tetrachloroethylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.481	25.07 ng/ul	1898340	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25





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Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

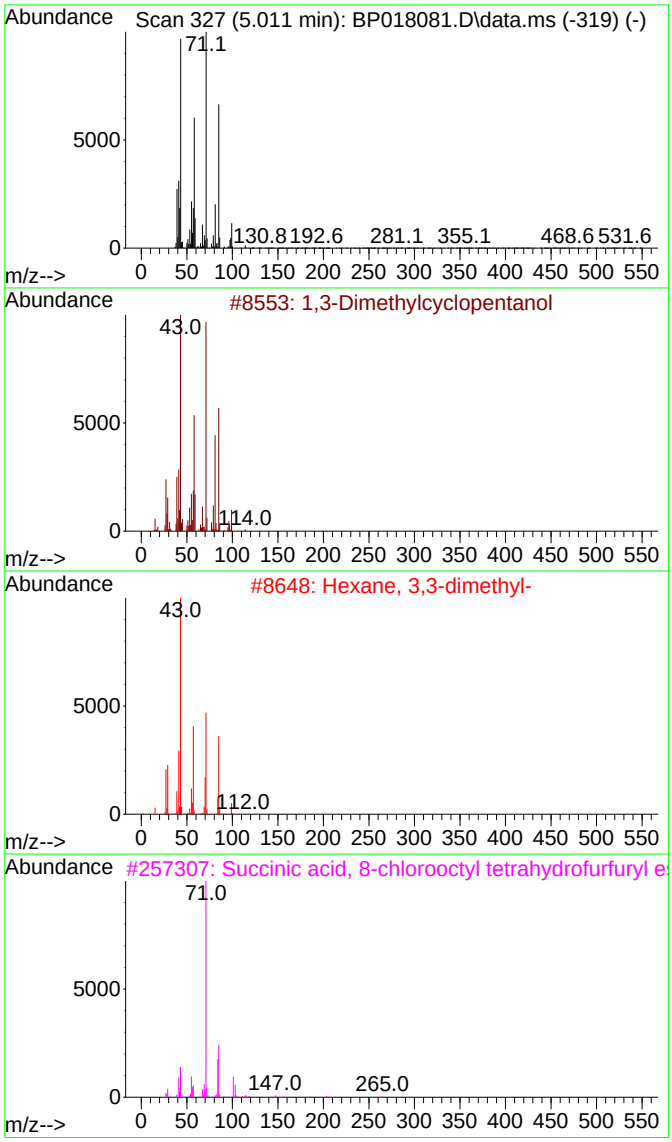
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

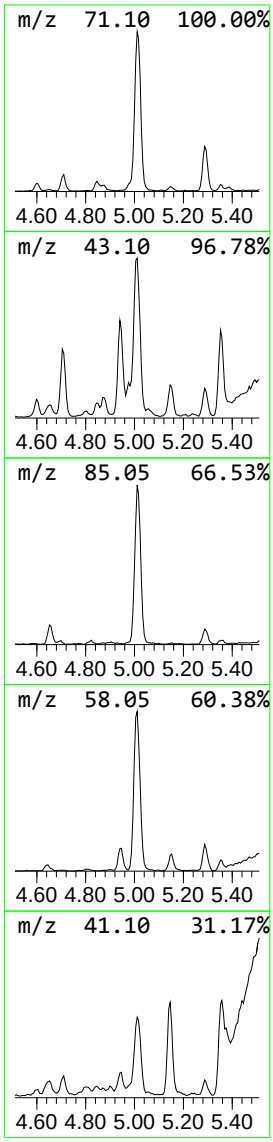
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Dimethylcyclopentanol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.011	12.87 ng/ul	974549	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	83
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3	Succinic acid, 8-chlorooctyl tet...	348	C17H29ClO5	1010390-72-6	43
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
5	Oxirane, butyl-	100	C6H12O	001436-34-6	37





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

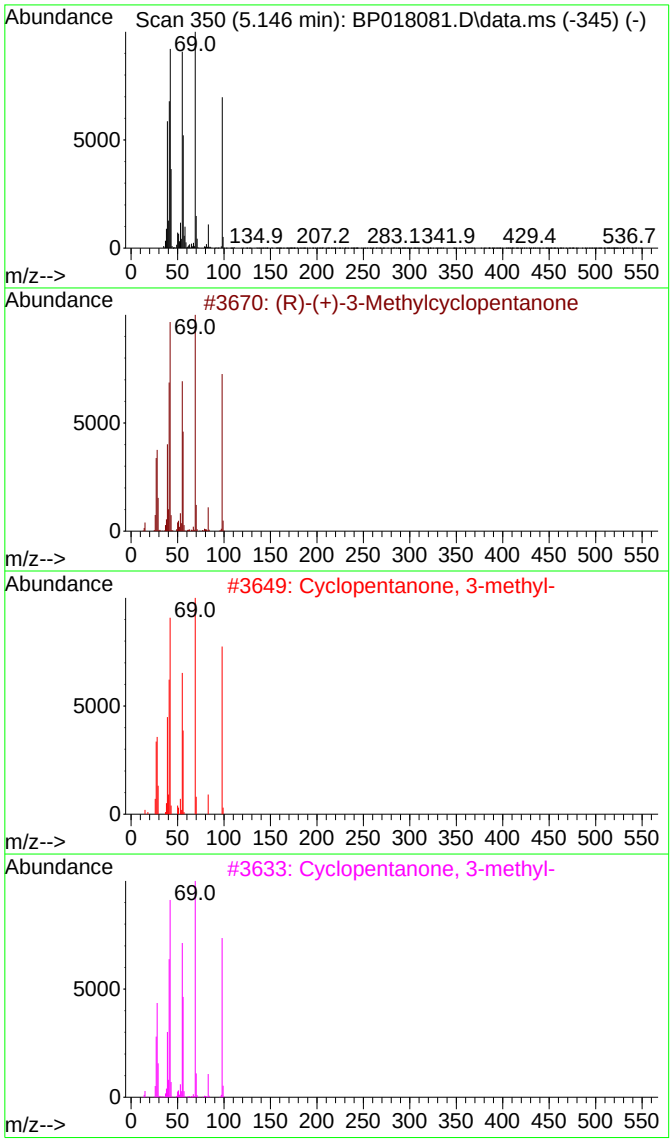
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

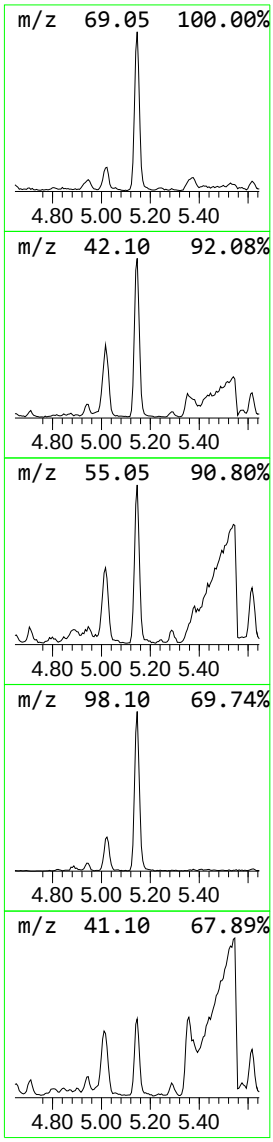
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (R)-(+)-3-Methylcyclopentanone Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.146	6.05 ng/ul	458161	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	95
2	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	94
3	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	93
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	87
5	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	87





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Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

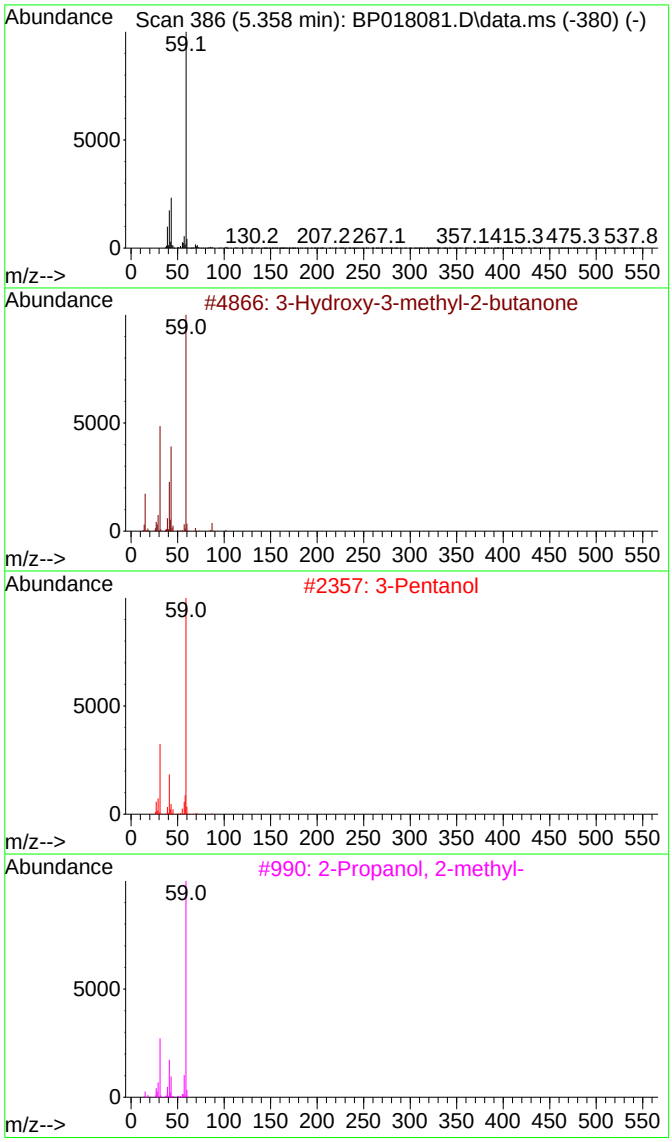
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

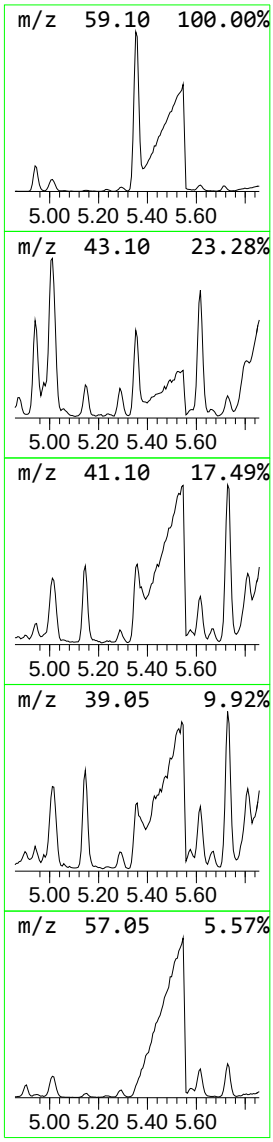
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Hydroxy-3-methyl-2-butanone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.358	11.16 ng/ul	844878	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	64
2	3-Pentanol	88	C5H12O	000584-02-1	50
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
4	3-Pentanol	88	C5H12O	000584-02-1	40
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	39





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

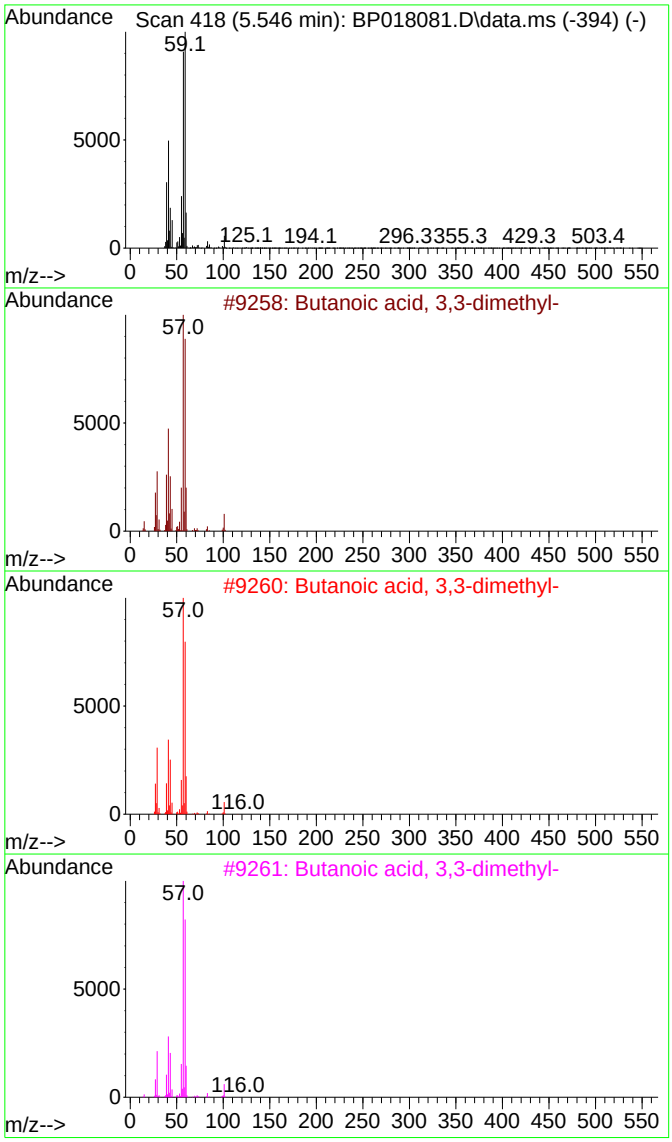
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

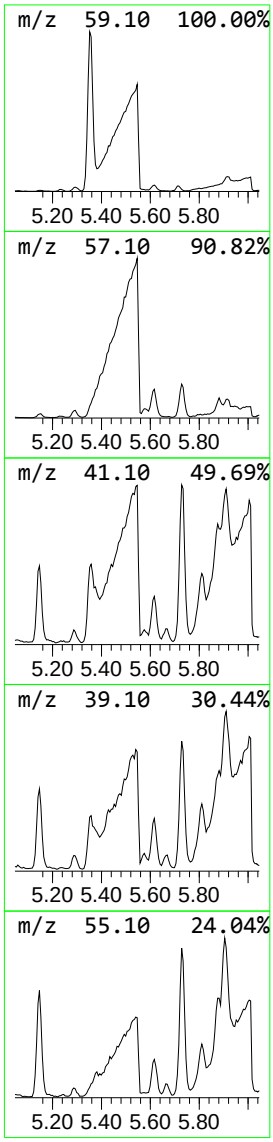
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Butanoic acid, 3,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.546	39.45 ng/ul	2986580	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	72
2	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	64
3	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	56
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	45





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

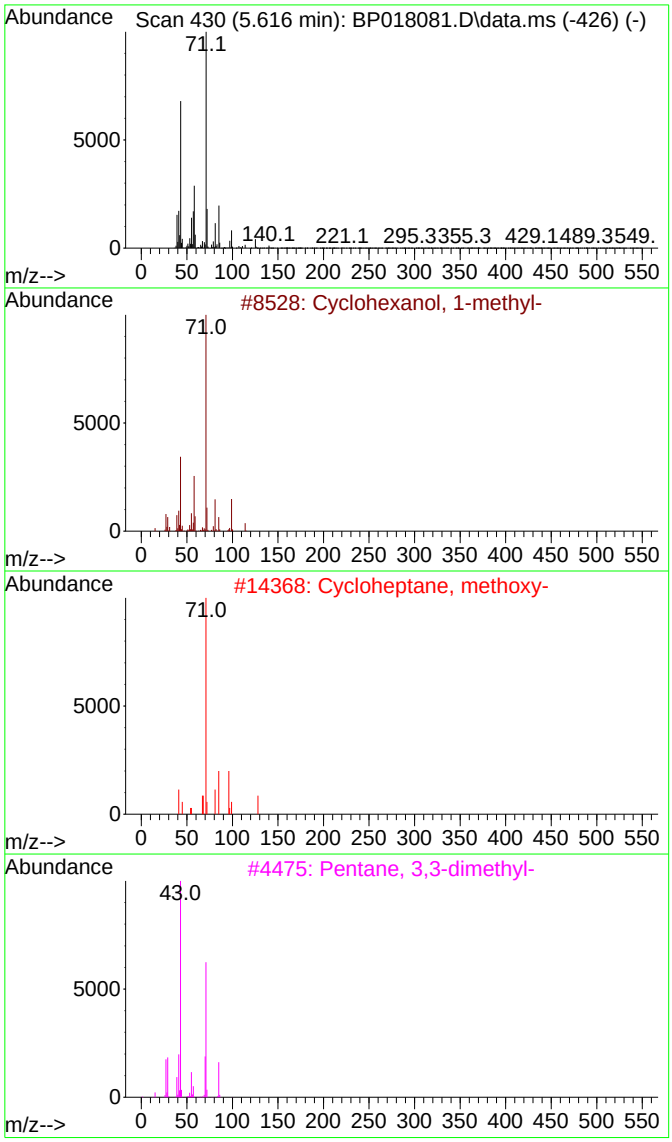
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

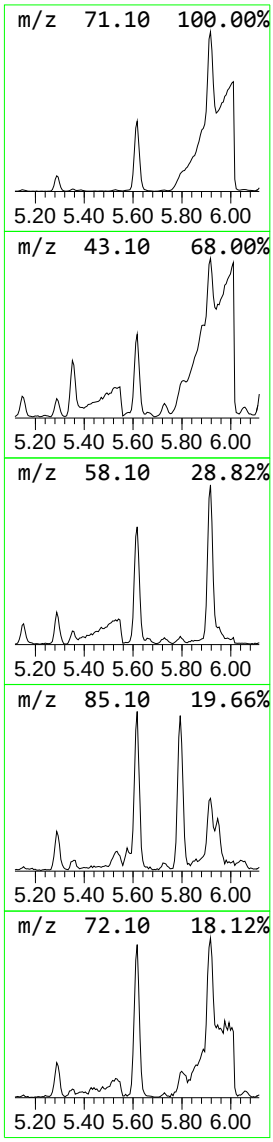
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexanol, 1-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.616	7.54 ng/ul	570794	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	64
2	Cycloheptane, methoxy-	128	C8H16O	042604-04-6	59
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
5	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	50





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

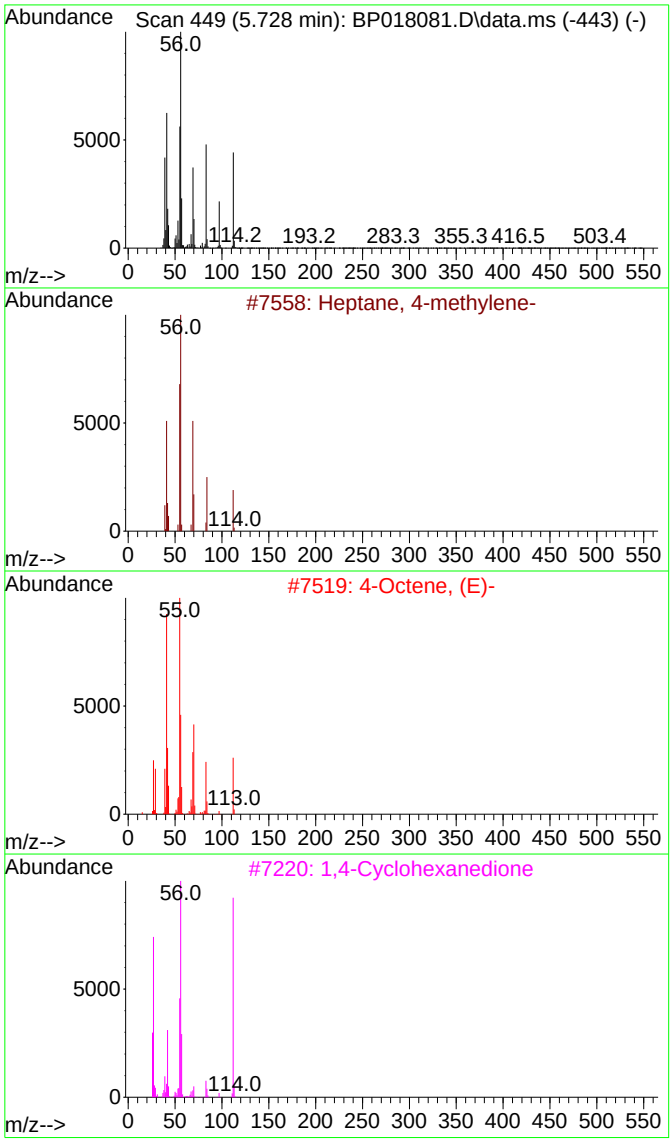
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

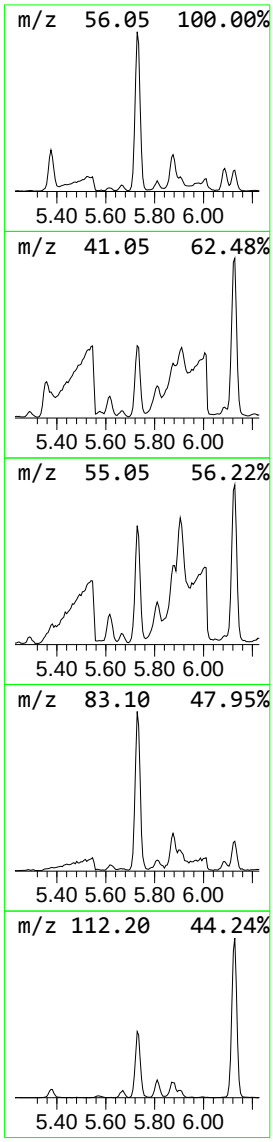
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.728	12.09 ng/ul	915455	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methylene-	112	C8H16	015918-08-8	47
2	4-Octene, (E)-	112	C8H16	014850-23-8	47
3	1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	47
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	43
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	43





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Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

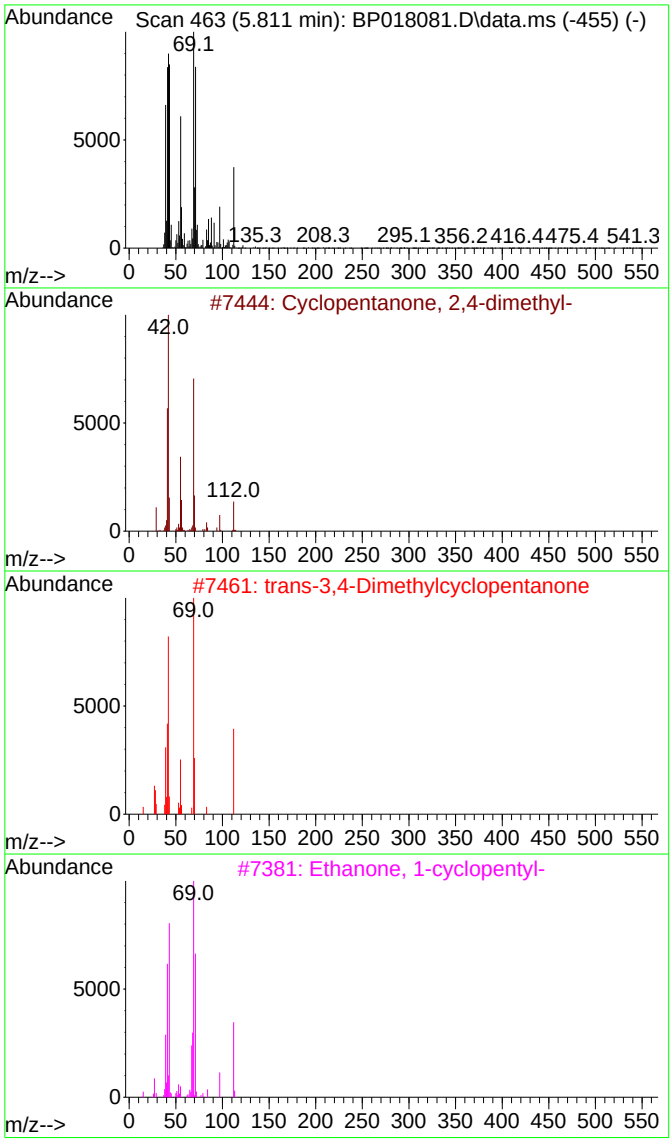
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

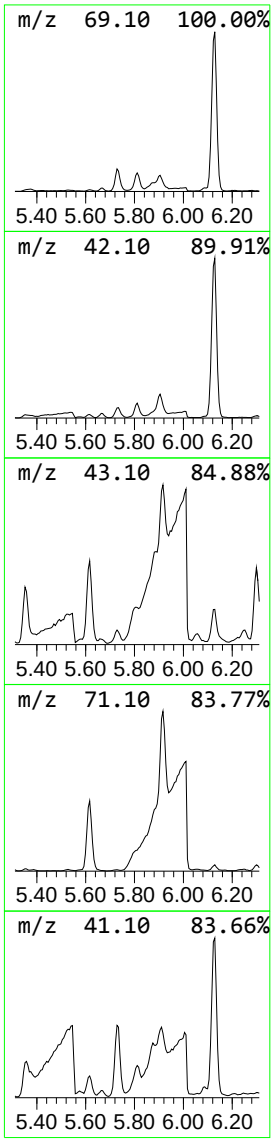
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.811	7.95 ng/ul	602251	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	60
2	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	46
3	Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	46
4	Oxirane, butyl-	100	C6H12O	001436-34-6	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	35





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Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

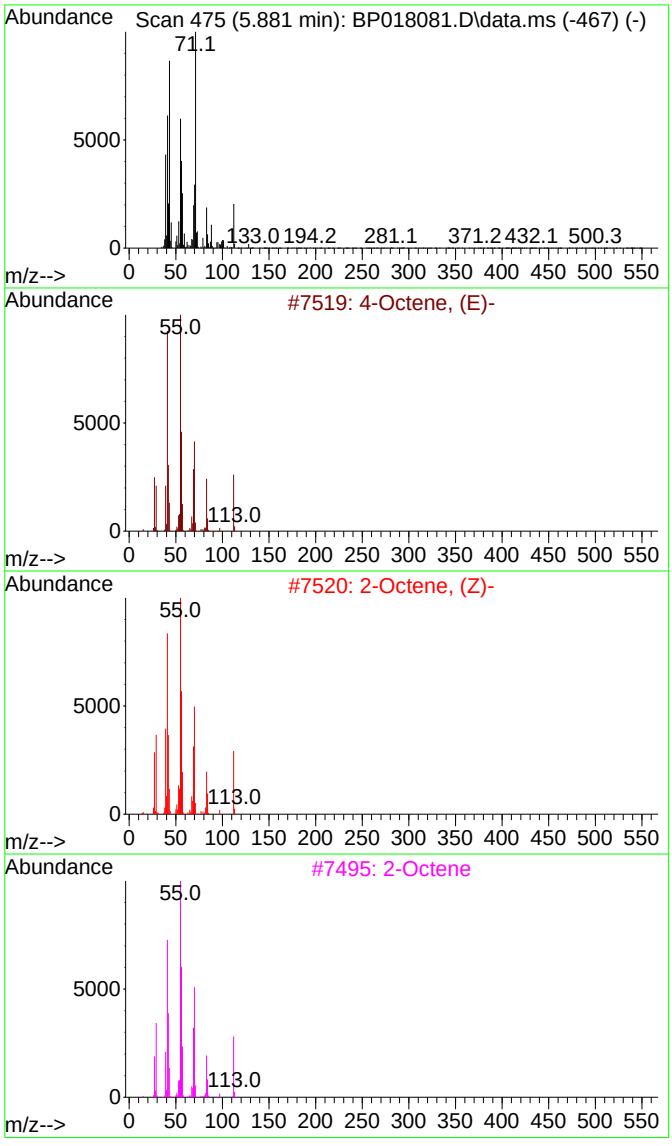
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

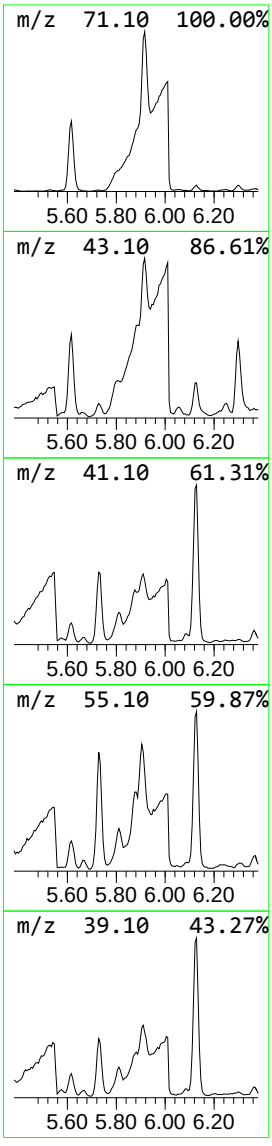
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Octene, (E)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.881	7.49 ng/ul	567219	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, (E)-	112	C8H16	014850-23-8	80
2	2-Octene, (Z)-	112	C8H16	007642-04-8	46
3	2-Octene	112	C8H16	000111-67-1	42
4	2-Octene, (Z)-	112	C8H16	007642-04-8	42
5	2-Octene, (E)-	112	C8H16	013389-42-9	42





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

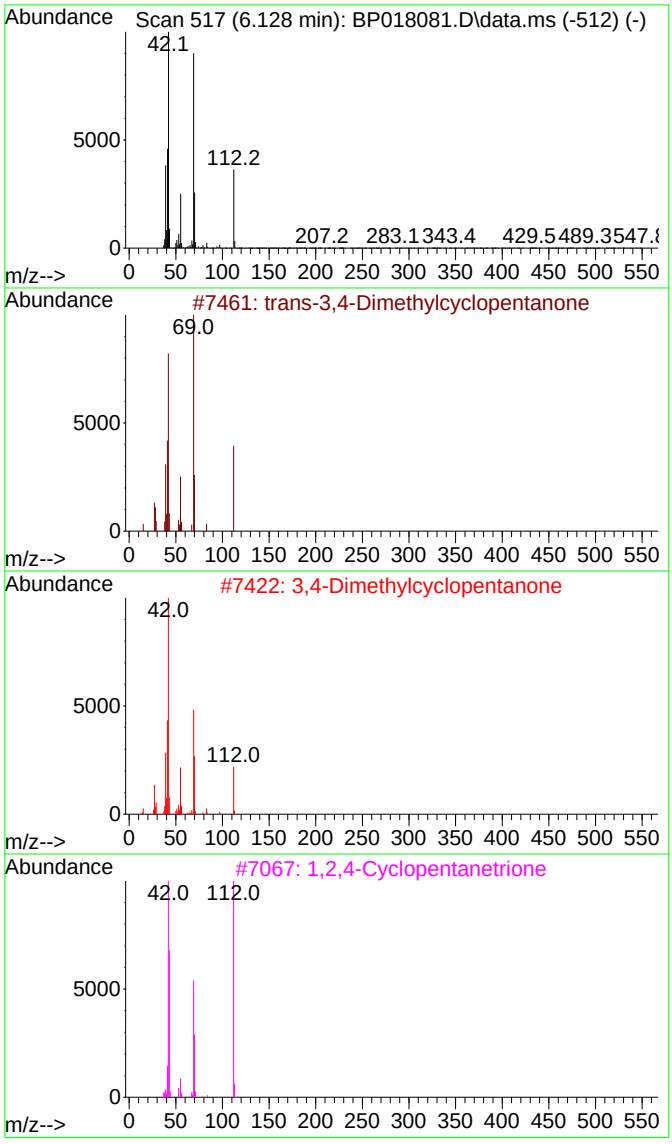
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

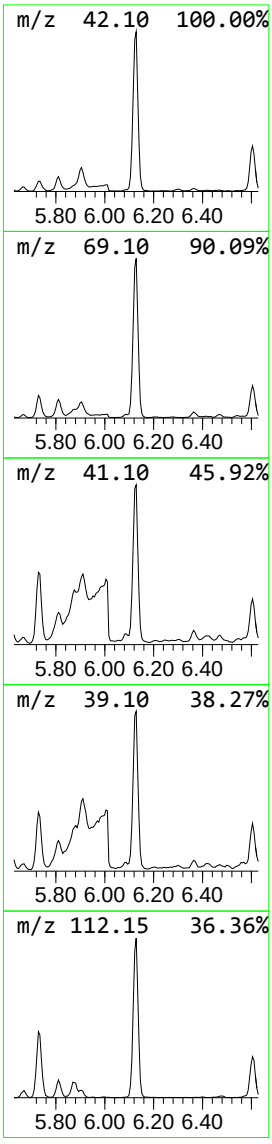
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 trans-3,4-Dimethylcyclopent... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	26.44 ng/ul	2001840	1,4-Dichlorobenzene-d4	7.846

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	59
3	1,2,4-Cyclopentanetrione	112	C5H4O3	015849-14-6	45
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	43
5	1-Pentene	70	C5H10	000109-67-1	35





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

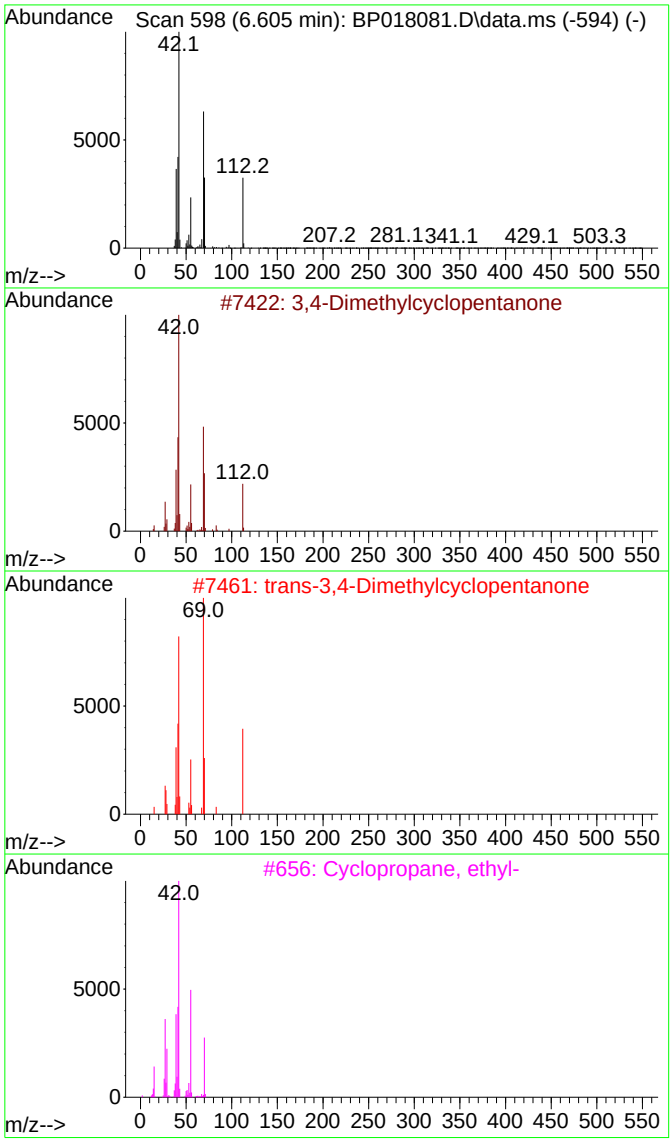
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

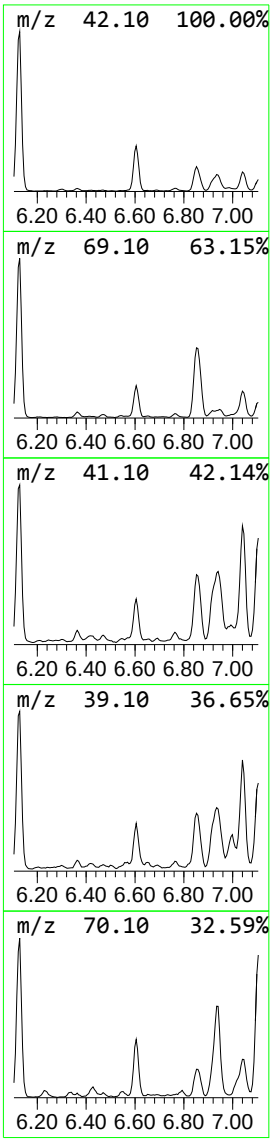
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 3,4-Dimethylcyclopentanone Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.605	6.00 ng/ul	454407	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcyclopentanone	112	C7H12O	058372-16-0	91
2	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	80
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
4	1-Pentene	70	C5H10	000109-67-1	53
5	1-Pentene	70	C5H10	000109-67-1	53





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Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

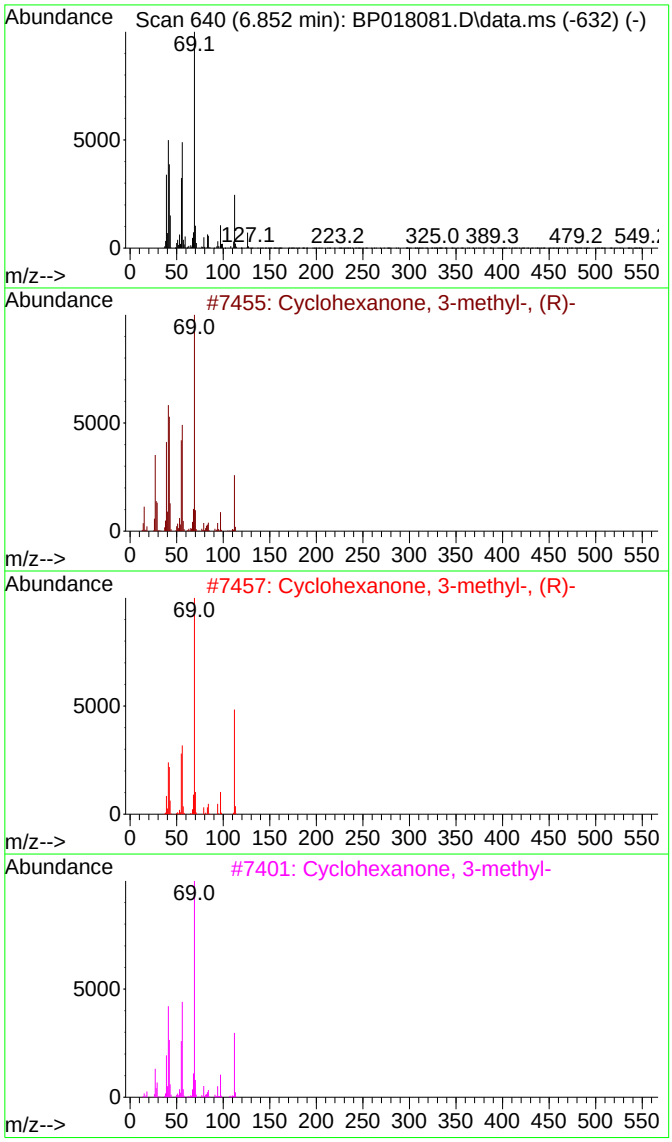
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

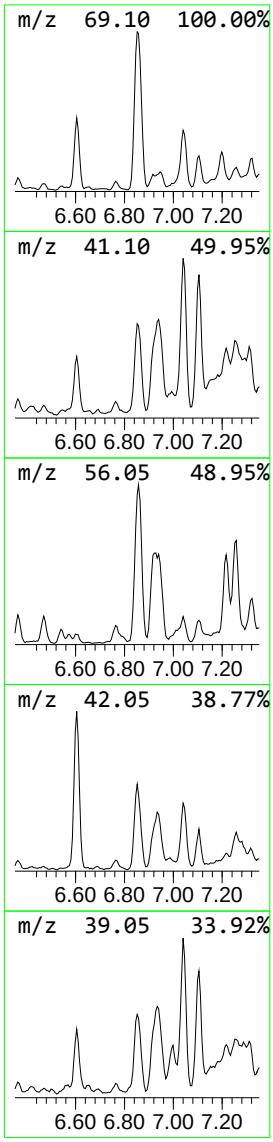
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclohexanone, 3-methyl-, (R)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.852	14.47 ng/ul	1095840	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	97
2	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	87
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	83
4	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	74
5	2-Methyl-2-heptene	112	C8H16	000627-97-4	62





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ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

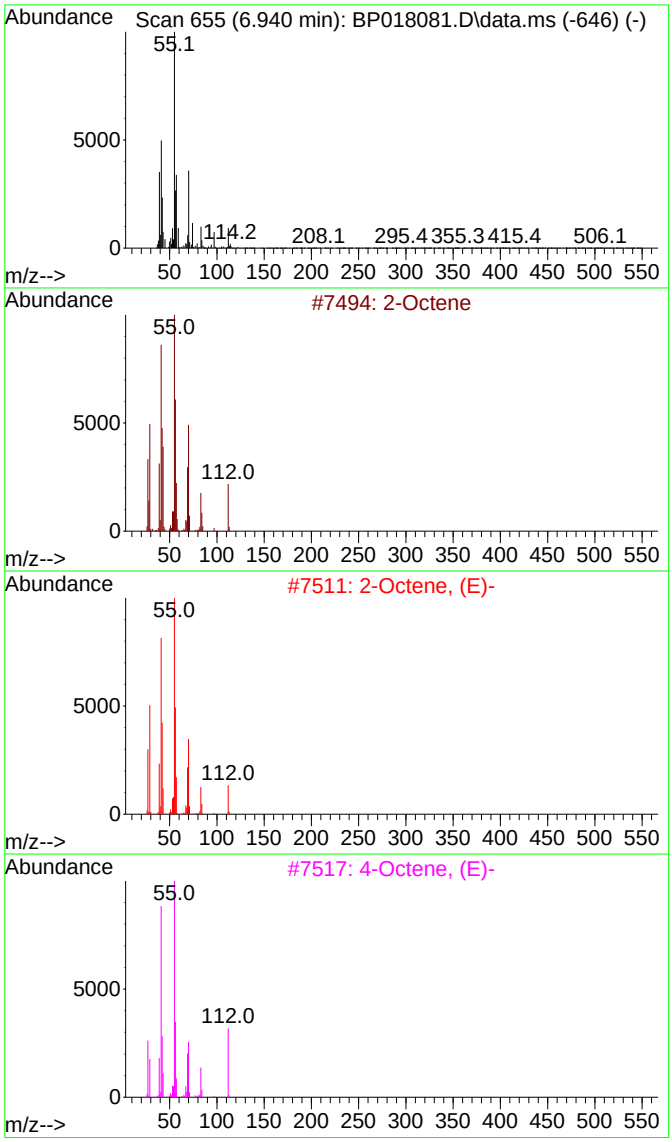
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

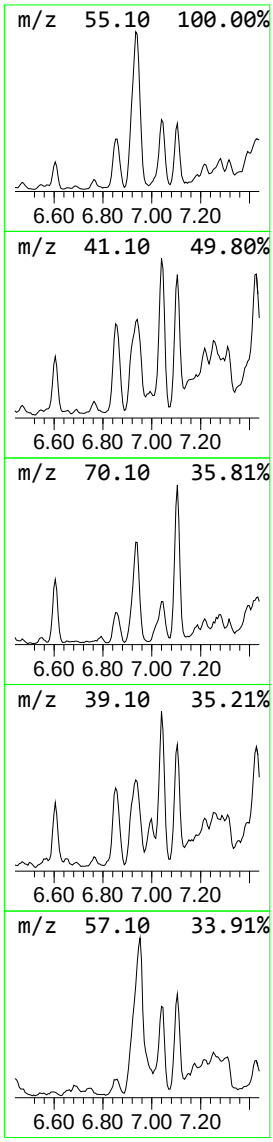
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	21.84 ng/ul	1653690	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene	112	C8H16	000111-67-1	64
2	2-Octene, (E)-	112	C8H16	013389-42-9	62
3	4-Octene, (E)-	112	C8H16	014850-23-8	59
4	2-Octene, (Z)-	112	C8H16	007642-04-8	58
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	50





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Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

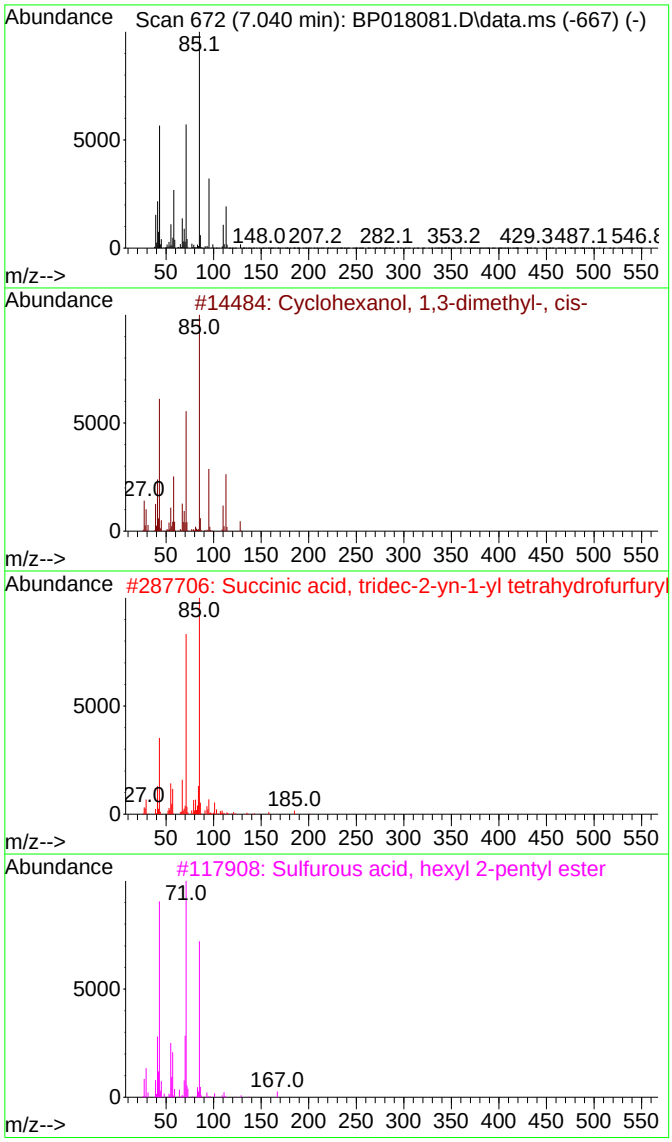
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

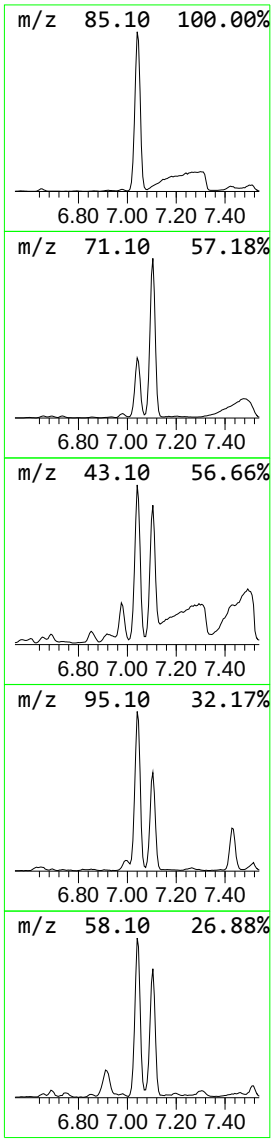
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.040	42.44 ng/ul	3213090	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	96
2	Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	50
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	47
4	2-Propyltetrahydropyran	128	C8H16O	003857-17-8	38
5	4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	38





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

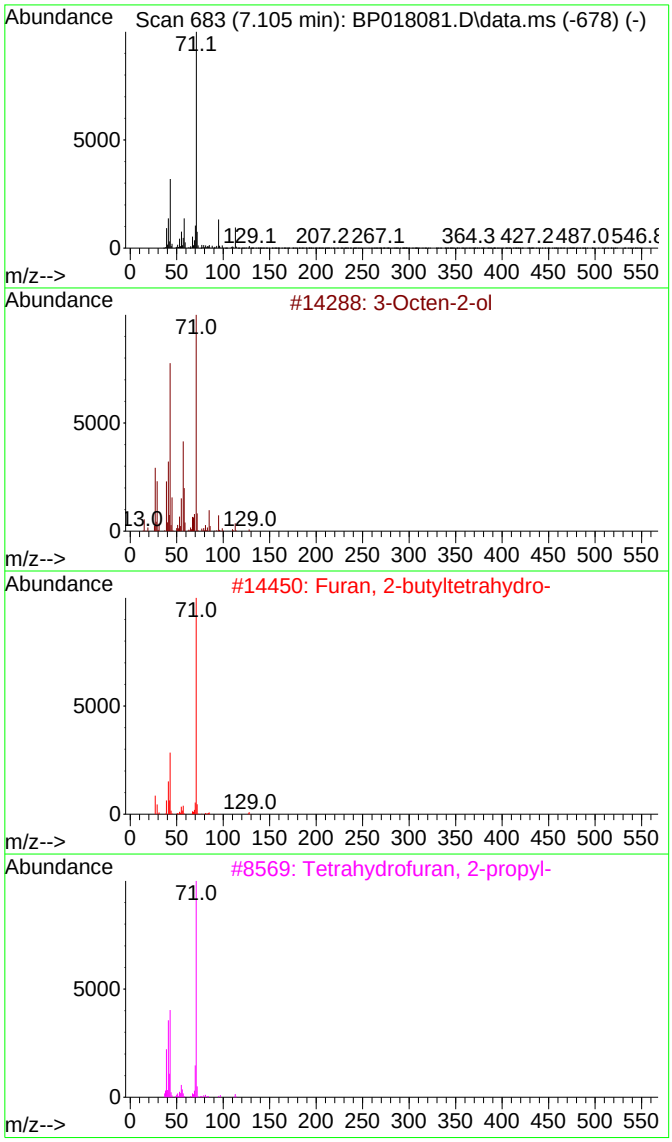
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

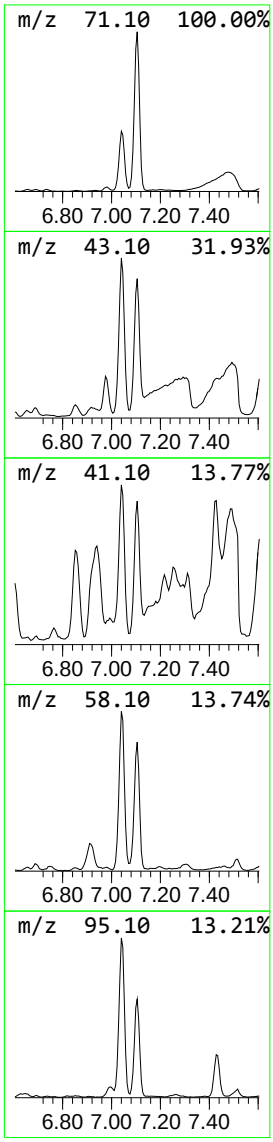
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3-Octen-2-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.105	35.92 ng/ul	2719280	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-ol	128	C8H16O	076649-14-4	59
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	53
3	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	53
4	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	53
5	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	50





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

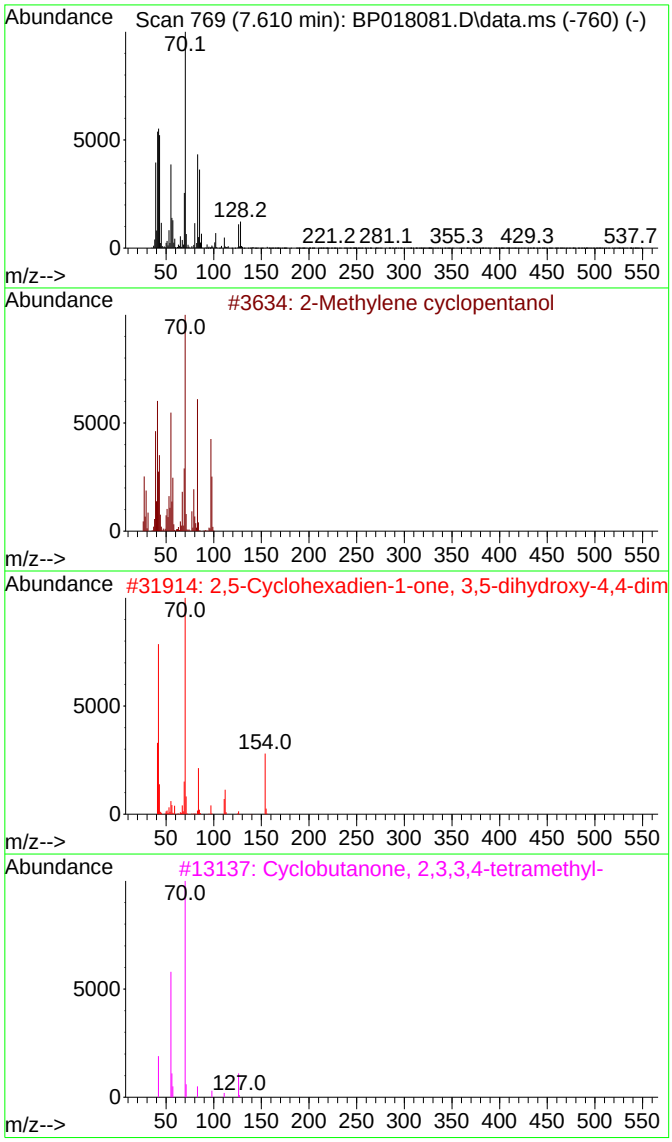
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

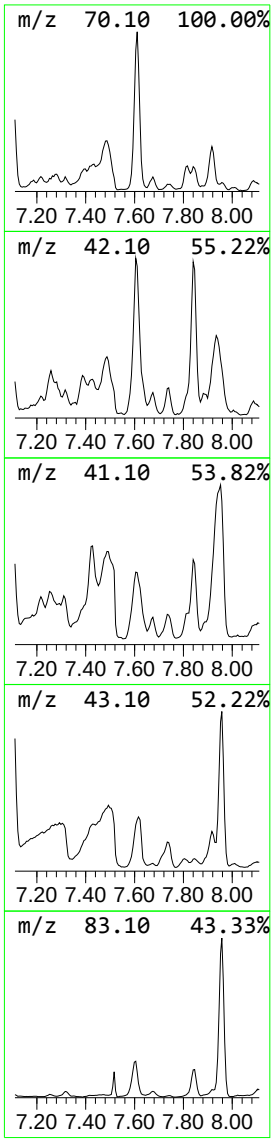
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	27.02 ng/ul	2045600	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	42
2	2,5-Cyclohexadien-1-one, 3,5-dih...	154	C8H10O3	002065-00-1	37
3	Cyclobutanone, 2,3,3,4-tetramethyl-	126	C8H14O	053907-62-3	35
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	32
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	32





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

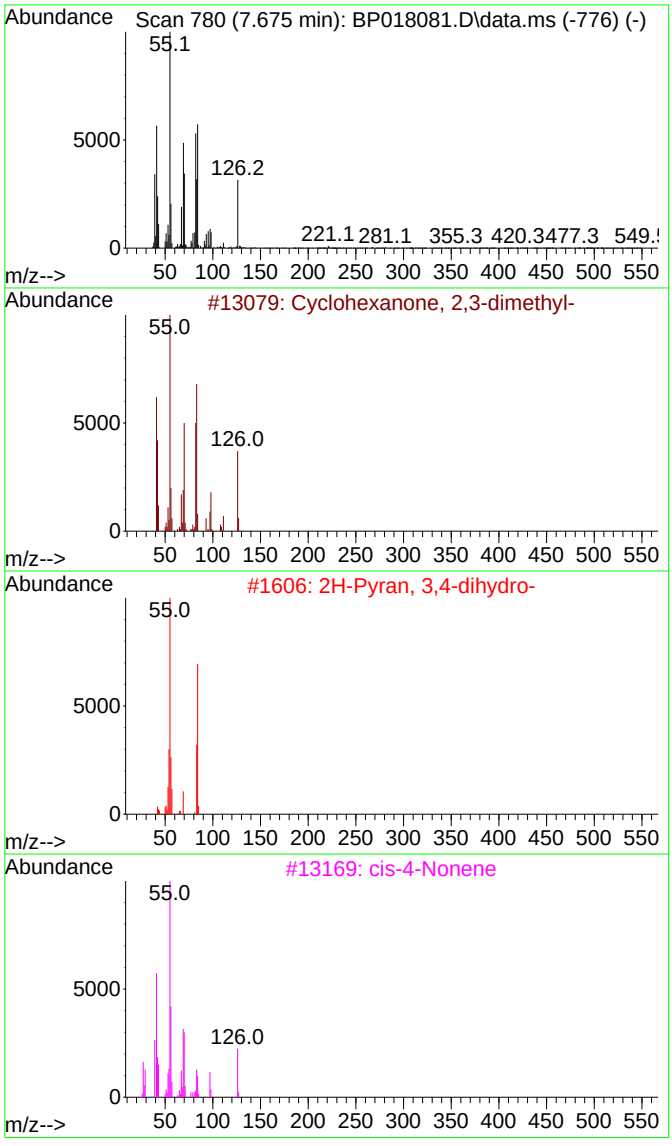
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

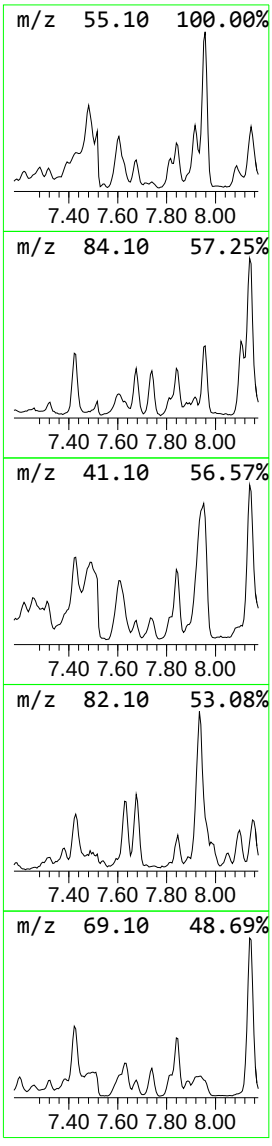
****

Peak Number 22 unknown-02 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	5.10 ng/ul	385765	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	43
2	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	38
3	cis-4-Nonene	126	C9H18	010405-84-2	38
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	35
5	1H-Imidazole, 4,5-dihydro-2-methyl-	84	C4H8N2	000534-26-9	35





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

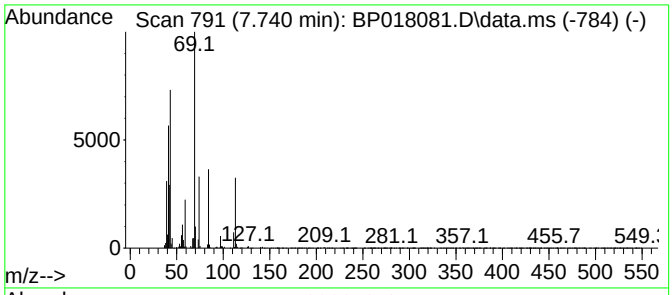
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

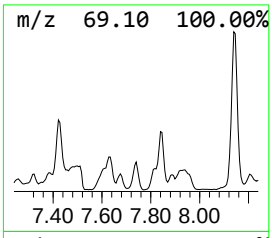
****

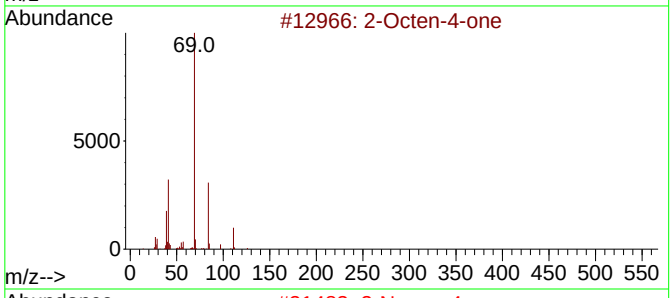
Peak Number 23 unknown-03 Concentration Rank 55

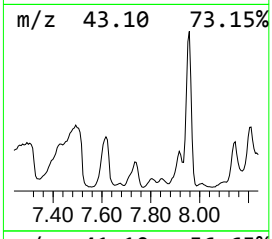
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.740	6.59 ng/ul	499238	1,4-Dichlorobenzene-d4	7.846

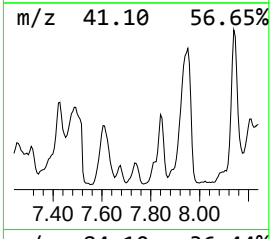
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octen-4-one	126	C8H14O	004643-27-0	46
2	2-Nonen-4-one	140	C9H16O	032064-72-5	43
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38
4	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	38
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	38

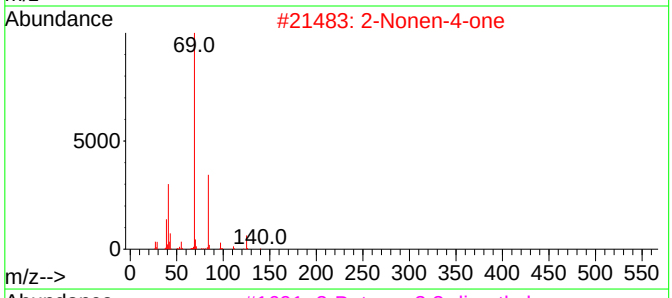


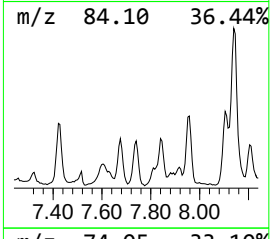


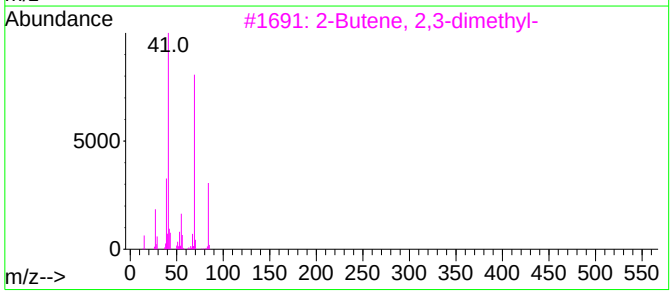


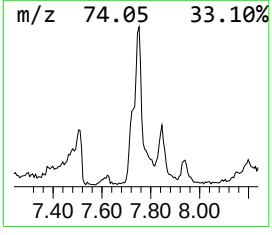












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Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

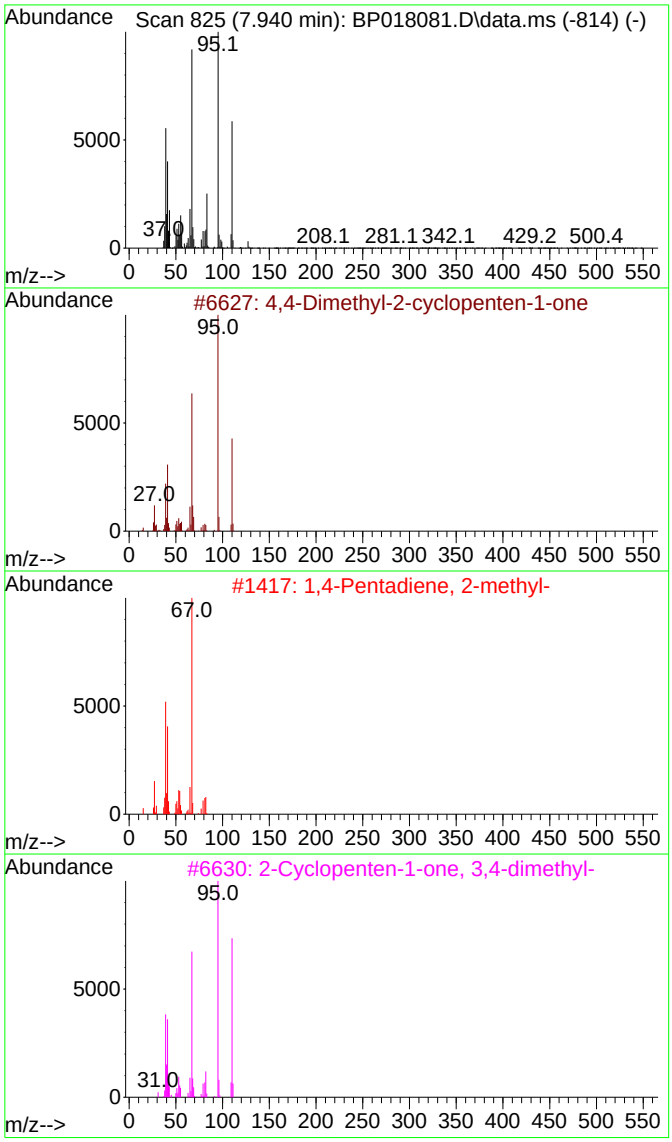
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

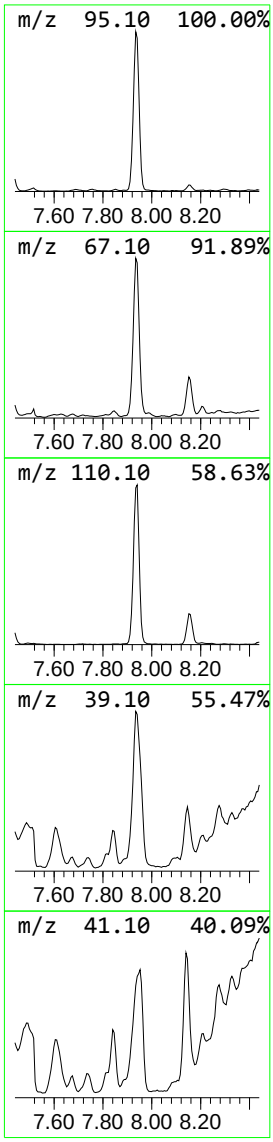
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 4,4-Dimethyl-2-cyclopenten-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.940	80.54 ng/ul	6097310	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	62
2	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	46
3	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	43
4	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	38
5	2-Hexanoylfuran	166	C10H14O2	014360-50-0	38





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

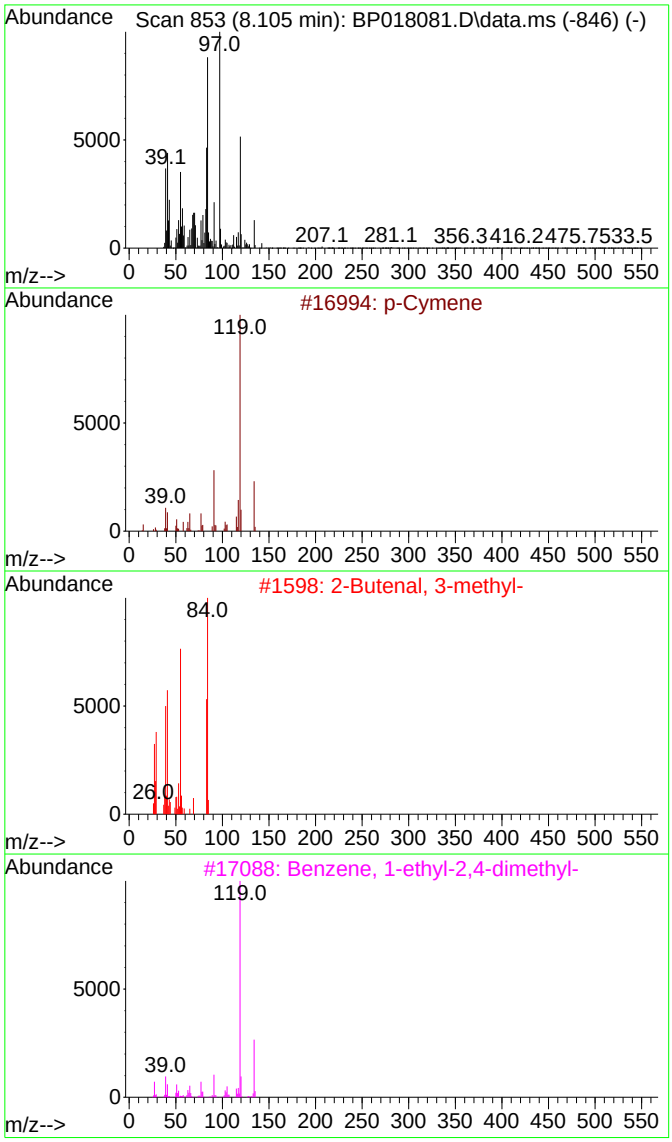
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

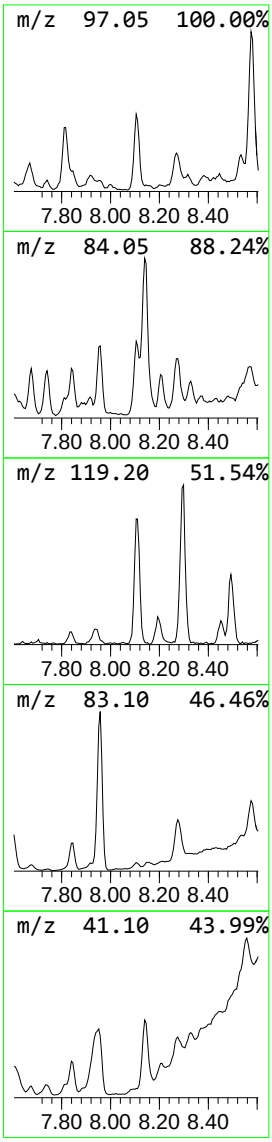
****

Peak Number 25 p-Cymene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.105	6.51 ng/ul	493110	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	53
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	30
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	25
4	p-Cymene	134	C10H14	000099-87-6	25
5	o-Cymene	134	C10H14	000527-84-4	25





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

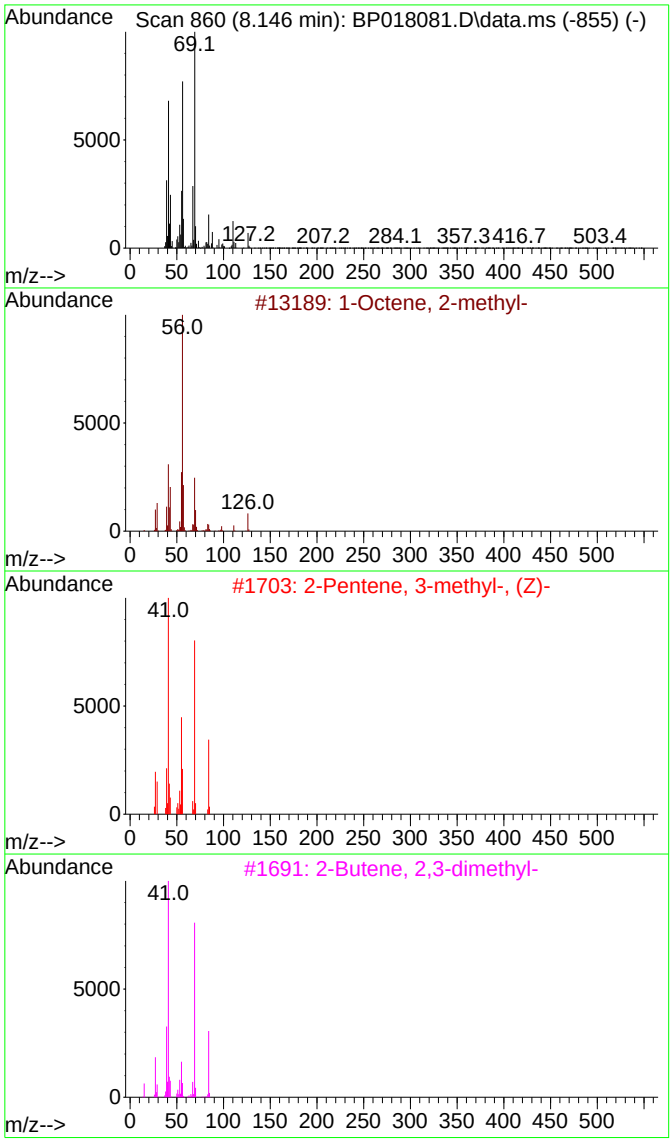
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

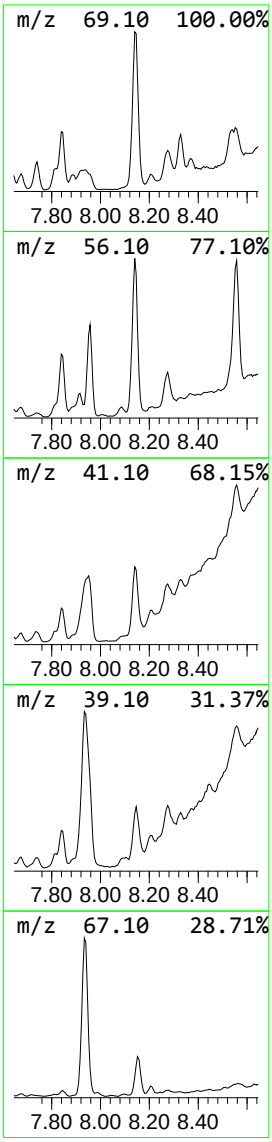
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	25.05 ng/ul	1896600	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 2-methyl-	126	C9H18	004588-18-5	43
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

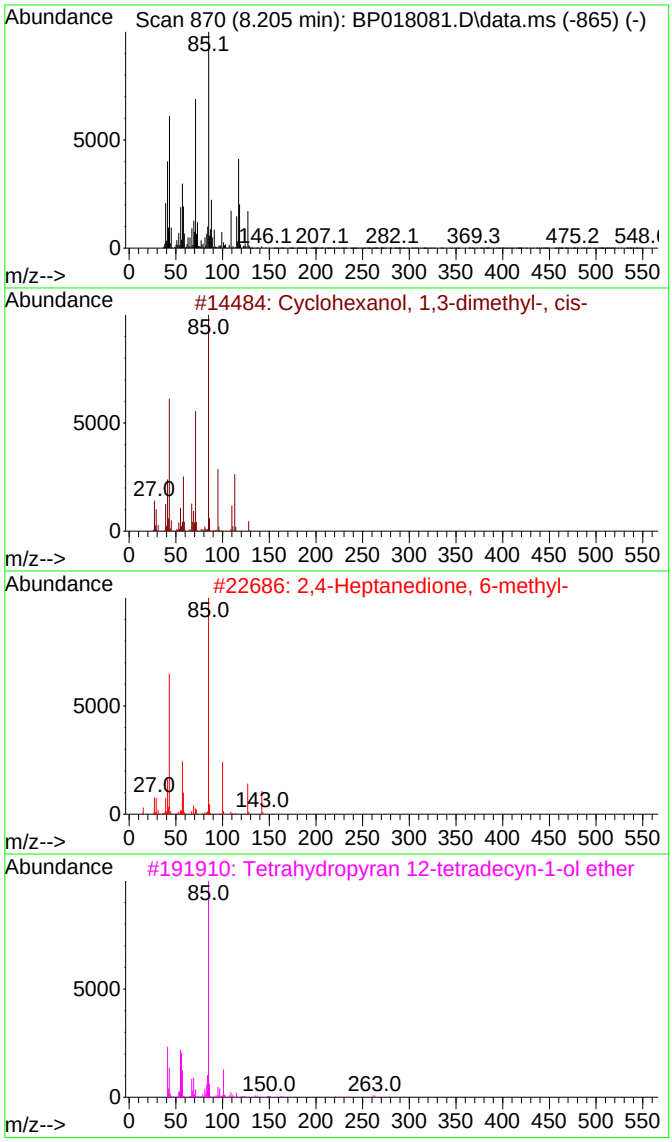
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

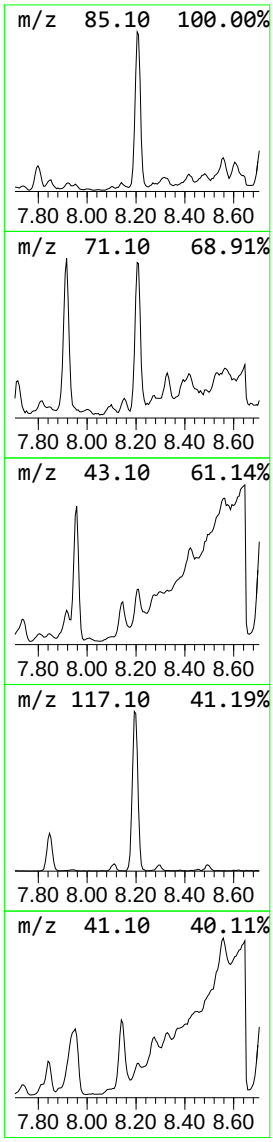
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 unknown-04 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.205	16.56 ng/ul	1254030	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	38
2	2,4-Heptanedione, 6-methyl-	142	C8H14O2	003002-23-1	27
3	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	22
4	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	22
5	2,6-Dimethyl-8-(tetrahydropyran-...	254	C15H26O3	038290-53-8	22





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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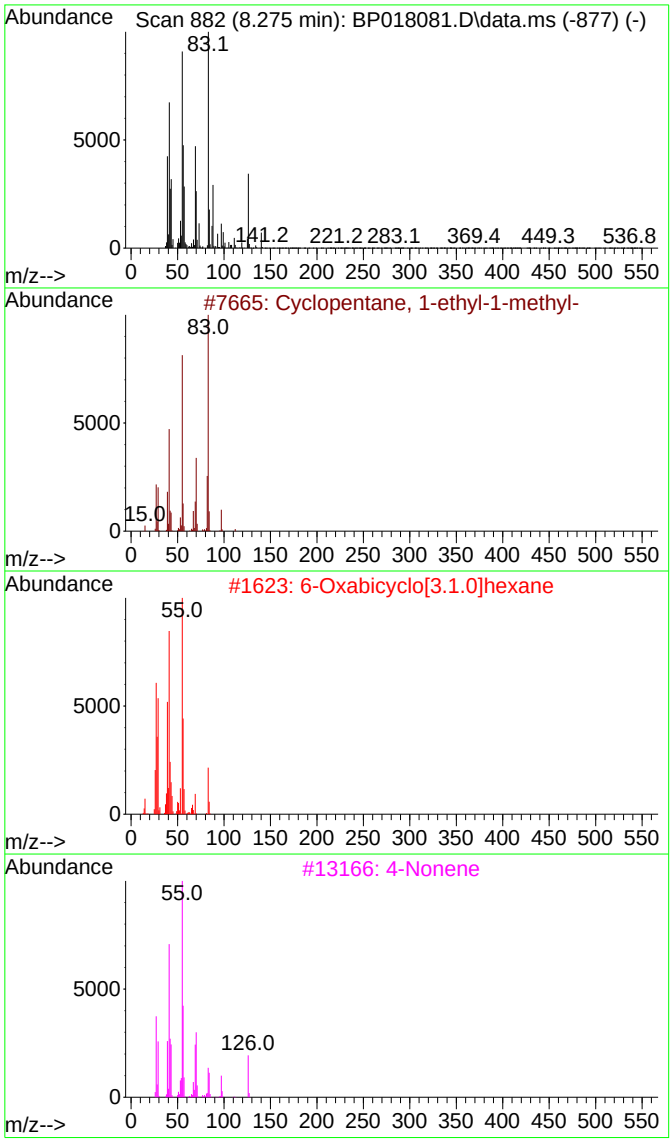
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

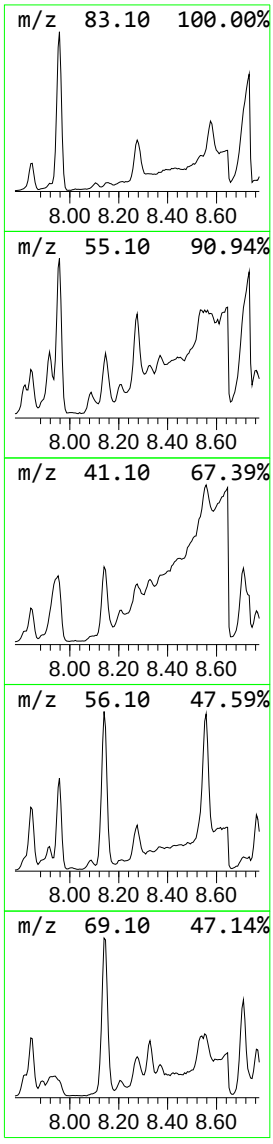
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.275 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	21.61 ng/ul	1636110	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47
2	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	38
3	4-Nonene	126	C9H18	002198-23-4	38
4	2(5H)-Furanone, 5-ethyl-	112	C6H8O2	002407-43-4	38
5	3-Nonene, (E)-	126	C9H18	020063-92-7	35





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

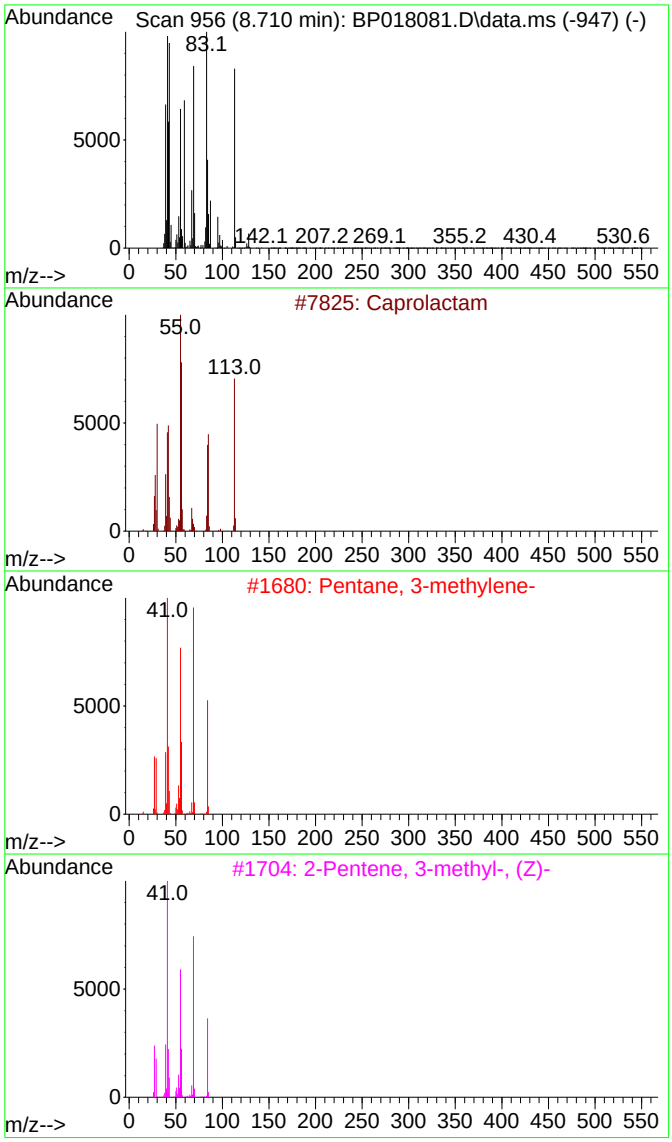
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

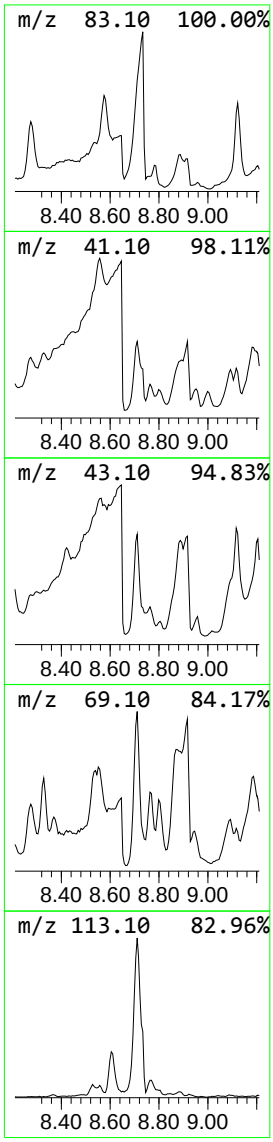
****

Peak Number 29 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	42.45 ng/ul	3213890	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprolactam	113	C6H11NO	000105-60-2	27
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	25
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	25
5	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	20





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

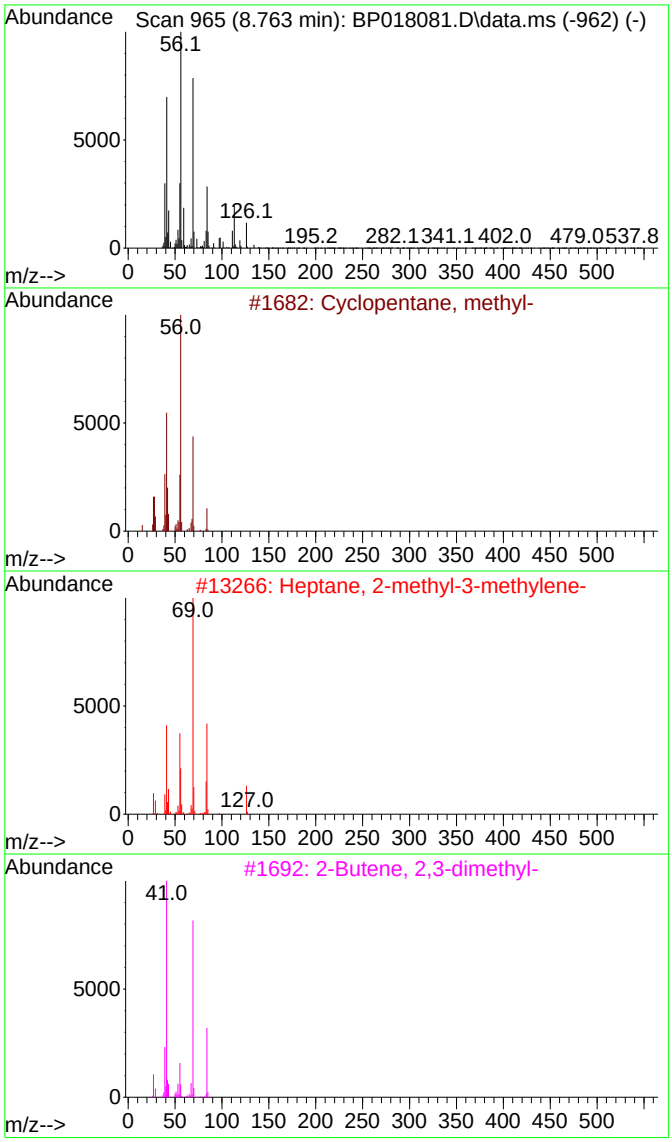
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

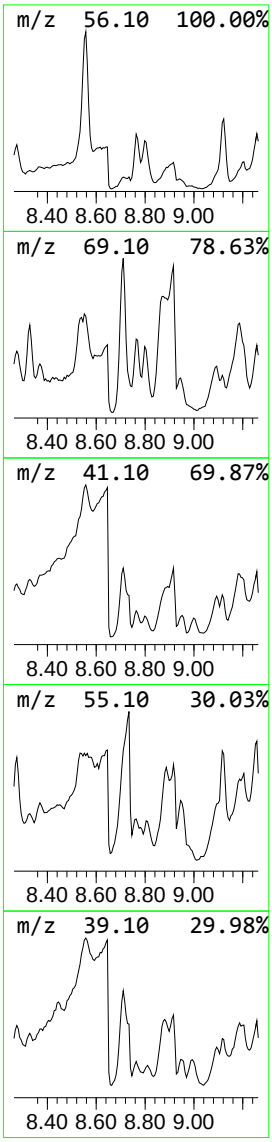
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic8.763 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	7.53 ng/ul	570221	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
2	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	43
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	38
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	38





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Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

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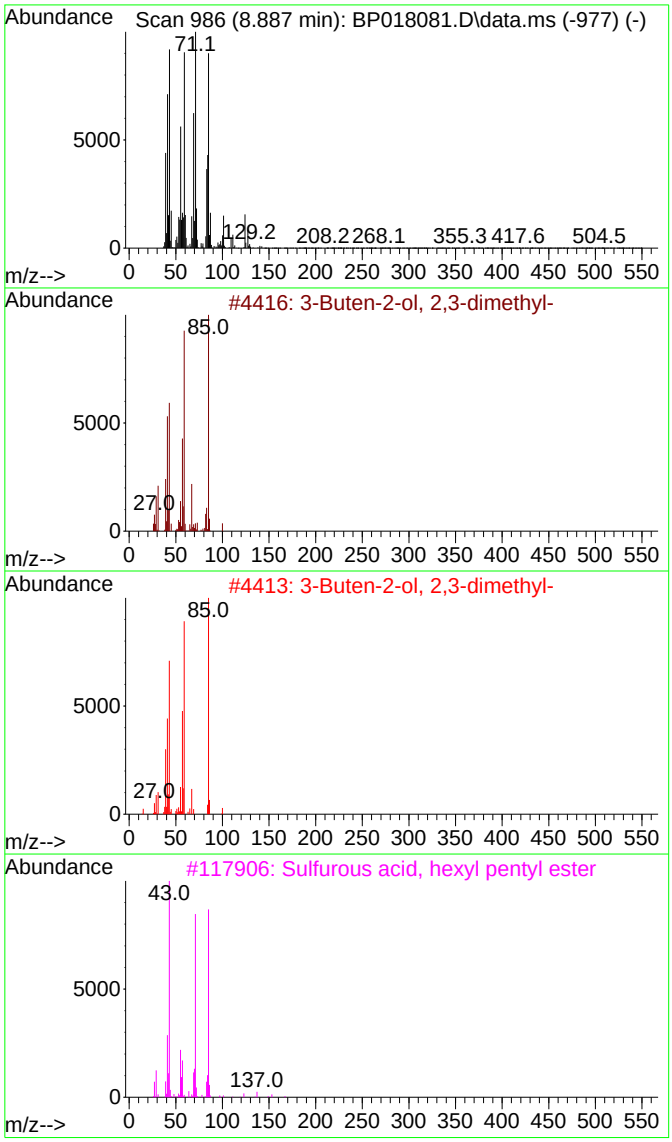
Quant Title : SVOA CALIBRATION

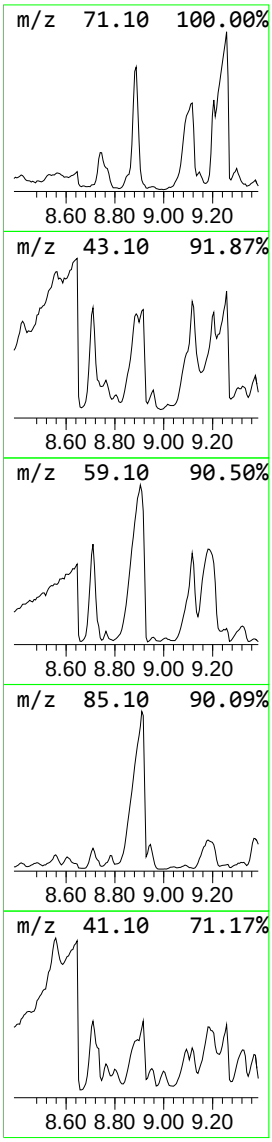
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.887	43.51 ng/ul	3294090	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	43
2	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	41
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	38
4	L-Homoserine lactone, N,N-dimethyl-	129	C6H11NO2	1010374-45-7	35
5	1-Methylpentyl isobutyrate	172	C10H20O2	1000429-31-7	22





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Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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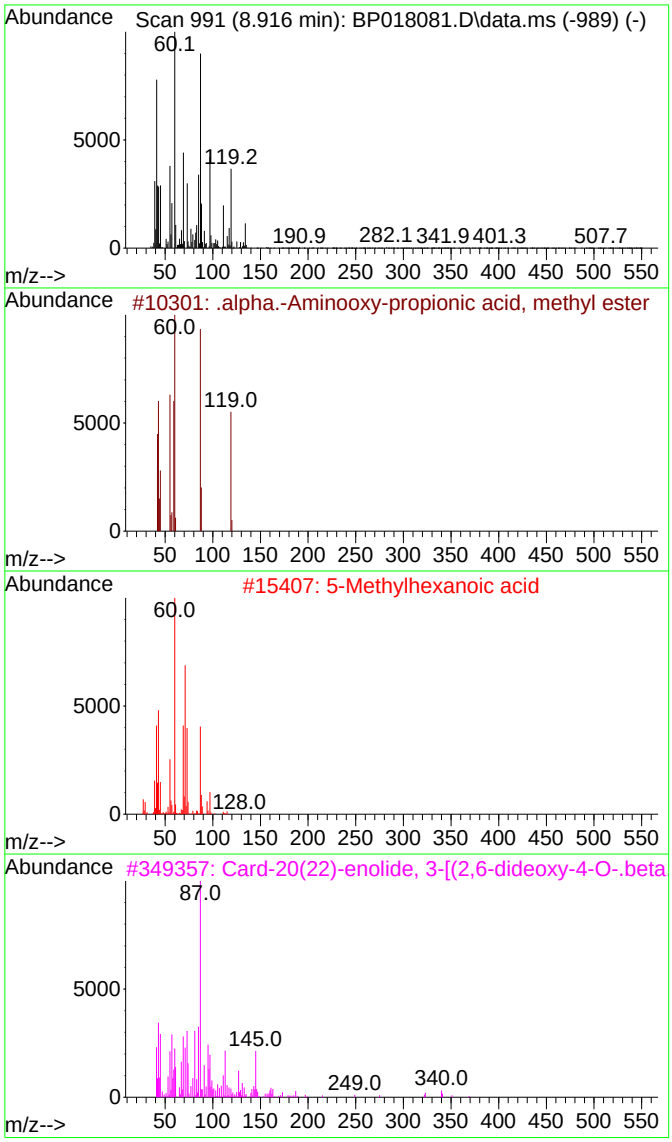
Quant Title : SVOA CALIBRATION

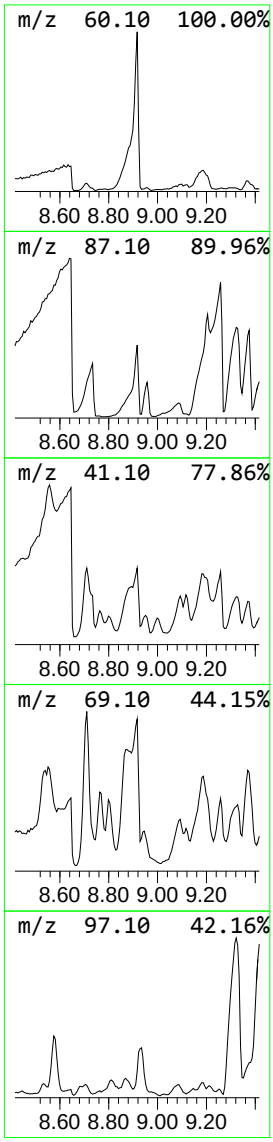
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 unknown-07 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	16.73 ng/ul	1266790	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Aminooxy-propionic acid,...	119	C4H9NO3	091666-48-7	38
2	5-Methylhexanoic acid	130	C7H14O2	000628-46-6	38
3	Card-20(22)-enolide, 3-[(2,6-did...	710	C36H54O14	000560-53-2	25
4	2-Butenoic acid, 4-hydroxy-, met...	116	C5H8O3	004508-99-0	14
5	4-Octanol, 4,7-dimethyl-	158	C10H22O	019781-13-6	12





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Acq On : 12 Nov 2023 00:15
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Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

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BNA_P
ClientSampleId :
BHEH4

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Quant Title : SVOA CALIBRATION

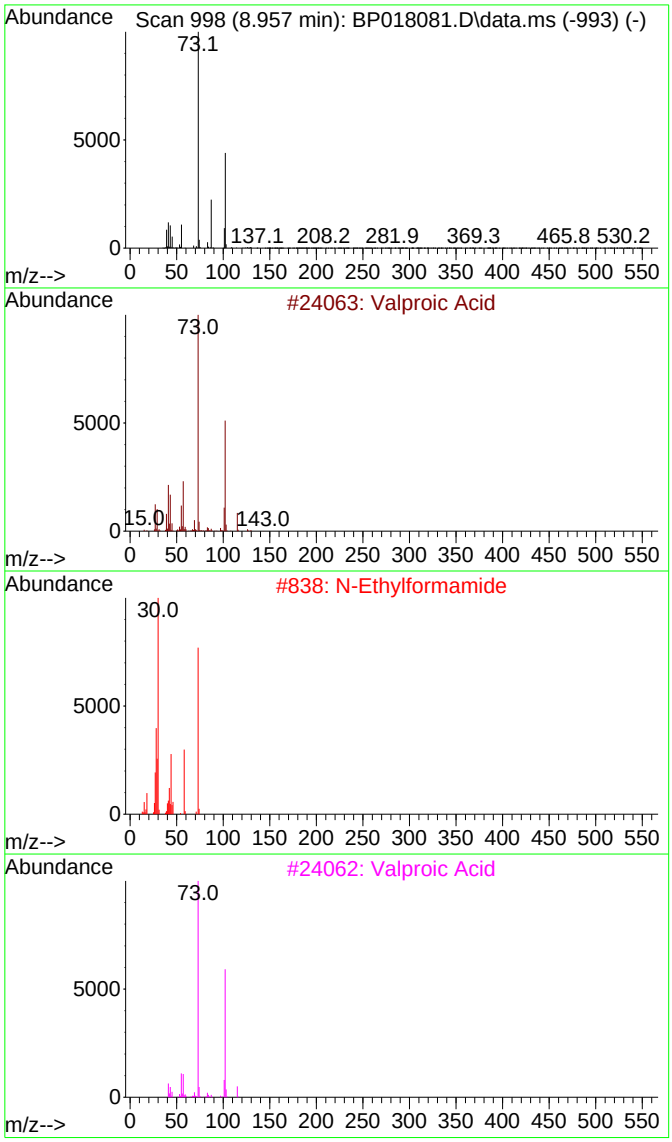
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

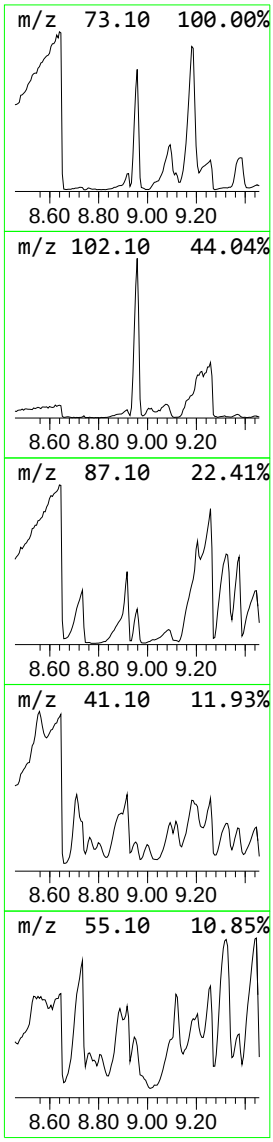
****

Peak Number 33 unknown-08 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.957	9.04 ng/ul	684561	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic Acid	144	C8H16O2	000099-66-1	36
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Valproic Acid	144	C8H16O2	000099-66-1	9
4	di-n-Propylmalonic acid	188	C9H16O4	001636-27-7	9
5	Valproic Acid	144	C8H16O2	000099-66-1	9





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

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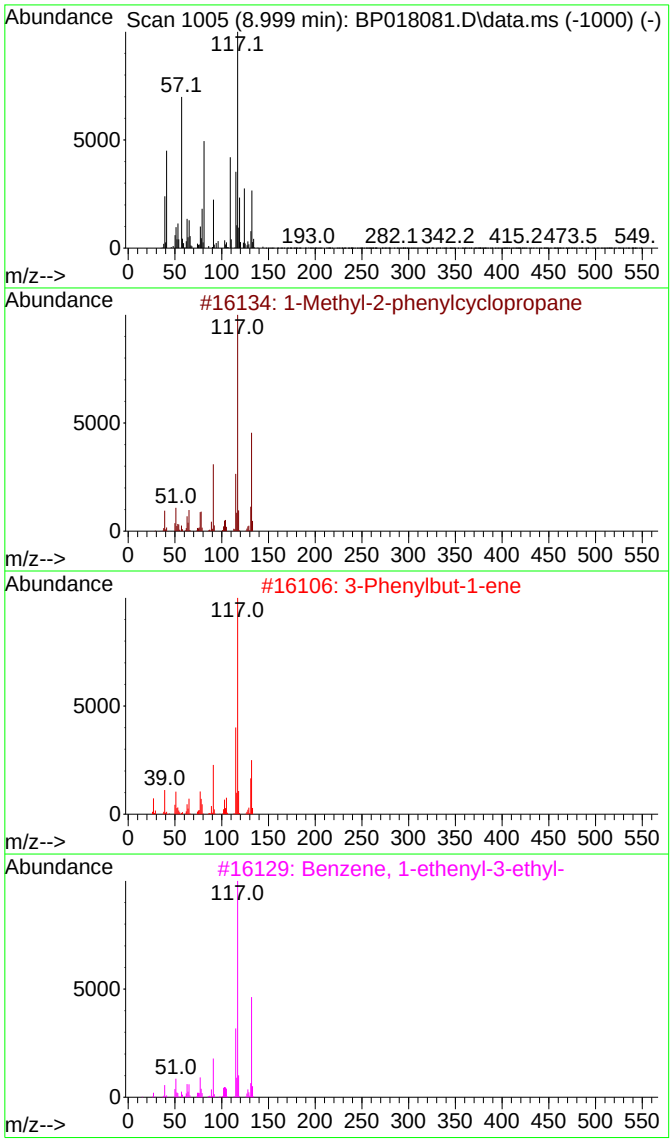
Quant Title : SVOA CALIBRATION

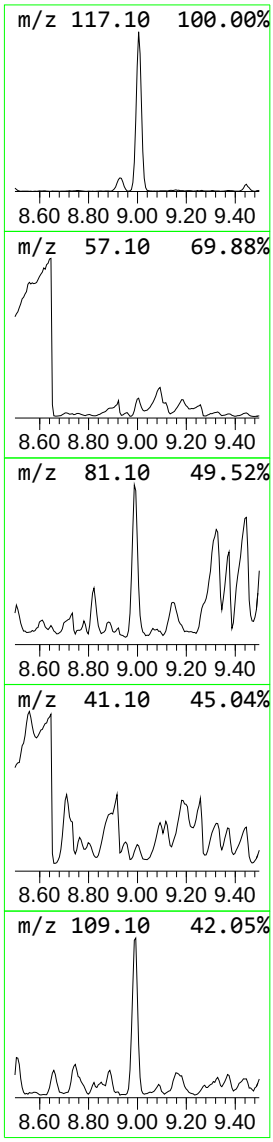
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1-Methyl-2-phenylcyclopropane Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.999	12.93 ng/ul	979045	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	53
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	53





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

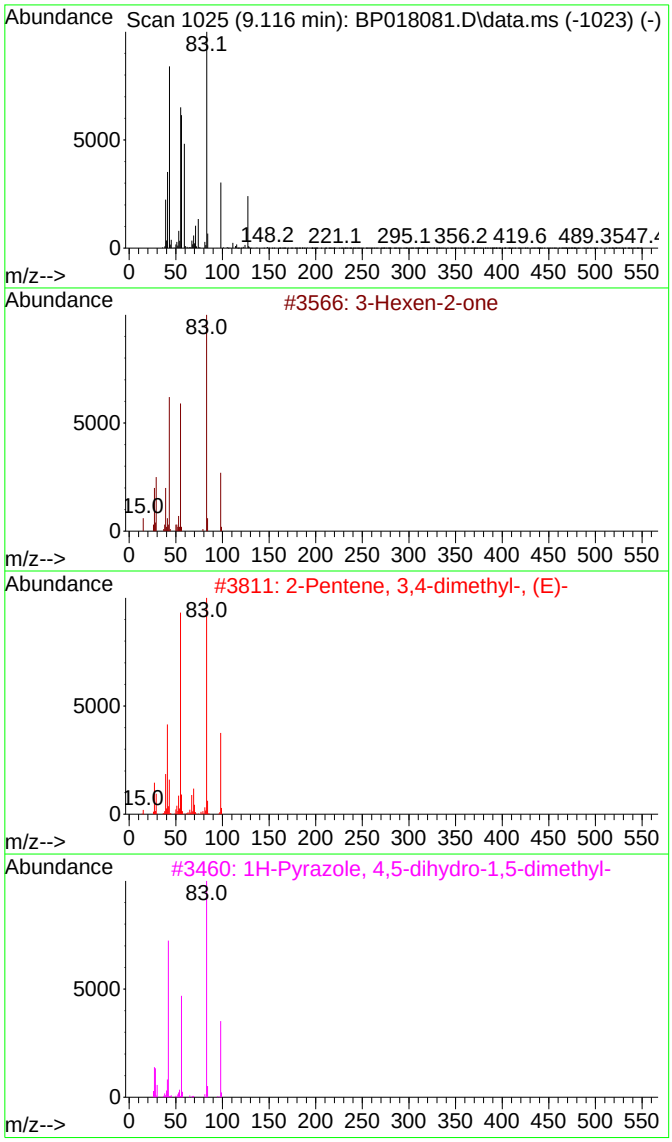
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

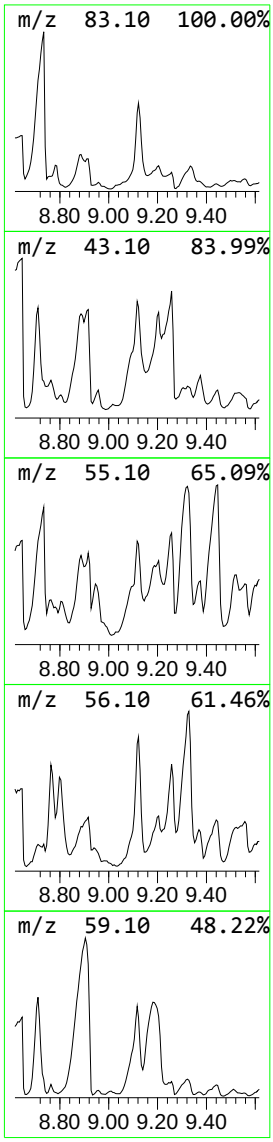
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 unknown-09 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	7.68 ng/ul	581279	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	43
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	38
3	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	38
4	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	38
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	38





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Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

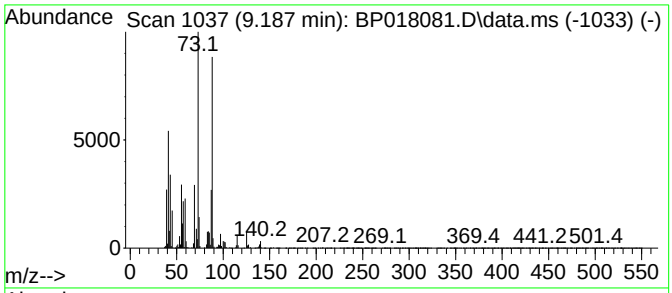
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

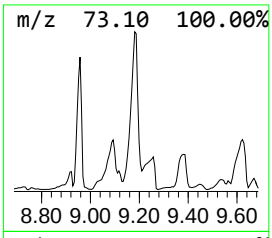
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

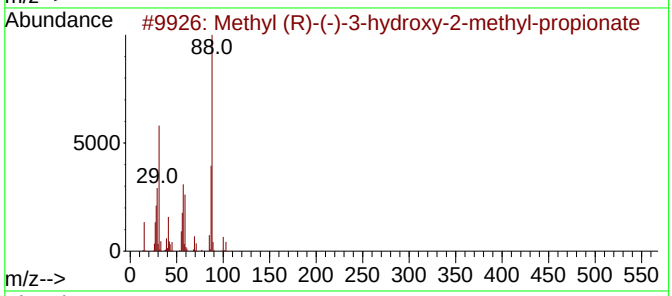
****
Peak Number 36 Methyl (R)-(-)-3-hydroxy-2-... Concentration Rank 40

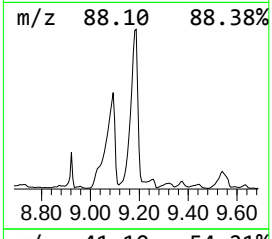
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.187	12.12 ng/ul	917486	1,4-Dichlorobenzene-d4	7.846

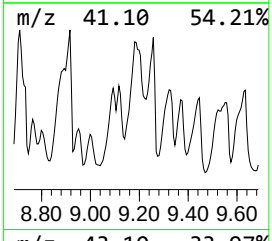
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	59
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
3	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	53
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	53

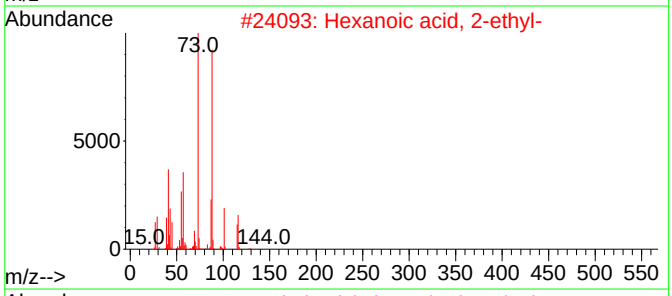


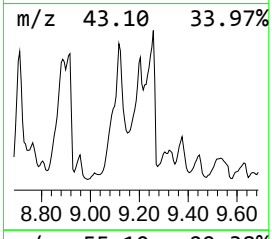


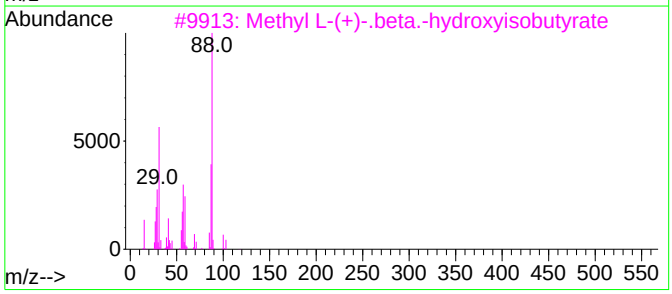


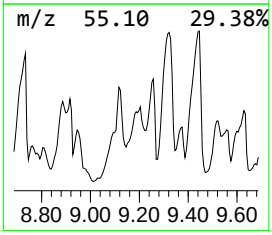












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Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

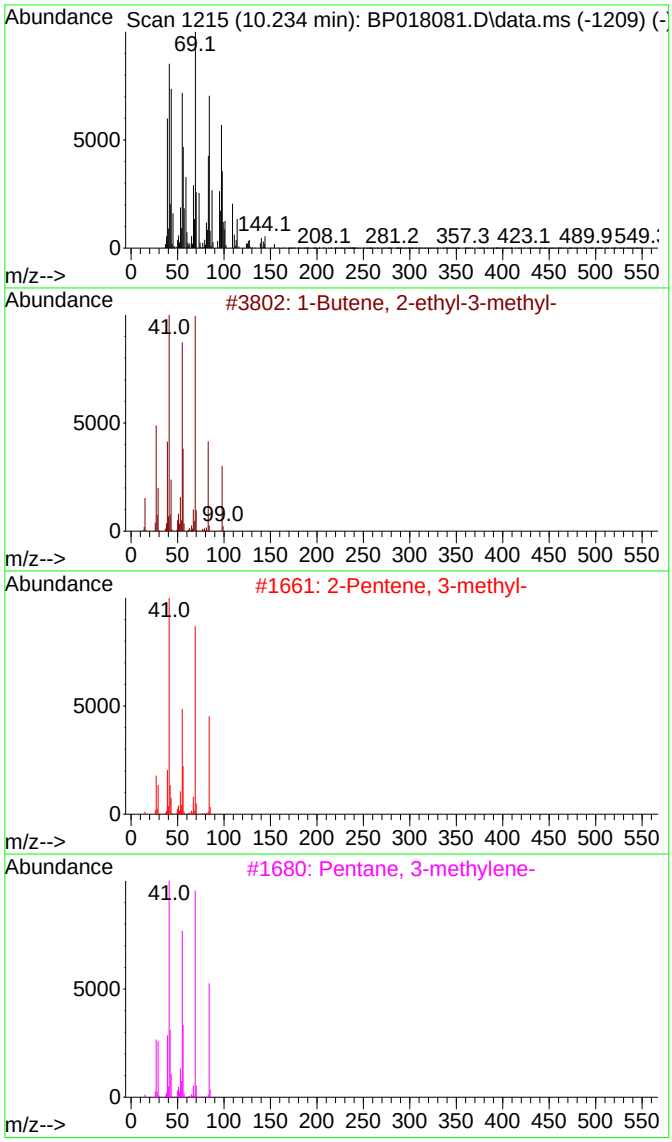
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

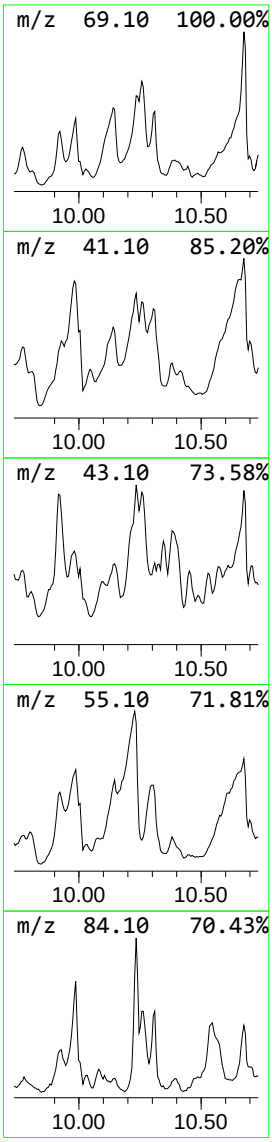
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.234	4.70 ng/ul	3193390	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	38
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	30
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
4	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	30
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	25





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Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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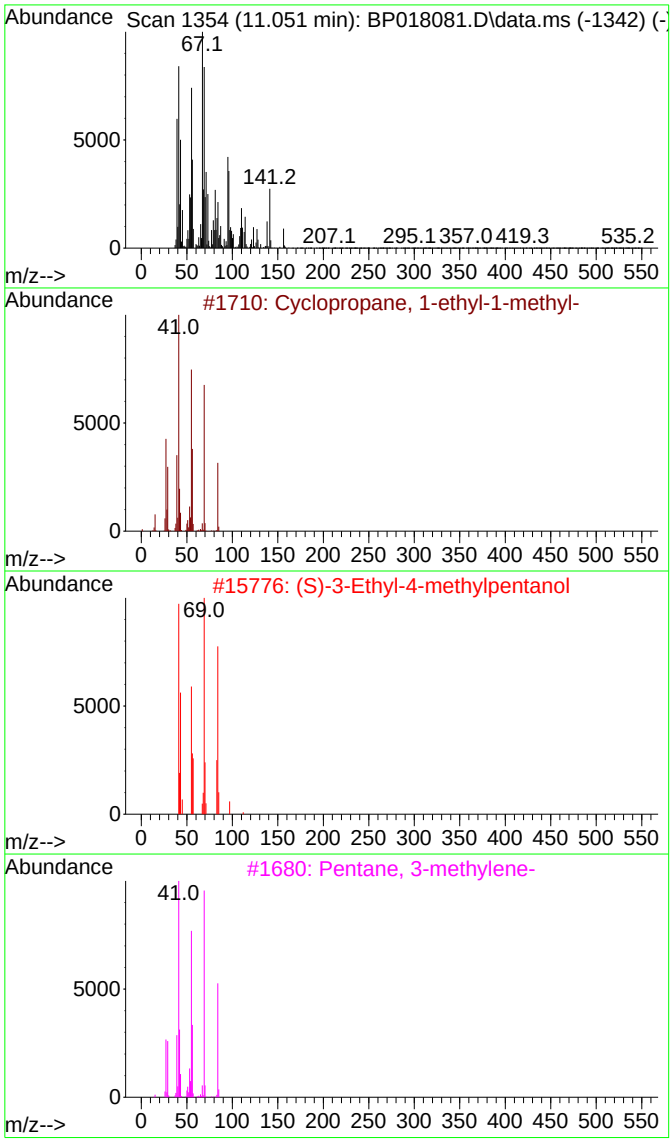
Quant Title : SVOA CALIBRATION

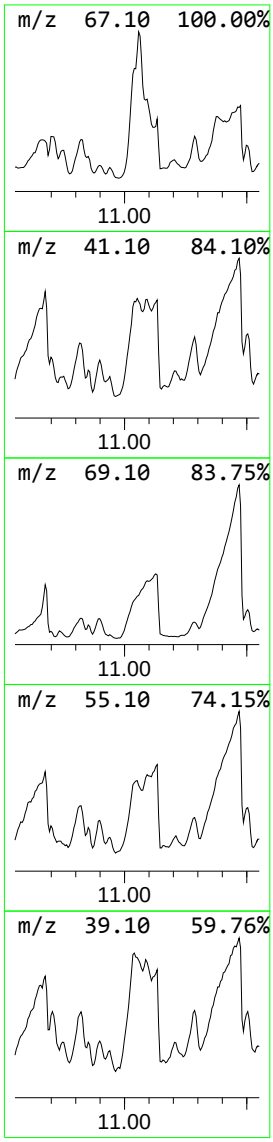
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Cyclic11.051 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	11.75 ng/ul	7982340	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	38
2	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	30
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	30
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

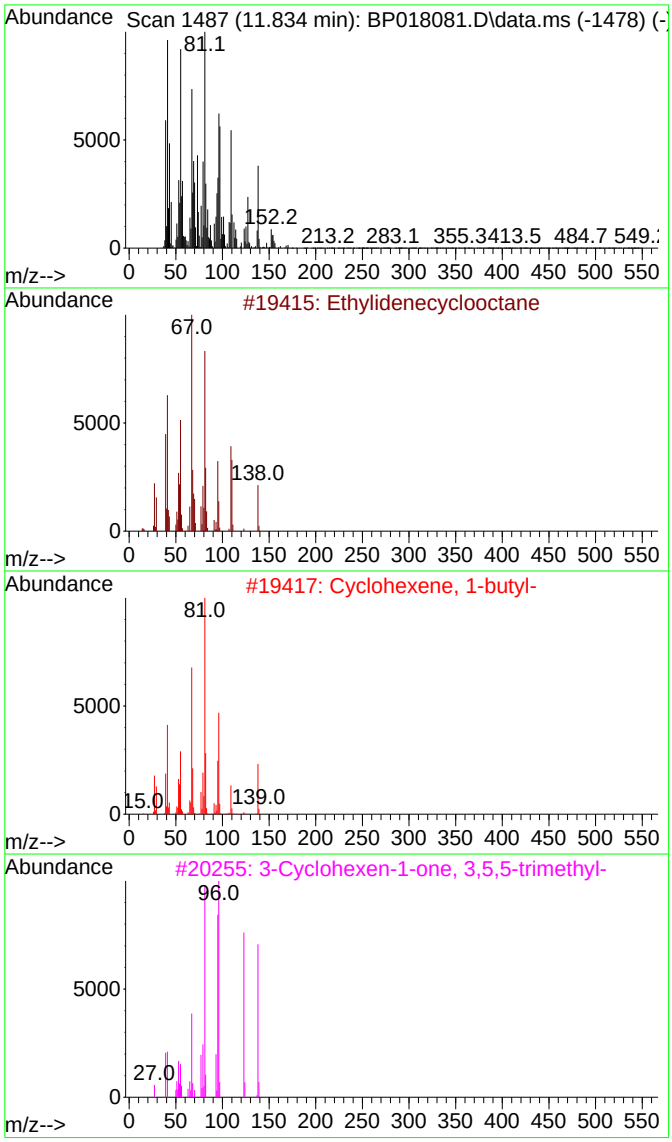
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

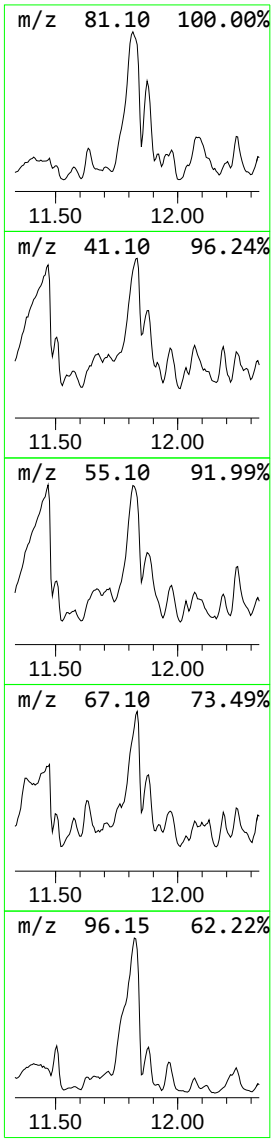
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic11.834 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.834	9.70 ng/ul	6589770	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclooctane	138	C10H18	019780-51-9	64
2	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	64
3	3-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000471-01-2	52
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	52
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018081.D
Acq On : 12 Nov 2023 00:15
Operator : MA/JU
Sample : 05044-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHEH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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
Trichloroethylene	3.181	9.3	ng/ul	705064	1	7.846	1514180	20.0
2-Butanol, 2,3-...	3.499	15.6	ng/ul	1178460	1	7.846	1514180	20.0
2-Pentanol, 2,3...	4.211	34.7	ng/ul	2623960	1	7.846	1514180	20.0
3-Pentanone, 2,...	4.305	56.6	ng/ul	4283530	1	7.846	1514180	20.0
Tetrachloroethy...	4.481	25.1	ng/ul	1898340	1	7.846	1514180	20.0
1,3-Dimethylcyc...	5.011	12.9	ng/ul	974549	1	7.846	1514180	20.0
(R)-(+)-3-Methy...	5.146	6.0	ng/ul	458161	1	7.846	1514180	20.0
3-Hydroxy-3-met...	5.358	11.2	ng/ul	844878	1	7.846	1514180	20.0
Butanoic acid, ...	5.546	39.5	ng/ul	2986580	1	7.846	1514180	20.0
Cyclohexanol, 1...	5.616	7.5	ng/ul	570794	1	7.846	1514180	20.0
(DEL) Alkane: S...	5.728	12.1	ng/ul	915455	1	7.846	1514180	20.0
(DEL) Alkane: S...	5.811	8.0	ng/ul	602251	1	7.846	1514180	20.0
4-Octene, (E)-	5.881	7.5	ng/ul	567219	1	7.846	1514180	20.0
trans-3,4-Dimet...	6.128	26.4	ng/ul	2001840	1	7.846	1514180	20.0
3,4-Dimethylcyc...	6.605	6.0	ng/ul	454407	1	7.846	1514180	20.0
Cyclohexanone, ...	6.852	14.5	ng/ul	1095840	1	7.846	1514180	20.0
(DEL) Alkane: S...	6.940	21.8	ng/ul	1653690	1	7.846	1514180	20.0
Cyclohexanol, 1...	7.040	42.4	ng/ul	3213090	1	7.846	1514180	20.0
3-Octen-2-ol	7.105	35.9	ng/ul	2719280	1	7.846	1514180	20.0
unknown-01	7.610	27.0	ng/ul	2045600	1	7.846	1514180	20.0
unknown-02	7.675	5.1	ng/ul	385765	1	7.846	1514180	20.0
unknown-03	7.740	6.6	ng/ul	499238	1	7.846	1514180	20.0
4,4-Dimethyl-2-...	7.940	80.5	ng/ul	6097310	1	7.846	1514180	20.0
p-Cymene	8.105	6.5	ng/ul	493110	1	7.846	1514180	20.0
(DEL) Alkane: S...	8.146	25.1	ng/ul	1896600	1	7.846	1514180	20.0
unknown-04	8.205	16.6	ng/ul	1254030	1	7.846	1514180	20.0
(DEL) Alkane: C...	8.275	21.6	ng/ul	1636110	1	7.846	1514180	20.0
unknown-05	8.710	42.5	ng/ul	3213890	1	7.846	1514180	20.0
(DEL) Alkane: C...	8.763	7.5	ng/ul	570221	1	7.846	1514180	20.0
unknown-06	8.887	43.5	ng/ul	3294090	1	7.846	1514180	20.0
unknown-07	8.916	16.7	ng/ul	1266790	1	7.846	1514180	20.0
unknown-08	8.957	9.0	ng/ul	684561	1	7.846	1514180	20.0
1-Methyl-2-phen...	8.999	12.9	ng/ul	979045	1	7.846	1514180	20.0
unknown-09	9.116	7.7	ng/ul	581279	1	7.846	1514180	20.0
Methyl (R)-(-)-...	9.187	12.1	ng/ul	917486	1	7.846	1514180	20.0
(DEL) Alkane: S...	10.234	4.7	ng/ul	3193390	2	10.669	13587600	20.0
(DEL) Alkane: C...	11.051	11.8	ng/ul	7982340	2	10.669	13587600	20.0
(DEL) Alkane: C...	11.834	9.7	ng/ul	6589770	2	10.669	13587600	20.0