LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

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-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044274.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	3	8	24	rVB	9736922	11634734	100.00%	13.414%
2	3.246	24	27	32	rVV	97201	113623	0.98%	0.131%
3	3.316	34	39	57	rVB	1895808	2645553	22.74%	3.050%
4	3.763	109	115	126	rBV2	450638	1065436	9.16%	1.228%
5	3.875	131	134	138	rVV	145887	183670	1.58%	0.212%
6	3.916	138	141	144	rVV2	67938	91489	0.79%	0.105%
7	3.998	152	155	161	rVB2	78894	115688	0.99%	0.133%
8	4.075	161	168	178	rBV	968092	1449012	12.45%	1.671%
9	4.157	178	182	188	rVB3	64642	89797	0.77%	0.104%
10	4.245	192	197	204	rBV	277532	425893	3.66%	0.491%
11	4.310	204	208	214	rVB	271614	341725	2.94%	0.394%
12	4.457	229	233	248	rVB	538970	775409	6.66%	0.894%
13	4.604	249	258	261	rBV2	431566	694366	5.97%	0.801%
14	4.645	261	265	272	rVV	1414881	2035326	17.49%	2.347%
15	4.722	272	278	286	rVV2	205085	332178	2.86%	0.383%
16	4.810	286	293	297	rVV2	95324	162152	1.39%	0.187%
17	4.863	297	302	311	rVV3	166468	354825	3.05%	0.409%
18	5.104	339	343	351	rVB3	51946	85580	0.74%	0.099%
19	5.798	453	461	468	rBV	135394	235991	2.03%	0.272%
20	6.216	527	532	540	rVV3	228031	470933	4.05%	0.543%
21	6.304	544	547	557	rVB2	55058	116526	1.00%	0.134%
22	6.698	605	614	616	rBV	169740	275513	2.37%	0.318%
23	6.739	616	621	626	rVV4	171915	415082	3.57%	0.479%
24	6.787	626	629	632	rVV3	43457	79790	0.69%	0.092%
25	6.828	632	636	642	rVV	66347	119189	1.02%	0.137%
26	6.951	653	657	662	rVB	53908	81237	0.70%	0.094%
27	7.069	671	677	682	rVV	264479	435004	3.74%	0.502%
28	7.134	682	688	693	rVV	221569	355544	3.06%	0.410%
29	7.245	701	707	719	rBV	1064832	1707935	14.68%	1.969%
30	7.428	731	738	747	rVV	926581	1513688	13.01%	1.745%
31	7.598	758	767	775	rVV	334840	579823	4.98%	0.669%
32	7.904	812	819	825	rVB	696174	1104088	9.49%	1.273%
33	8.069	841	847	854	rBV	210492	365419	3.14%	0.421%
34	8.145	854	860	867	rVB2	310718	512542	4.41%	0.591%
35	8.257	873	879	889	rVB2	101564	169222	1.45%	0.195%
36	8.616	935	940	950	rVV	156267	276600	2.38%	0.319%

LSC Area Percent Report

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Instrument :
BNA_M
ClientSampleId :
C0AB3

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-BM022324.MA.M
Title : SVOA CALIBRATION

37	8.716	950	957	969	rVB8	44401	156405	1.34%	0.180%
38	8.833	969	977	980	rBV3	57788	118229	1.02%	0.136%
39	8.875	980	984	989	rVV3	82044	194436	1.67%	0.224%
40	8.928	989	993	998	rVV2	89650	177901	1.53%	0.205%
41	8.980	998	1002	1010	rVV	105909	202320	1.74%	0.233%
42	9.075	1010	1018	1027	rVV	1070117	1868181	16.06%	2.154%
43	9.251	1044	1048	1055	rVV2	84917	151735	1.30%	0.175%
44	9.333	1056	1062	1072	rVV4	79804	242011	2.08%	0.279%
45	9.416	1072	1076	1079	rVV2	56314	95433	0.82%	0.110%
46	9.457	1079	1083	1090	rVV2	113658	230444	1.98%	0.266%
47	9.522	1090	1094	1102	rVB5	47756	99652	0.86%	0.115%
48	9.645	1108	1115	1121	rBV5	49095	100403	0.86%	0.116%
49	9.792	1133	1140	1156	rVB	858155	1557026	13.38%	1.795%
50	10.063	1180	1186	1192	rBV2	83674	173221	1.49%	0.200%
51	10.322	1223	1230	1241	rBV	1023946	1913321	16.44%	2.206%
52	10.469	1251	1255	1262	rVV2	42789	81130	0.70%	0.094%
53	10.569	1264	1272	1283	rVB	213559	391036	3.36%	0.451%
54	10.704	1283	1295	1305	rBV	938327	1640661	14.10%	1.892%
55	10.857	1315	1321	1325	rVV	201396	381196	3.28%	0.440%
56	10.904	1325	1329	1346	rVB2	204598	455122	3.91%	0.525%
57	11.086	1354	1360	1363	rBV3	141696	263567	2.27%	0.304%
58	11.116	1363	1365	1367	rVV	128979	162596	1.40%	0.187%
59	11.145	1367	1370	1376	rVV	158949	263515	2.26%	0.304%
60	11.351	1401	1405	1408	rVV	159418	279543	2.40%	0.322%
61	11.386	1408	1411	1417	rVV	285586	446971	3.84%	0.515%
62	11.457	1417	1423	1430	rVV2	294047	534458	4.59%	0.616%
63	11.539	1431	1437	1446	rVB2	171192	353494	3.04%	0.408%
64	11.639	1446	1454	1466	rVB	64255	154059	1.32%	0.178%
65	11.910	1490	1500	1504	rBV2	69521	163581	1.41%	0.189%
66	12.063	1522	1526	1531	rVB	49153	81597	0.70%	0.094%
67	12.163	1536	1543	1554	rBV2	71939	172395	1.48%	0.199%
68	12.357	1569	1576	1582	rVB5	53363	114902	0.99%	0.132%
69	12.445	1585	1591	1597	rVV	152455	236680	2.03%	0.273%
70	12.598	1611	1617	1627	rVB2	200030	345693	2.97%	0.399%
71	12.768	1641	1646	1652	rVB	98858	155820	1.34%	0.180%
72	12.927	1668	1673	1676	rBV2	98790	158524	1.36%	0.183%
73	12.963	1676	1679	1684	rVB	124952	177689	1.53%	0.205%
74	13.968	1842	1850	1866	rVV	2392012	3393724	29.17%	3.913%
75	14.239	1886	1896	1908	rBV	2638789	3996693	34.35%	4.608%
76	14.545	1942	1948	1961	rBV	1255954	1955086	16.80%	2.254%

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Instrument :
BNA_M
ClientSampleId :
C0AB3

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
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Title : SVOA CALIBRATION

77	14.757	1979	1984	1989	rVV	118342	233994	2.01%	0.270%
78	14.804	1989	1992	2001	rVB2	89656	154266	1.33%	0.178%
79	14.915	2006	2011	2017	rVV	103034	194147	1.67%	0.224%
80	14.968	2017	2020	2026	rVV2	57837	95226	0.82%	0.110%
81	15.333	2076	2082	2092	rBV2	162346	301379	2.59%	0.347%
82	15.545	2111	2118	2125	rBV	3505136	4980569	42.81%	5.742%
83	15.662	2133	2138	2148	rVB	1091555	1493866	12.84%	1.722%
84	17.180	2391	2396	2404	rBV3	60769	100460	0.86%	0.116%
85	17.298	2410	2416	2423	rBV	1495983	2211747	19.01%	2.550%
86	17.403	2427	2434	2444	rVV2	2808658	4175865	35.89%	4.815%
87	18.209	2565	2571	2582	rBV2	183169	325318	2.80%	0.375%
88	18.539	2619	2627	2632	rBV3	31152	75001	0.64%	0.086%
89	18.692	2648	2653	2658	rVV2	118796	162795	1.40%	0.188%
90	19.262	2746	2750	2755	rVB	53649	75166	0.65%	0.087%
91	19.333	2758	2762	2766	rBV	71341	110446	0.95%	0.127%
92	19.497	2783	2790	2795	rBV2	97200	155907	1.34%	0.180%
93	19.703	2818	2825	2834	rVB	4458235	6210774	53.38%	7.161%
94	20.986	3039	3043	3048	rBV	411565	450155	3.87%	0.519%
95	21.239	3082	3086	3091	rBV	107190	155134	1.33%	0.179%
96	21.438	3116	3120	3125	rBV	197095	226731	1.95%	0.261%
97	21.503	3126	3131	3141	rVV	1780115	2349441	20.19%	2.709%
98	21.638	3150	3154	3157	rBV2	92170	125039	1.07%	0.144%
99	23.750	3505	3513	3525	rBV2	2432972	4822674	41.45%	5.560%
100	23.903	3533	3539	3554	rVB	1215916	2495872	21.45%	2.878%

Sum of corrected areas: 86733004

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
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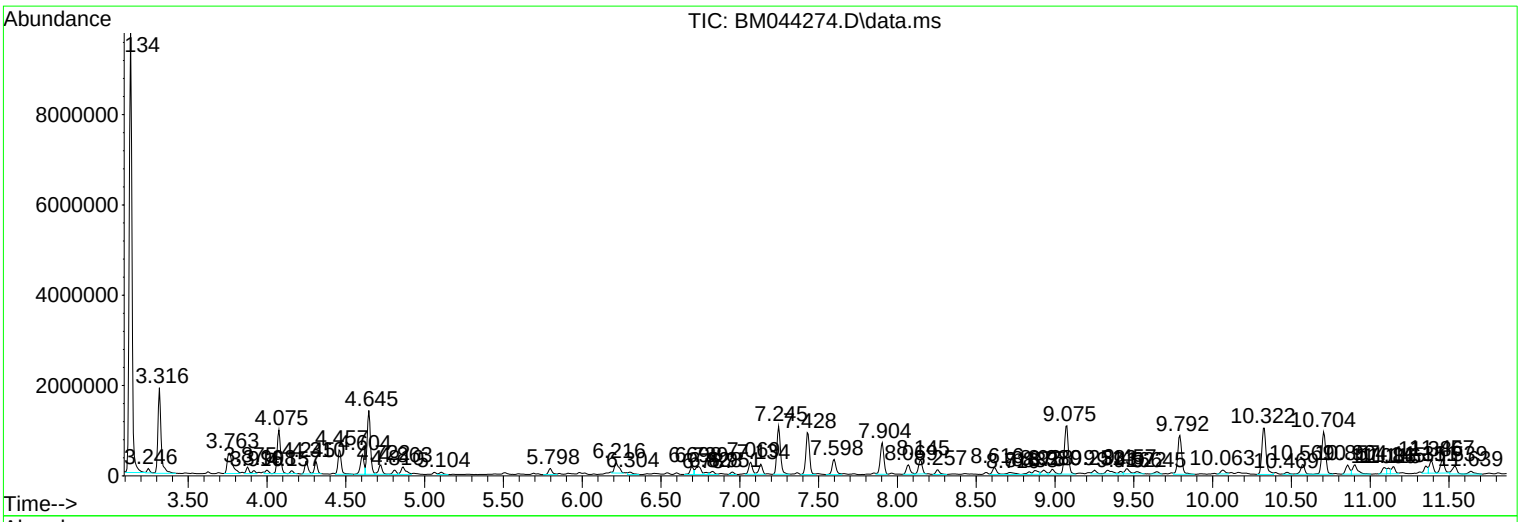
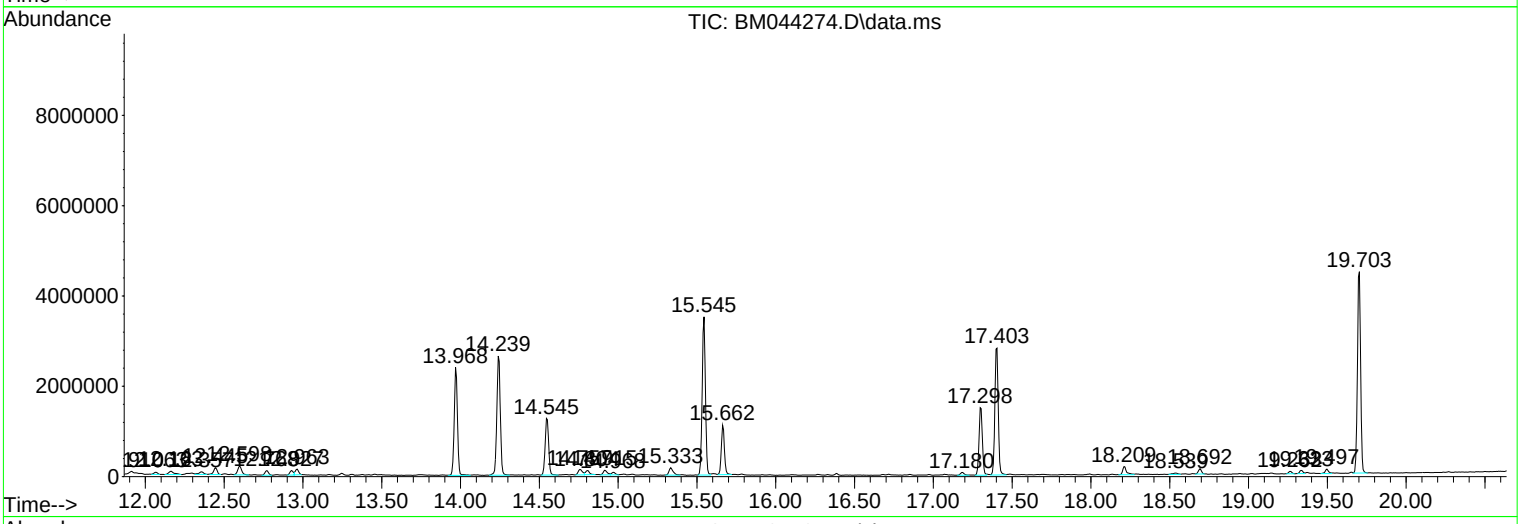
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

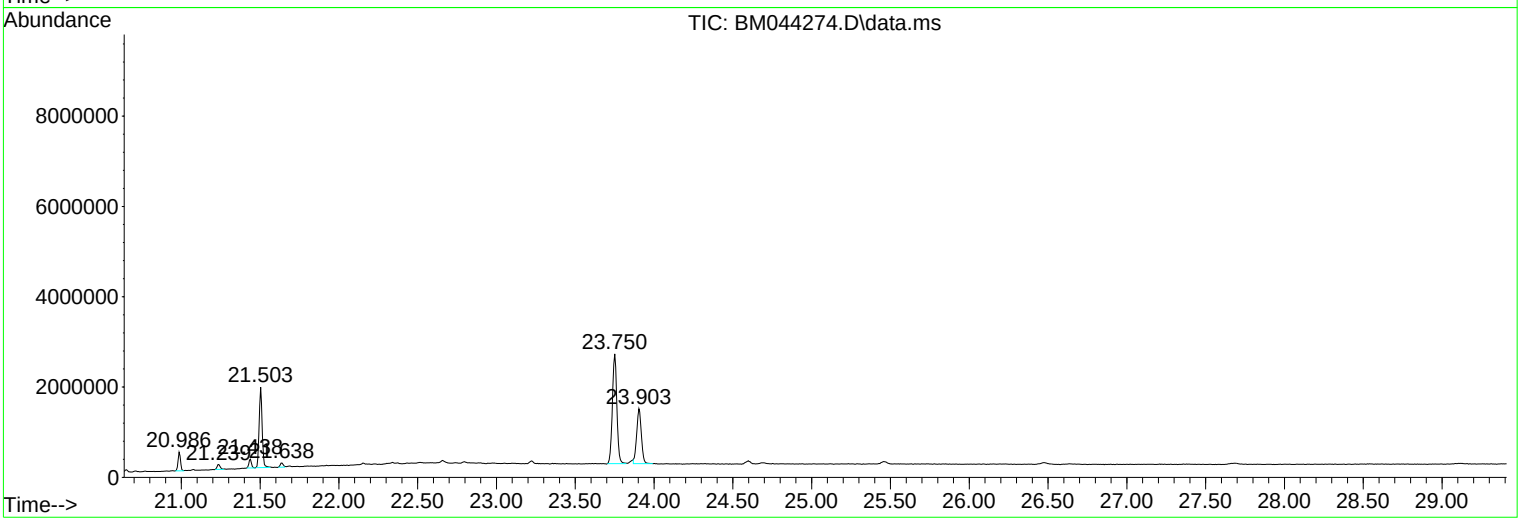
Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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







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Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
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Sample : P1498-12
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

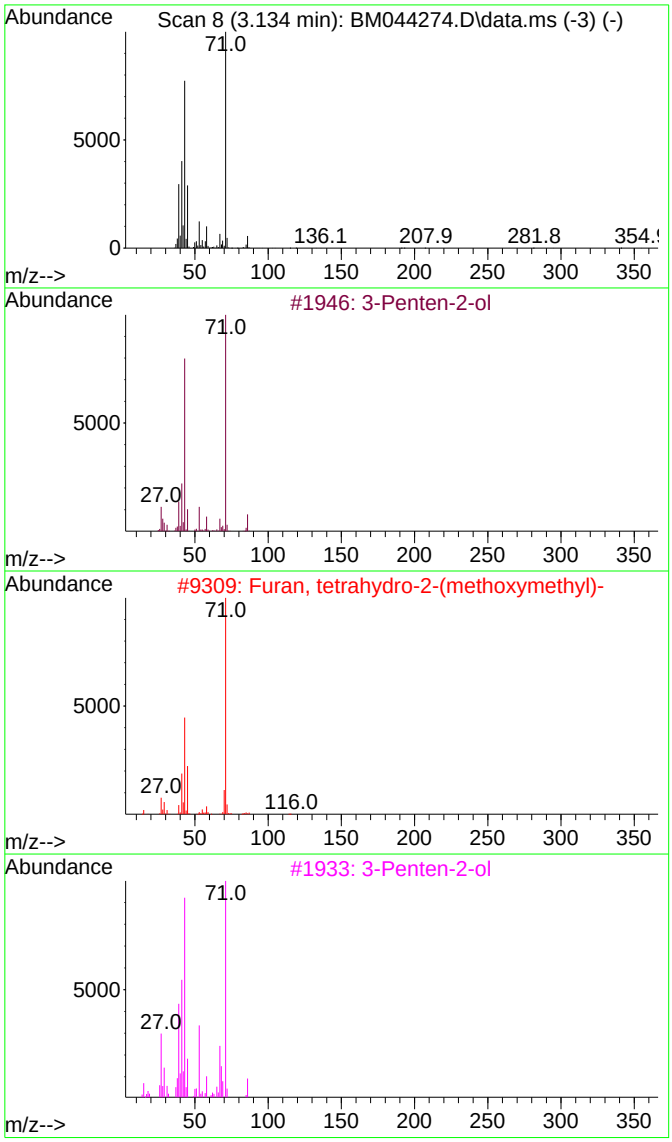
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

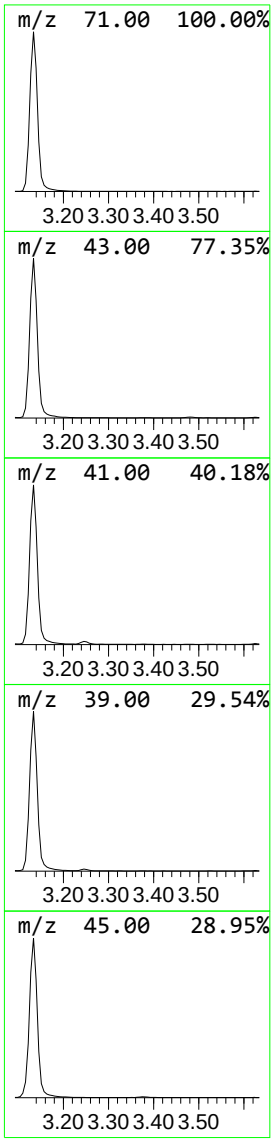
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	210.76 ng/ul	11634700	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	83
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
3	3-Penten-2-ol	86	C5H10O	001569-50-2	72
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AB3

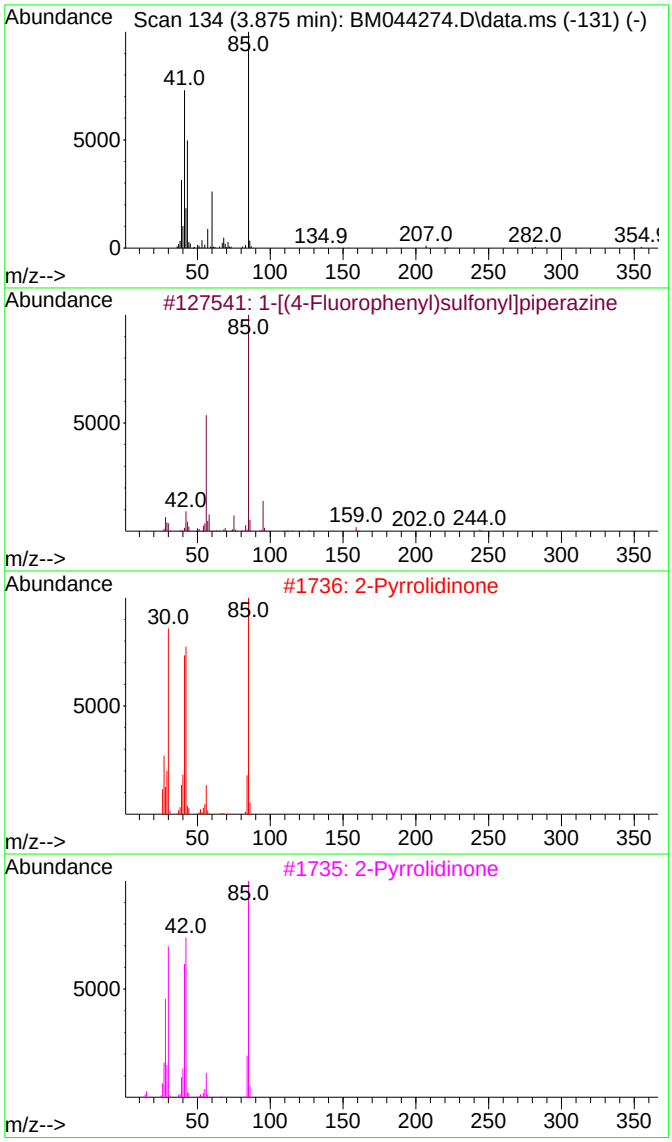
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

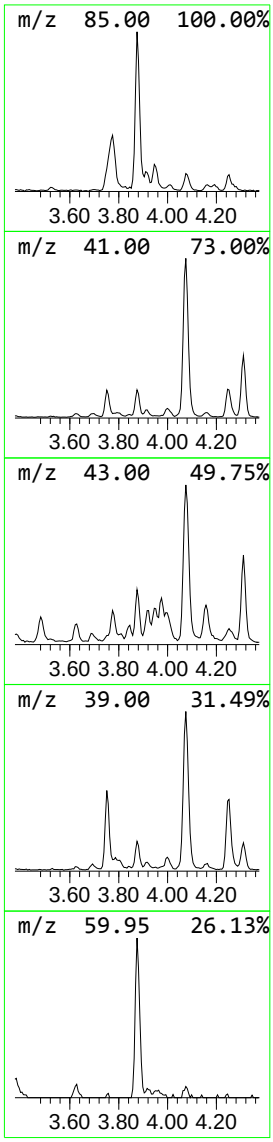
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.875	3.33 ng/ul	183670	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[(4-Fluorophenyl)sulfonyl]pipe...	244	C10H13FN2O2S	1000486-20-7	36
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	2-Butanol, 3-(1,3-dimethylbutoxy)-	174	C10H22O2	074810-45-0	9
5	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	9





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

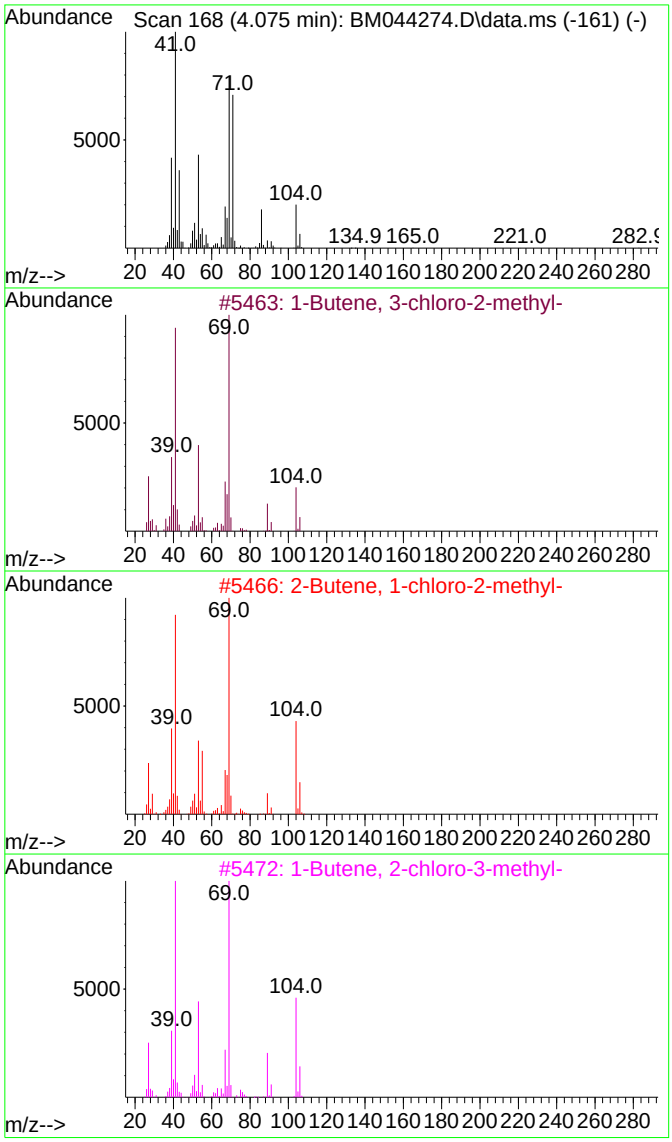
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

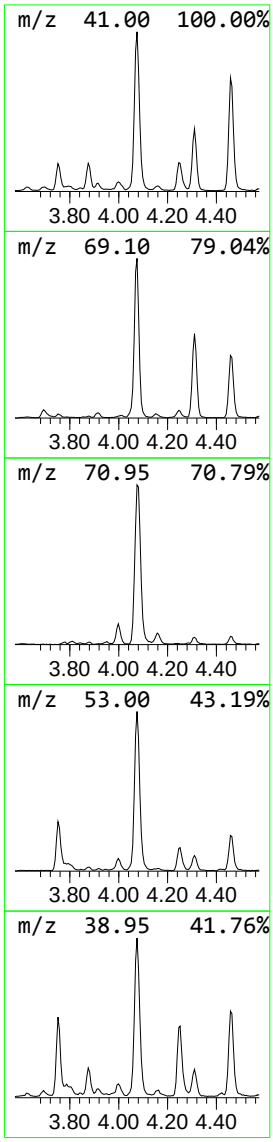
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Butene, 3-chloro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.075	26.25 ng/ul	1449010	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	76
2	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	72
3	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	68
4	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	53
5	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	52





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Instrument :
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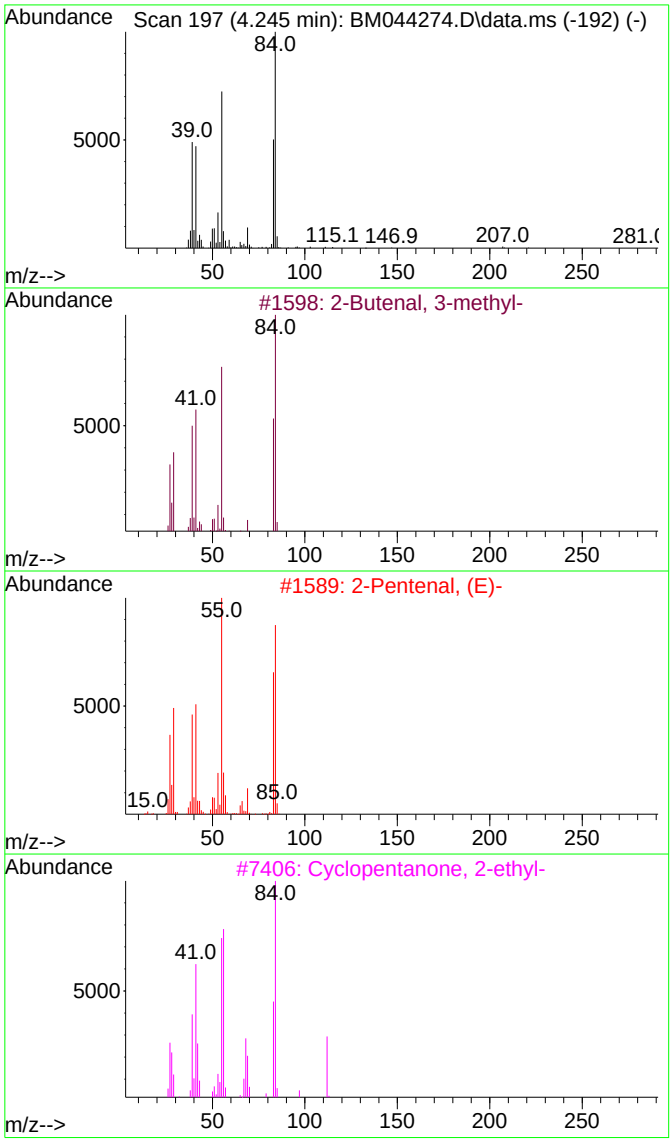
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

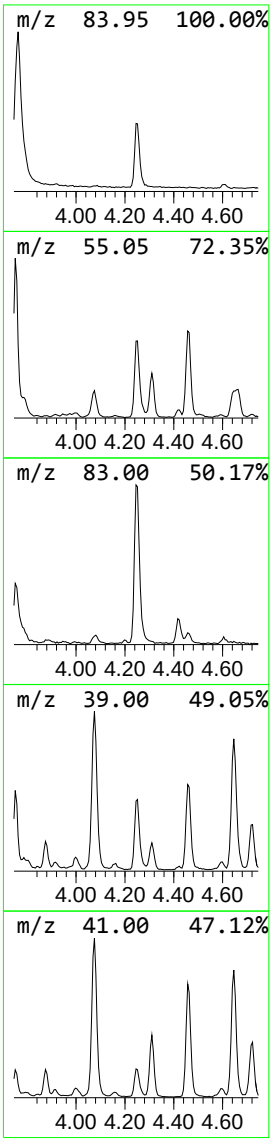
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Butenal, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.245	7.71 ng/ul	425893	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	94
2	2-Pentenal, (E)-	84	C5H8O	001576-87-0	64
3	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	56
4	2-Pentenal, (E)-	84	C5H8O	001576-87-0	50
5	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	50





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Data File : BM044274.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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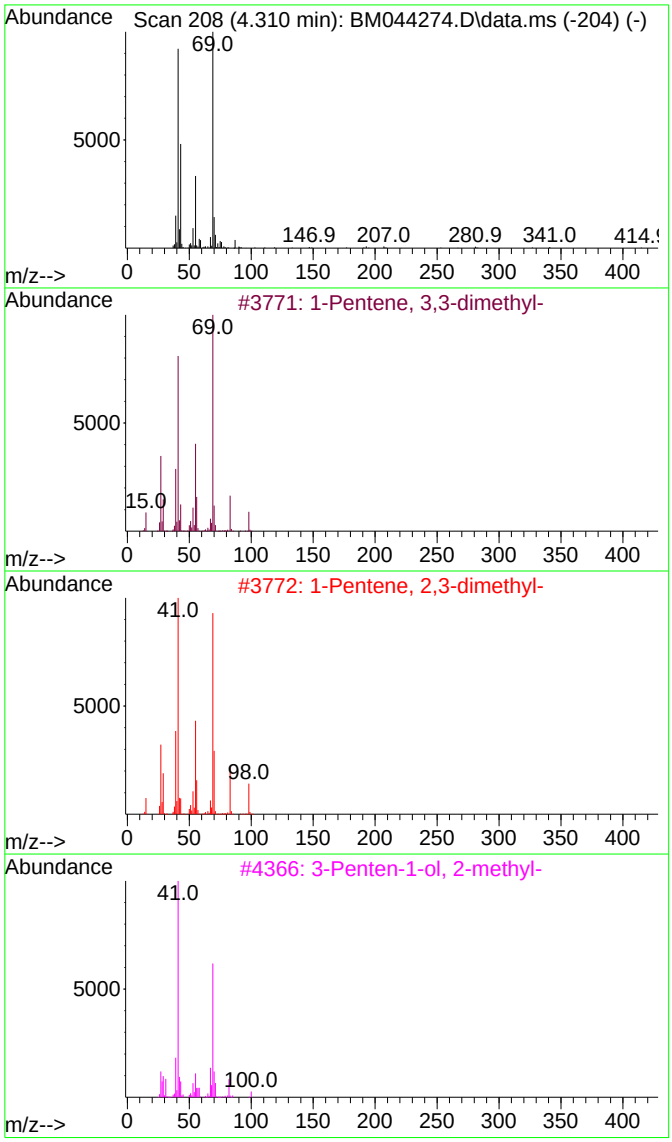
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

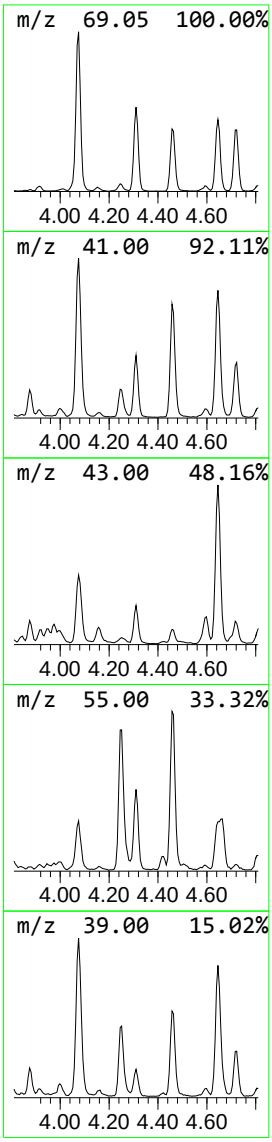
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.310	6.19 ng/ul	341725	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	72
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
3	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	10
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	10
5	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	9





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Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

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Quant Title : SVOA CALIBRATION

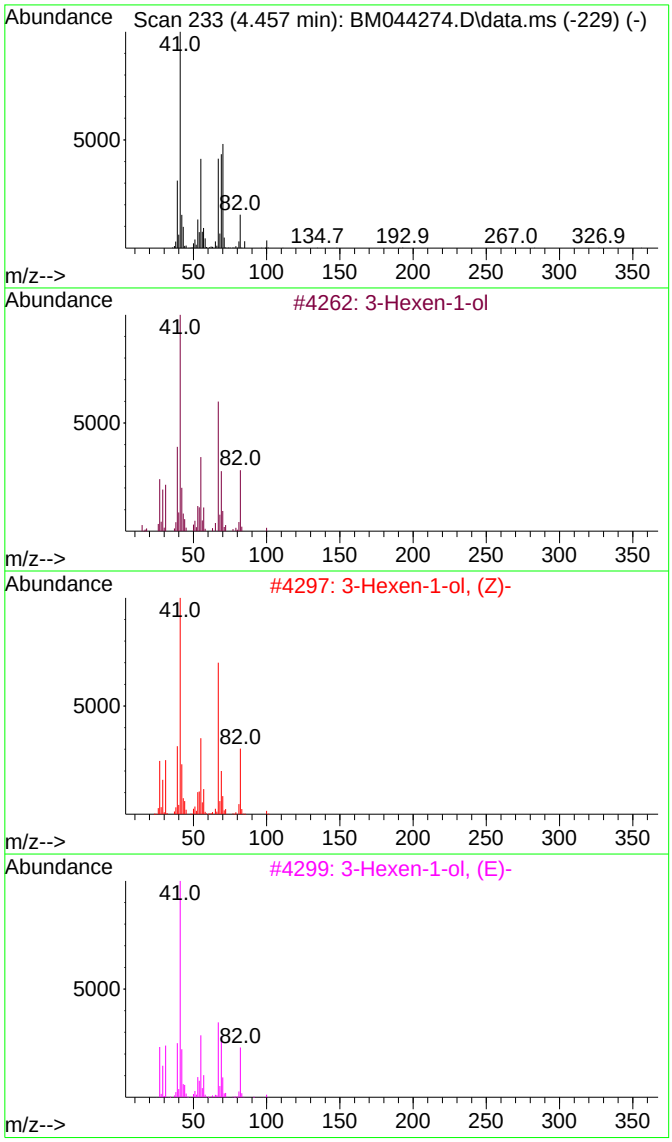
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

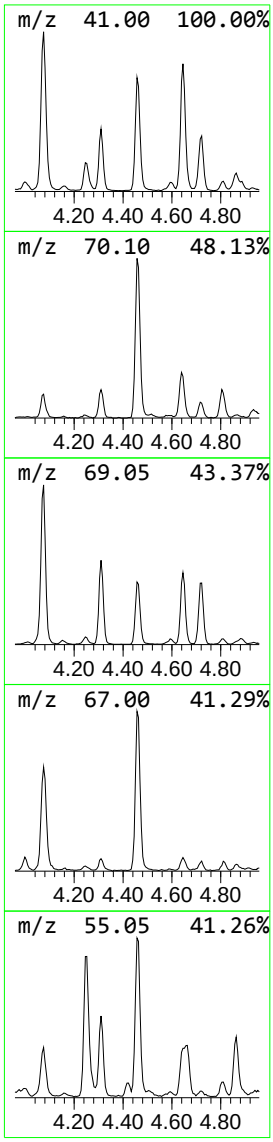
****

Peak Number 8 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.457	14.05 ng/ul	775409	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol	100	C6H12O	000544-12-7	47
2	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	47
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	38
4	3-Hexen-1-ol	100	C6H12O	000544-12-7	38
5	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	38





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Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

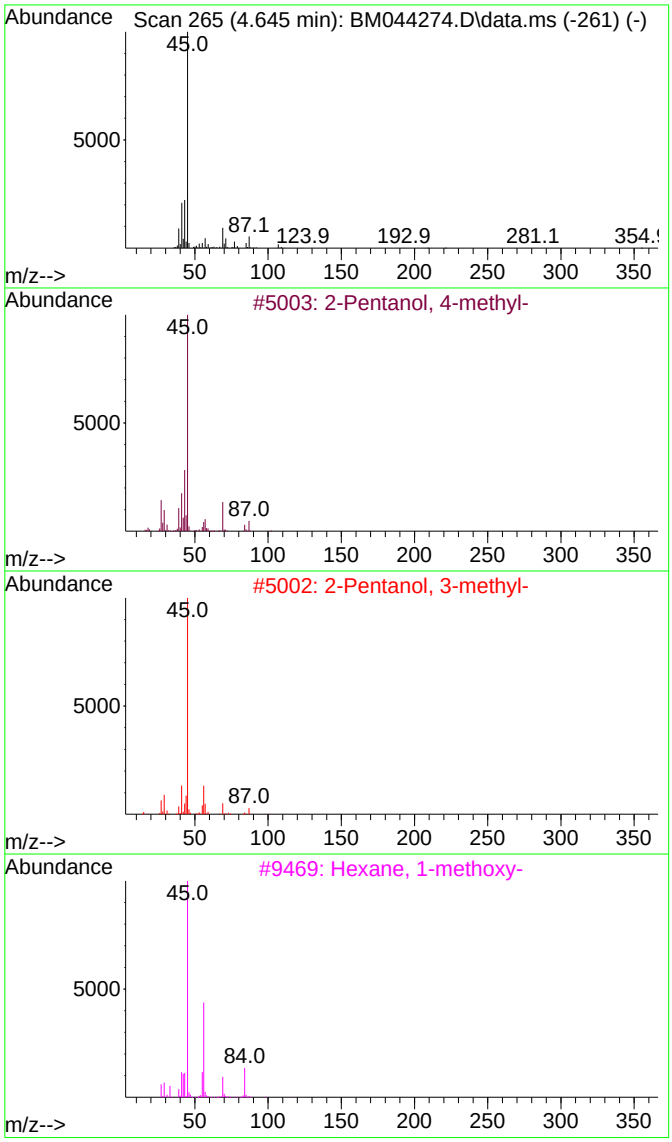
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

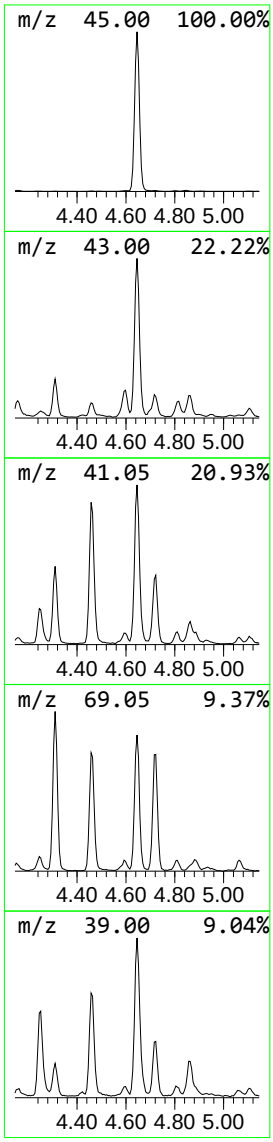
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.645	36.87 ng/ul	2035330	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
2	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	43
3	Hexane, 1-methoxy-	116	C7H16O	004747-07-3	40
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40
5	2-Hexanol	102	C6H14O	000626-93-7	40





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Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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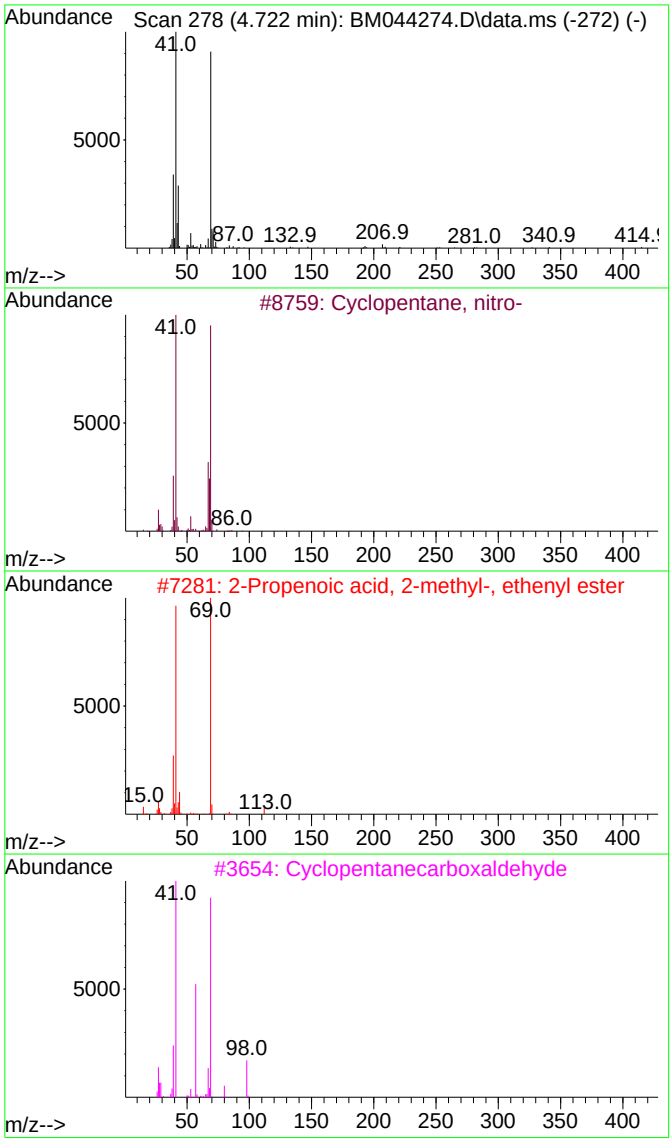
Quant Title : SVOA CALIBRATION

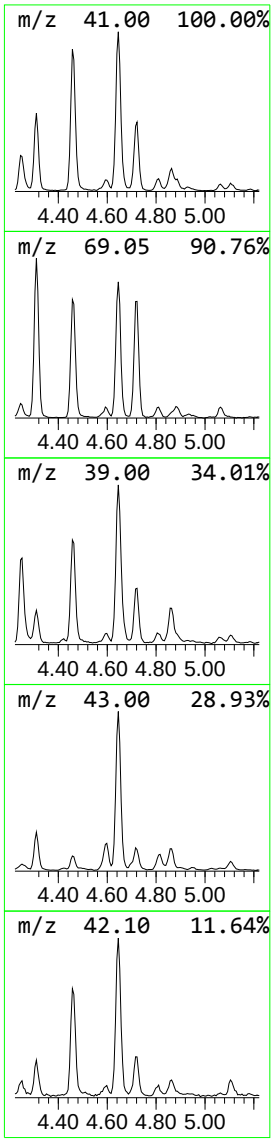
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopentane, nitro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.722	6.02 ng/ul	332178	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, nitro-	115	C5H9NO2	002562-38-1	56
2	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	50
3	Cyclopentanecarboxaldehyde	98	C6H10O	000872-53-7	45
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	40
5	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	40





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Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

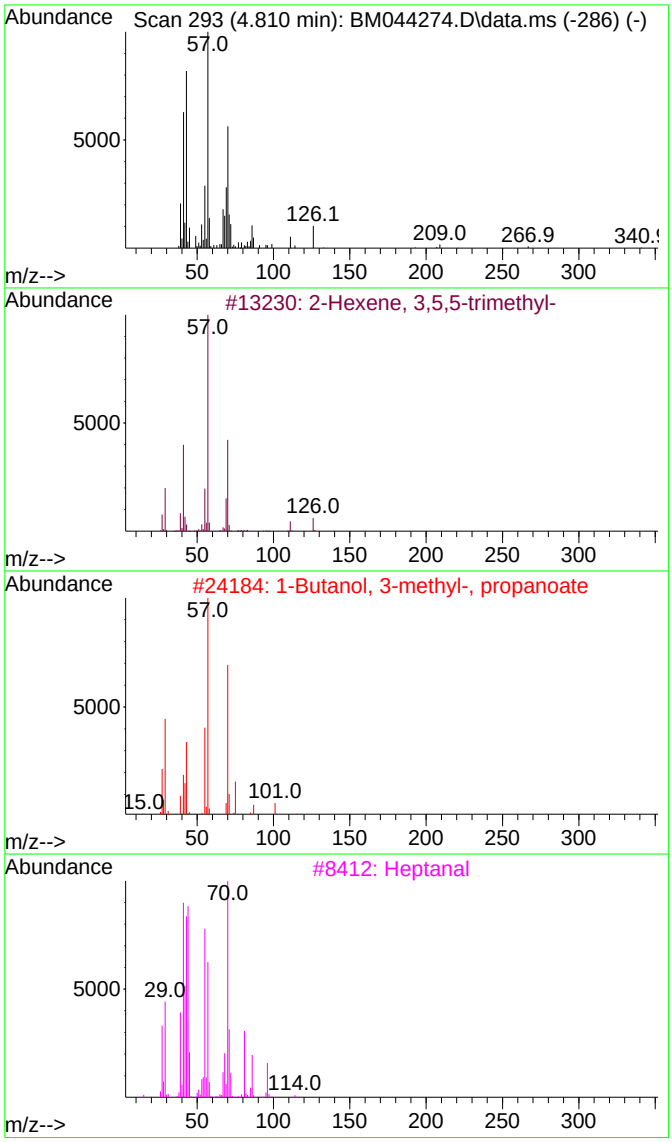
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

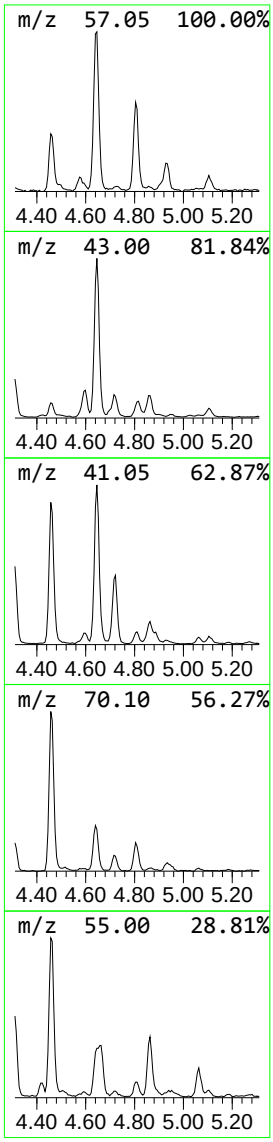
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.810	2.94 ng/ul	162152	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,5,5-trimethyl-	126	C9H18	026456-76-8	50
2	1-Butanol, 3-methyl-, propanoate	144	C8H16O2	000105-68-0	47
3	Heptanal	114	C7H14O	000111-71-7	47
4	[3-(Hydroxymethyl)oxetan-3-yl]me...	118	C5H10O3	002754-18-9	42
5	2-Hexene, 2,5,5-trimethyl-	126	C9H18	040467-04-7	38





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

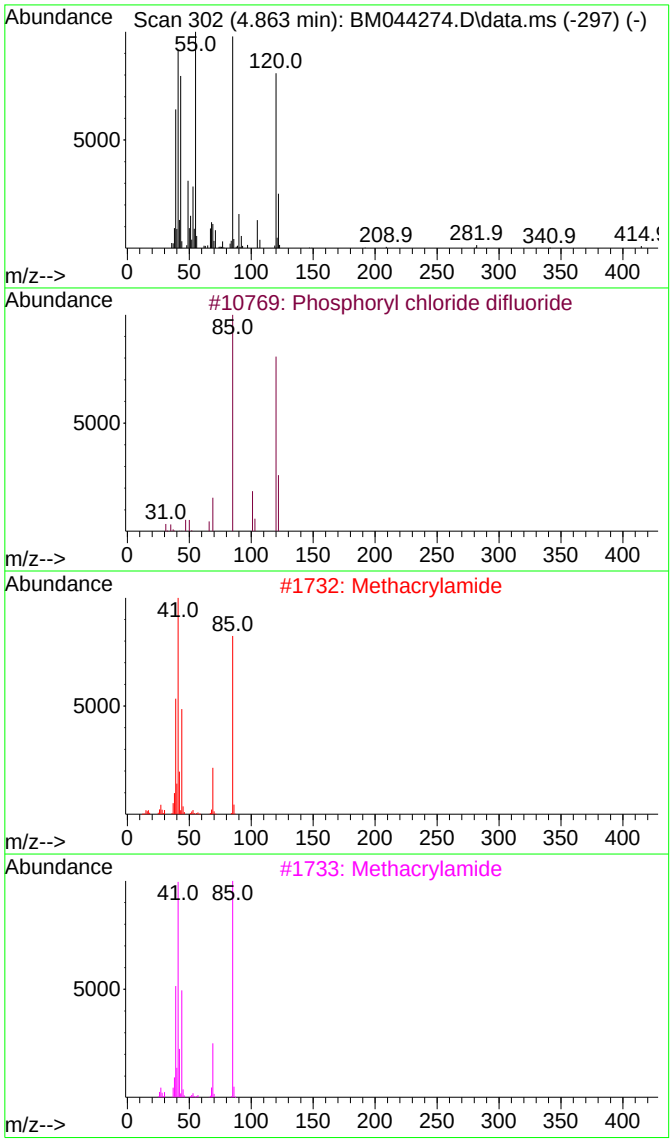
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

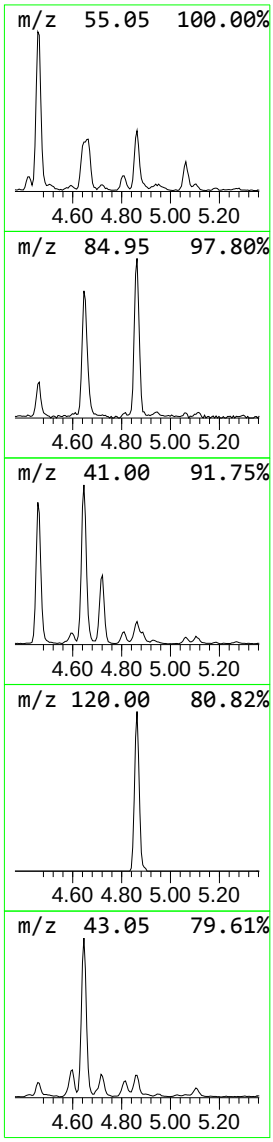
****

Peak Number 13 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	6.43 ng/ul	354825	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoryl chloride difluoride	120	ClF2OP	013769-75-0	43
2	Methacrylamide	85	C4H7NO	000079-39-0	14
3	Methacrylamide	85	C4H7NO	000079-39-0	14
4	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	10
5	1-Propene, 3-chloro-2-methyl-	90	C4H7Cl	000563-47-3	10





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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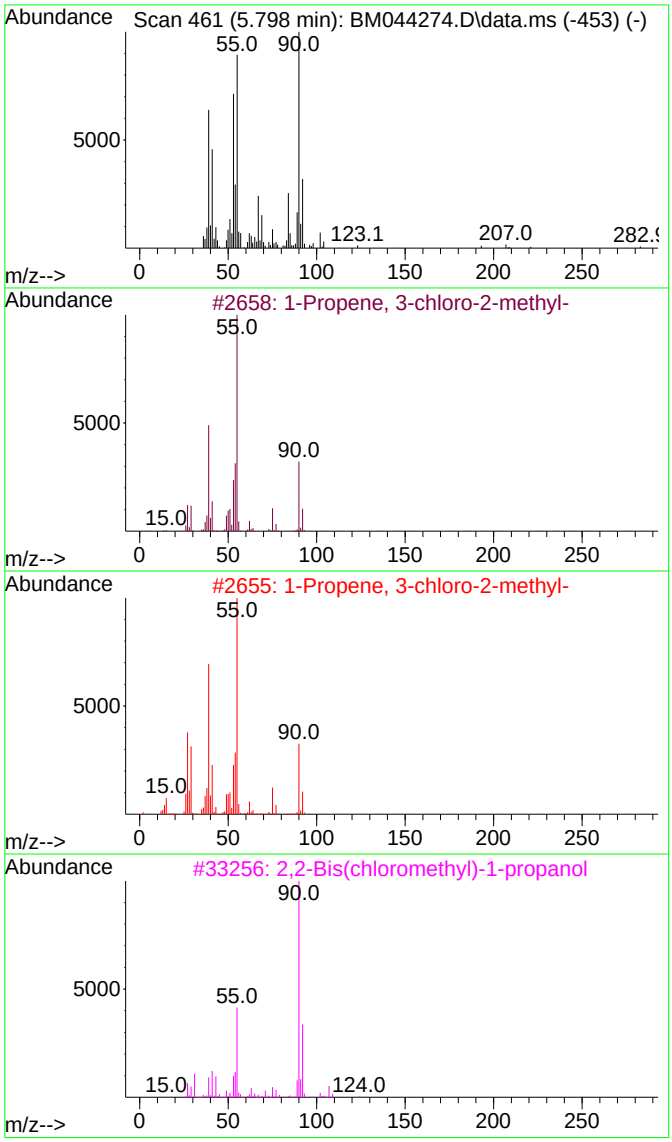
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

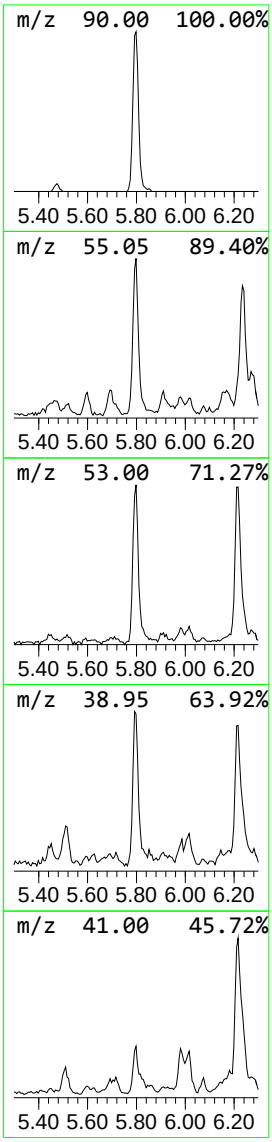
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Propene, 3-chloro-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.798	4.27 ng/ul	235991	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-chloro-2-methyl-	90	C4H7Cl	000563-47-3	58
2	1-Propene, 3-chloro-2-methyl-	90	C4H7Cl	000563-47-3	40
3	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	40
4	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	40
5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	38





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Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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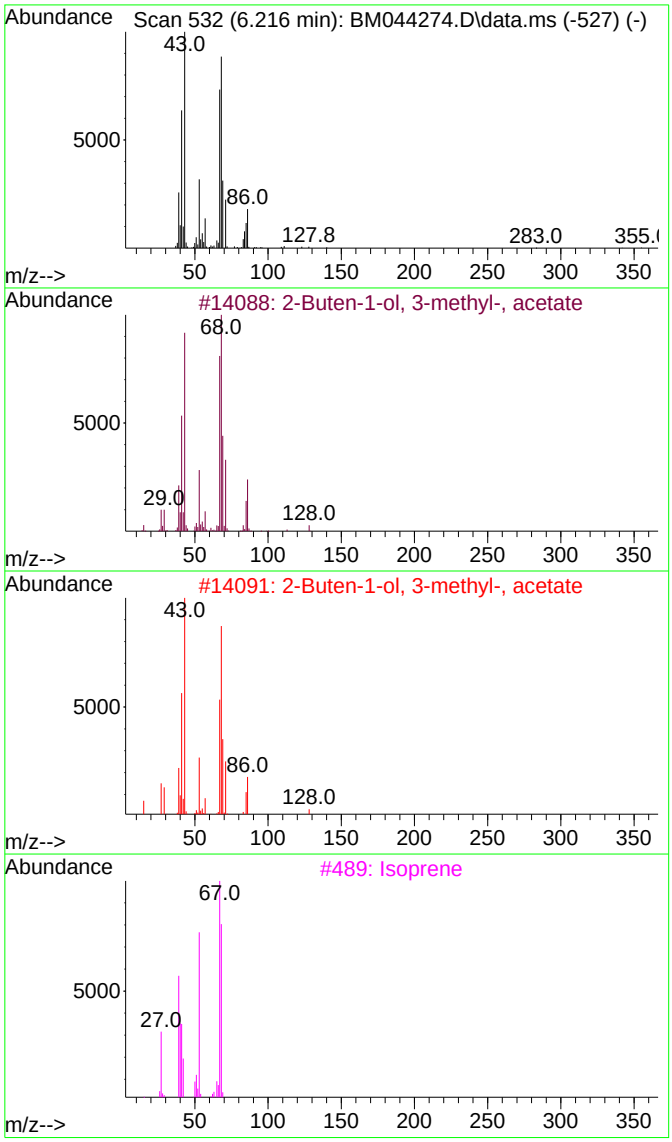
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

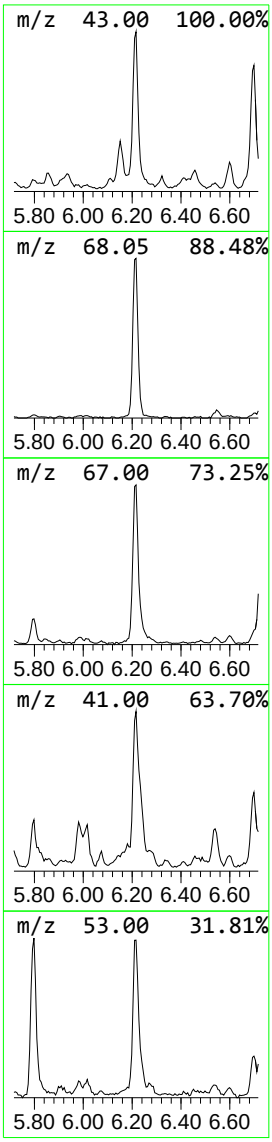
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	8.53 ng/ul	470933	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	90
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	72
3	Isoprene	68	C5H8	000078-79-5	53
4	Isoprene	68	C5H8	000078-79-5	53
5	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	50





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Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

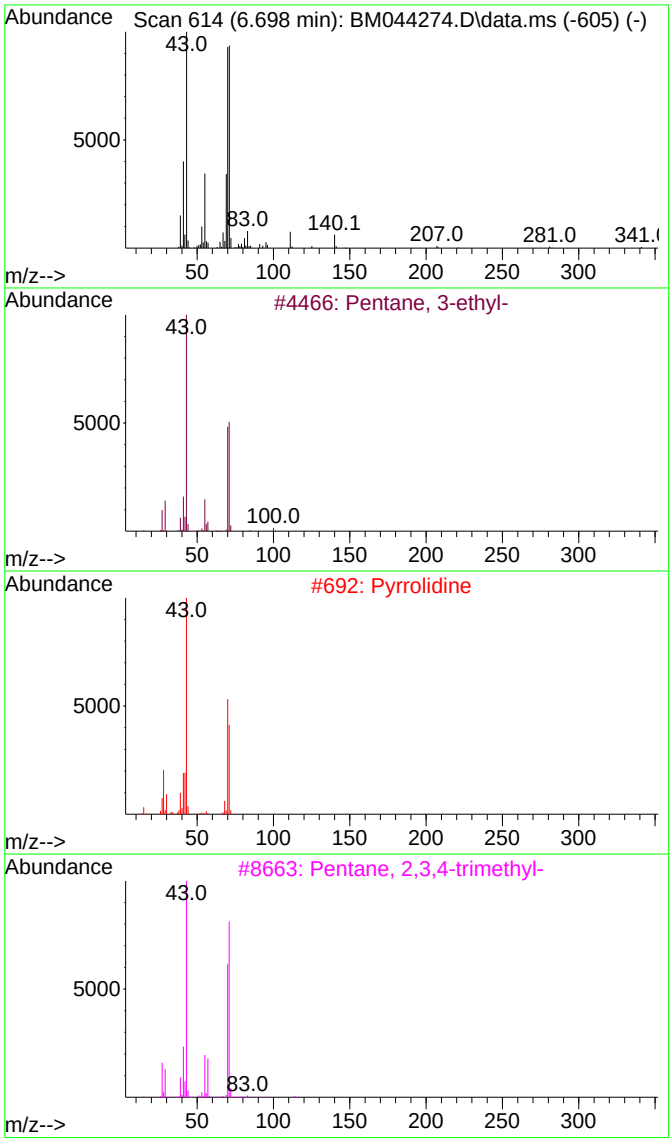
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

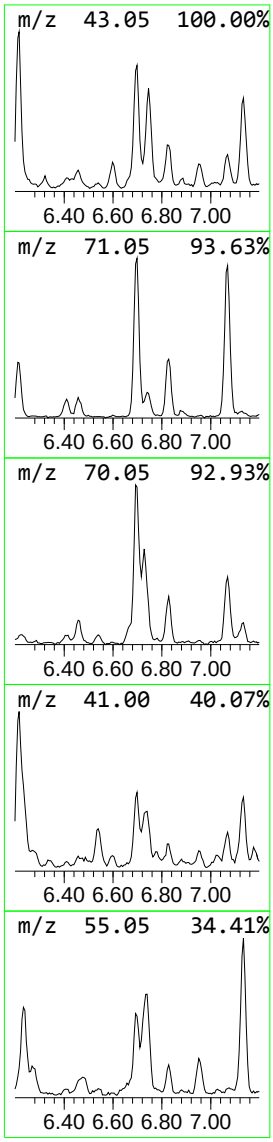
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	4.99 ng/ul	275513	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
2	Pyrrolidine	71	C4H9N	000123-75-1	56
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	56
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	56
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	56





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Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

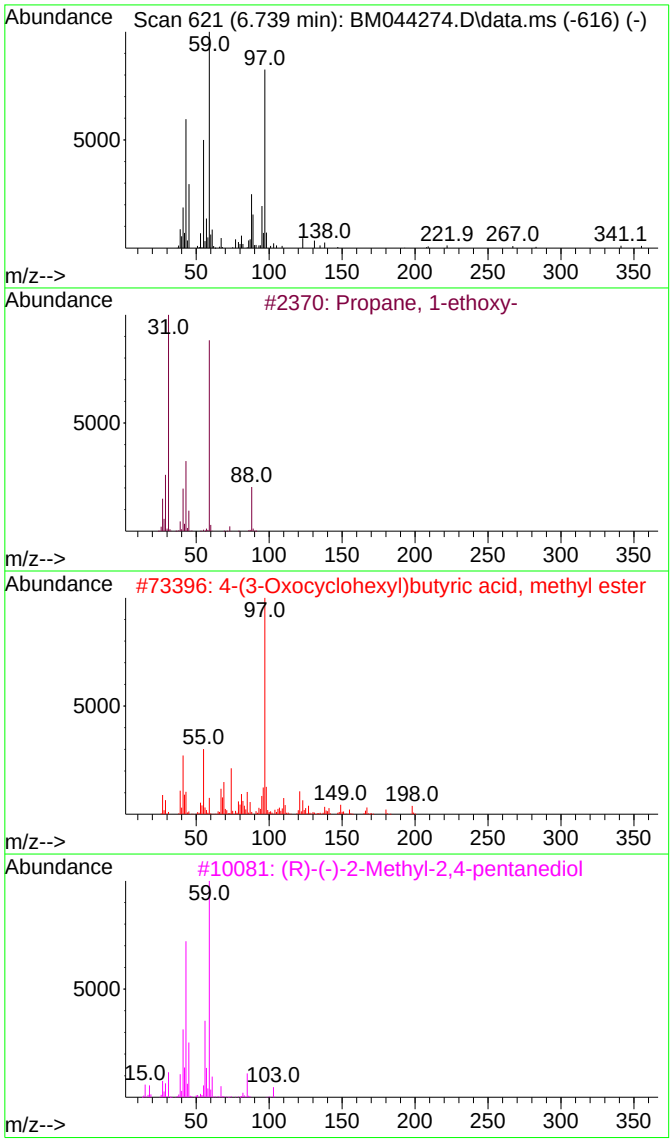
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

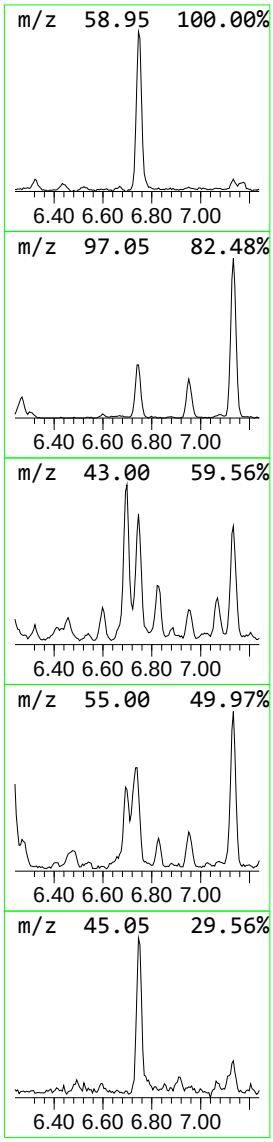
****

Peak Number 18 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.739	7.52 ng/ul	415082	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	35
2	4-(3-Oxocyclohexyl)butyric acid,...	198	C11H18O3	147895-12-3	22
3	(R)-(-)-2-Methyl-2,4-pentanediol	118	C6H14O2	099210-90-9	22
4	Hexylene glycol	118	C6H14O2	000107-41-5	22
5	2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	22





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

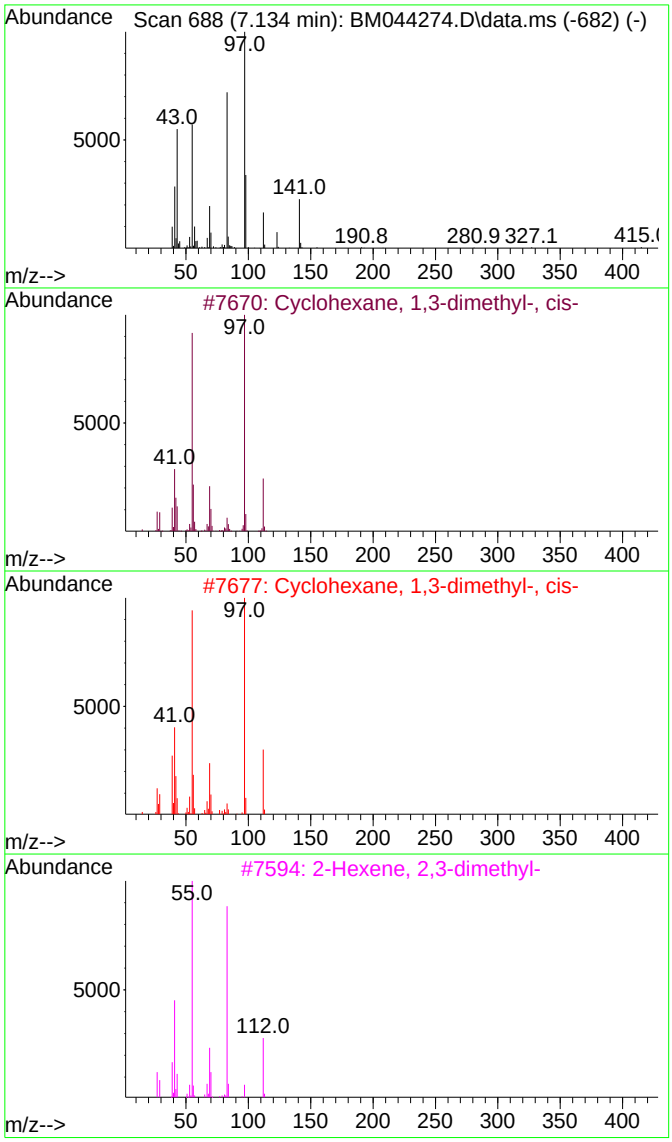
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

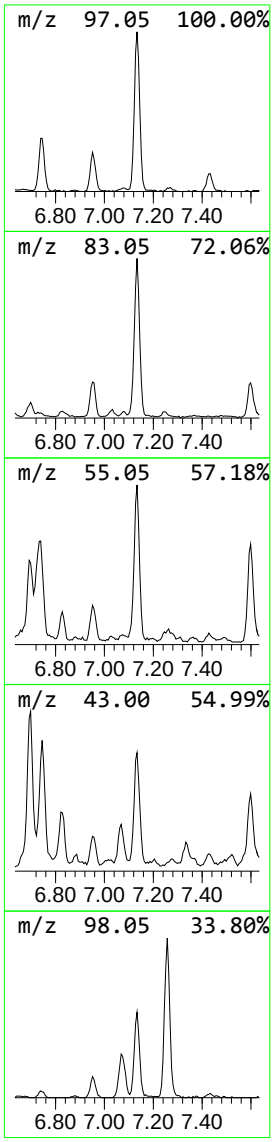
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic7.134 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	6.44 ng/ul	355544	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
3	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	35
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	25
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	22





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ClientSampleId :
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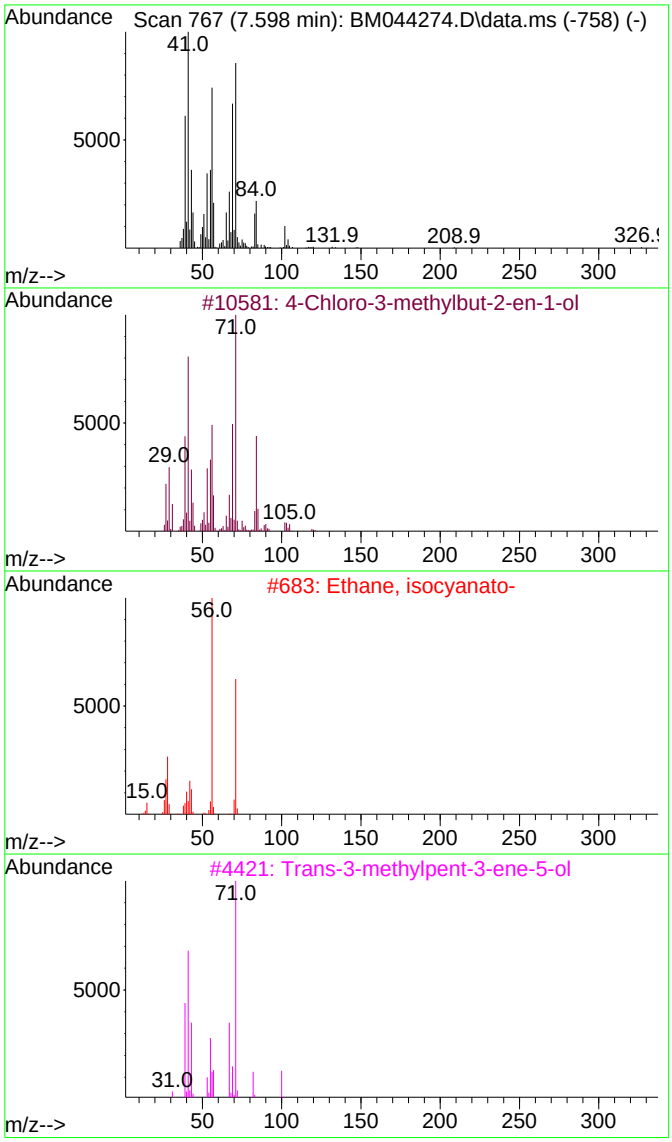
Quant Title : SVOA CALIBRATION

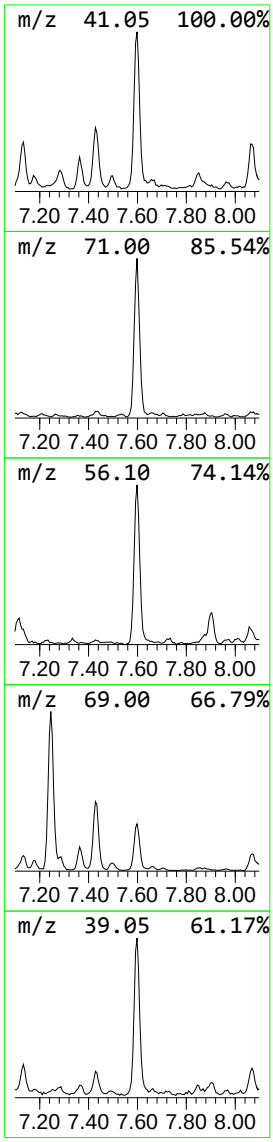
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 4-Chloro-3-methylbut-2-en-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	10.50 ng/ul	579823	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	78
2	Ethane, isocyanato-	71	C3H5NO	000109-90-0	46
3	Trans-3-methylpent-3-ene-5-ol	100	C6H12O	030801-95-7	43
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	43
5	1-Butene	56	C4H8	000106-98-9	35





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Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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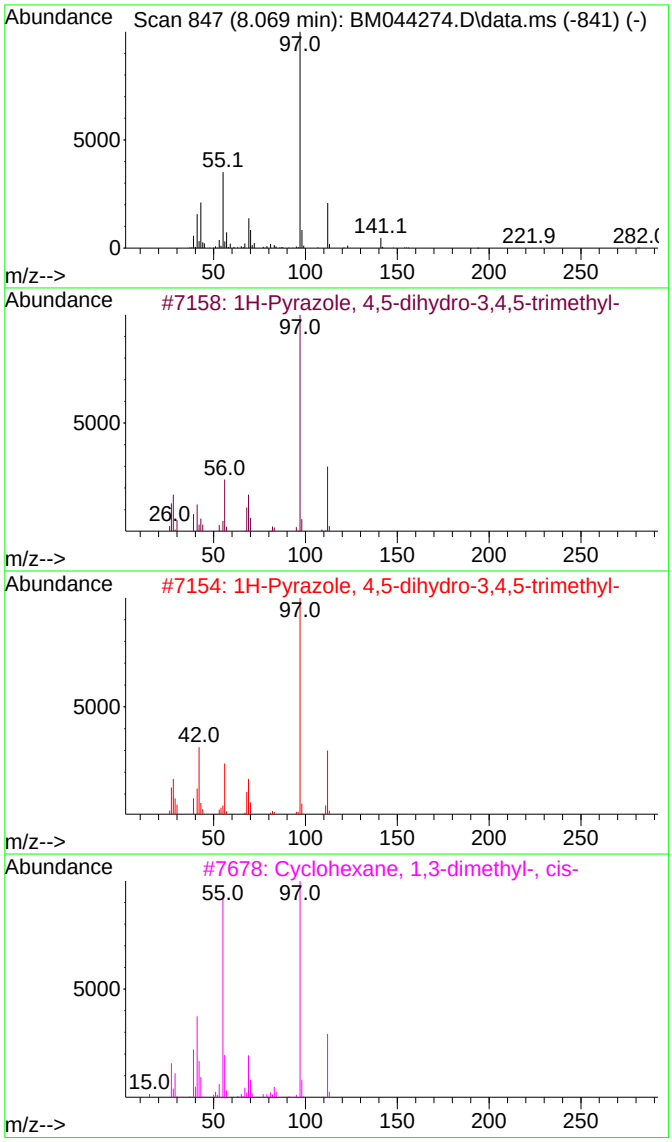
Quant Title : SVOA CALIBRATION

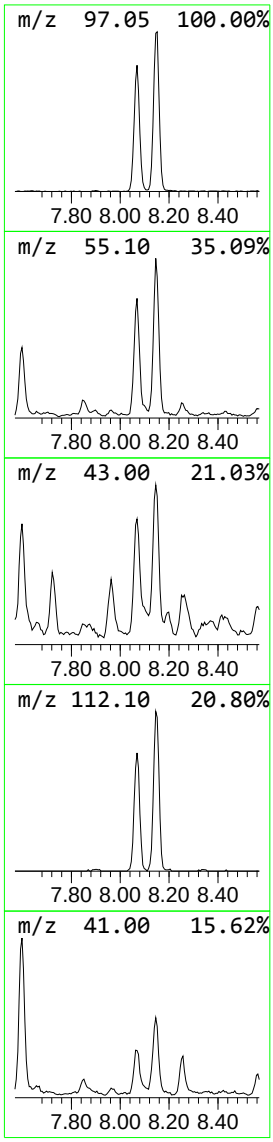
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Pyrazole, 4,5-dihydro-3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	6.62 ng/ul	365419	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	86
2	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	78
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	64
5	2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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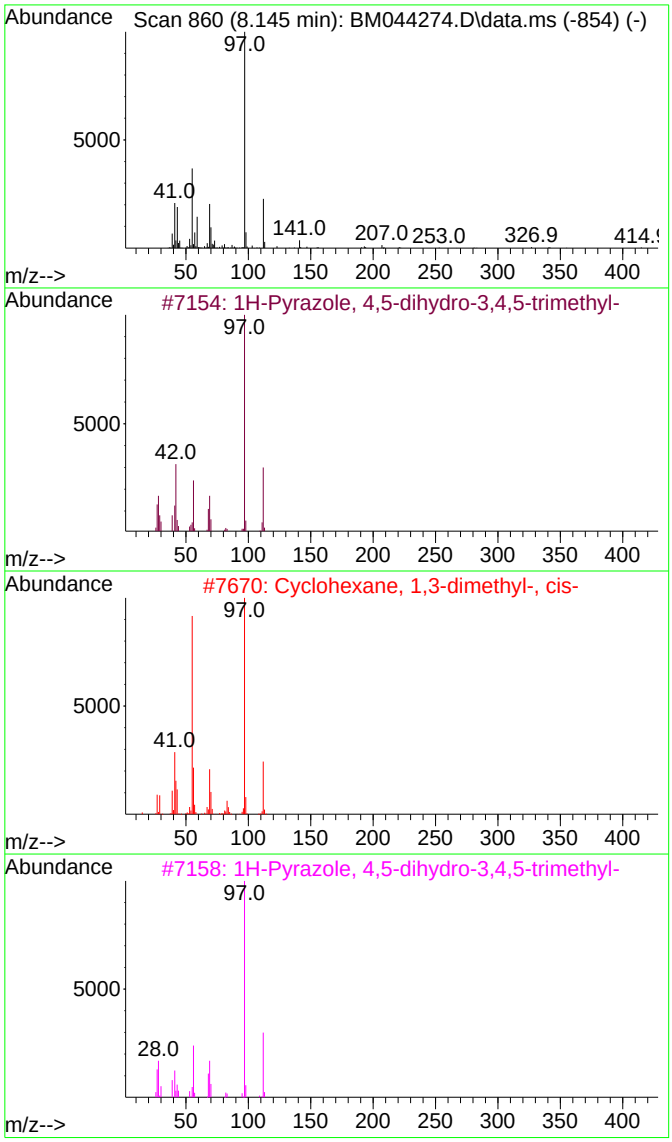
Quant Title : SVOA CALIBRATION

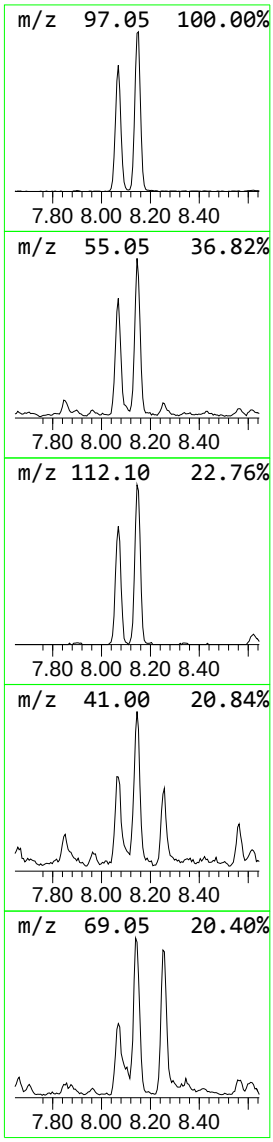
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.145 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.145	9.28 ng/ul	512542	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	64
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	64
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	64





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Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

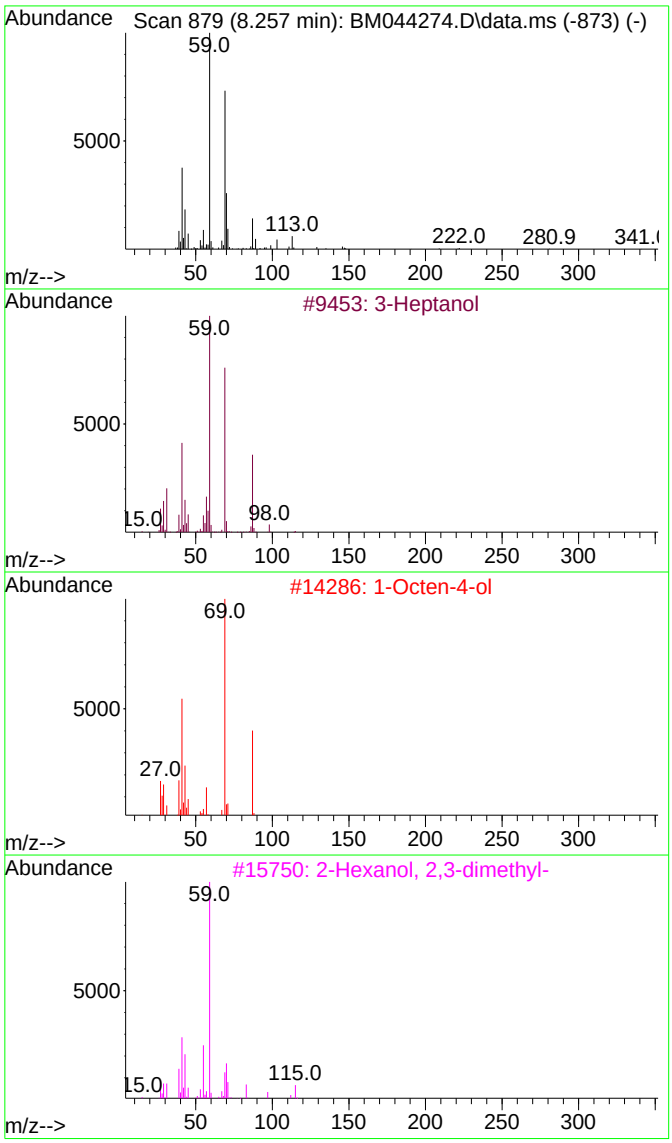
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

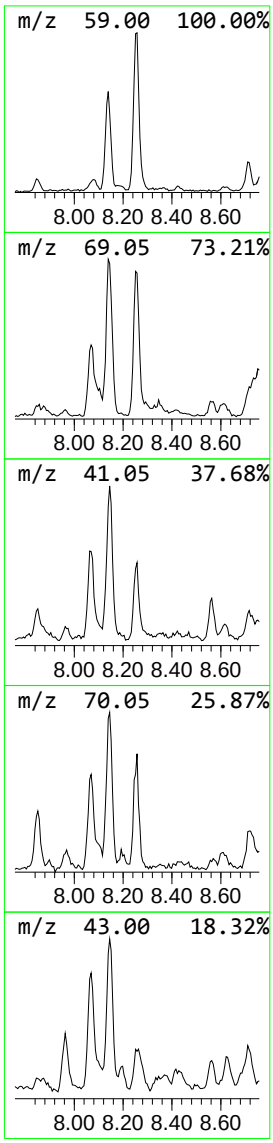
****

Peak Number 24 3-Heptanol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.257	3.07 ng/ul	169222	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol	116	C7H16O	000589-82-2	64
2	1-Octen-4-ol	128	C8H16O	040575-42-6	35
3	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	32
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	27
5	Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	25





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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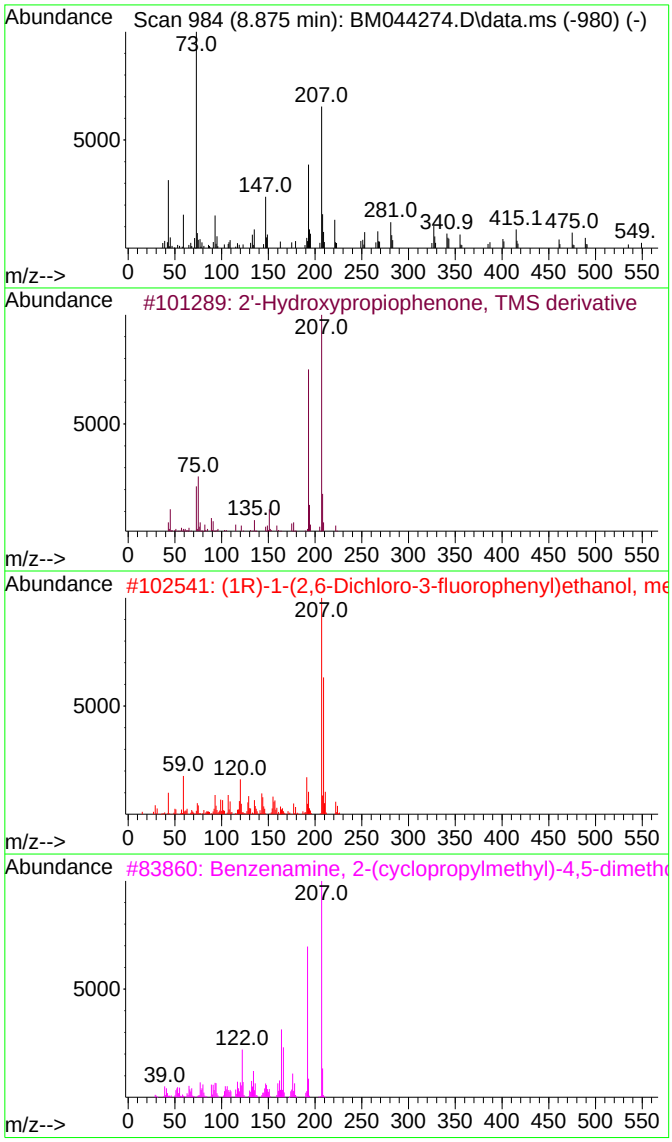
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

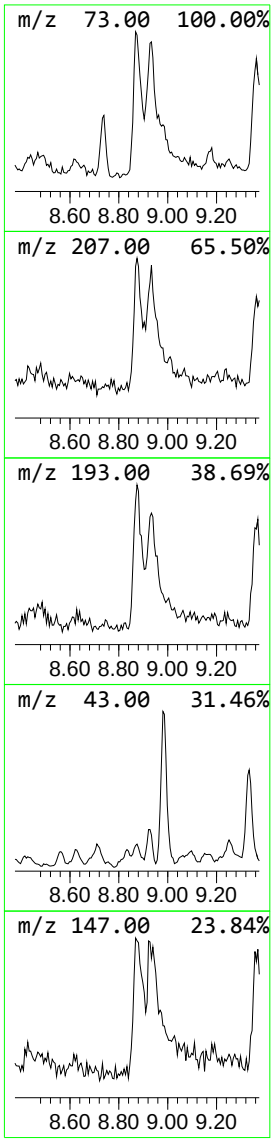
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2'-Hydroxypropiophenone, TM... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	3.52 ng/ul	194436	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Hydroxypropiophenone, TMS der...	222	C12H18O2Si	033342-87-9	58
2	(1R)-1-(2,6-Dichloro-3-fluorophe...	222	C9H9Cl2FO	1000505-38-4	27
3	Benzenamine, 2-(cyclopropylmethy...	207	C12H17NO2	1000327-32-3	27
4	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	22
5	Propanamide, N-(4-methoxyphenyl)...	207	C12H17NO2	056619-94-4	22





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

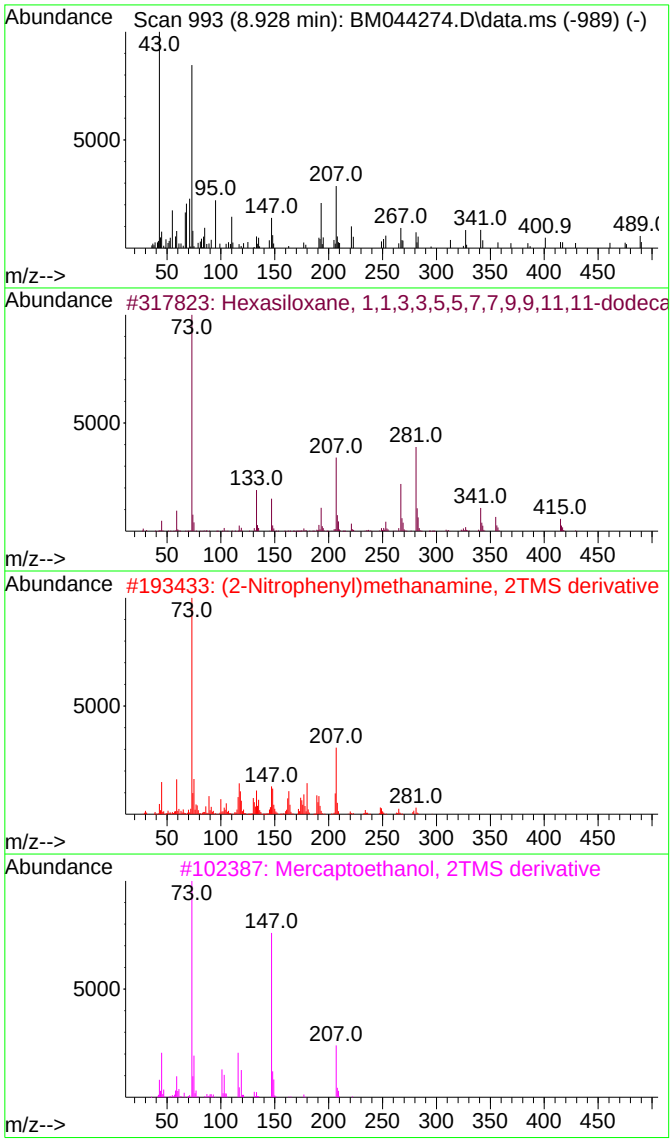
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

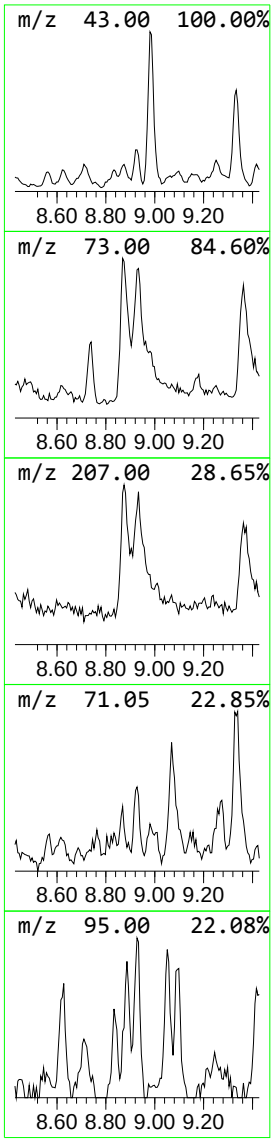
****

Peak Number 28 unknown-05 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	3.22 ng/ul	177901	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	25
2	(2-Nitrophenyl)methanamine, 2TMS...	296	C13H24N2O2Si2	1000478-84-5	16
3	Mercaptoethanol, 2TMS derivative	222	C8H22OSSi2	078921-31-0	16
4	1-Pentamethyldisilanyloxy-4-pent...	354	C16H34OSi4	1000427-15-7	16
5	3-Hydroxy-3-phenylbutan-2-one, T...	236	C13H20O2Si	1000368-45-7	16





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Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

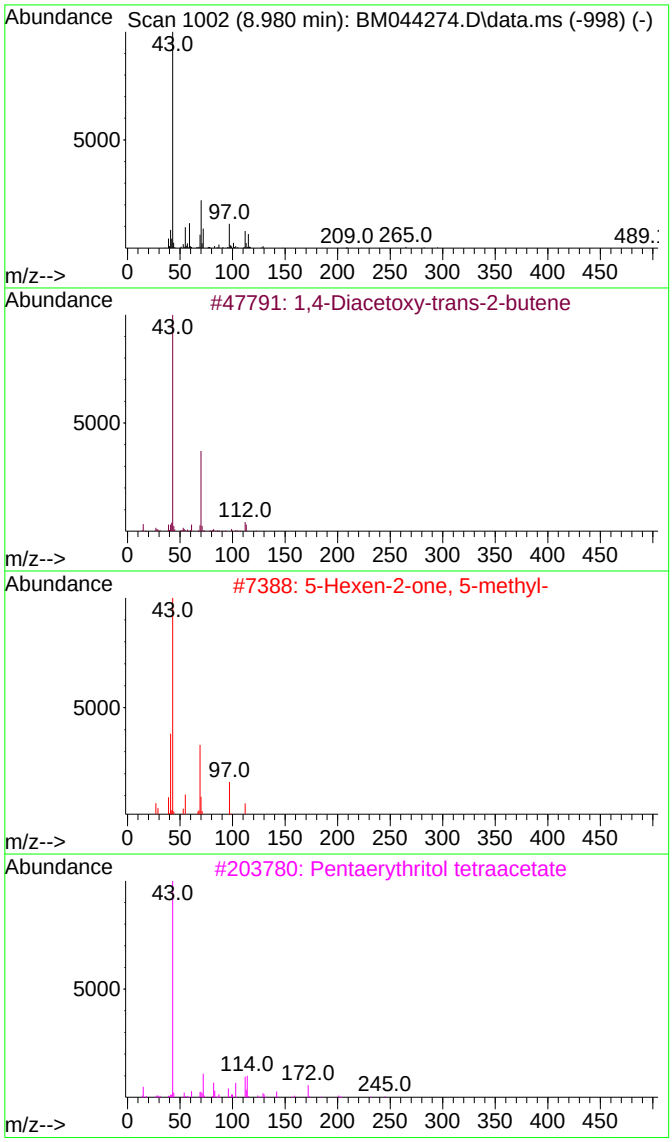
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

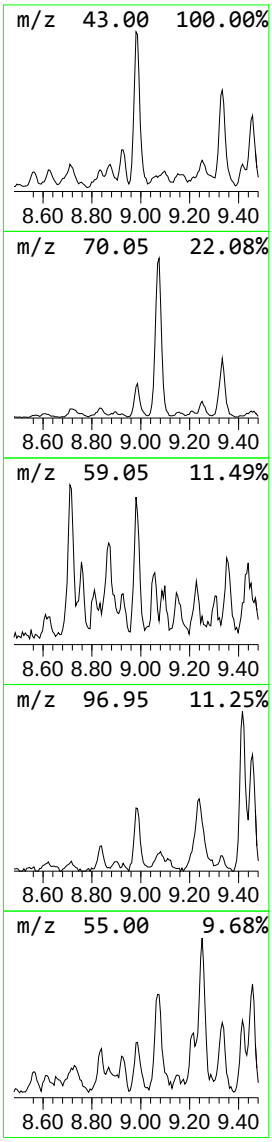
****

Peak Number 29 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.980	3.66 ng/ul	202320	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diacetoxy-trans-2-butene	172	C8H12O4	001576-98-3	38
2	5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	35
3	Pentaerythritol tetraacetate	304	C13H20O8	000597-71-7	25
4	1-Butene-1,4-diol, diacetate	172	C8H12O4	054484-67-2	23
5	2-Butene-1,4-diol, diacetate	172	C8H12O4	018621-75-5	23





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Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

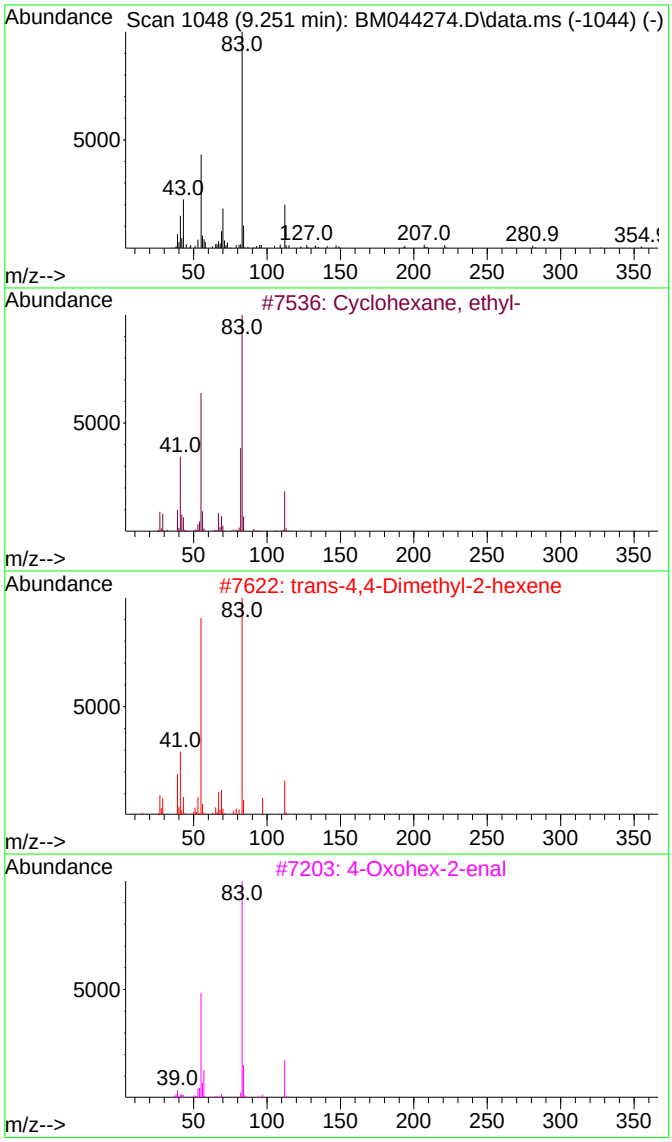
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

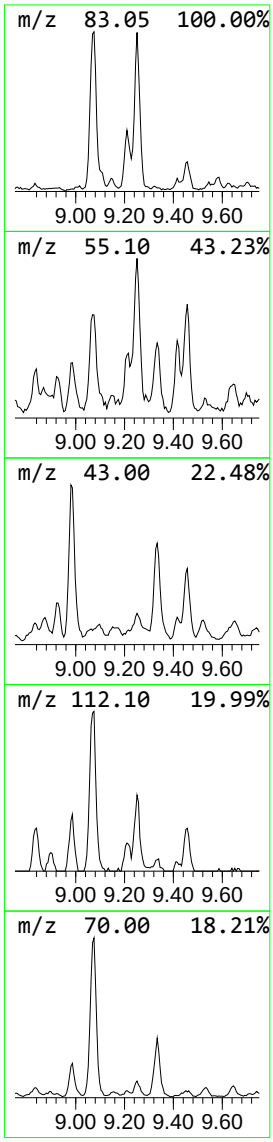
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic9.251 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	2.75 ng/ul	151735	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
2	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	72
3	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	64
4	2-Pyrazoline, 4-ethyl-1-methyl-	112	C6H12N2	022581-42-6	59
5	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	59





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Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

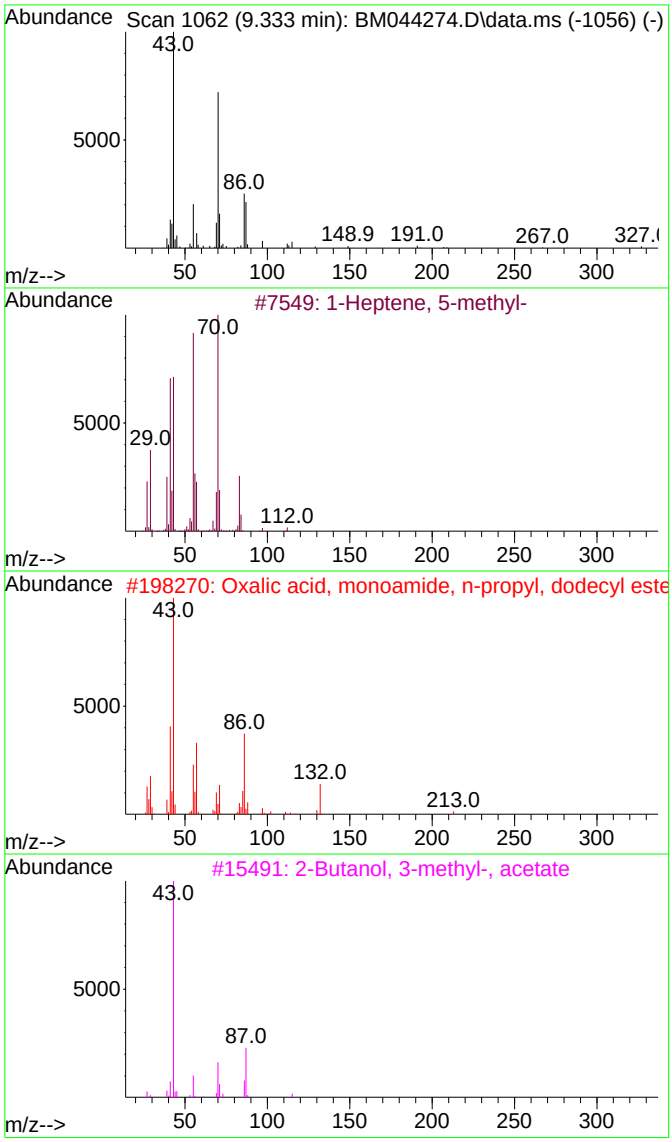
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

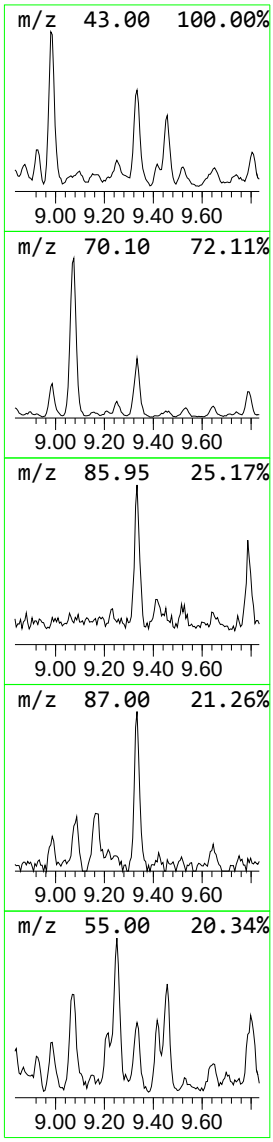
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	2.95 ng/ul	242011	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	38
2	Oxalic acid, monoamide, n-propyl...	299	C17H33NO3	1000309-65-1	37
3	2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	35
4	Heptanoic acid, 3-methylbutyl ester	200	C12H24O2	000109-25-1	32
5	2-(2-Aminoethanesulfonyl)propane...	193	C7H15NO3S	1863983-02-1	32





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Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

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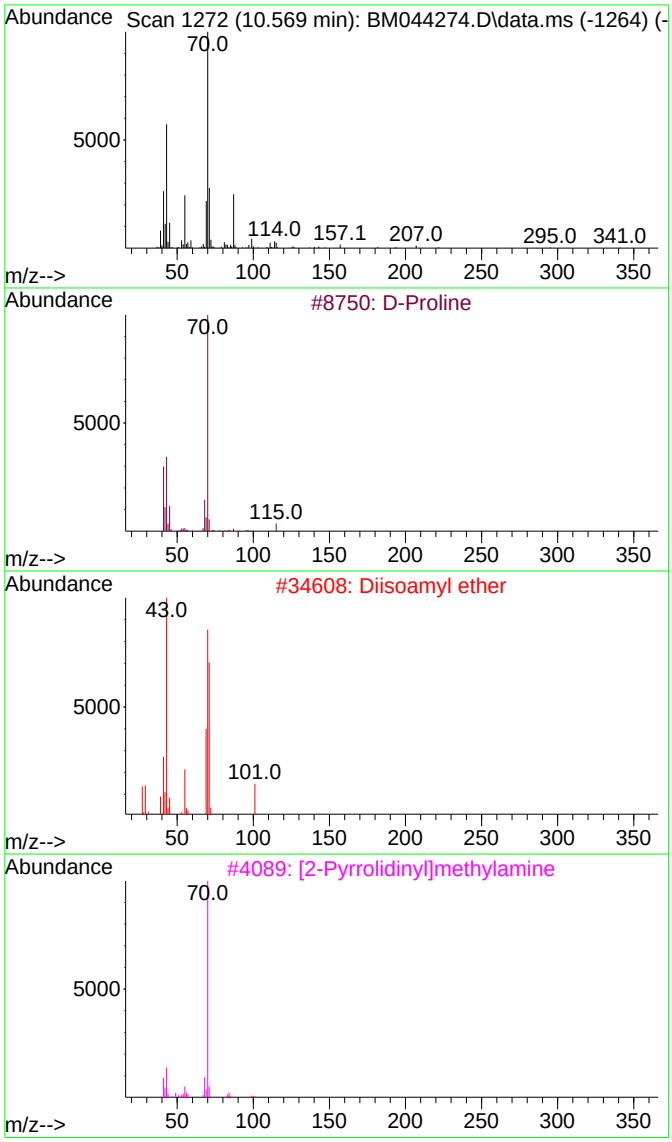
Quant Title : SVOA CALIBRATION

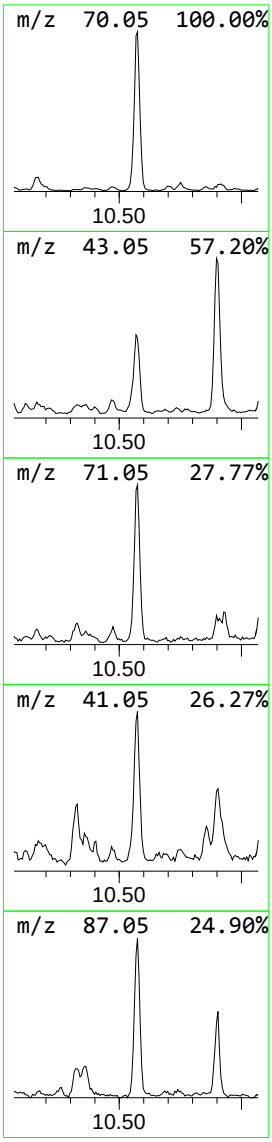
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 D-Proline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	4.77 ng/ul	391036	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Proline	115	C5H9NO2	000344-25-2	50
2	Diisoamyl ether	158	C10H22O	000544-01-4	50
3	[2-Pyrrolidinyl]methylamine	100	C5H12N2	1000131-13-6	43
4	Proline	115	C5H9NO2	000147-85-3	38
5	2-Acetylpyrrolidine	113	C6H11NO	060026-20-2	38





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

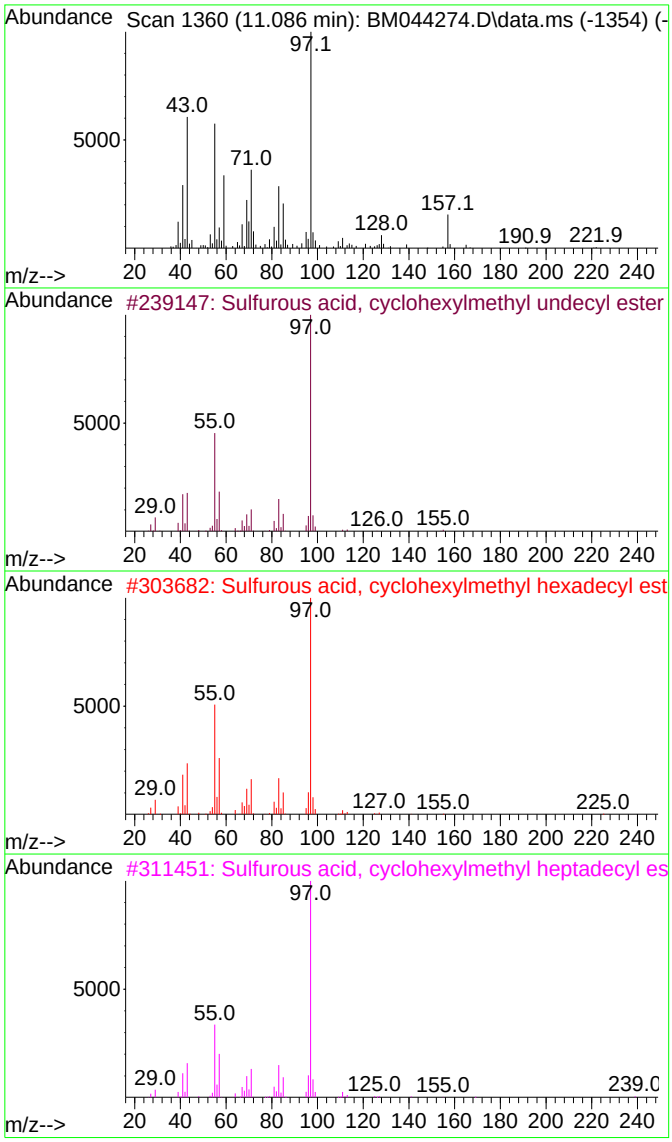
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

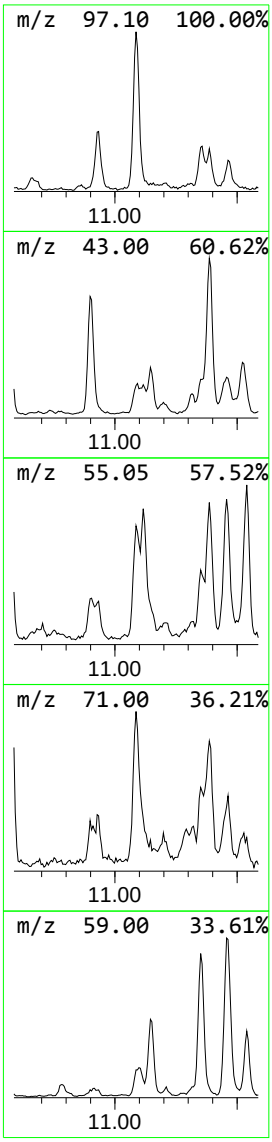
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Sulfurous acid, cyclohexylm... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.21 ng/ul	263567	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
3	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	50
5	Succinic acid, cyclohexylmethyl ...	326	C19H34O4	1000389-56-3	38





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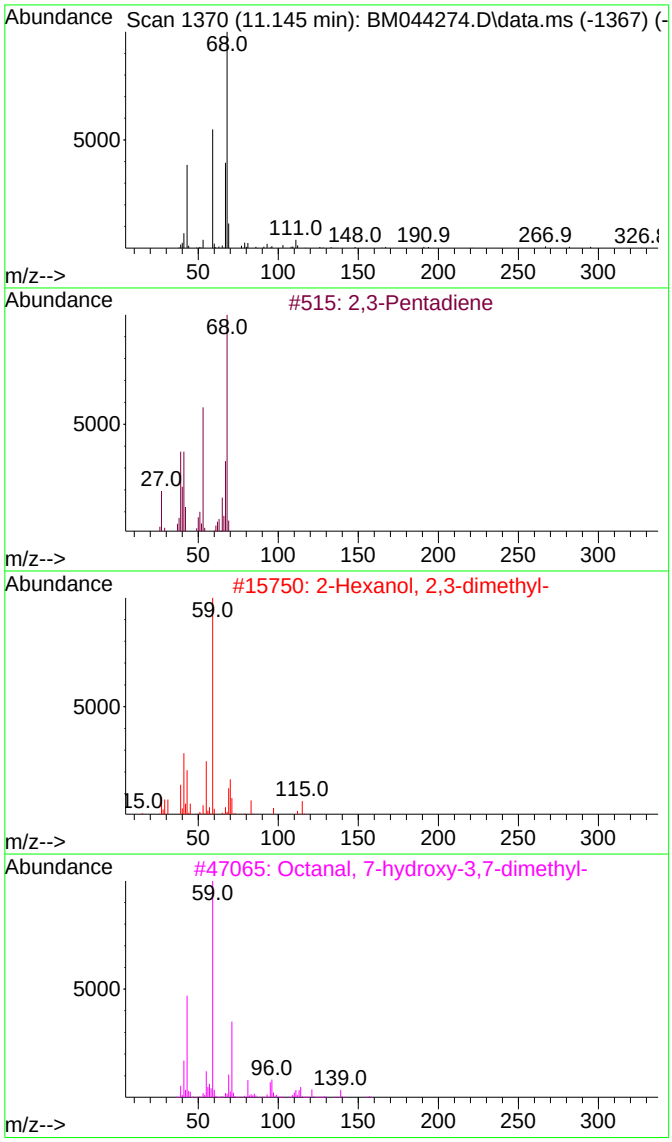
Quant Title : SVOA CALIBRATION

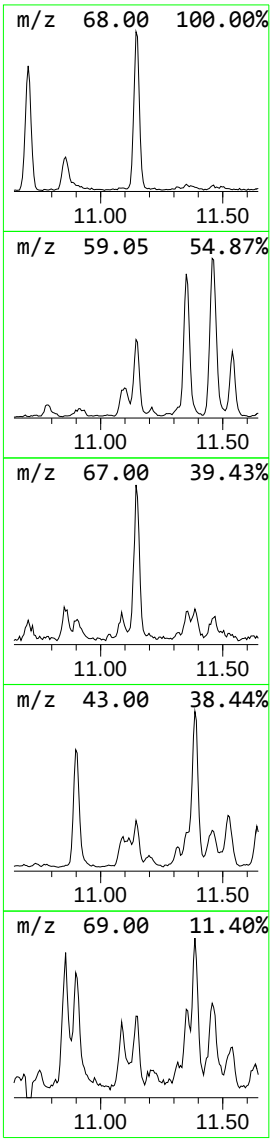
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 unknown-07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	3.21 ng/ul	263515	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pentadiene	68	C5H8	000591-96-8	9
2	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	9
3	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	9
4	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	9
5	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

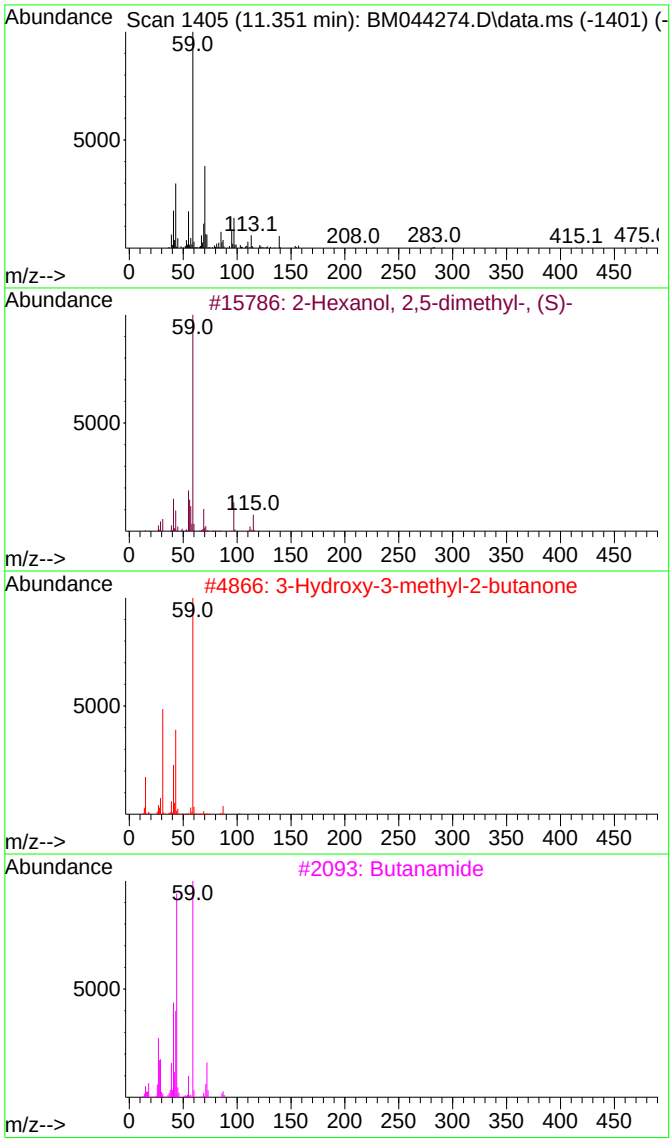
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

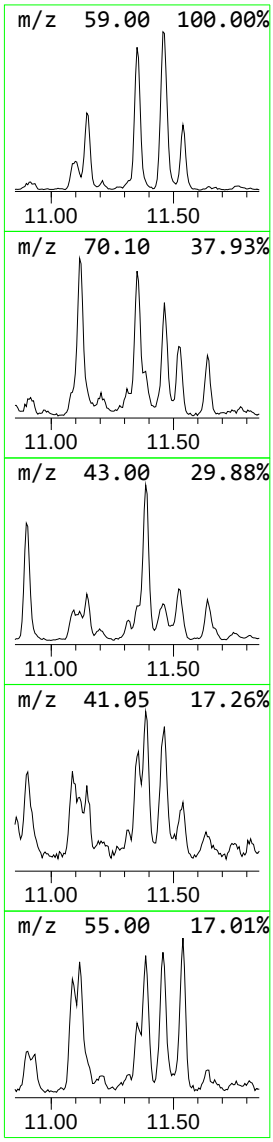
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	3.41 ng/ul	279543	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	47
3	Butanamide	87	C4H9NO	000541-35-5	47
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	47
5	Heptane, 1-ethoxy-	144	C9H20O	001969-43-3	42





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Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

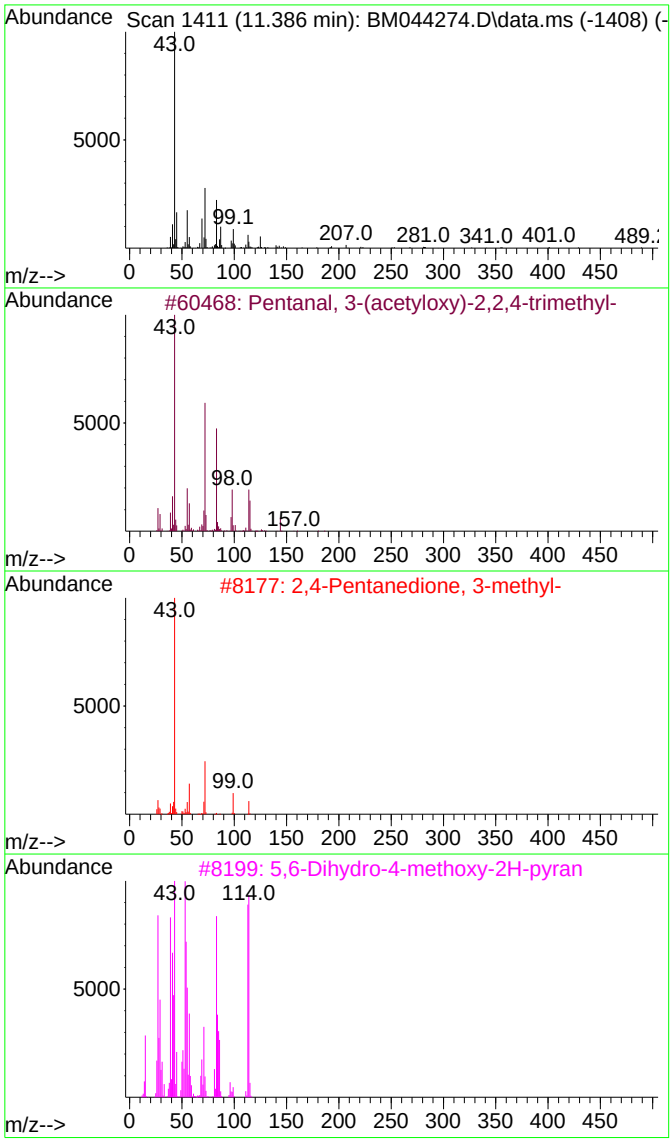
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

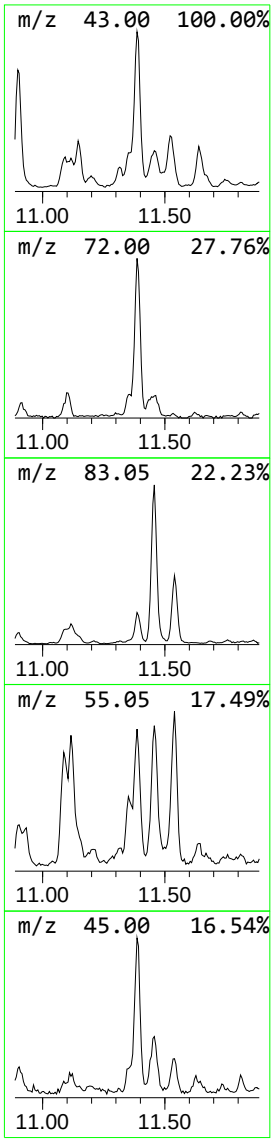
****

Peak Number 38 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	5.45 ng/ul	446971	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal, 3-(acetyloxy)-2,2,4-tr...	186	C10H18O3	077142-76-8	32
2	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	22
3	5,6-Dihydro-4-methoxy-2H-pyran	114	C6H10O2	017327-22-9	18
4	4-Ethoxy-2-butanone	116	C6H12O2	060044-74-8	12
5	n-Octyl guanidine	171	C9H21N3	003038-42-4	10





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Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

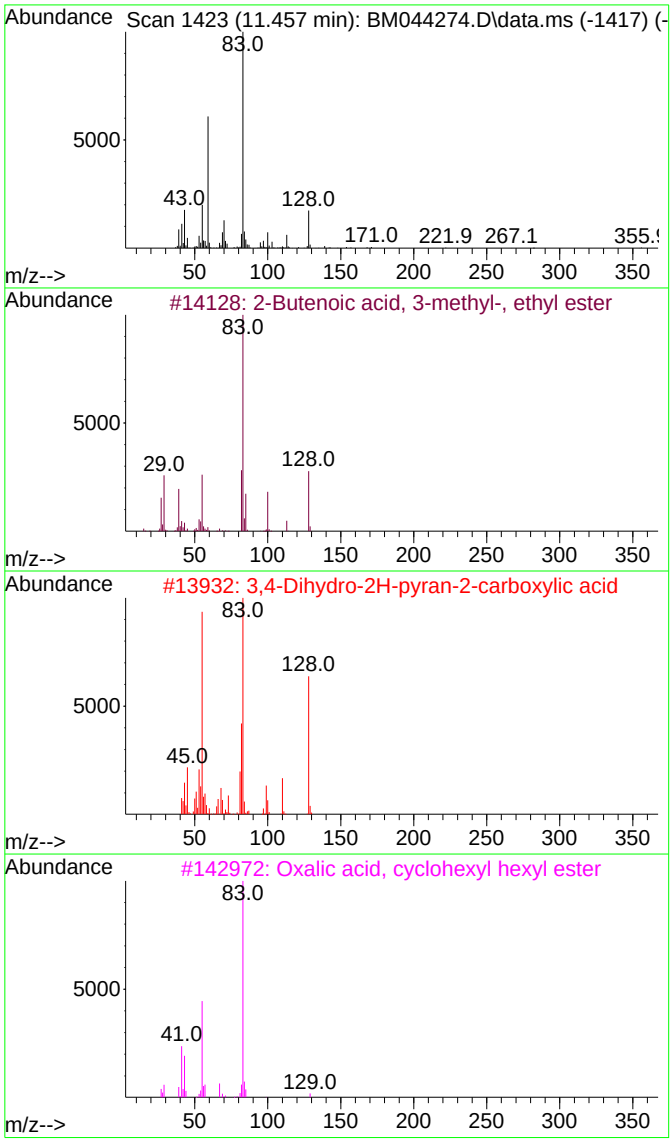
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

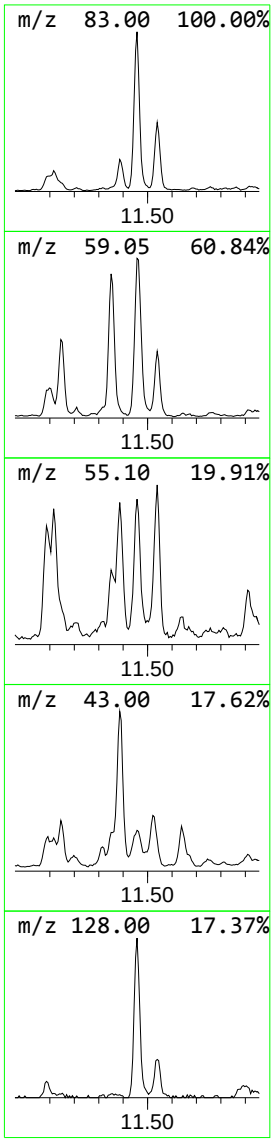
****

Peak Number 39 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	6.52 ng/ul	534458	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	47
2	3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1010132-10-4	47
3	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	43
4	Oxalic acid, dicyclohexyl ester	254	C14H22O4	1000309-30-9	38
5	Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	38





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Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

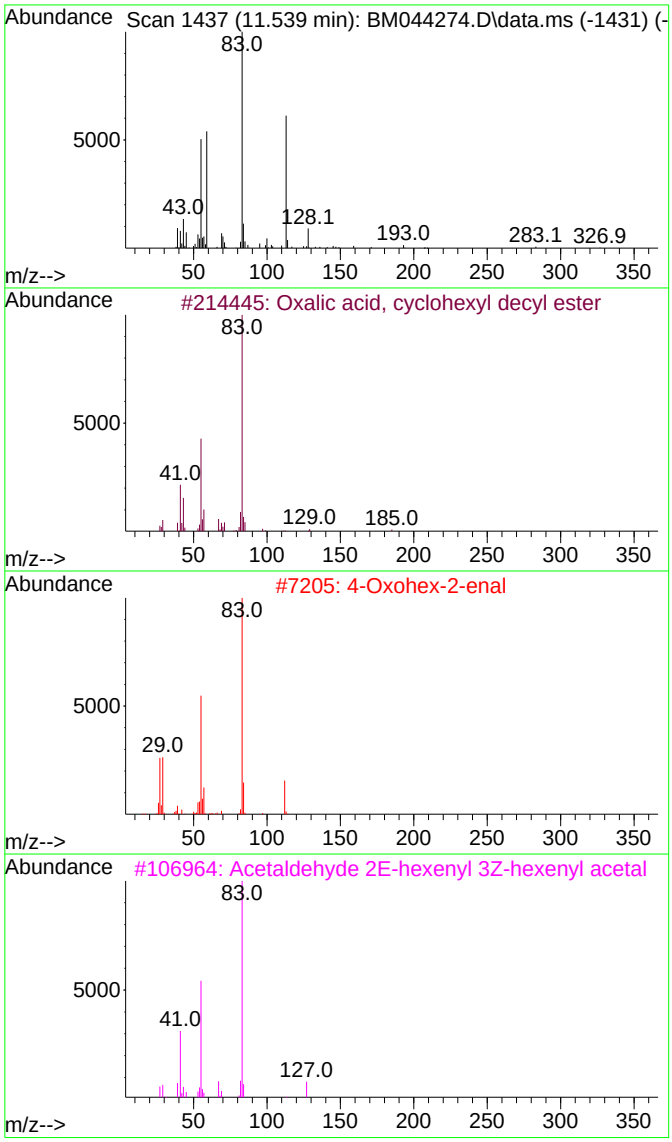
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

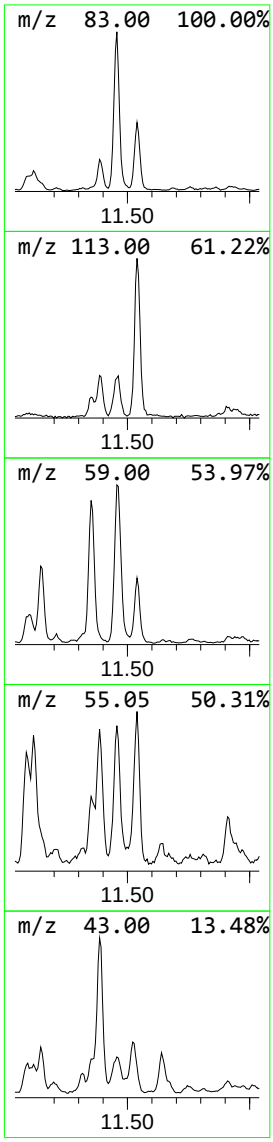
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 unknown-10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	4.31 ng/ul	353494	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	35
2	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	35
3	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	35
4	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	35
5	N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
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Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

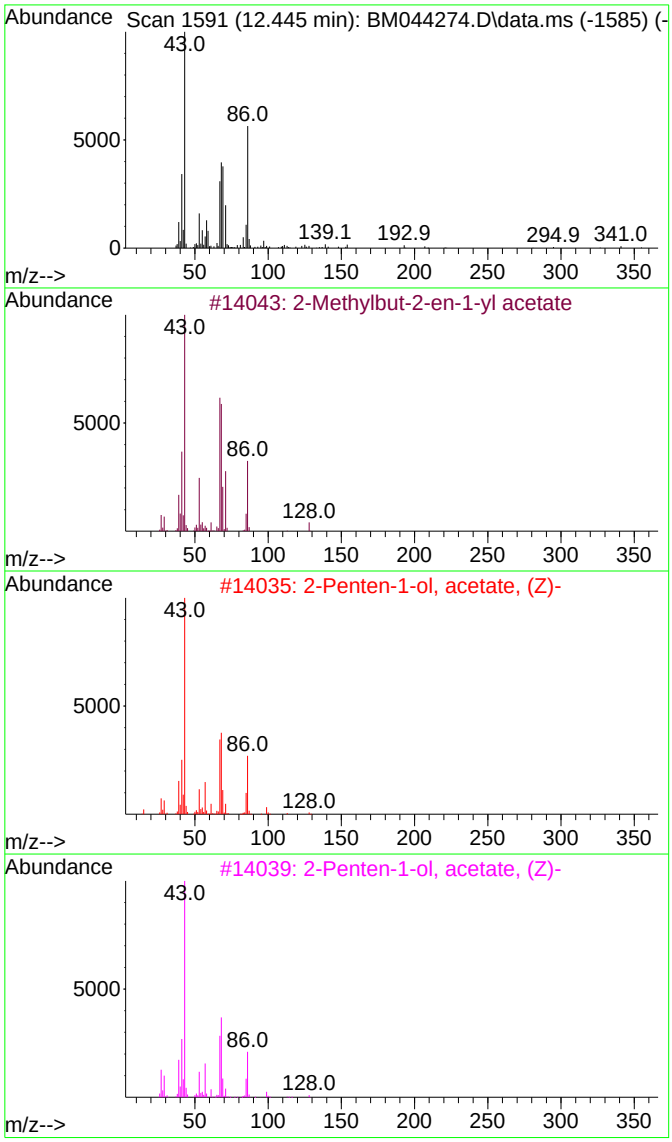
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

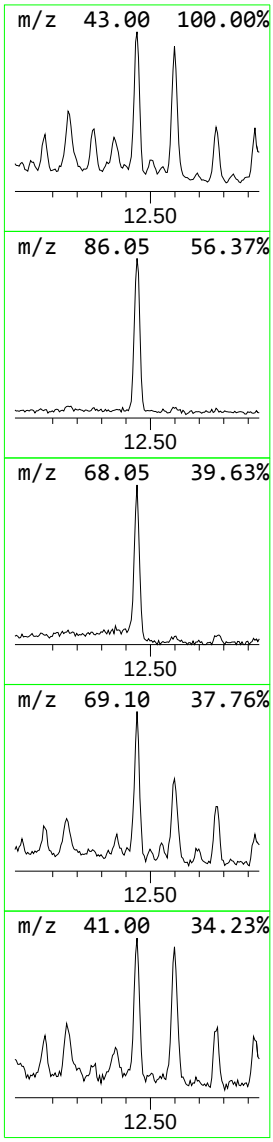
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 2-Methylbut-2-en-1-yl acetate Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.89 ng/ul	236680	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbut-2-en-1-yl acetate	128	C7H12O2	033425-30-8	78
2	2-Penten-1-ol, acetate, (Z)-	128	C7H12O2	042125-10-0	58
3	2-Penten-1-ol, acetate, (Z)-	128	C7H12O2	042125-10-0	53
4	Crotonic acid	86	C4H6O2	003724-65-0	47
5	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

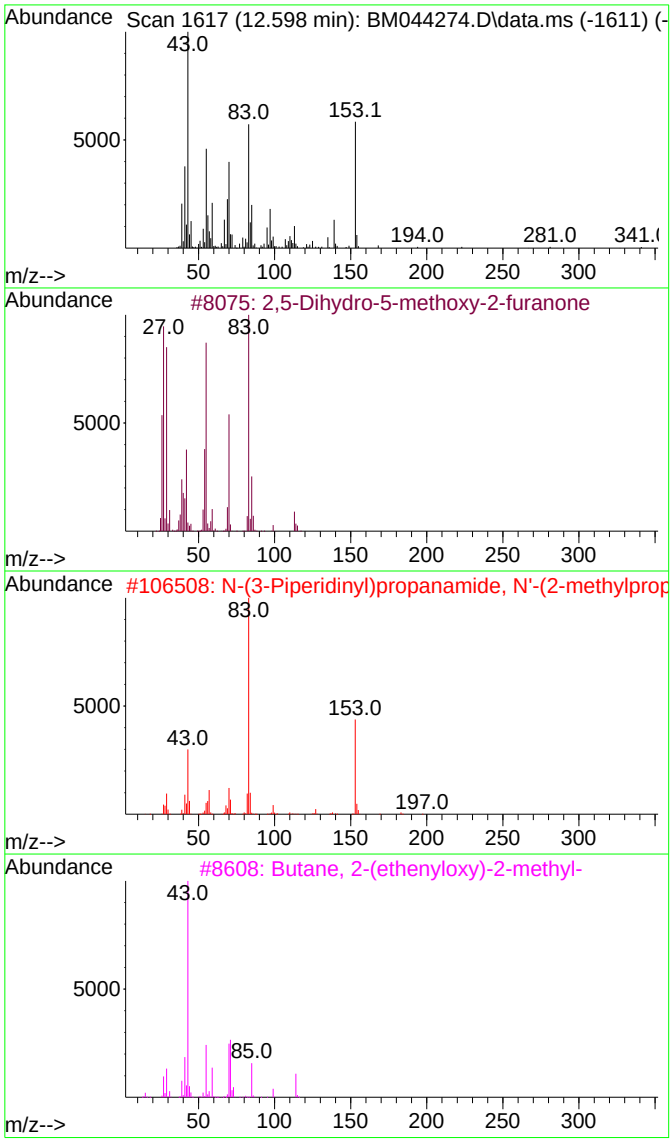
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

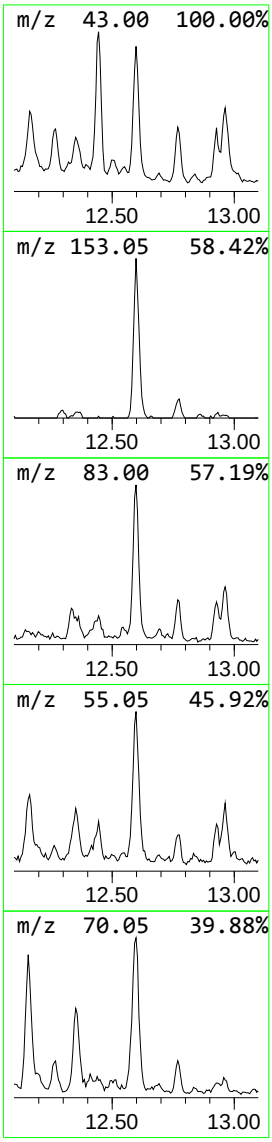
****

Peak Number 43 unknown-11 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	4.21 ng/ul	345693	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydro-5-methoxy-2-furanone	114	C5H6O3	010449-66-8	43
2	N-(3-Piperidinyl)propanamide, N'...	226	C12H22N2O2	1000469-85-0	25
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	22
4	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	18
5	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
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Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

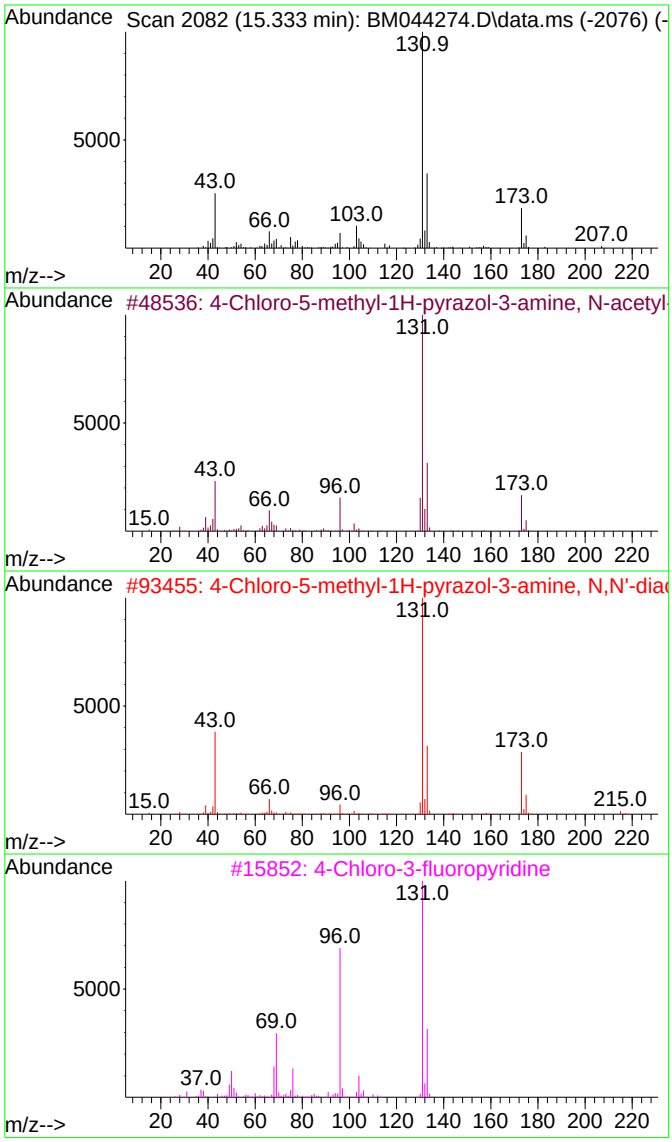
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

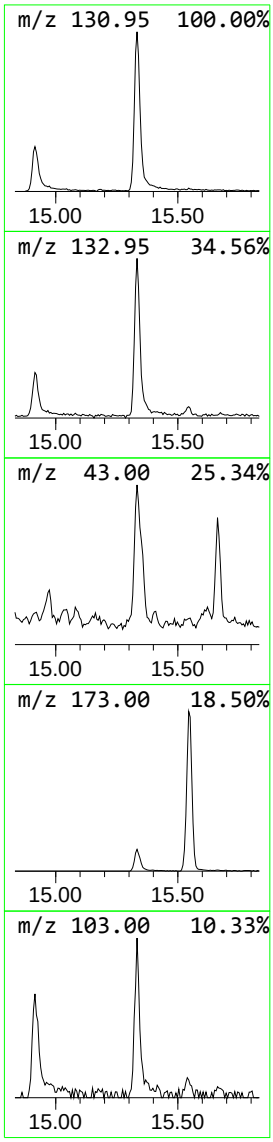
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 4-Chloro-5-methyl-1H-pyrazo... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	3.08 ng/ul	301379	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-5-methyl-1H-pyrazol-3-a...	173	C6H8ClN3O	1000511-56-8	80
2	4-Chloro-5-methyl-1H-pyrazol-3-a...	215	C8H10ClN3O2	1000511-78-2	78
3	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	59
4	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	53
5	4-Chloro-5-methyl-1H-pyrazol-3-a...	215	C8H10ClN3O2	1010511-78-3	43





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Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

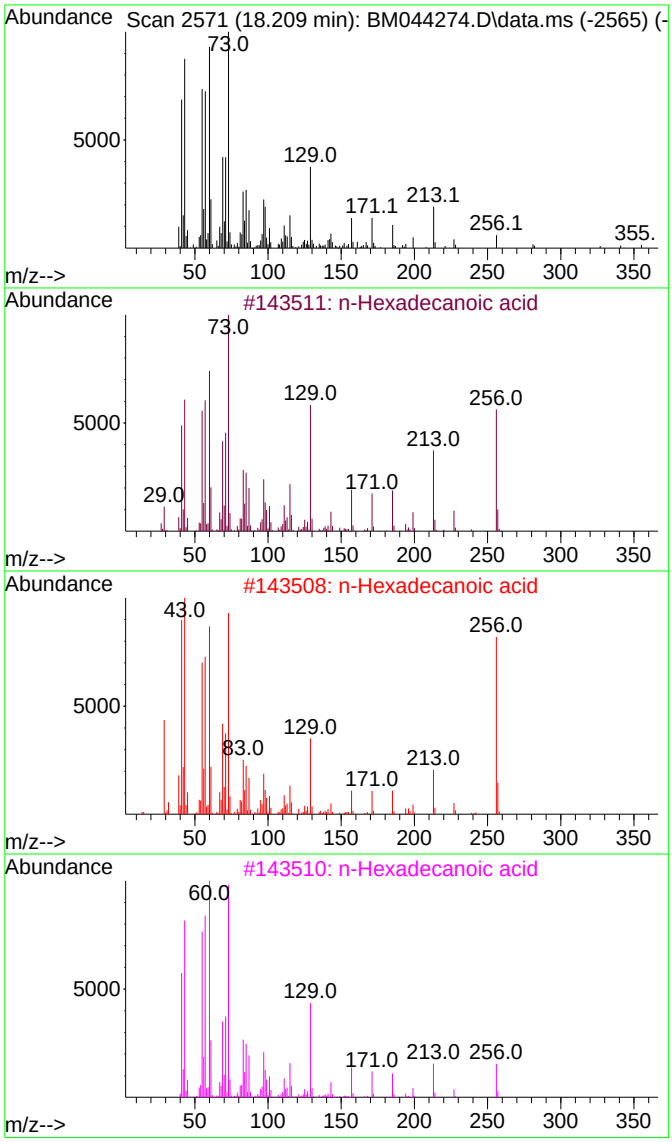
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

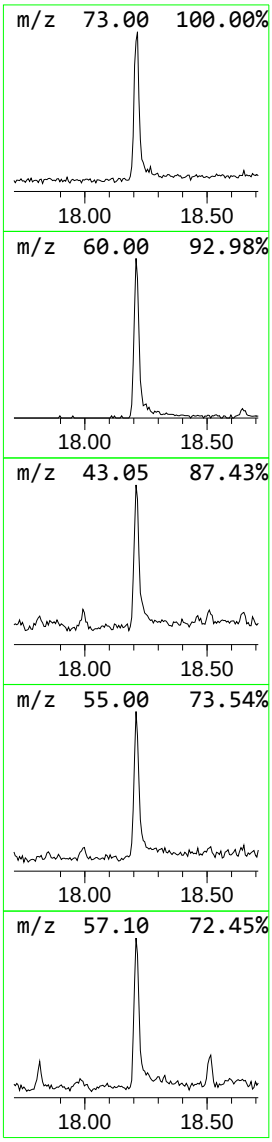
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 n-Hexadecanoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	2.94 ng/ul	325318	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
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Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

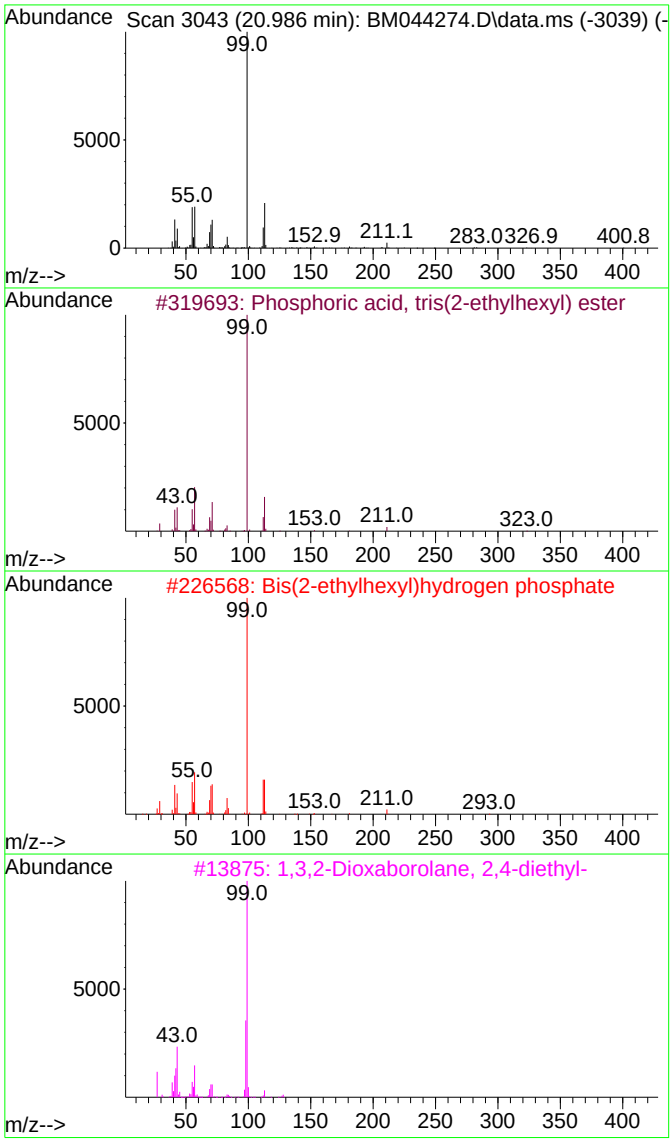
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

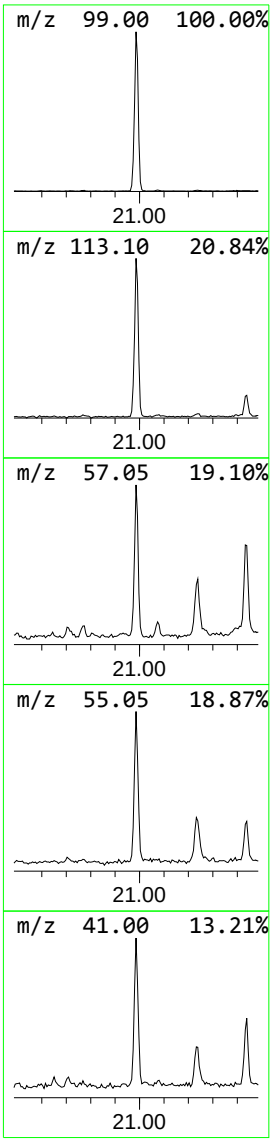
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Phosphoric acid, tris(2-eth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	3.83 ng/ul	450155	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	86
2	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	64
3	1,3,2-Dioxaborolane, 2,4-diethyl-	128	C6H13BO2	057633-63-3	53
4	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	50
5	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044274.D
Acq On : 23 Feb 2024 16:59
Operator : MA/JU
Sample : P1498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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
3-Penten-2-ol	3.134	210.8	ng/ul	11634700	1	7.904	1104090	20.0
unknown-01	3.875	3.3	ng/ul	183670	1	7.904	1104090	20.0
1-Butene, 3-chl...	4.075	26.3	ng/ul	1449010	1	7.904	1104090	20.0
2-Butenal, 3-me...	4.245	7.7	ng/ul	425893	1	7.904	1104090	20.0
(DEL) Alkane: S...	4.310	6.2	ng/ul	341725	1	7.904	1104090	20.0
unknown-02	4.457	14.1	ng/ul	775409	1	7.904	1104090	20.0
2-Pentanol, 4-m...	4.645	36.9	ng/ul	2035330	1	7.904	1104090	20.0
Cyclopentane, n...	4.722	6.0	ng/ul	332178	1	7.904	1104090	20.0
(DEL) Alkane: S...	4.810	2.9	ng/ul	162152	1	7.904	1104090	20.0
unknown-03	4.863	6.4	ng/ul	354825	1	7.904	1104090	20.0
1-Propene, 3-ch...	5.798	4.3	ng/ul	235991	1	7.904	1104090	20.0
2-Buten-1-ol, 3...	6.216	8.5	ng/ul	470933	1	7.904	1104090	20.0
(DEL) Alkane: S...	6.698	5.0	ng/ul	275513	1	7.904	1104090	20.0
unknown-04	6.739	7.5	ng/ul	415082	1	7.904	1104090	20.0
(DEL) Alkane: C...	7.134	6.4	ng/ul	355544	1	7.904	1104090	20.0
4-Chloro-3-meth...	7.598	10.5	ng/ul	579823	1	7.904	1104090	20.0
1H-Pyrazole, 4,...	8.069	6.6	ng/ul	365419	1	7.904	1104090	20.0
(DEL) Alkane: C...	8.145	9.3	ng/ul	512542	1	7.904	1104090	20.0
3-Heptanol	8.257	3.1	ng/ul	169222	1	7.904	1104090	20.0
2'-Hydroxypropi...	8.875	3.5	ng/ul	194436	1	7.904	1104090	20.0
unknown-05	8.928	3.2	ng/ul	177901	1	7.904	1104090	20.0
unknown-06	8.980	3.7	ng/ul	202320	1	7.904	1104090	20.0
(DEL) Alkane: C...	9.251	2.8	ng/ul	151735	1	7.904	1104090	20.0
(DEL) Alkane: S...	9.333	3.0	ng/ul	242011	2	10.704	1640660	20.0
D-Proline	10.569	4.8	ng/ul	391036	2	10.704	1640660	20.0
Sulfurous acid,...	11.086	3.2	ng/ul	263567	2	10.704	1640660	20.0
unknown-07	11.145	3.2	ng/ul	263515	2	10.704	1640660	20.0
2-Hexanol, 2,5-...	11.351	3.4	ng/ul	279543	2	10.704	1640660	20.0
unknown-08	11.386	5.5	ng/ul	446971	2	10.704	1640660	20.0
unknown-09	11.457	6.5	ng/ul	534458	2	10.704	1640660	20.0
unknown-10	11.539	4.3	ng/ul	353494	2	10.704	1640660	20.0
2-Methylbut-2-e...	12.445	2.9	ng/ul	236680	2	10.704	1640660	20.0
unknown-11	12.598	4.2	ng/ul	345693	2	10.704	1640660	20.0
4-Chloro-5-meth...	15.333	3.1	ng/ul	301379	3	14.545	1955090	20.0
n-Hexadecanoic ...	18.209	2.9	ng/ul	325318	4	17.298	2211750	20.0
Phosphoric acid...	20.986	3.8	ng/ul	450155	5	21.503	2349440	20.0