LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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: BP018100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	20	24	27	rBV2	14248	18906	0.54%	0.049%
2	3.264	27	30	35	rVB	19617	25737	0.73%	0.067%
3	3.346	40	44	50	rVB	149188	179927	5.12%	0.465%
4	3.669	96	99	111	rBV	65816	122082	3.48%	0.316%
5	3.834	122	127	134	rVB	124753	165309	4.71%	0.427%
6	4.475	231	236	241	rBV2	15321	26946	0.77%	0.070%
7	4.864	295	302	311	rBV9	6695	14615	0.42%	0.038%
8	5.116	340	345	350	rBV	34081	53467	1.52%	0.138%
9	5.340	377	383	387	rBV2	13909	18143	0.52%	0.047%
10	5.711	439	446	455	rBV	2661185	3512219	100.00%	9.083%
11	6.034	493	501	508	rVV	297047	420000	11.96%	1.086%
12	6.469	566	575	584	rBV	9412	24932	0.71%	0.064%
13	6.787	623	629	636	rVV5	15457	36732	1.05%	0.095%
14	7.034	663	671	677	rBV	1987205	2915455	83.01%	7.540%
15	7.193	691	698	710	rBV	262503	427395	12.17%	1.105%
16	7.369	721	728	736	rBV	291911	494655	14.08%	1.279%
17	7.440	736	740	747	rVB4	18144	36037	1.03%	0.093%
18	7.846	801	809	820	rBV2	302163	585736	16.68%	1.515%
19	7.946	820	826	830	rBV2	54897	84065	2.39%	0.217%
20	8.075	844	848	856	rVB3	17511	28996	0.83%	0.075%
21	8.193	861	868	877	rVB2	30901	57599	1.64%	0.149%
22	8.387	895	901	910	rBV	128199	199574	5.68%	0.516%
23	8.528	918	925	928	rBV2	59236	94175	2.68%	0.244%
24	8.575	928	933	949	rVB	210788	410178	11.68%	1.061%
25	8.769	961	966	974	rVB3	12448	24087	0.69%	0.062%
26	8.916	985	991	996	rBV3	17753	28378	0.81%	0.073%
27	9.052	1001	1014	1021	rVV	357044	623792	17.76%	1.613%
28	9.122	1021	1026	1031	rVV	119981	194443	5.54%	0.503%
29	9.193	1034	1038	1041	rVV2	25535	43241	1.23%	0.112%
30	9.257	1045	1049	1057	rVB	41310	66732	1.90%	0.173%
31	9.440	1074	1080	1088	rBV2	49648	95690	2.72%	0.247%
32	9.628	1104	1112	1117	rBV10	8750	17162	0.49%	0.044%
33	9.699	1117	1124	1129	rBV3	13295	25026	0.71%	0.065%
34	9.763	1129	1135	1147	rVV	325113	564471	16.07%	1.460%
35	10.034	1174	1181	1191	rVB	355444	551046	15.69%	1.425%
36	10.181	1201	1206	1211	rVB8	8953	17178	0.49%	0.044%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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	10.293	1216	1225	1240	rBV	376286	783363	22.30%	2.026%
38	10.663	1281	1288	1296	rBV	411855	679957	19.36%	1.758%
39	10.846	1306	1319	1325	rBV	292599	597071	17.00%	1.544%
40	10.963	1336	1339	1346	rVB9	10578	20995	0.60%	0.054%
41	11.051	1346	1354	1358	rBV2	78646	139485	3.97%	0.361%
42	11.199	1373	1379	1380	rVV2	33137	49131	1.40%	0.127%
43	11.216	1380	1382	1386	rVV3	43020	61279	1.74%	0.158%
44	11.269	1387	1391	1398	rVB4	20267	40241	1.15%	0.104%
45	11.387	1407	1411	1416	rVV7	13561	23287	0.66%	0.060%
46	11.451	1416	1422	1424	rVV2	75405	127673	3.64%	0.330%
47	11.481	1424	1427	1434	rVV	106808	179993	5.12%	0.465%
48	11.557	1434	1440	1444	rVV	48689	84246	2.40%	0.218%
49	11.598	1444	1447	1457	rVB5	55598	117007	3.33%	0.303%
50	11.698	1457	1464	1477	rBV	884383	1370549	39.02%	3.544%
51	11.851	1486	1490	1501	rVB4	37720	94260	2.68%	0.244%
52	11.957	1503	1508	1513	rVB5	19781	30094	0.86%	0.078%
53	12.016	1513	1518	1524	rBV3	16072	29683	0.85%	0.077%
54	12.104	1527	1533	1538	rVB8	10950	20227	0.58%	0.052%
55	12.163	1538	1543	1551	rBV3	61368	101238	2.88%	0.262%
56	12.469	1583	1595	1606	rVV2	65770	164638	4.69%	0.426%
57	12.557	1606	1610	1616	rVV8	16747	32476	0.92%	0.084%
58	12.610	1616	1619	1622	rVV5	9721	15796	0.45%	0.041%
59	12.693	1629	1633	1642	rVV	75691	138661	3.95%	0.359%
60	12.922	1668	1672	1677	rVB5	10803	15368	0.44%	0.040%
61	12.981	1677	1682	1688	rBV6	12668	33666	0.96%	0.087%
62	13.357	1741	1746	1751	rBV2	63272	100097	2.85%	0.259%
63	13.834	1822	1827	1830	rVV2	55189	77179	2.20%	0.200%
64	13.904	1835	1839	1840	rVV2	23090	30869	0.88%	0.080%
65	13.940	1840	1845	1851	rVV	1032644	1414218	40.27%	3.657%
66	13.987	1851	1853	1858	rVV3	21165	32203	0.92%	0.083%
67	14.040	1859	1862	1870	rVV10	14877	28706	0.82%	0.074%
68	14.216	1886	1892	1903	rBV	985498	1429130	40.69%	3.696%
69	14.316	1903	1909	1910	rBV2	38249	55474	1.58%	0.143%
70	14.516	1935	1943	1950	rBV	631816	969575	27.61%	2.507%
71	14.598	1952	1957	1961	rVB6	9103	16612	0.47%	0.043%
72	14.722	1974	1978	1983	rVB6	16533	24833	0.71%	0.064%
73	14.816	1985	1994	2005	rBV3	40768	126870	3.61%	0.328%
74	14.998	2021	2025	2029	rVB5	10099	14193	0.40%	0.037%
75	15.069	2031	2037	2041	rVB7	17045	35968	1.02%	0.093%
76	15.134	2041	2048	2051	rBV4	36655	73039	2.08%	0.189%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH322

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	15.163	2051	2053	2059	rVB2	33090	39427	1.12%	0.102%
78	15.222	2059	2063	2067	rBV3	16249	25272	0.72%	0.065%
79	15.275	2067	2072	2076	rBV2	32081	52636	1.50%	0.136%
80	15.445	2096	2101	2104	rBV3	44504	68152	1.94%	0.176%
81	15.522	2105	2114	2121	rVV	1402141	2043096	58.17%	5.284%
82	15.575	2121	2123	2126	rVV3	25913	37692	1.07%	0.097%
83	15.604	2126	2128	2131	rVV	24012	23151	0.66%	0.060%
84	15.675	2131	2140	2152	rVB2	539055	891672	25.39%	2.306%
85	16.128	2213	2217	2223	rVB	16963	25122	0.72%	0.065%
86	16.286	2238	2244	2254	rBV	324341	565517	16.10%	1.462%
87	16.451	2268	2272	2276	rVB	27280	35779	1.02%	0.093%
88	16.728	2316	2319	2323	rVB6	12613	16396	0.47%	0.042%
89	17.298	2410	2416	2427	rBV	930904	1264152	35.99%	3.269%
90	17.398	2427	2433	2445	rBV2	1760892	2496762	71.09%	6.457%
91	17.733	2486	2490	2497	rVB9	14183	30475	0.87%	0.079%
92	18.145	2556	2560	2569	rBV3	50751	75463	2.15%	0.195%
93	18.239	2571	2576	2581	rVB	71300	91857	2.62%	0.238%
94	19.222	2739	2743	2747	rBV2	26158	34846	0.99%	0.090%
95	19.298	2752	2756	2760	rVB	25453	37704	1.07%	0.098%
96	19.386	2768	2771	2781	rBV7	34672	55185	1.57%	0.143%
97	19.657	2811	2817	2823	rBV	2444195	3126925	89.03%	8.086%
98	21.427	3113	3118	3129	rBV	1102922	1455818	41.45%	3.765%
99	23.763	3507	3515	3529	rVB	1588817	3154291	89.81%	8.157%
100	23.927	3536	3543	3553	rVB	650712	1437930	40.94%	3.719%

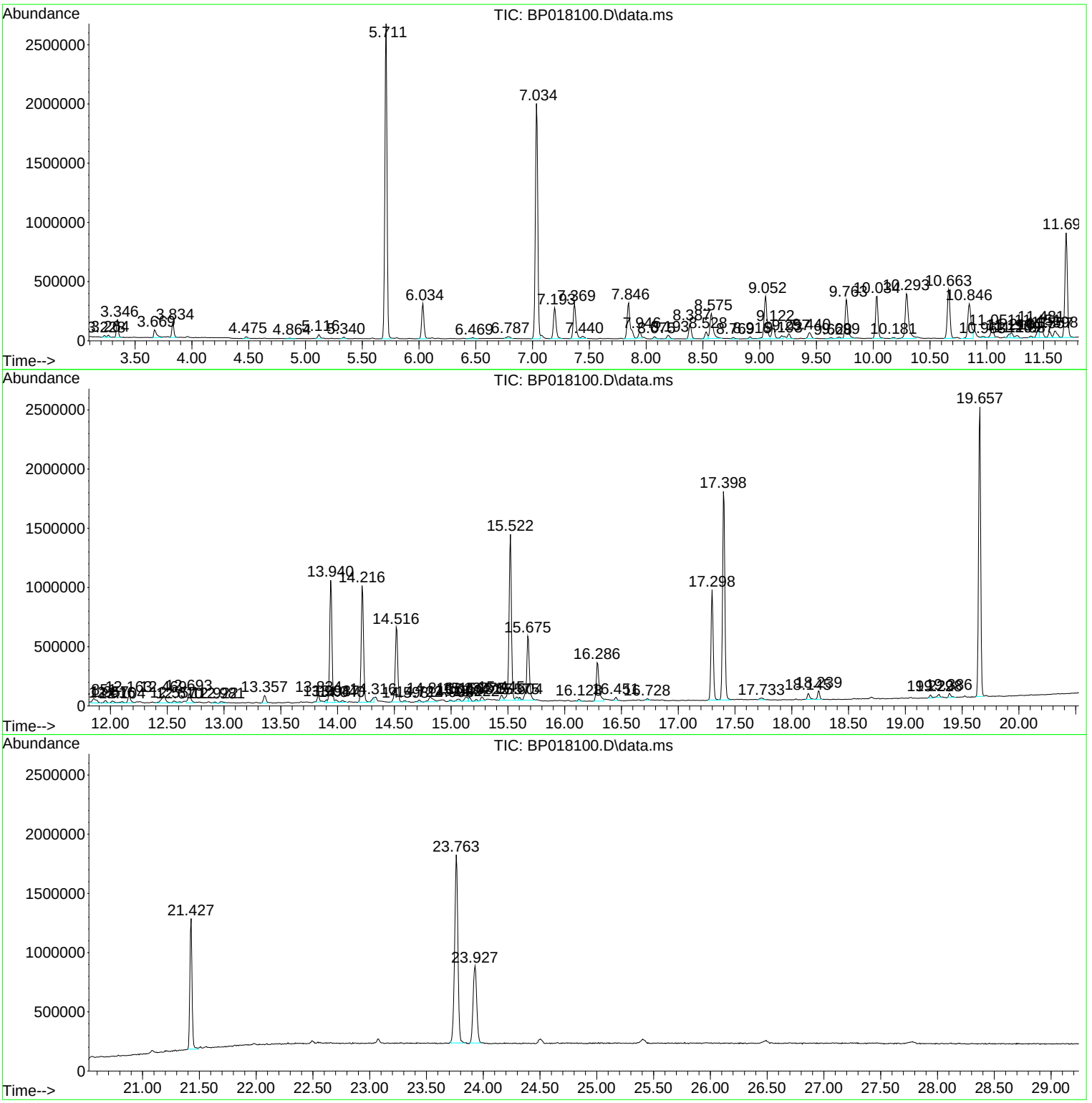
Sum of corrected areas: 38668796

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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 : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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

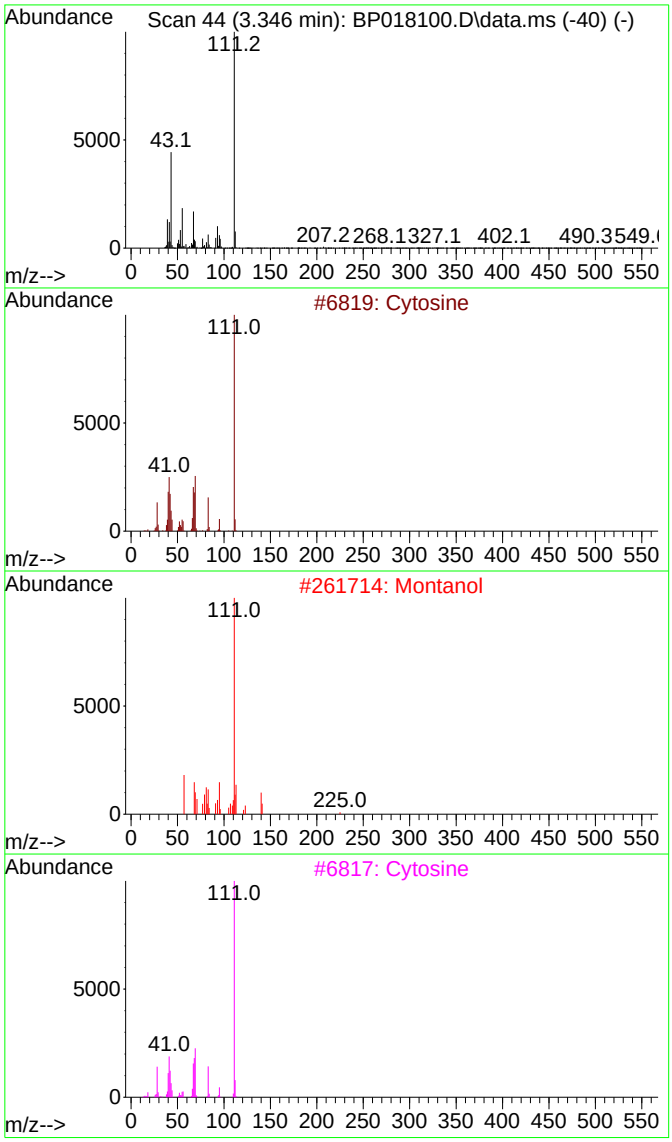
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

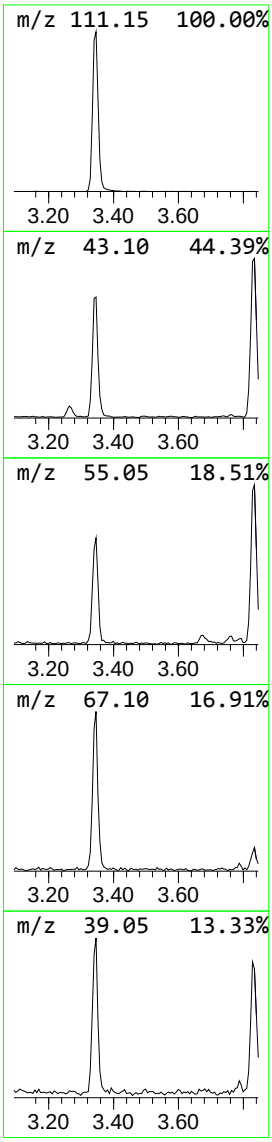
****

Peak Number 1 Cytosine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.346	6.14 ng/ul	179927	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cytosine	111	C4H5N3O	000071-30-7	64
2	Montanol	352	C21H36O4	1010145-58-3	59
3	Cytosine	111	C4H5N3O	000071-30-7	50
4	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	45
5	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

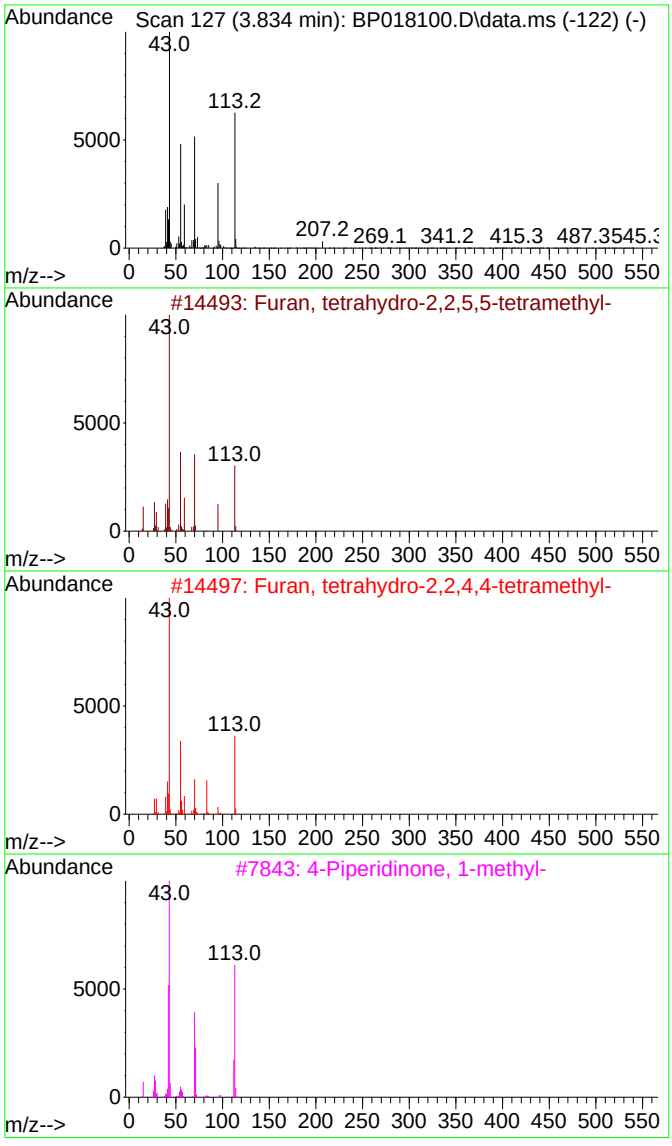
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

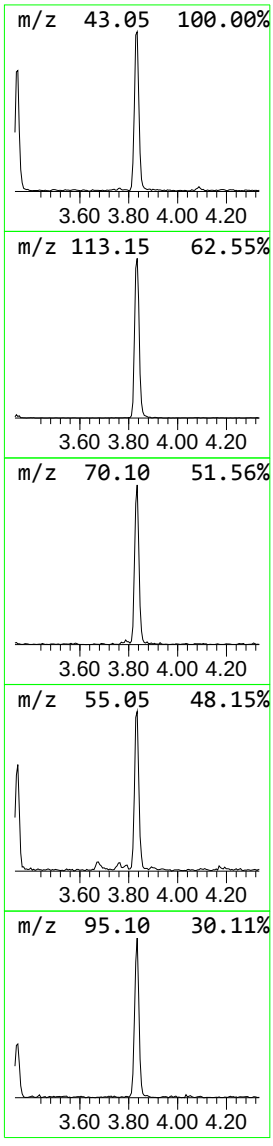
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.834	5.64 ng/ul	165309	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	64
2	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	50
3	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	49
4	1,3,5-Triazine-2,4(1H,3H)-dione	113	C3H3N3O2	000071-33-0	47
5	5,6-Dihydro-6-methyluracil	128	C5H8N2O2	002434-49-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

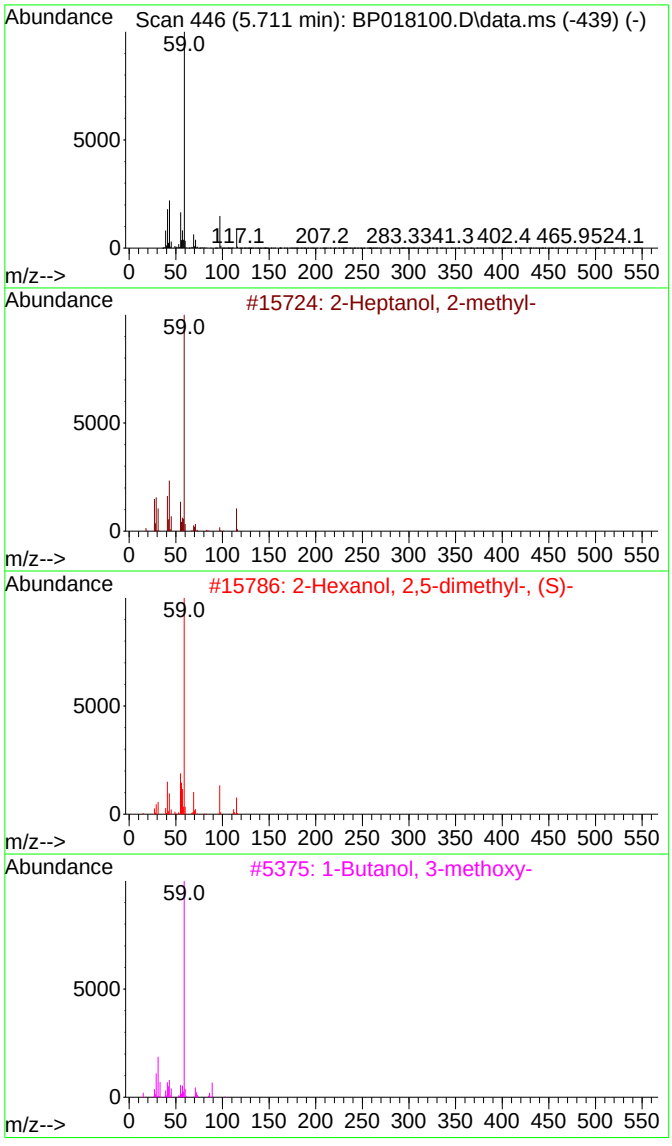
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

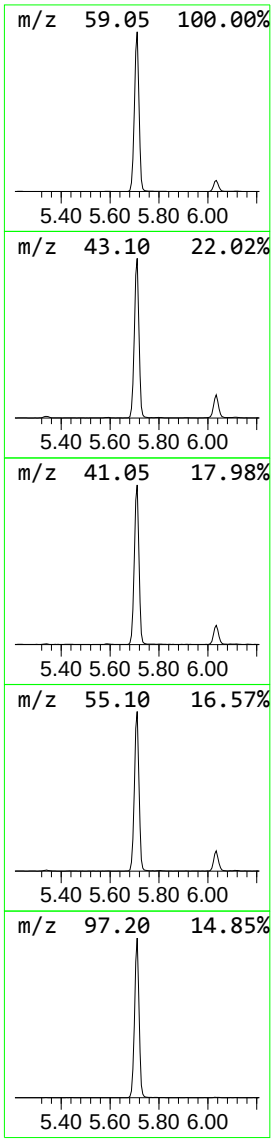
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Heptanol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.711	119.93 ng/ul	3512220	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	78
2	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	64
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	59
4	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	50
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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

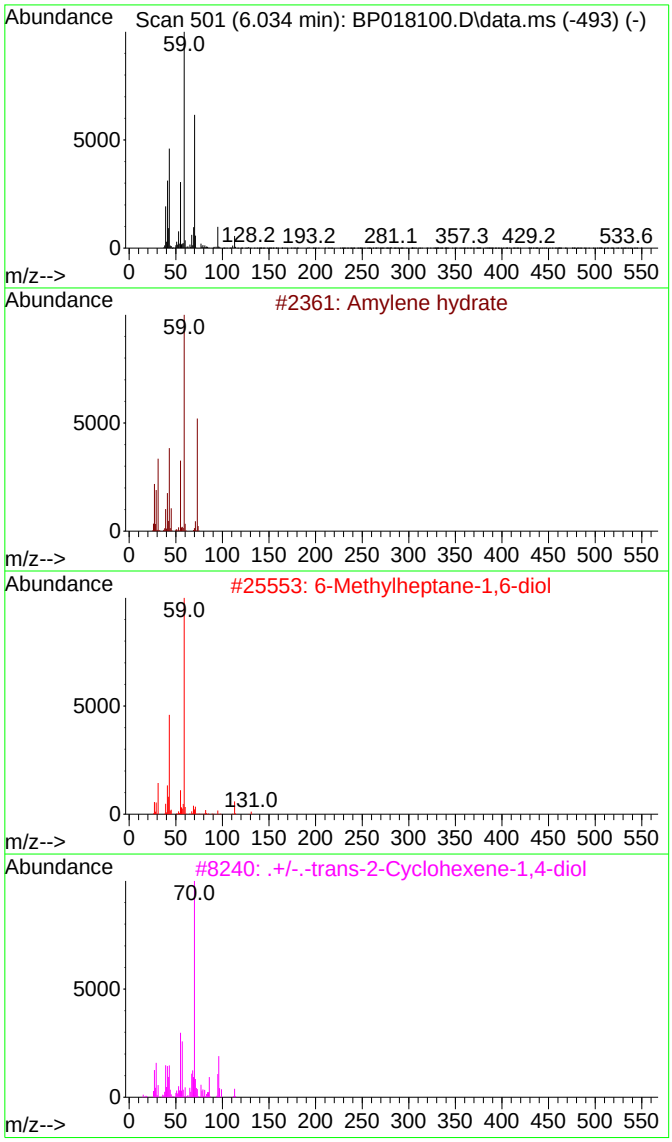
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

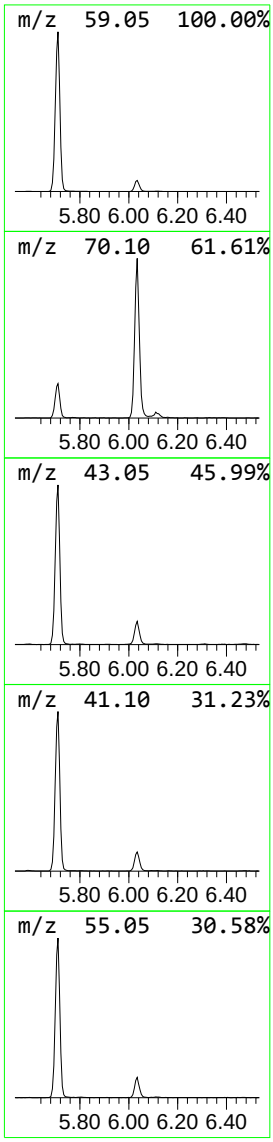
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.034	14.34 ng/ul	420000	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	43
2	6-Methylheptane-1,6-diol	146	C8H18O2	005392-57-4	40
3	.+/-.-trans-2-Cyclohexene-1,4-diol	114	C6H10O2	041513-32-0	35
4	Amylene hydrate	88	C5H12O	000075-85-4	32
5	Amylene hydrate	88	C5H12O	000075-85-4	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

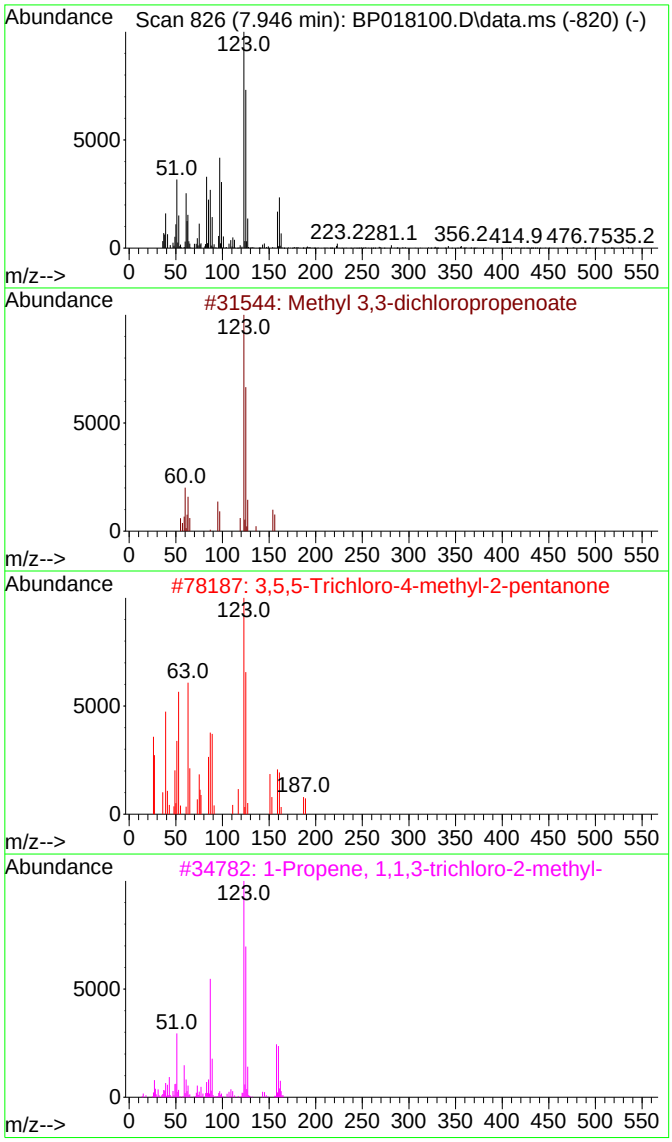
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

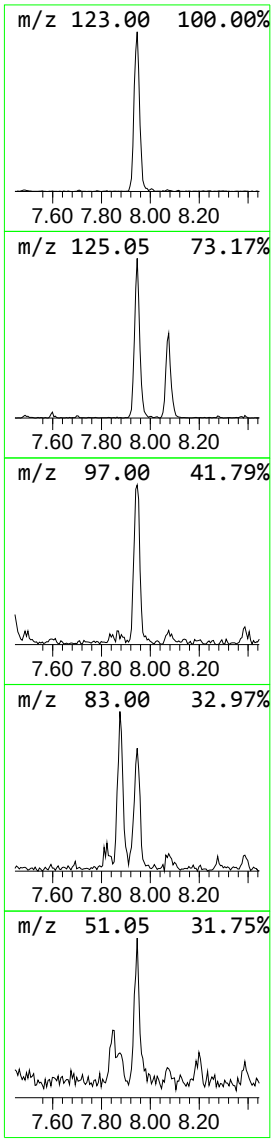
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.946	2.87 ng/ul	84065	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 3,3-dichloropropenoate	154	C4H4Cl2O2	002257-46-7	37
2	3,5,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-6	32
3	1-Propene, 1,1,3-trichloro-2-met...	158	C4H5Cl3	031702-33-7	25
4	4-Heptanone, 1,1,1,7,7,7-hexaflu...	222	C7H8F6O	000332-86-5	22
5	4-Pyridinecarboxaldehyde N-oxide	123	C6H5NO2	007216-42-4	22





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Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

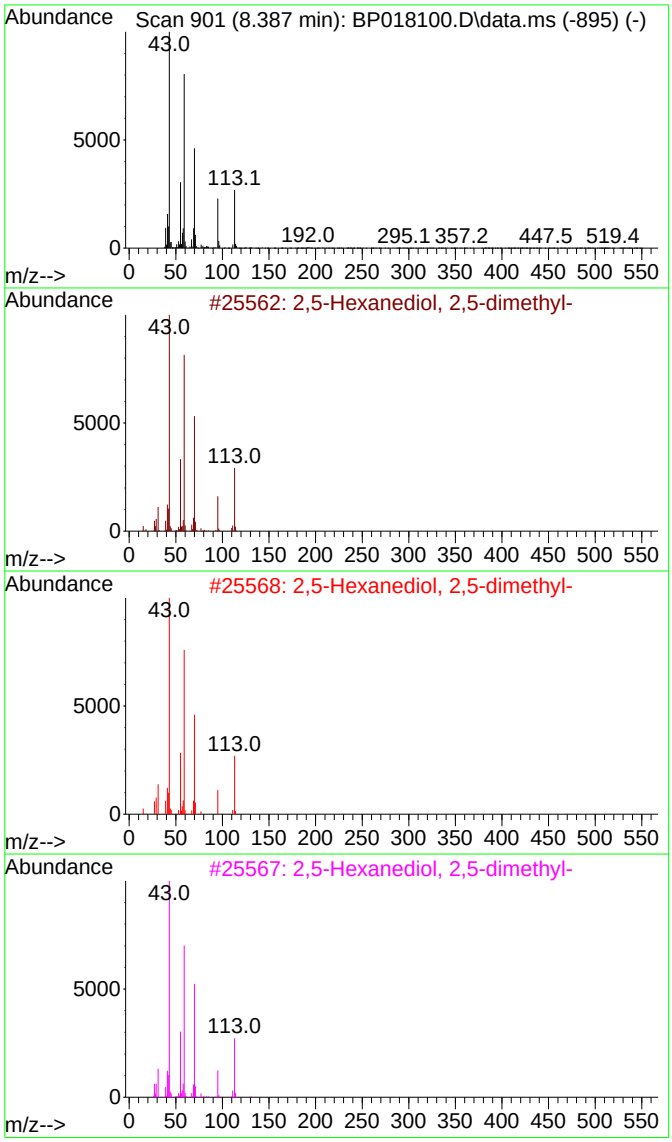
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

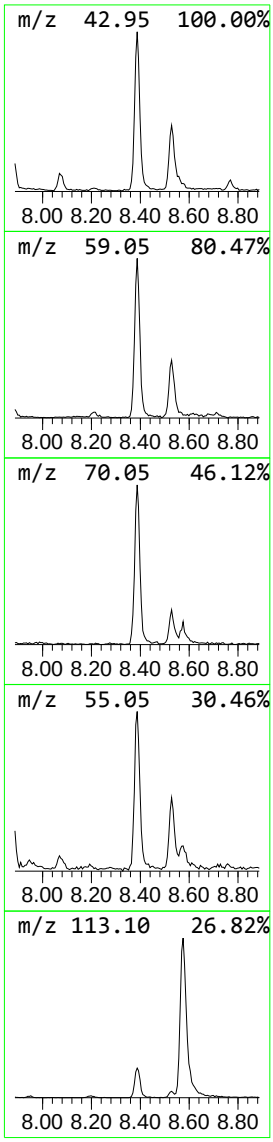
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,5-Hexanediol, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.387	6.81 ng/ul	199574	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	90
2	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	90
3	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	83
4	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	74
5	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	45





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Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

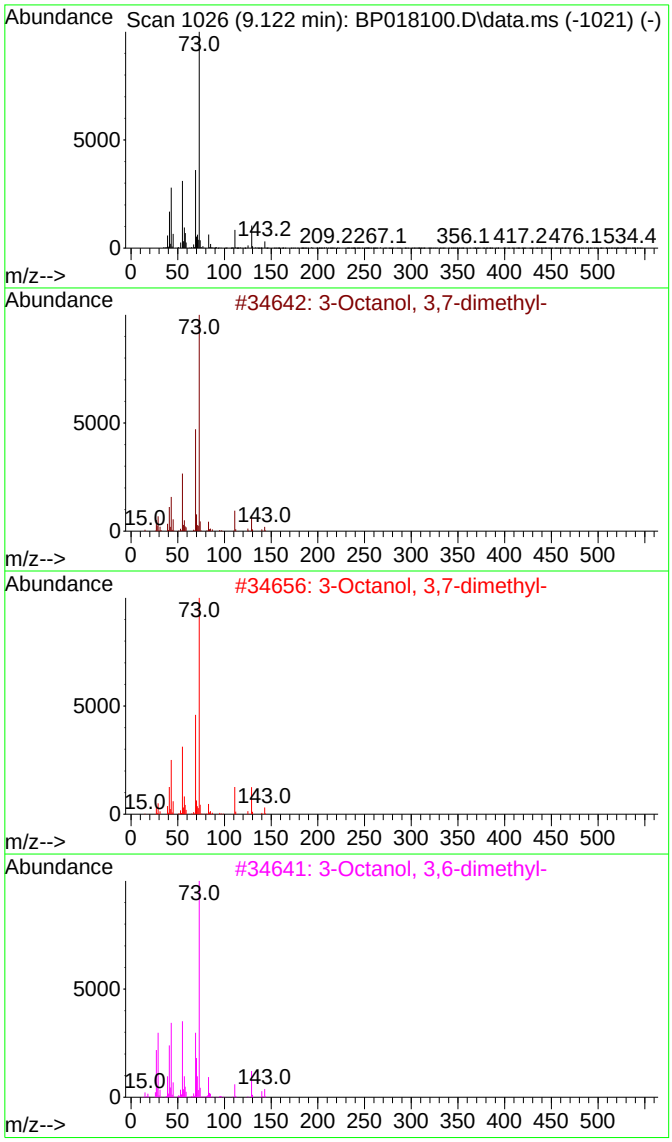
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

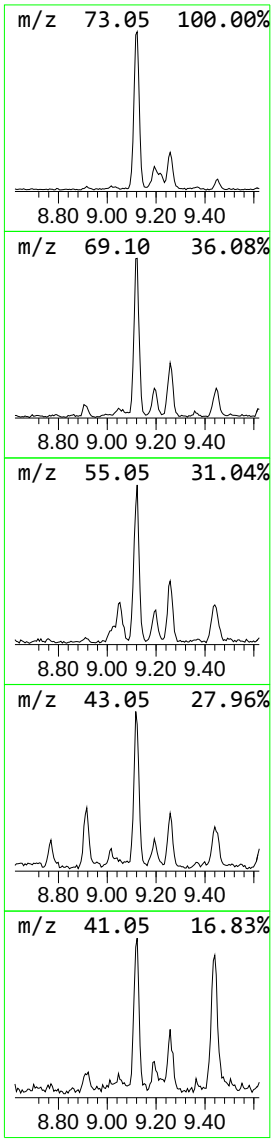
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Octanol, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	6.64 ng/ul	194443	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	74
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	64
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	45
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	37





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Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

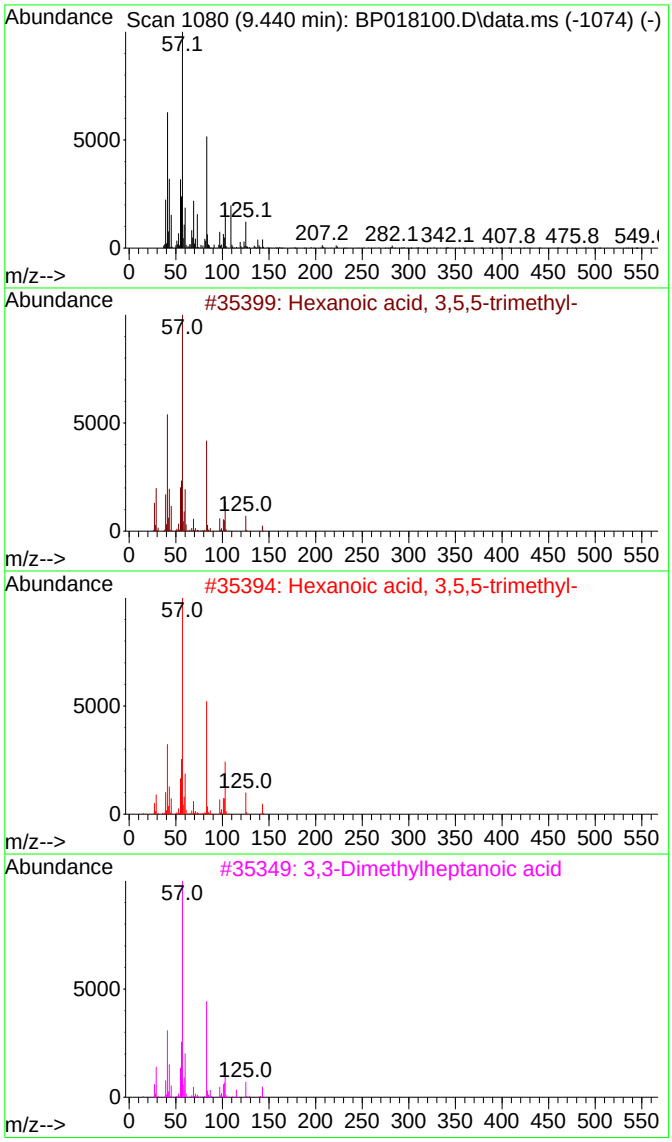
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

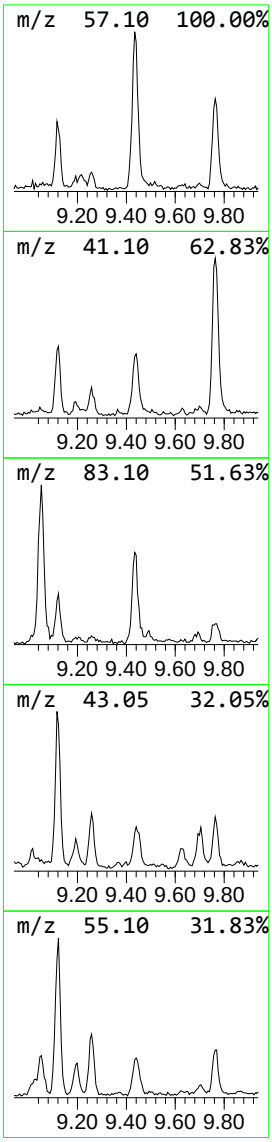
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexanoic acid, 3,5,5-trimet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.440	2.81 ng/ul	95690	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	58
3	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	47
4	Hexanoic acid, 3,5,5-trimethyl-,...	512	C30H56O6	056554-53-1	47
5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	47





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Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

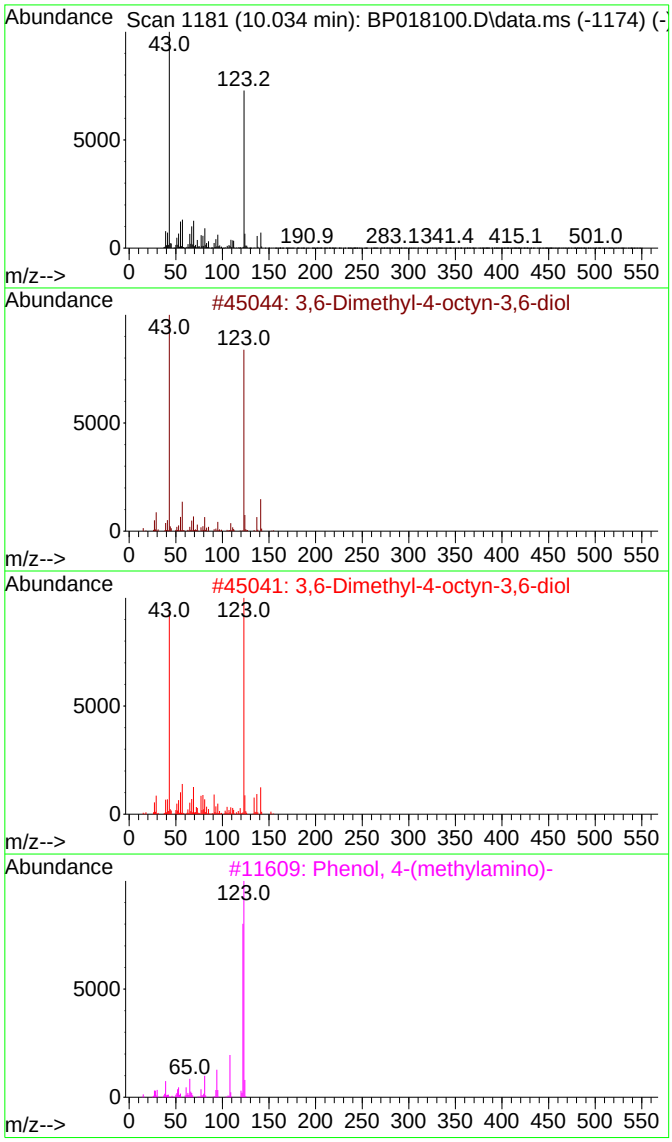
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

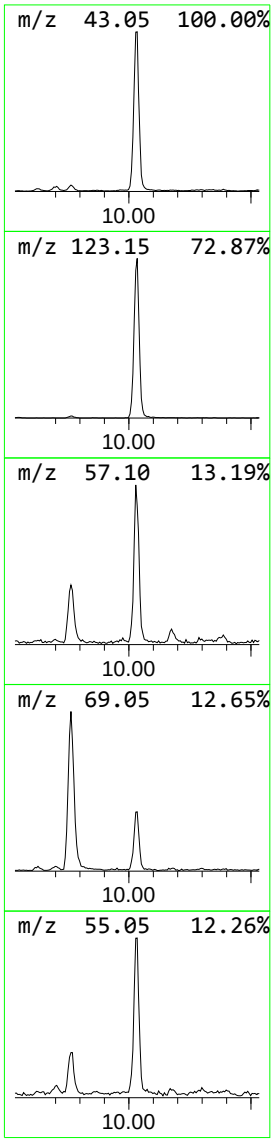
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3,6-Dimethyl-4-octyn-3,6-diol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	16.21 ng/ul	551046	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-4-octyn-3,6-diol	170	C10H18O2	000078-66-0	83
2	3,6-Dimethyl-4-octyn-3,6-diol	170	C10H18O2	000078-66-0	53
3	Phenol, 4-(methylamino)-	123	C7H9NO	000150-75-4	47
4	3-Pyridinol, 2,6-dimethyl-	123	C7H9NO	001122-43-6	47
5	5-Amino-1,3,3-trimethylcyclohexa...	462	C16H20F10N2O2	1000454-06-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

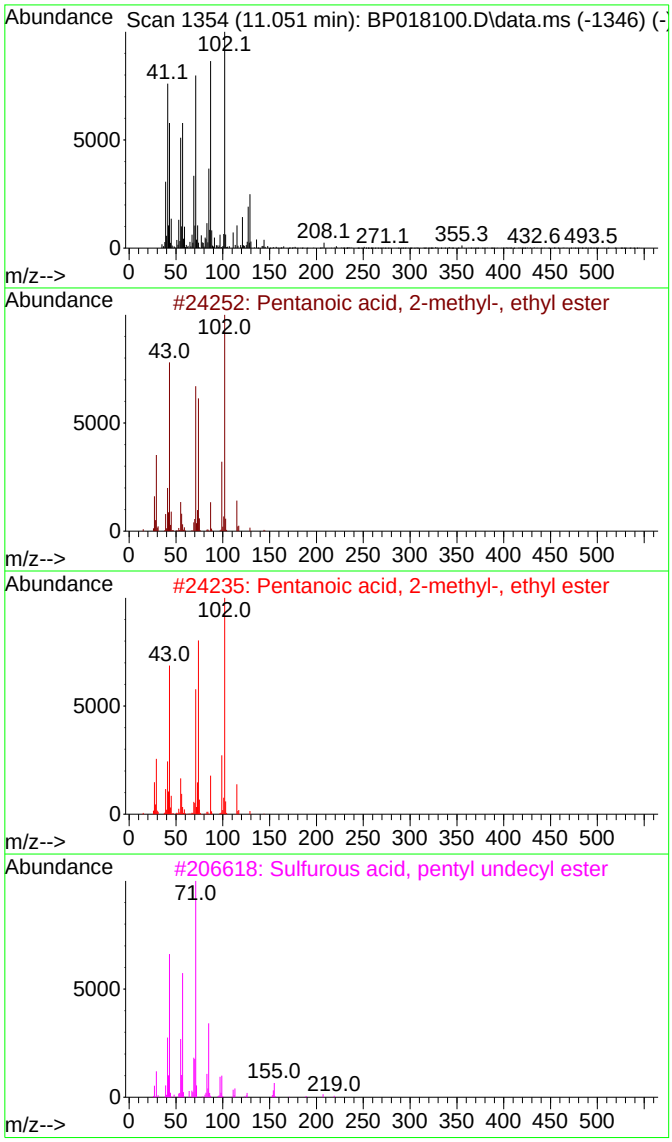
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

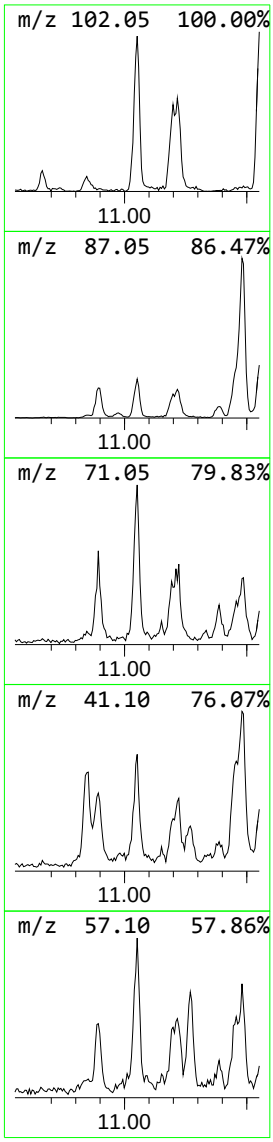
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.052	4.10 ng/ul	139485	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-, ethyl...	144	C8H16O2	039255-32-8	27
2	Pentanoic acid, 2-methyl-, ethyl...	144	C8H16O2	039255-32-8	27
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	14
4	1,6-Anhydro-2,3-dideoxy-.beta.-D...	130	C6H10O3	039682-47-8	14
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	412	C18H36O10	1000351-92-6	14





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Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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

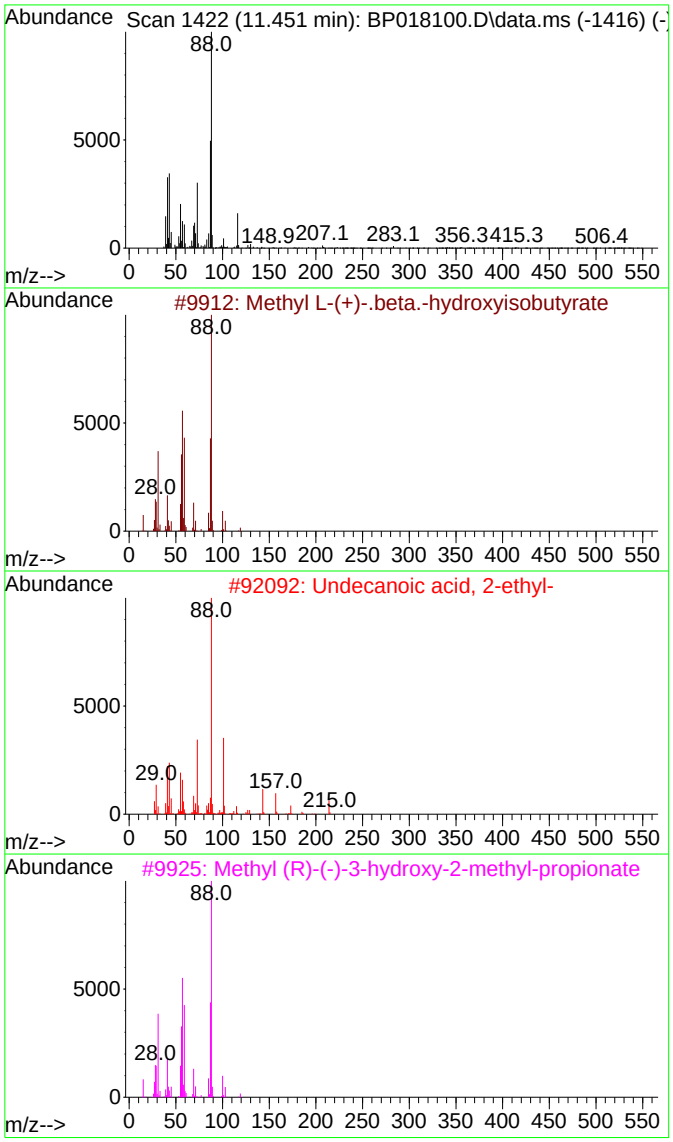
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

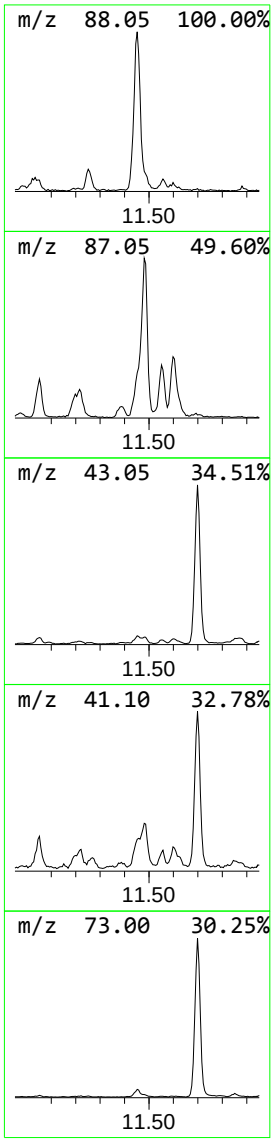
****

Peak Number 11 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	3.76 ng/ul	127673	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	38
2	Undecanoic acid, 2-ethyl-	214	C13H26O2	045158-84-7	38
3	Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	38
4	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	37
5	Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	36





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Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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

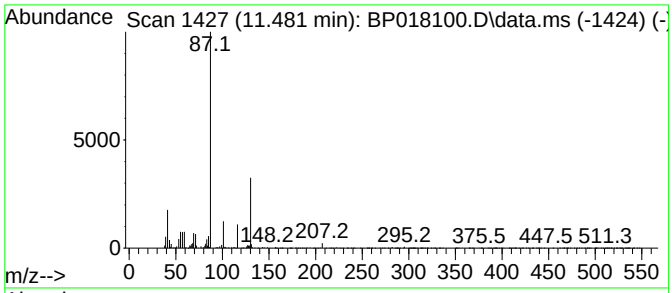
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

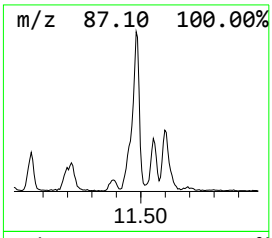
****

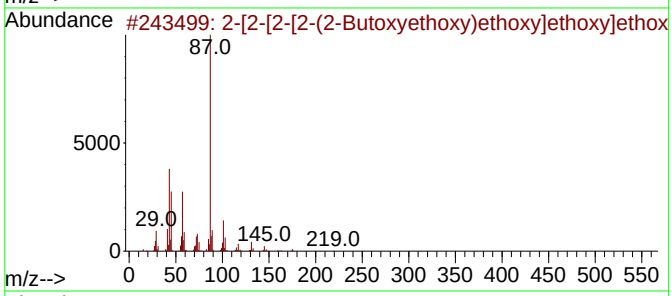
Peak Number 12 unknown-05 Concentration Rank 10

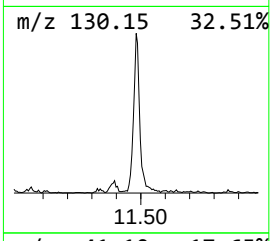
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.481	5.29 ng/ul	179993	Naphthalene-d8	10.663

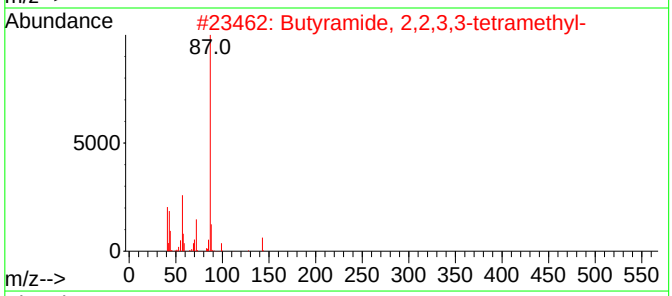
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-(2-Butoxyethoxy)ethox...	336	C16H32O7	1000351-94-0	36
2	Butyramide, 2,2,3,3-tetramethyl-	143	C8H17NO	098486-62-5	33
3	1,3-Dioxolane-2-pentanol, 2-methyl-	174	C9H18O3	036651-23-7	28
4	4-(4-Chloro-2-methylphenoxy)buty...	410	C24H39ClO3	1000415-08-9	25
5	Heptanoic acid, 2-propyl-, methy...	186	C11H22O2	056247-53-1	23

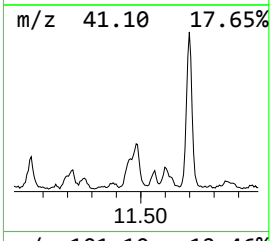


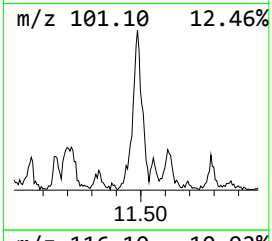


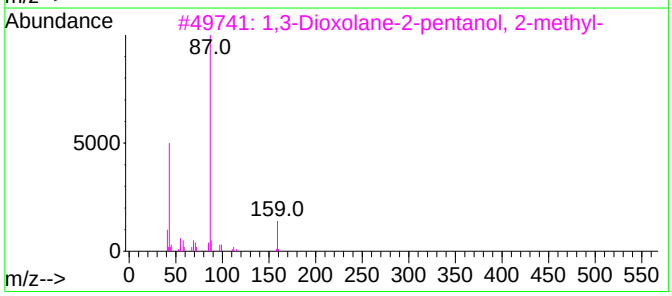


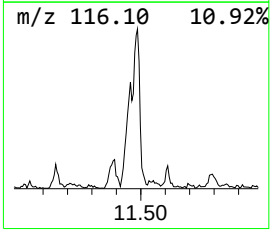












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Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

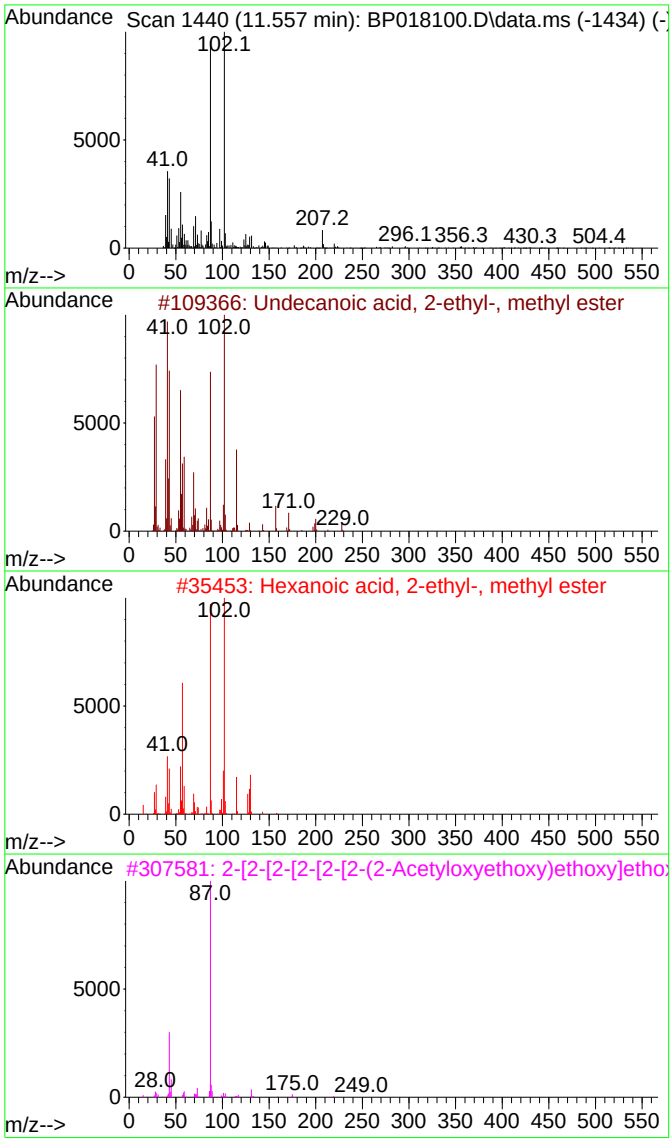
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

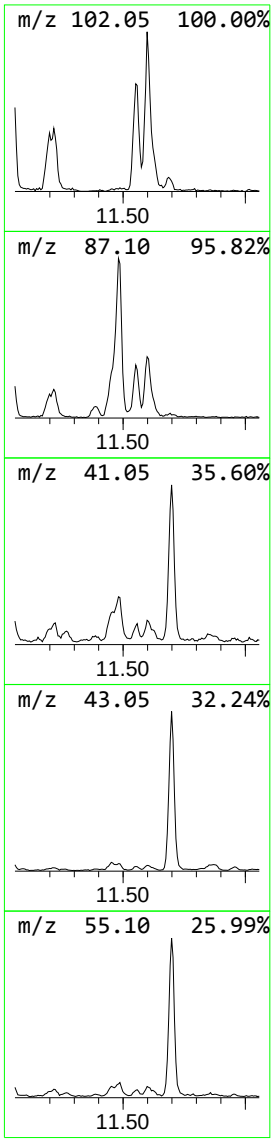
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Undecanoic acid, 2-ethyl-, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	2.48 ng/ul	84246	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 2-ethyl-, methy...	228	C14H28O2	074810-60-9	56
2	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	56
3	2-[2-[2-[2-[2-[2-(2-Acetyloxyeth...	410	C18H34O10	1000351-90-7	35
4	4-Nonanol, 4-methyl-	158	C10H22O	023418-38-4	35
5	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	035007-52-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 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

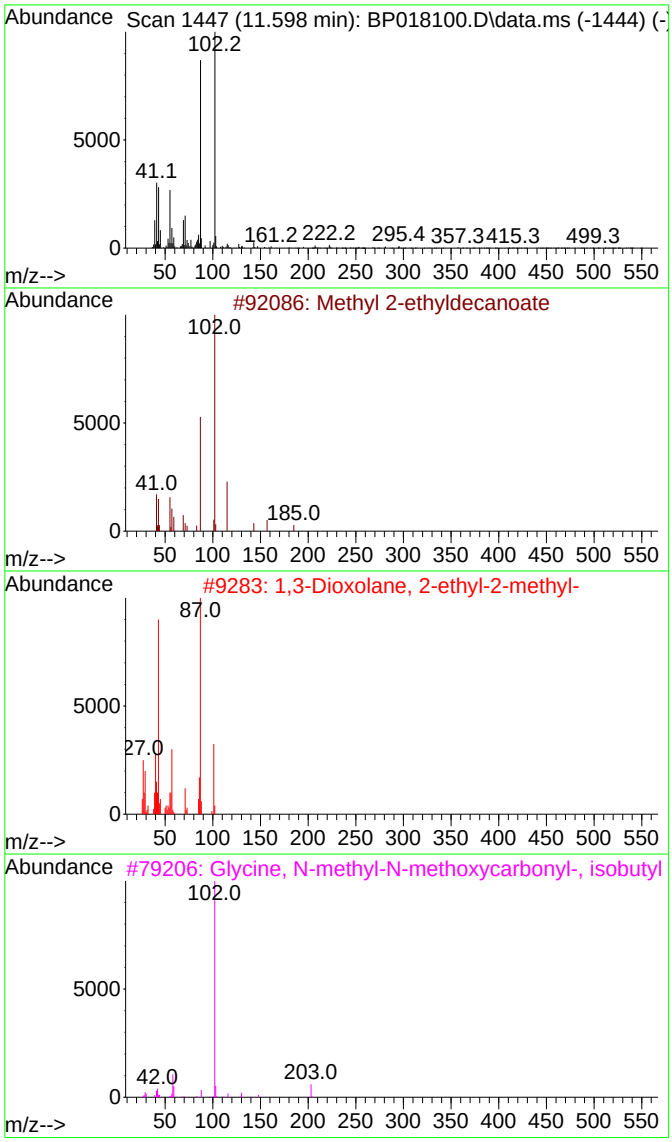
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

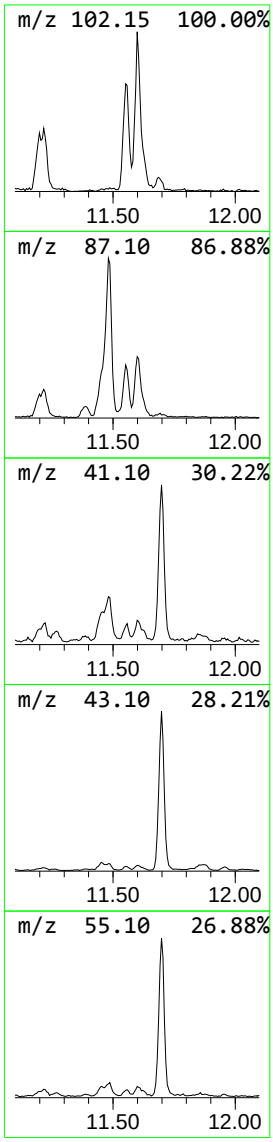
****

Peak Number 14 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.599	3.44 ng/ul	117007	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-ethyldecanoate	214	C13H26O2	020483-47-0	40
2	1,3-Dioxolane, 2-ethyl-2-methyl-	116	C6H12O2	000126-39-6	38
3	Glycine, N-methyl-N-methoxycarbo...	203	C9H17NO4	1000320-60-3	38
4	1,3-Dioxolane-2-propanol, 2-meth...	188	C9H16O4	029021-95-2	35
5	Diazene, butyl[1-(2,2-dimethylhy...	172	C8H20N4	061940-95-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
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Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

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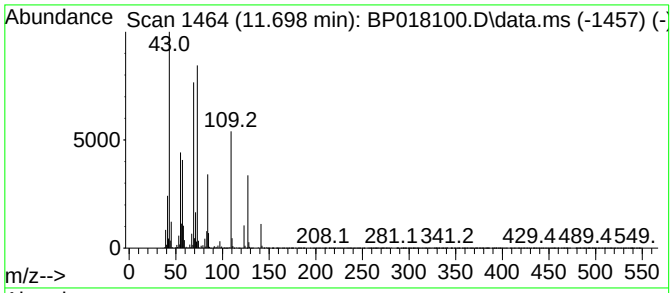
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

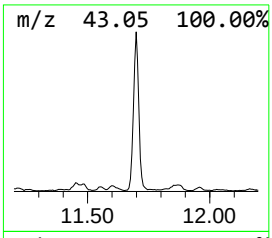
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

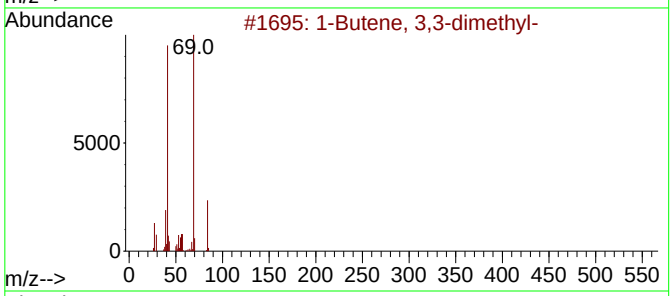
****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

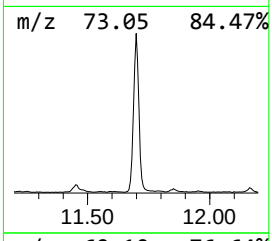
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	40.31 ng/ul	1370550	Naphthalene-d8	10.663

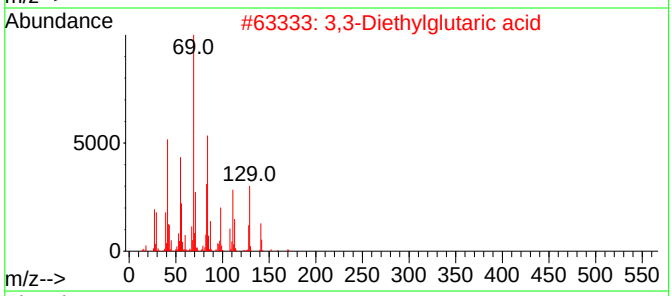
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38
2	3,3-Diethylglutaric acid	188	C9H16O4	004160-95-6	37
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	35
4	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	35
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	35

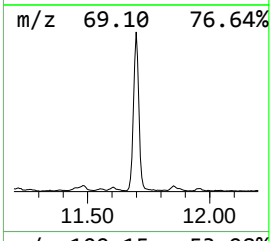


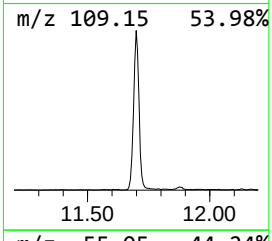


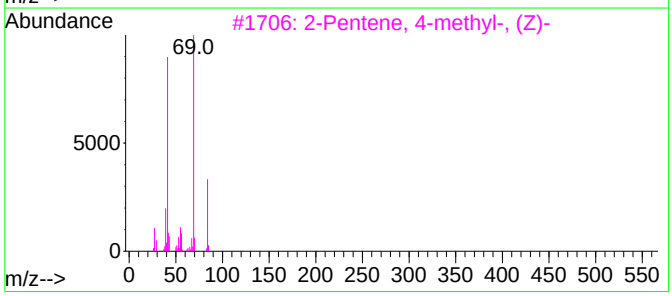


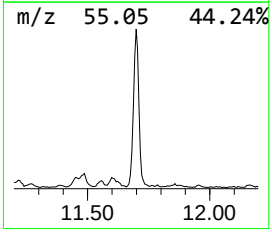












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Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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

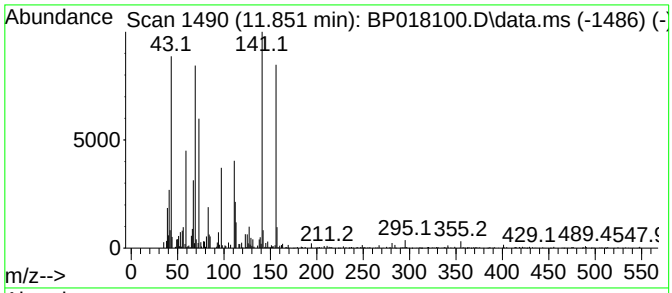
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

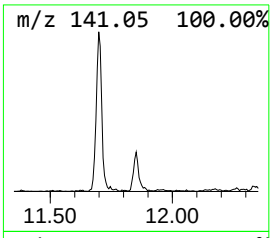
****

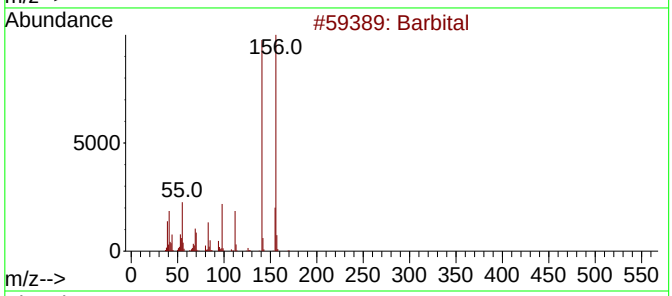
Peak Number 16 unknown-07 Concentration Rank 19

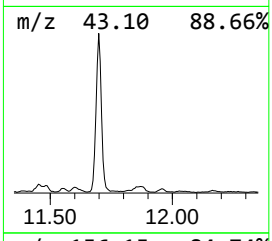
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.77 ng/ul	94260	Naphthalene-d8	10.663

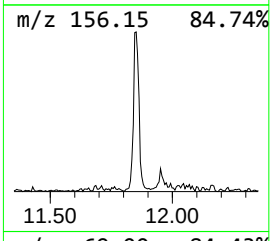
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Barbital	184	C8H12N2O3	000057-44-3	38
2	Barbital	184	C8H12N2O3	000057-44-3	35
3	4-(Methylthio)thiophenol	156	C7H8S2	001122-97-0	35
4	Barbital	184	C8H12N2O3	000057-44-3	35
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	35

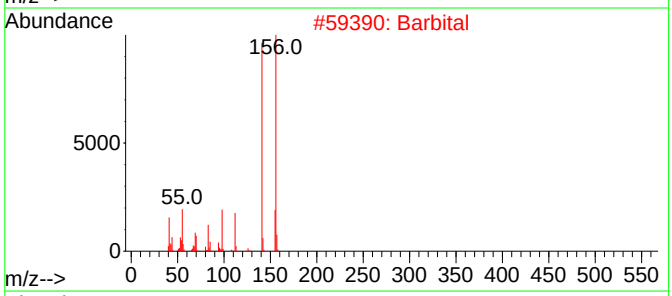


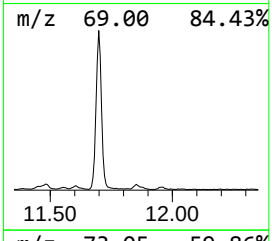


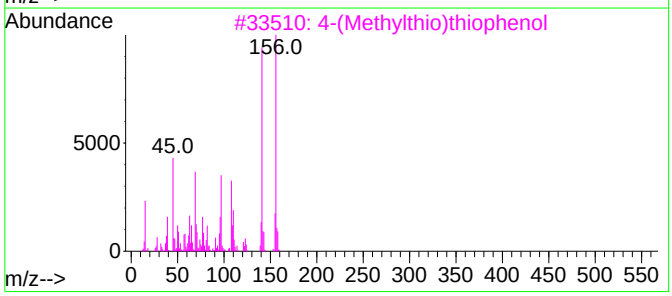


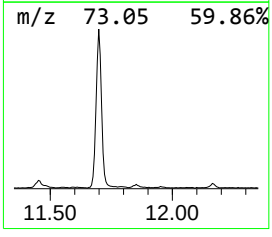












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

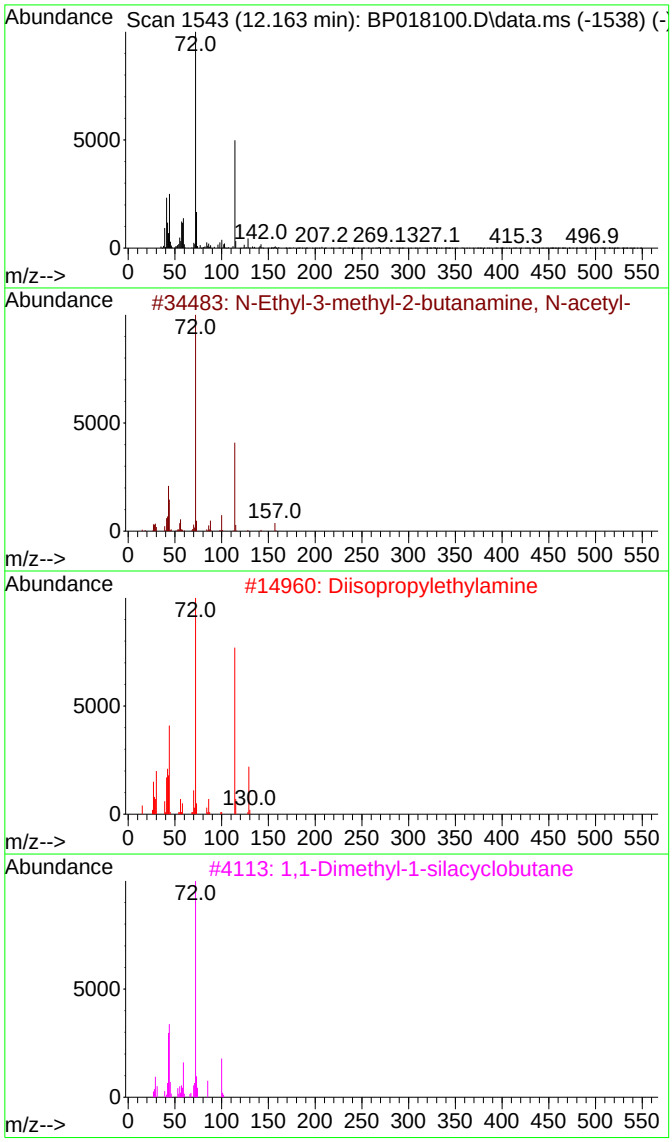
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

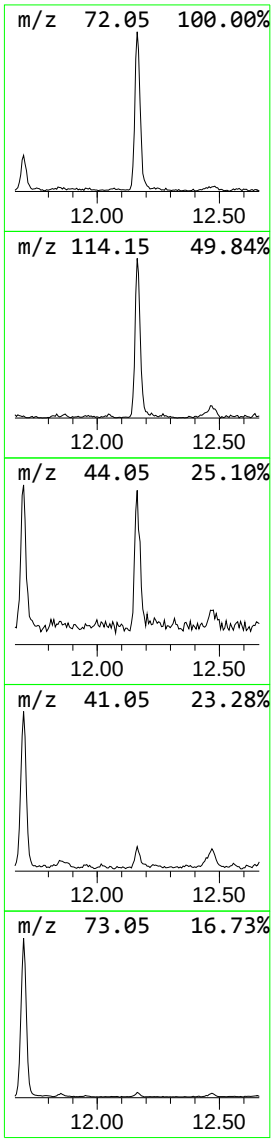
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 N-Ethyl-3-methyl-2-butanami... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	2.98 ng/ul	101238	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethyl-3-methyl-2-butanamine, N...	157	C9H19NO	1849351-93-4	59
2	Diisopropylethylamine	129	C8H19N	007087-68-5	59
3	1,1-Dimethyl-1-silacyclobutane	100	C5H12Si	002295-12-7	50
4	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	50
5	Acetamide, N-propyl-N-hexyl-	185	C11H23NO	1000438-05-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

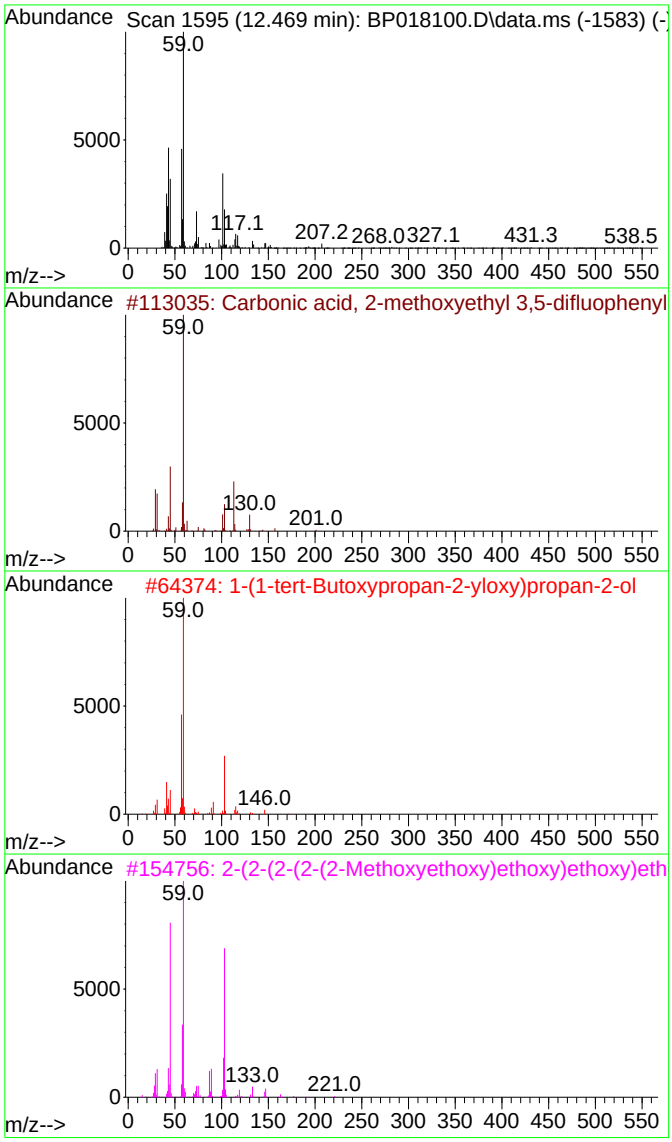
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

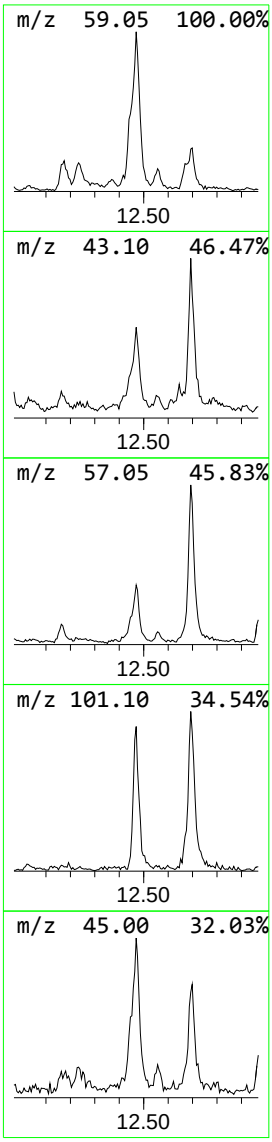
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Carbonic acid, 2-methoxyeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.84 ng/ul	164638	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, 2-methoxyethyl 3,...	232	C10H10F2O4	1000357-86-6	50
2	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	50
3	2-(2-(2-(2-Methoxyethoxy)etho...	266	C11H22O7	016024-66-1	50
4	Glycine, N-(2-methoxyethoxycarbo...	235	C9H17NO6	1000328-06-4	47
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	47





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Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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

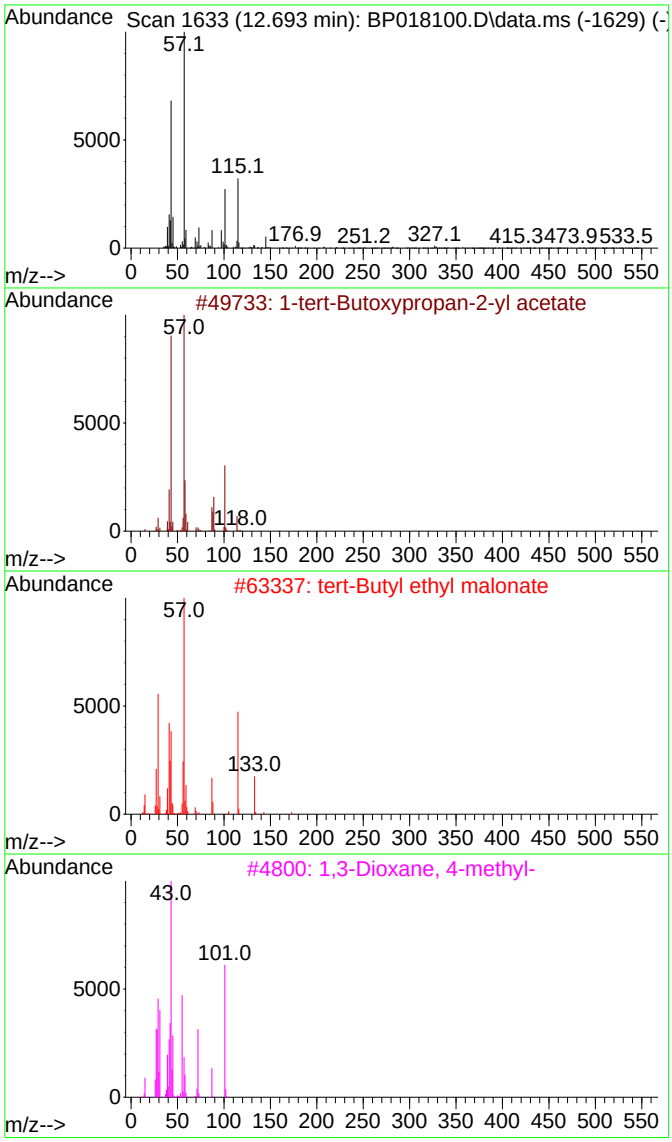
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

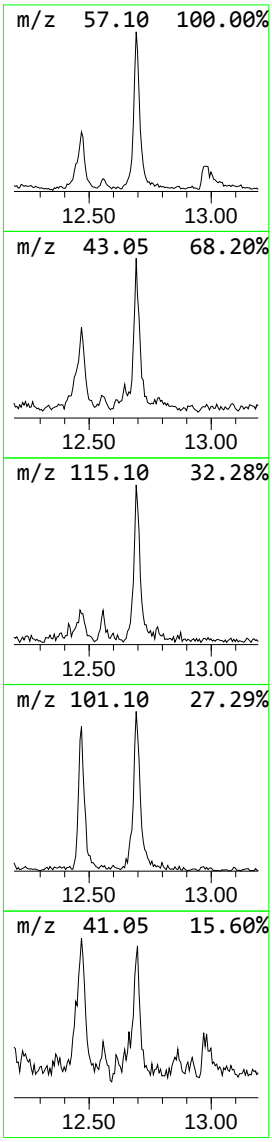
****

Peak Number 19 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.693	2.86 ng/ul	138661	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxypropan-2-yl acetate	174	C9H18O3	1000367-07-9	32
2	tert-Butyl ethyl malonate	188	C9H16O4	093117-74-9	16
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	14
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	14
5	2,3:5,6-Diacetone-4-O-methylmann...	276	C13H24O6	1000130-08-7	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

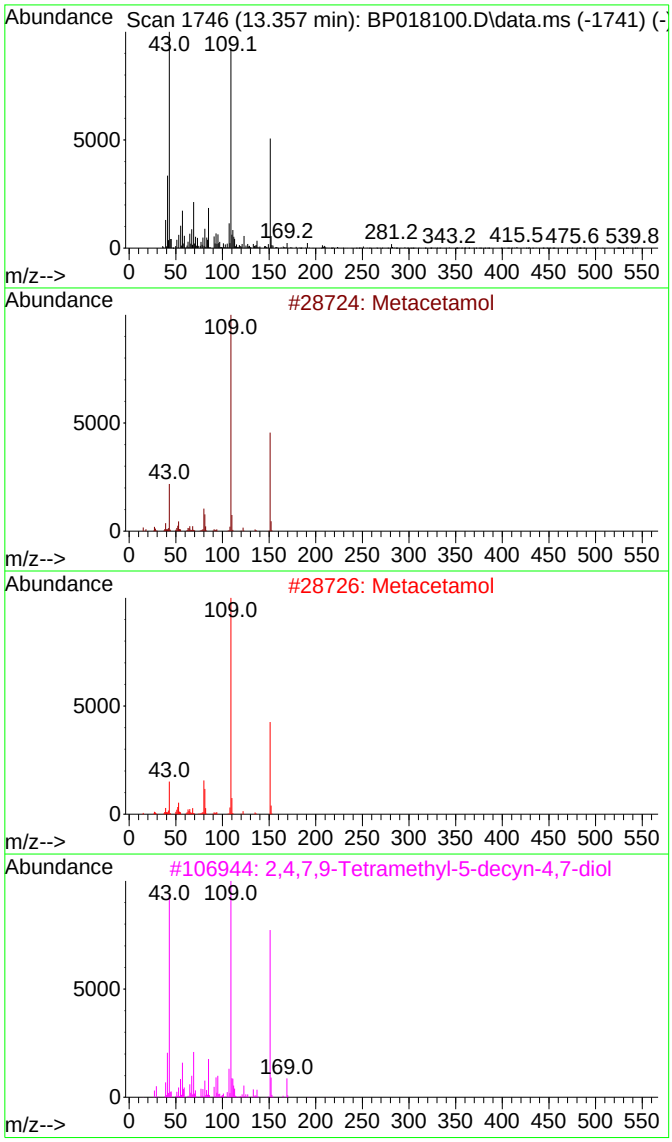
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

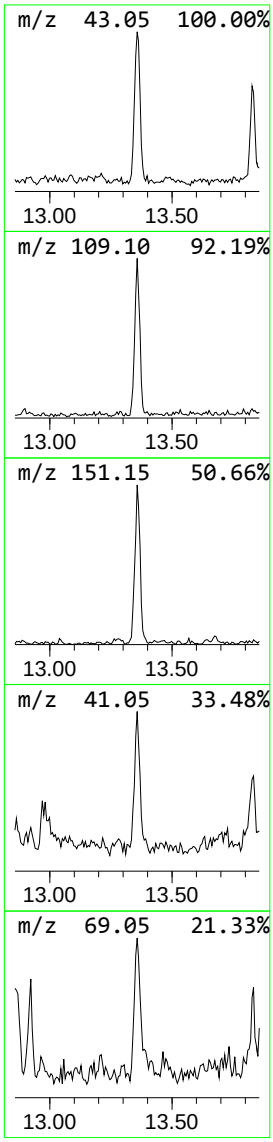
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Metacetamol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	2.06 ng/ul	100097	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	64
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
4	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	43
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

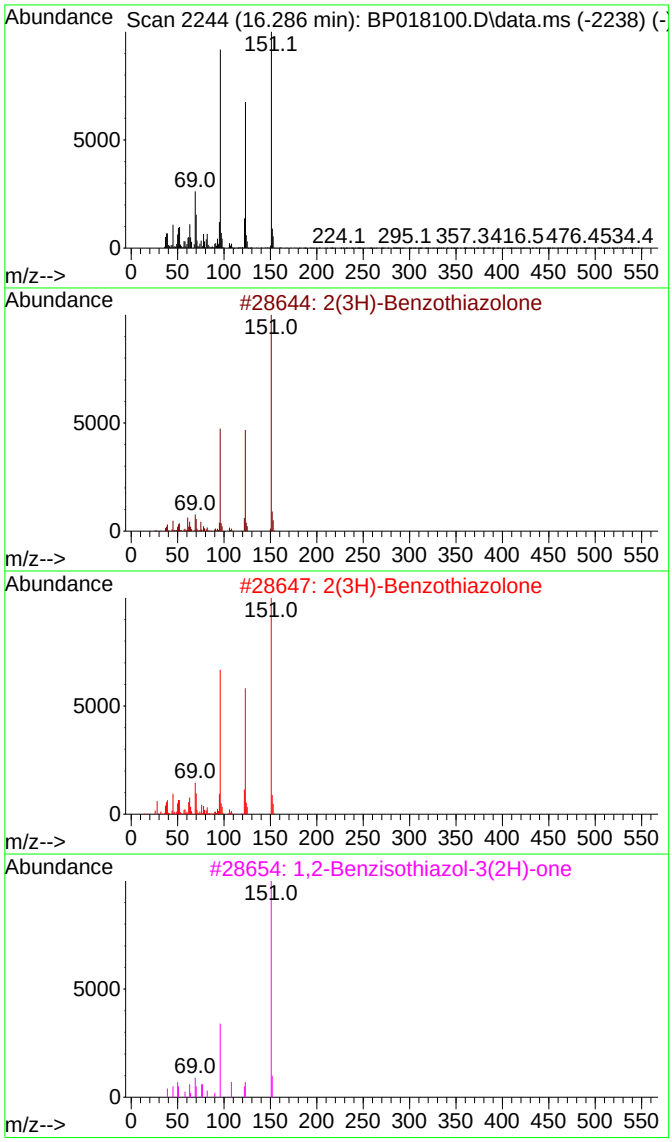
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

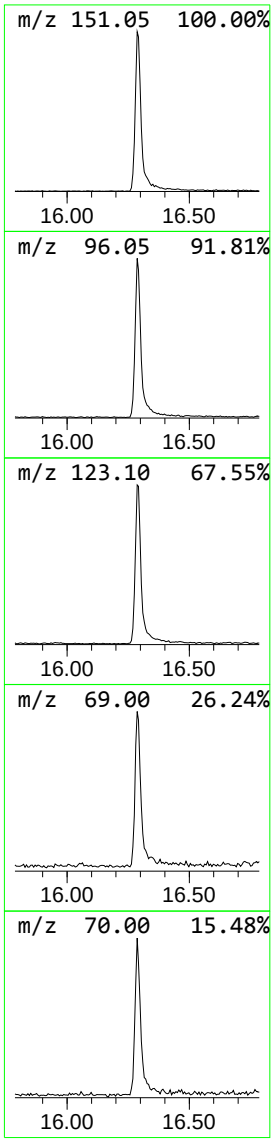
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2(3H)-Benzothiazolone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	8.95 ng/ul	565517	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	81
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	64
4	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	52
5	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018100.D
Acq On : 12 Nov 2023 12:07
Operator : MA/JU
Sample : 05158-09
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH322

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
Cytosine	3.346	6.1	ng/ul	179927	1	7.846	585736	20.0
Furan, tetrahyd...	3.834	5.6	ng/ul	165309	1	7.846	585736	20.0
2-Heptanol, 2-m...	5.711	119.9	ng/ul	3512220	1	7.846	585736	20.0
unknown-01	6.034	14.3	ng/ul	420000	1	7.846	585736	20.0
unknown-02	7.946	2.9	ng/ul	84065	1	7.846	585736	20.0
2,5-Hexanediol,...	8.387	6.8	ng/ul	199574	1	7.846	585736	20.0
3-Octanol, 3,7-...	9.122	6.6	ng/ul	194443	1	7.846	585736	20.0
Hexanoic acid, ...	9.440	2.8	ng/ul	95690	2	10.663	679957	20.0
3,6-Dimethyl-4-...	10.034	16.2	ng/ul	551046	2	10.663	679957	20.0
unknown-03	11.052	4.1	ng/ul	139485	2	10.663	679957	20.0
unknown-04	11.451	3.8	ng/ul	127673	2	10.663	679957	20.0
unknown-05	11.481	5.3	ng/ul	179993	2	10.663	679957	20.0
Undecanoic acid...	11.557	2.5	ng/ul	84246	2	10.663	679957	20.0
unknown-06	11.599	3.4	ng/ul	117007	2	10.663	679957	20.0
(DEL) Alkane: S...	11.698	40.3	ng/ul	1370550	2	10.663	679957	20.0
unknown-07	11.851	2.8	ng/ul	94260	2	10.663	679957	20.0
N-Ethyl-3-methy...	12.163	3.0	ng/ul	101238	2	10.663	679957	20.0
Carbonic acid, ...	12.469	4.8	ng/ul	164638	2	10.663	679957	20.0
unknown-08	12.693	2.9	ng/ul	138661	3	14.516	969575	20.0
Metacetamol	13.357	2.1	ng/ul	100097	3	14.516	969575	20.0
2(3H)-Benzothia...	16.287	8.9	ng/ul	565517	4	17.298	1264150	20.0