LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	19	rVB	730815	920922	7.61%	0.782%
2	3.164	43	47	48	rVV2	91708	104324	0.86%	0.089%
3	3.199	48	53	67	rVB	1547807	2324745	19.22%	1.974%
4	3.970	177	184	188	rVV	350002	477865	3.95%	0.406%
5	4.317	237	243	255	rVB	456406	730578	6.04%	0.620%
6	4.993	349	358	363	rVB	58278	95512	0.79%	0.081%
7	5.928	511	517	525	rVV	108211	187690	1.55%	0.159%
8	6.152	551	555	563	rBV2	50148	87394	0.72%	0.074%
9	6.587	621	629	636	rBV5	80434	178500	1.48%	0.152%
10	6.822	660	669	681	rBV2	277325	574095	4.75%	0.487%
11	6.975	689	695	703	rBV	639985	998561	8.25%	0.848%
12	7.093	710	715	722	rVV	98689	172814	1.43%	0.147%
13	7.175	722	729	737	rVV	786068	1288424	10.65%	1.094%
14	7.246	737	741	746	rVV2	80494	138928	1.15%	0.118%
15	7.634	800	807	814	rBV	1208902	2011148	16.62%	1.708%
16	7.699	814	818	826	rVB3	113970	236600	1.96%	0.201%
17	8.011	865	871	878	rVB2	96370	167855	1.39%	0.143%
18	8.352	922	929	935	rBV	687849	1137444	9.40%	0.966%
19	8.522	953	958	966	rBV4	62070	159761	1.32%	0.136%
20	8.616	966	974	981	rBV	7129599	12098429	100.00%	10.272%
21	8.734	989	994	997	rBV2	243936	390000	3.22%	0.331%
22	8.781	997	1002	1012	rVV	684033	1198771	9.91%	1.018%
23	8.987	1033	1037	1043	rVB6	97096	178027	1.47%	0.151%
24	9.140	1056	1063	1068	rBV4	172855	331545	2.74%	0.281%
25	9.269	1075	1085	1090	rBV	240983	474457	3.92%	0.403%
26	9.316	1090	1093	1098	rVB3	64346	87125	0.72%	0.074%
27	9.499	1118	1124	1131	rBV	614728	1100569	9.10%	0.934%
28	9.628	1138	1146	1150	rBV3	167032	316356	2.61%	0.269%
29	9.675	1150	1154	1161	rVB	225435	371875	3.07%	0.316%
30	9.828	1170	1180	1188	rBV8	121454	269381	2.23%	0.229%
31	9.910	1188	1194	1196	rBV5	70006	123861	1.02%	0.105%
32	9.958	1196	1202	1209	rVB	405807	797643	6.59%	0.677%
33	10.040	1209	1216	1221	rBV	1168527	2107263	17.42%	1.789%
34	10.199	1237	1243	1252	rBV5	128317	322294	2.66%	0.274%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	10.316	1258	1263	1272	rBV4	107081	239124	1.98%	0.203%
36	10.410	1272	1279	1285	rVV	1588506	2721827	22.50%	2.311%
37	10.463	1285	1288	1292	rVV5	113248	162571	1.34%	0.138%
38	10.540	1292	1301	1314	rVB2	915743	2274110	18.80%	1.931%
39	10.658	1314	1321	1324	rBV6	64184	166053	1.37%	0.141%
40	10.705	1325	1329	1336	rVB4	73321	162275	1.34%	0.138%
41	10.881	1353	1359	1369	rBV5	66761	182361	1.51%	0.155%
42	11.005	1375	1380	1383	rBV5	57785	121956	1.01%	0.104%
43	11.057	1385	1389	1393	rVV4	101851	221440	1.83%	0.188%
44	11.110	1394	1398	1405	rVB4	112694	213530	1.76%	0.181%
45	11.246	1412	1421	1426	rBV8	139937	449702	3.72%	0.382%
46	11.363	1436	1441	1446	rBV8	75759	176565	1.46%	0.150%
47	11.416	1448	1450	1456	rVV3	109141	169085	1.40%	0.144%
48	11.481	1459	1461	1467	rVB4	86984	129306	1.07%	0.110%
49	11.610	1479	1483	1489	rBV2	140705	241058	1.99%	0.205%
50	11.769	1504	1510	1516	rVB	386915	662244	5.47%	0.562%
51	11.916	1528	1535	1542	rBV	1760747	2914824	24.09%	2.475%
52	11.987	1542	1547	1548	rBV3	130283	192320	1.59%	0.163%
53	12.016	1549	1552	1559	rVB2	349786	626548	5.18%	0.532%
54	12.128	1567	1571	1576	rBV4	131699	214985	1.78%	0.183%
55	12.299	1596	1600	1604	rVB3	94047	131420	1.09%	0.112%
56	12.416	1616	1620	1632	rVB	197268	359298	2.97%	0.305%
57	12.516	1632	1637	1641	rBV2	94731	137790	1.14%	0.117%
58	13.128	1736	1741	1747	rVB3	242185	468309	3.87%	0.398%
59	13.193	1747	1752	1766	rBV2	291920	618810	5.11%	0.525%
60	13.310	1767	1772	1778	rBV4	203300	383867	3.17%	0.326%
61	13.375	1779	1783	1789	rVV3	66147	108915	0.90%	0.092%
62	13.687	1831	1836	1840	rBV	1939246	2605788	21.54%	2.212%
63	13.734	1840	1844	1849	rVB	993053	1268571	10.49%	1.077%
64	13.875	1865	1868	1873	rVB5	100752	140194	1.16%	0.119%
65	13.963	1876	1883	1899	rVB	2156538	3770927	31.17%	3.202%
66	14.104	1900	1907	1912	rBV2	227670	499122	4.13%	0.424%
67	14.157	1913	1916	1918	rVV3	102545	139319	1.15%	0.118%
68	14.198	1918	1923	1929	rVB	511754	763318	6.31%	0.648%
69	14.275	1930	1936	1942	rBV	2437517	3496739	28.90%	2.969%
70	15.028	2060	2064	2067	rBV	368676	513193	4.24%	0.436%
71	15.269	2100	2105	2113	rVB	2745469	3944624	32.60%	3.349%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	15.393	2122	2126	2130	rBV	212129	291473	2.41%	0.247%
73	15.434	2130	2133	2142	rVB5	154408	308703	2.55%	0.262%
74	15.528	2144	2149	2154	rBV5	365185	676866	5.59%	0.575%
75	15.793	2188	2194	2203	rVB	2936237	4146130	34.27%	3.520%
76	15.969	2217	2224	2229	rBV	1490439	2439691	20.17%	2.071%
77	16.122	2247	2250	2254	rVB	184420	217456	1.80%	0.185%
78	16.175	2257	2259	2273	rVB5	123688	262323	2.17%	0.223%
79	16.304	2275	2281	2288	rBV	1950586	2854070	23.59%	2.423%
80	16.581	2324	2328	2334	rVB	248353	352120	2.91%	0.299%
81	16.640	2335	2338	2344	rBV5	120035	178253	1.47%	0.151%
82	17.022	2397	2403	2413	rVB	2919377	4468757	36.94%	3.794%
83	17.122	2414	2420	2429	rBV	2954132	4427799	36.60%	3.759%
84	17.951	2557	2561	2568	rBV	1084446	1593456	13.17%	1.353%
85	18.210	2602	2605	2613	rBV7	141486	221000	1.83%	0.188%
86	18.681	2681	2685	2691	rVB	591611	756429	6.25%	0.642%
87	19.186	2768	2771	2779	rBV	444197	730269	6.04%	0.620%
88	19.369	2797	2802	2807	rVB	3885665	4998337	41.31%	4.244%
89	19.428	2808	2812	2818	rVB	527676	755887	6.25%	0.642%
90	20.857	3052	3055	3062	rVB	1419164	1853568	15.32%	1.574%
91	21.122	3095	3100	3107	rVB	3528009	4593827	37.97%	3.900%
92	21.292	3126	3129	3134	rVB	503911	573896	4.74%	0.487%
93	21.722	3199	3202	3210	rVB	609486	896613	7.41%	0.761%
94	22.180	3275	3280	3285	rVB2	1035226	1608783	13.30%	1.366%
95	22.686	3362	3366	3380	rVB	824238	1379310	11.40%	1.171%
96	23.186	3445	3451	3458	rBV	2896122	5121621	42.33%	4.348%
97	23.257	3458	3463	3468	rVV	776559	1297968	10.73%	1.102%
98	23.327	3469	3475	3485	rVB	2701903	5143496	42.51%	4.367%
99	23.898	3567	3572	3580	rVB	614554	1170209	9.67%	0.994%
100	24.645	3694	3699	3706	rBV	344944	709456	5.86%	0.602%

Sum of corrected areas: 117780610

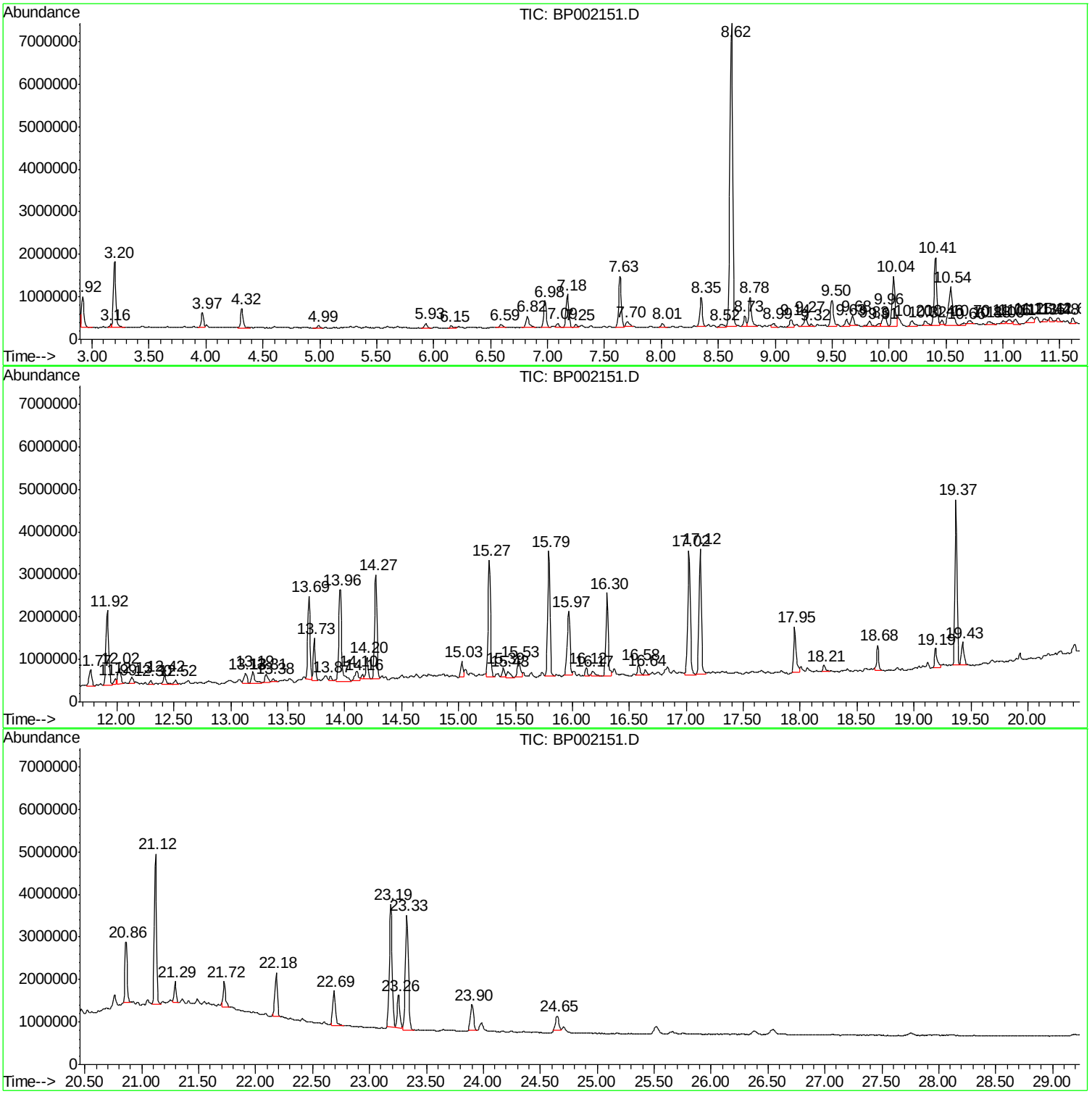
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

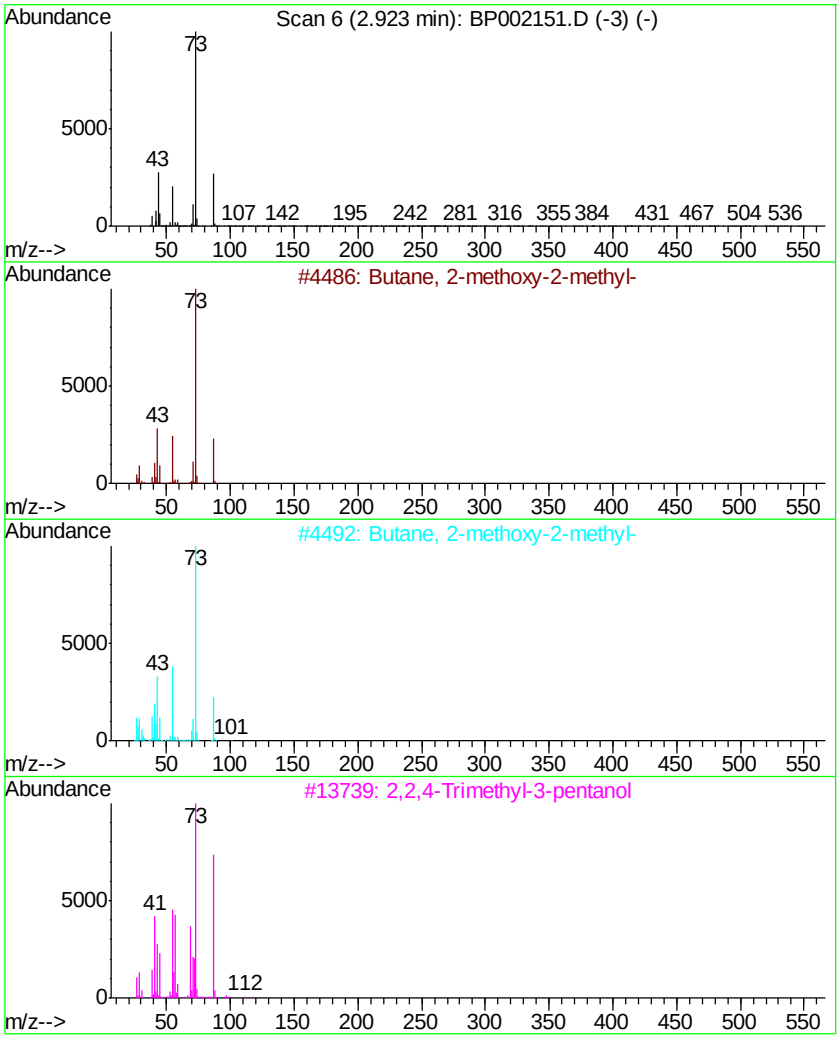
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

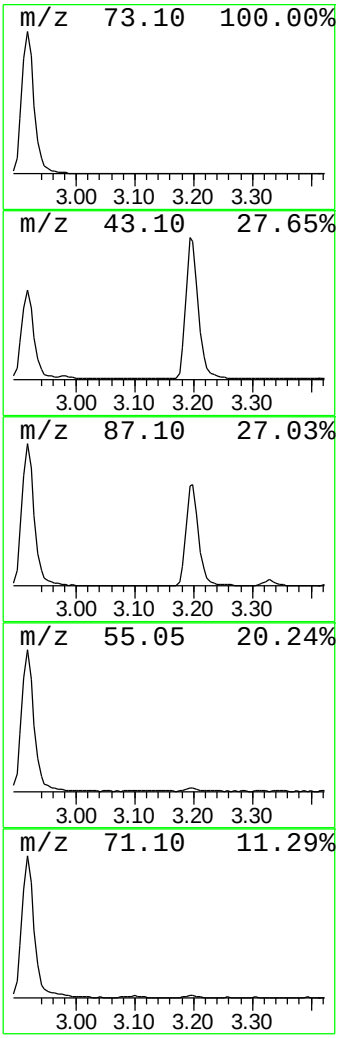
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	9.16 ng/ul	920922	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

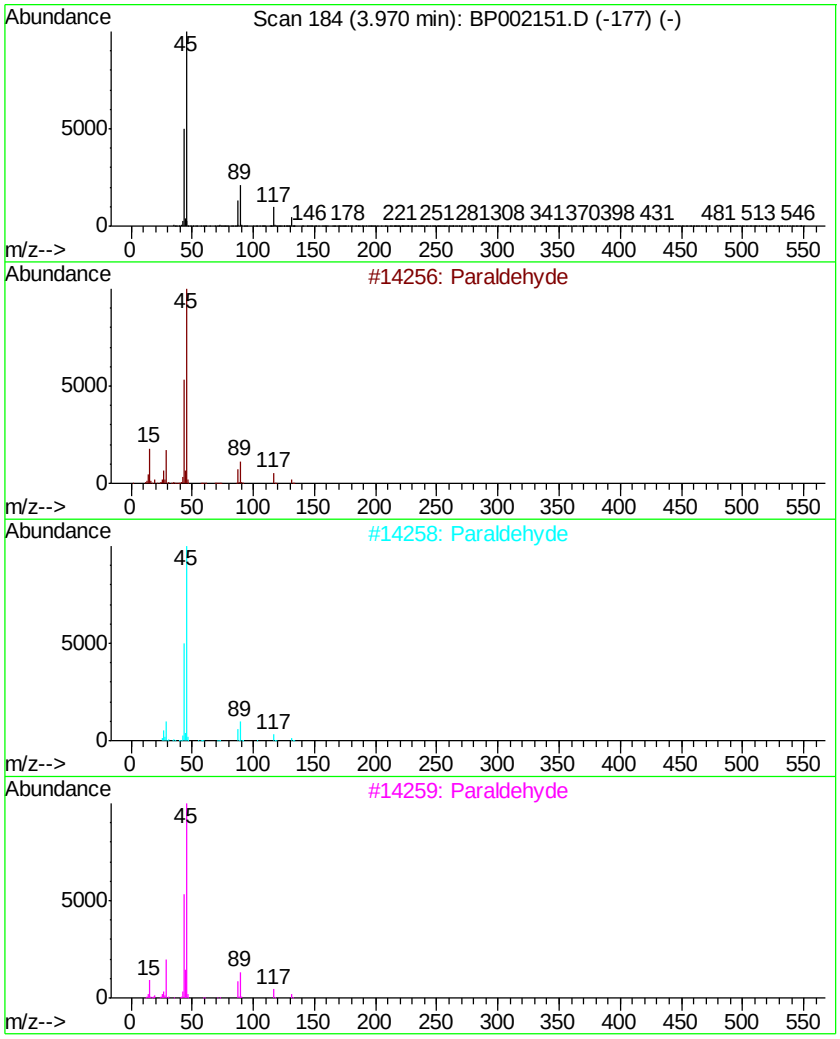
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

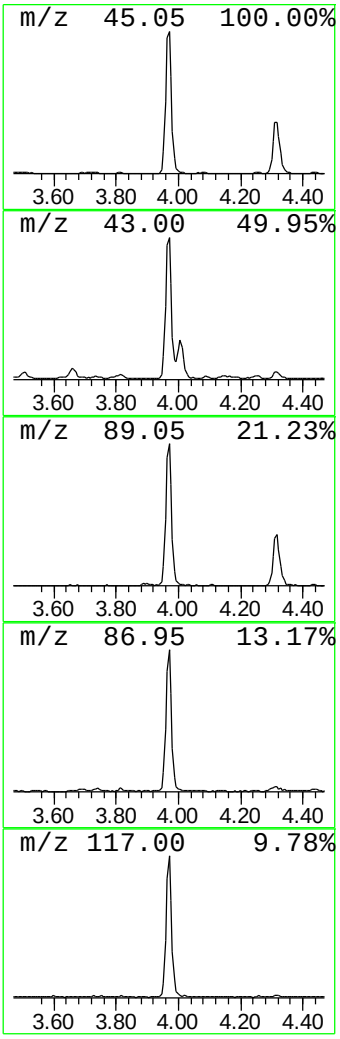
****

Peak Number 2 Paraldehyde Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	4.75 ng/ul	477865	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Paraldehyde	132	C6H12O3	000123-63-7	86
2	Paraldehyde	132	C6H12O3	000123-63-7	74
3	Paraldehyde	132	C6H12O3	000123-63-7	72
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

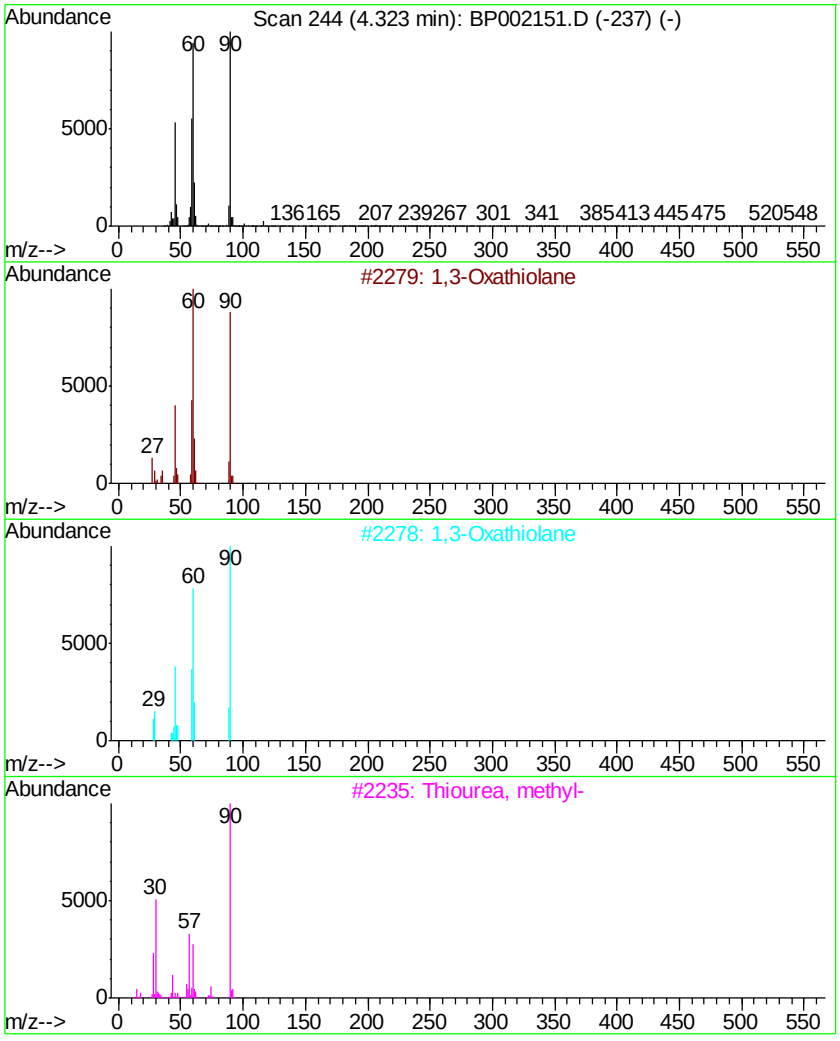
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

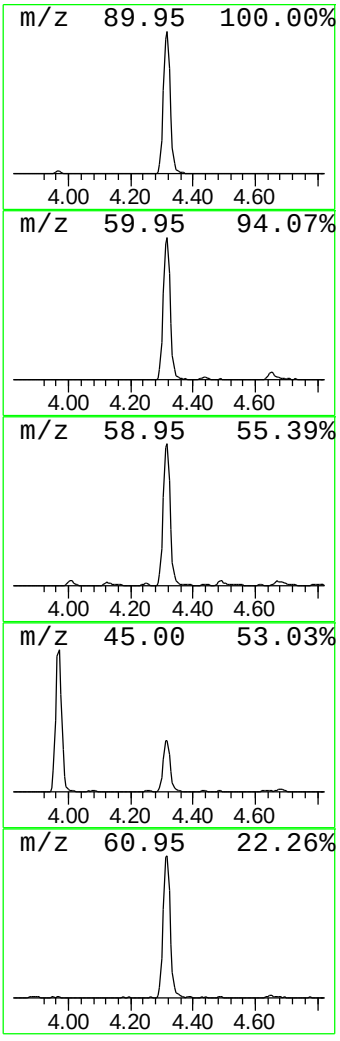
****

Peak Number 3 1,3-Oxathiolane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	7.27 ng/ul	730578	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	94
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	56
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
4	3-Thietanol	90	C3H6OS	010304-16-2	42
5	Thiourea, methyl-	90	C2H6N2S	000598-52-7	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

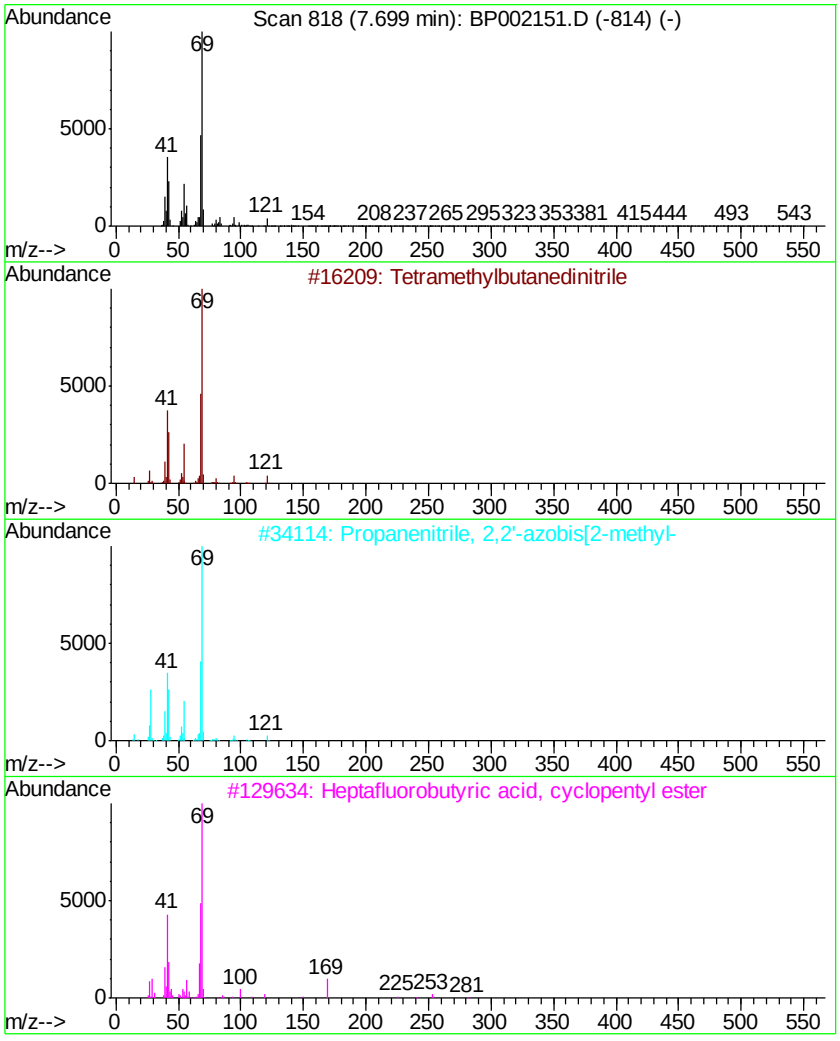
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

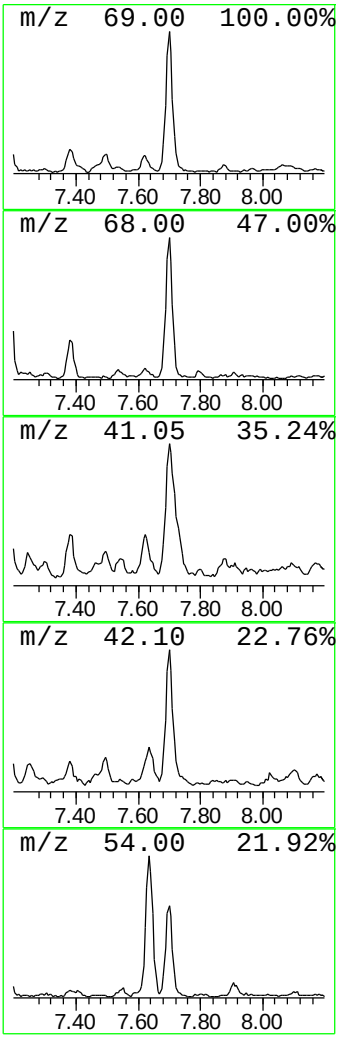
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Tetramethylbutanedinitrile Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	2.35 ng/ul	236600	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	78
2	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	78
3	Heptafluorobutyric acid, cyclope...	282	C9H9F7O2	1000245-81-9	59
4	1,5-Pentanediol, O,O'-di(proparg...	268	C13H16O6	1000331-35-4	42
5	Trifluoroacetic acid, cyclopenty...	182	C7H9F3O2	000703-13-9	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

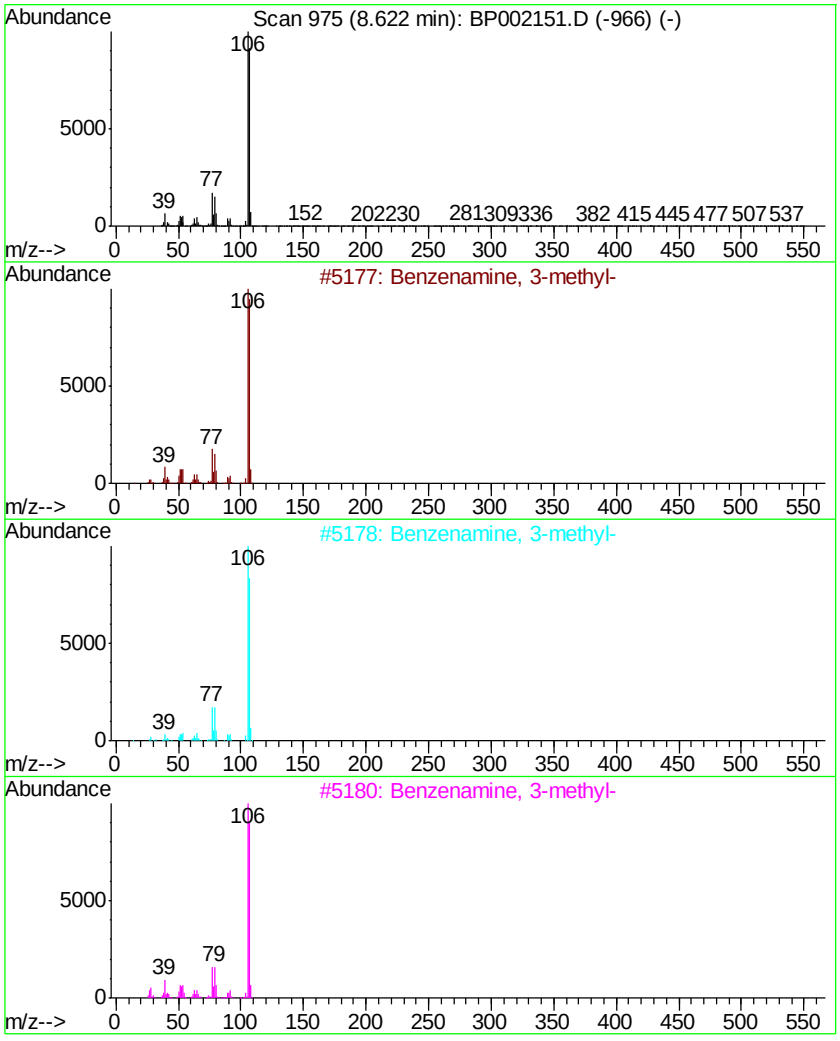
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

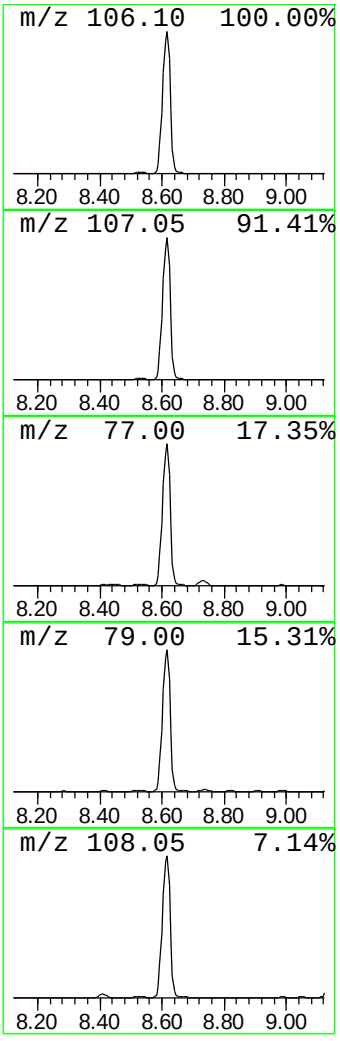
****

Peak Number 5 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	120.31 ng/ul	12098400	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
5	o-Toluidine	107	C7H9N	000095-53-4	94





Library Search Compound Report

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Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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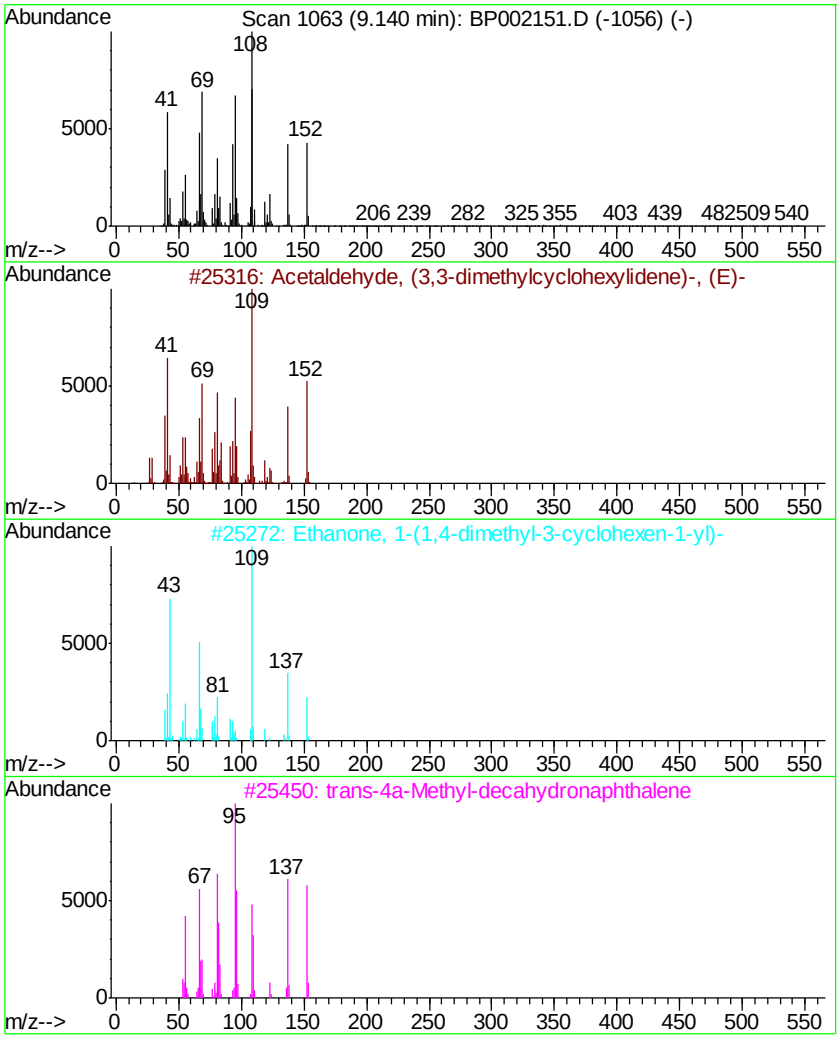
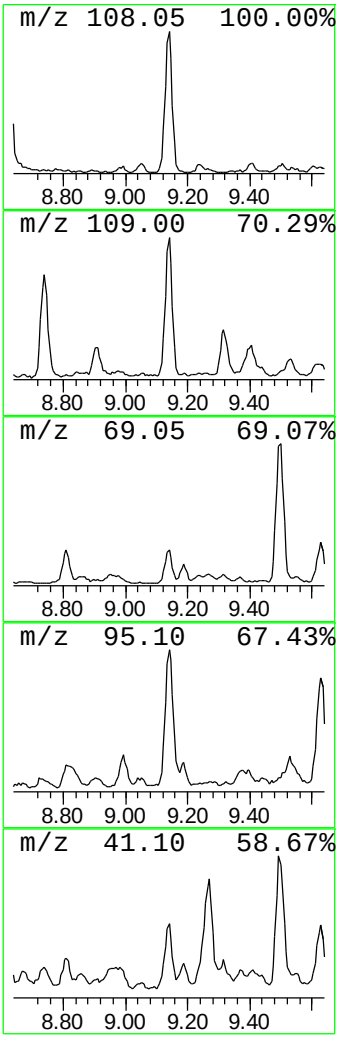
Peak Number 6 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	2.44 ng/ul	331545	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	46
2	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	45
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	43
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	30
5	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	30





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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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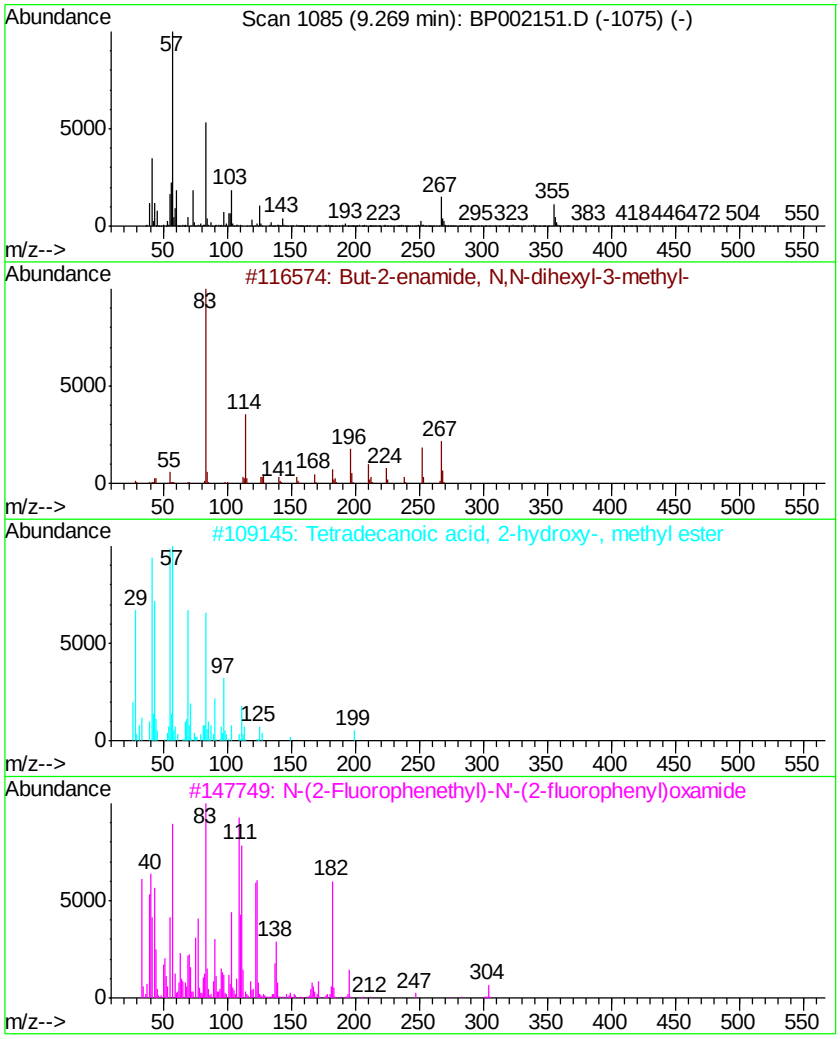
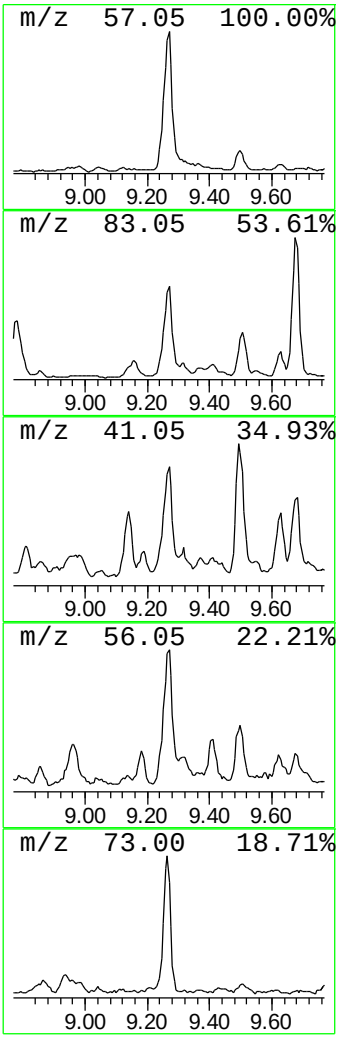
Peak Number 7 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.49 ng/ul	474457	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	But-2-enamide, N,N-dihexyl-3-met...	267	C17H33NO	1000308-23-7	35
2	Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	4
3	N-(2-Fluorophenethyl)-N'-(2-fluo...	304	C16H14F2N2O2	339006-39-2	2
4	2-(2-Hydroxy-ethoxy)-1,4,7-trime...	268	C11H16N4O4	1000285-62-1	2
5	Azacyclotridecan-2-one	197	C12H23NO	000947-04-6	2





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Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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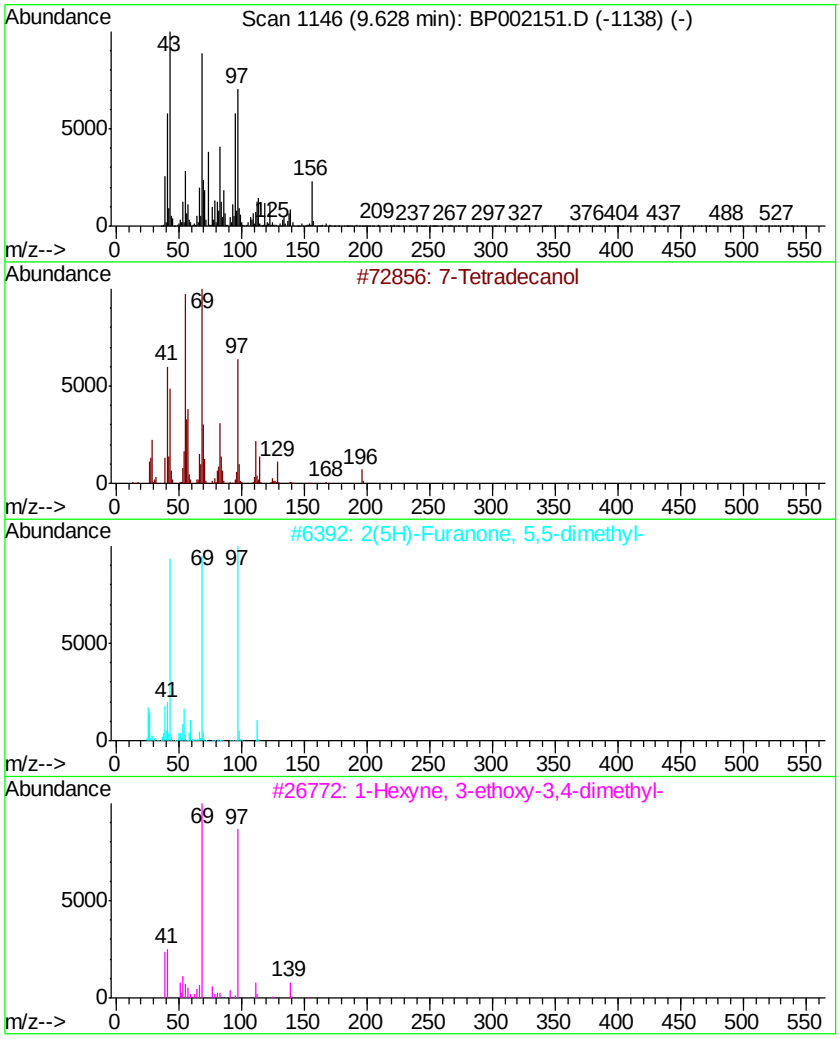
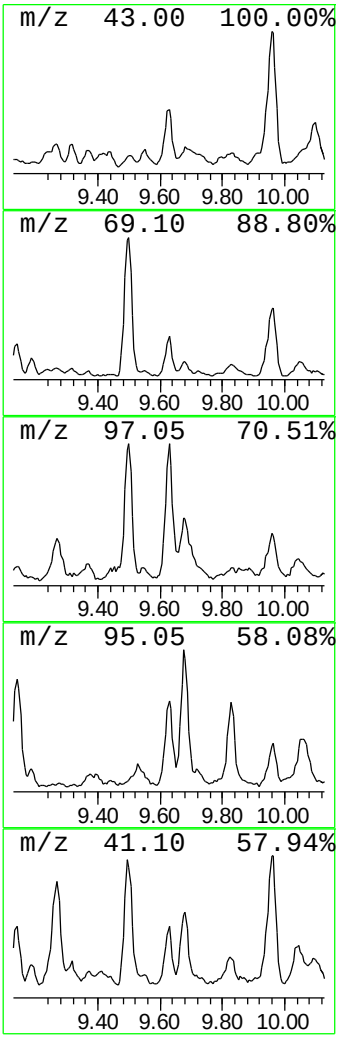
Peak Number 8 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.32 ng/ul	316356	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecanol	214	C14H30O	003981-79-1	35
2	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	27
3	1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	27
4	5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	22
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	18





Library Search Compound Report

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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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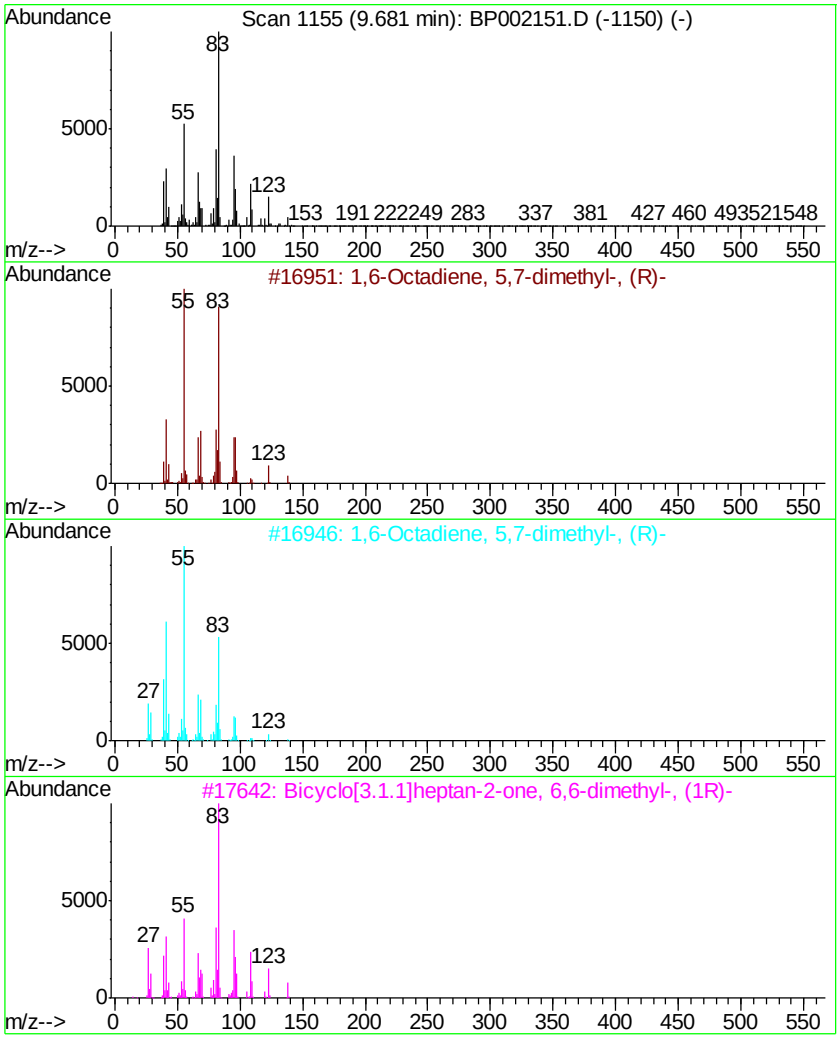
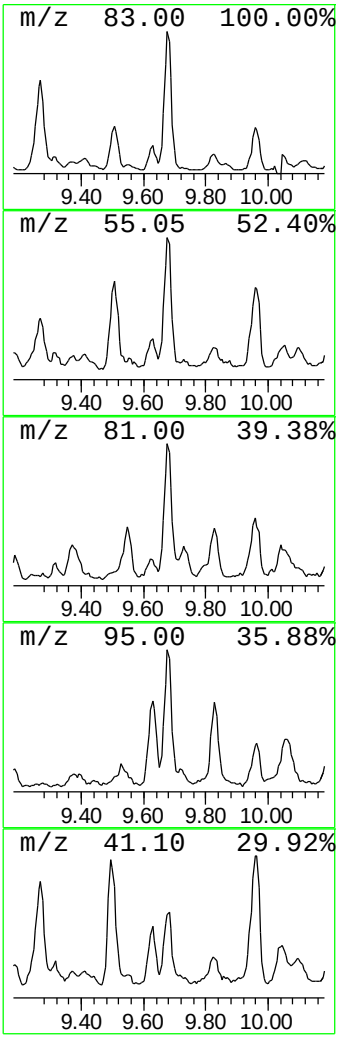
Peak Number 9 1,6-Octadiene, 5,7-dimethyl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.73 ng/ul	371875	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	64
2	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	64
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	52
4	Prop-2-ynyl (E)-2-methylbut-2-en...	138	C8H10O2	1000373-72-5	43
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43





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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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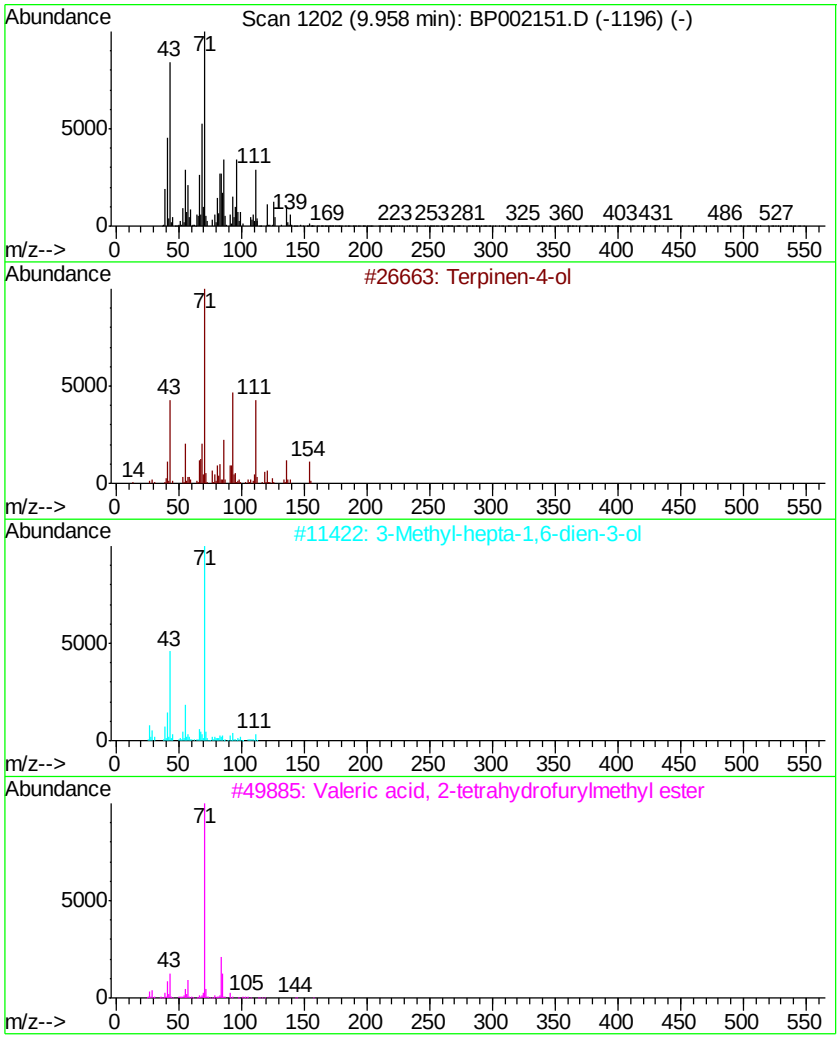
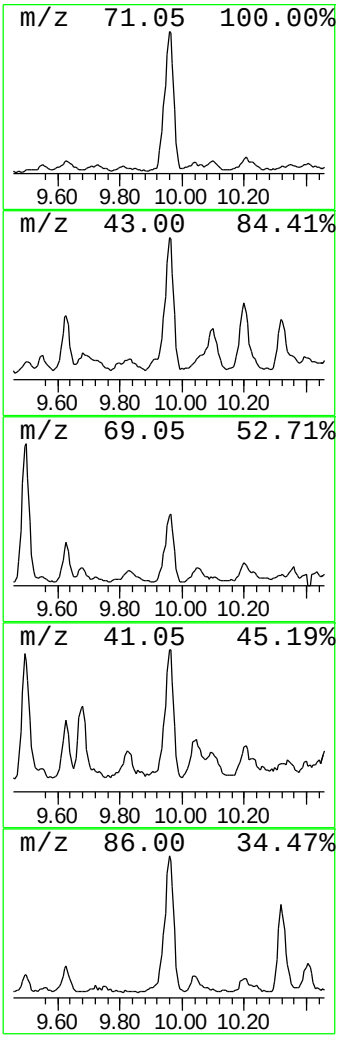
Peak Number 10 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.86 ng/ul	797643	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	47
2	3-Methyl-hepta-1,6-dien-3-ol	126	C8H14O	034780-69-3	43
3	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	38
4	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	38
5	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	38





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Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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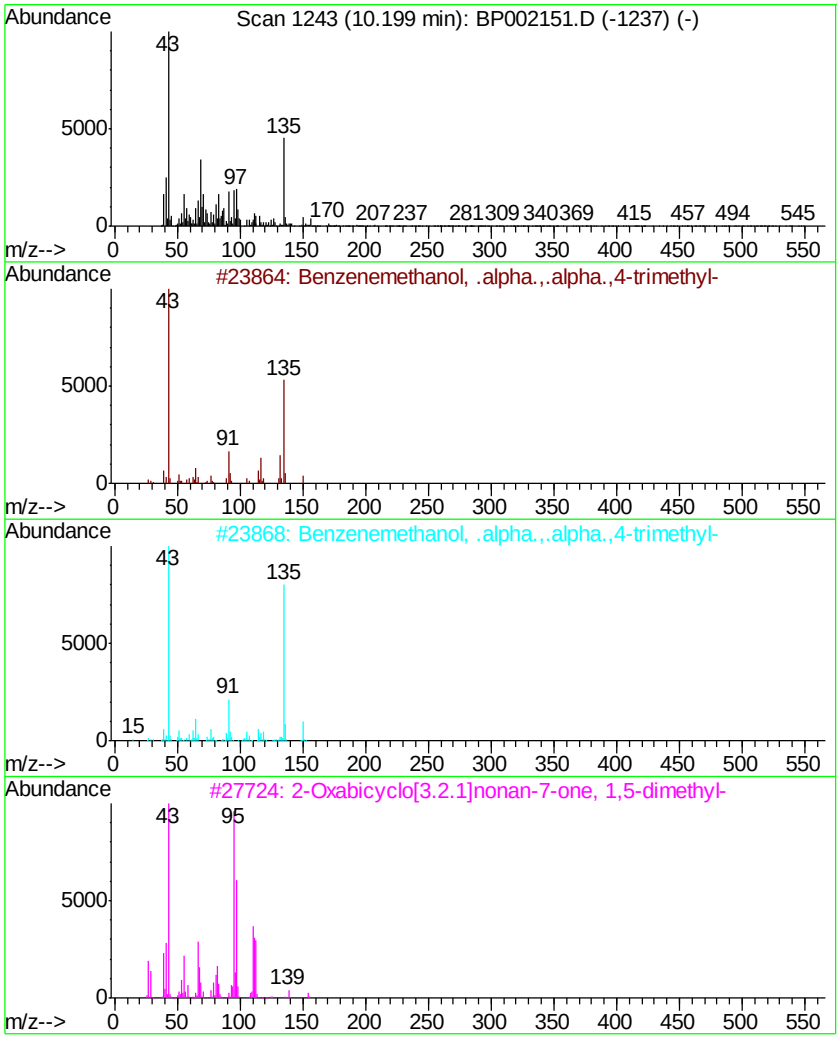
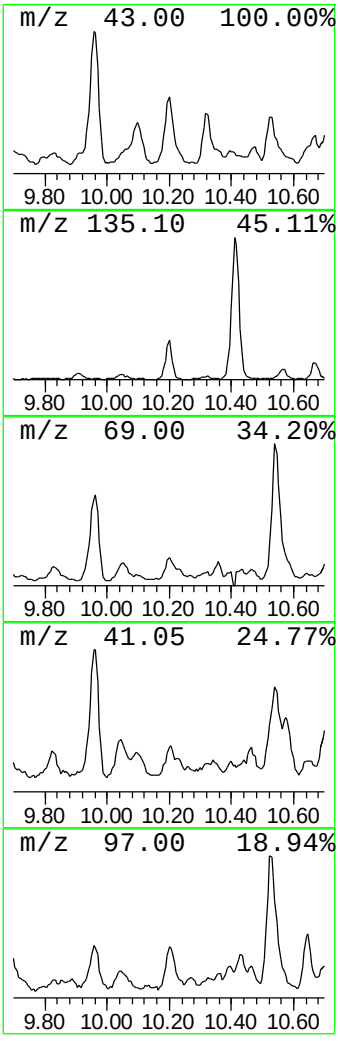
Peak Number 11 unknown-05 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.37 ng/ul	322294	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	38
2	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	18
3	2-Oxabicyclo[3.2.1]nonan-7-one, ...	154	C9H14O2	013747-98-3	10
4	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	9
5	5,5,8-Trimethyl-nona-3,6,7-trien...	178	C12H18O	1000185-69-2	9





Library Search Compound Report

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Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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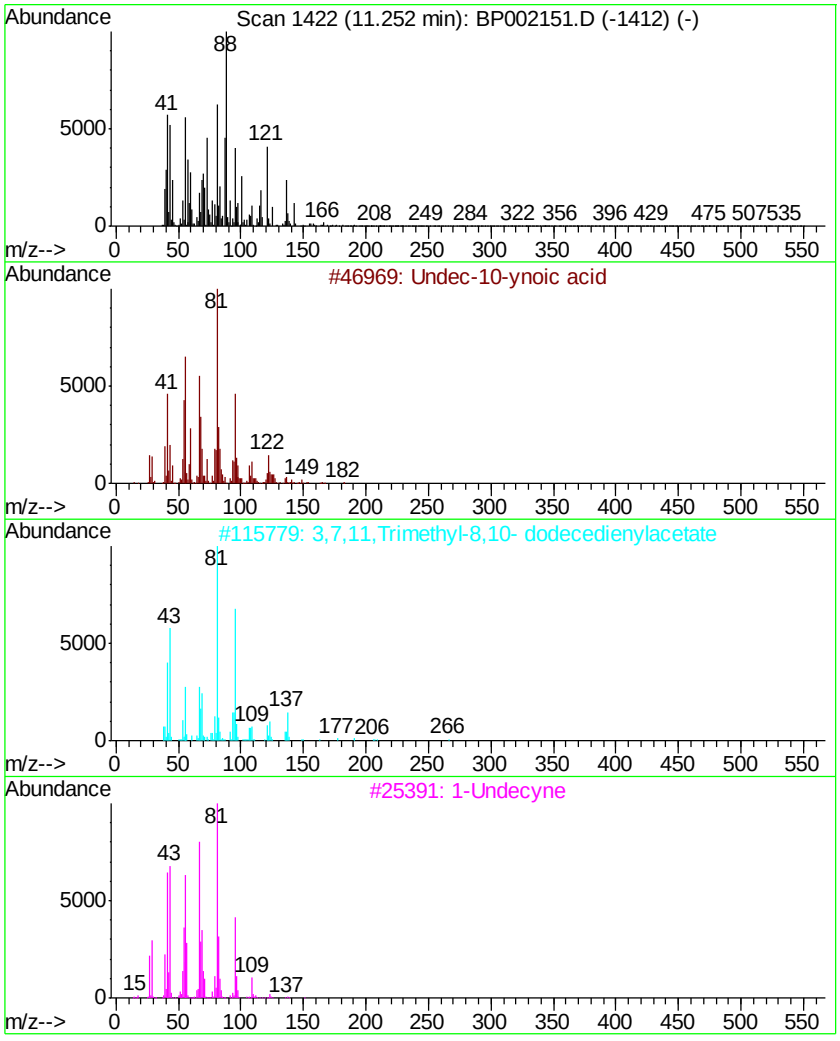
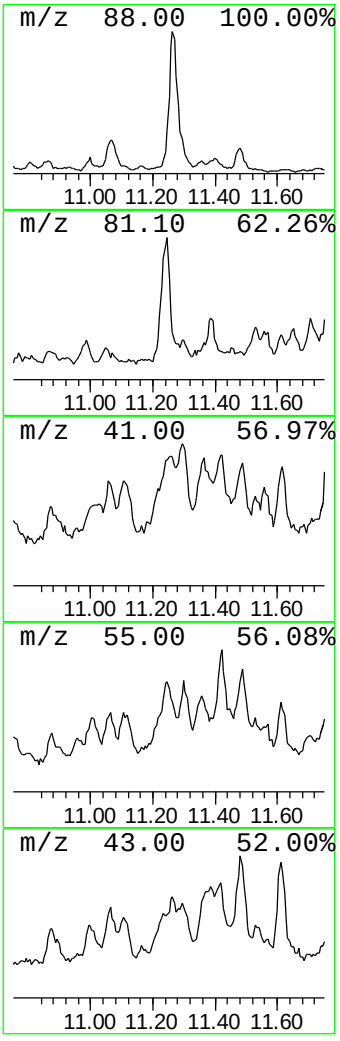
Peak Number 12 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.30 ng/ul	449702	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	32
2	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	25
3	1-Undecyne	152	C11H20	002243-98-3	16
4	Ethyl 5-methylhexanoate	158	C9H18O2	010236-10-9	16
5	1-Decyne	138	C10H18	000764-93-2	16





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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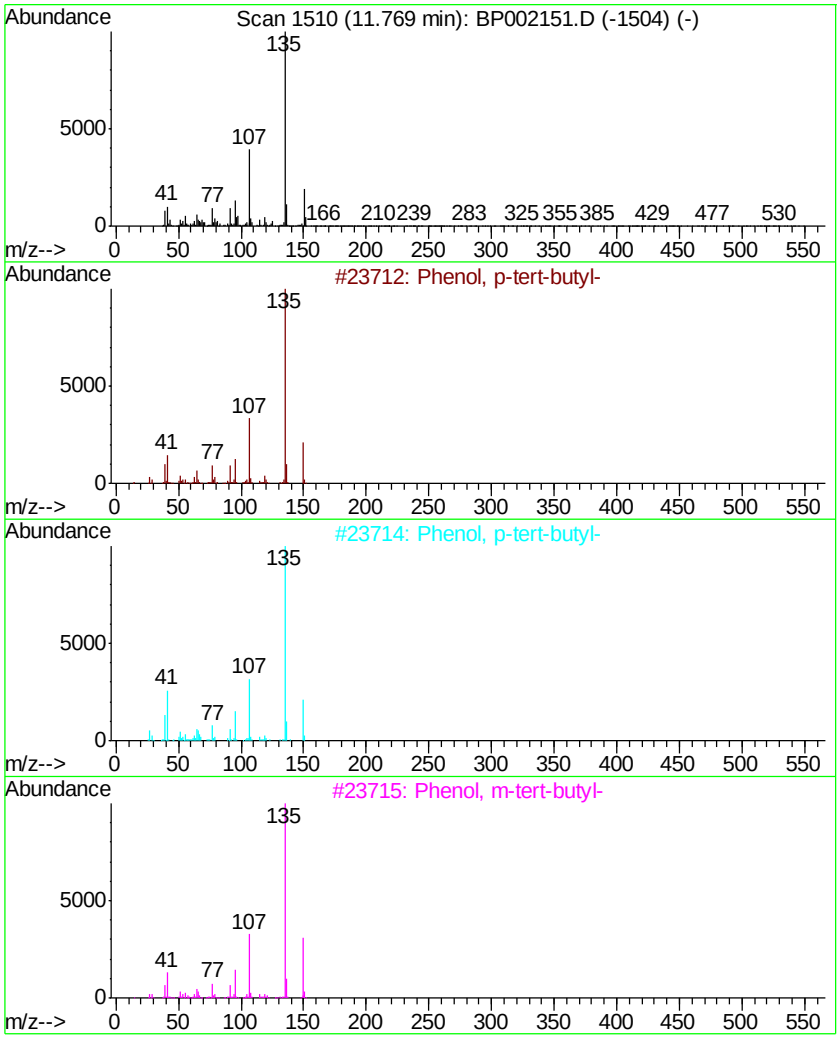
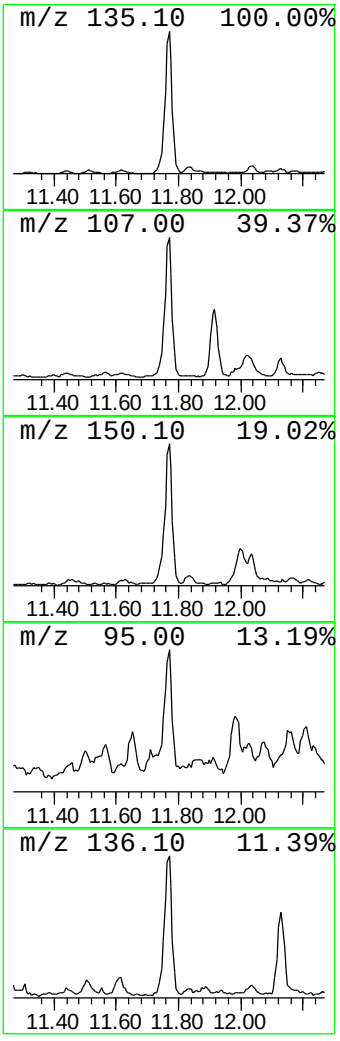
Peak Number 13 Phenol, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.87 ng/ul	662244	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	72





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Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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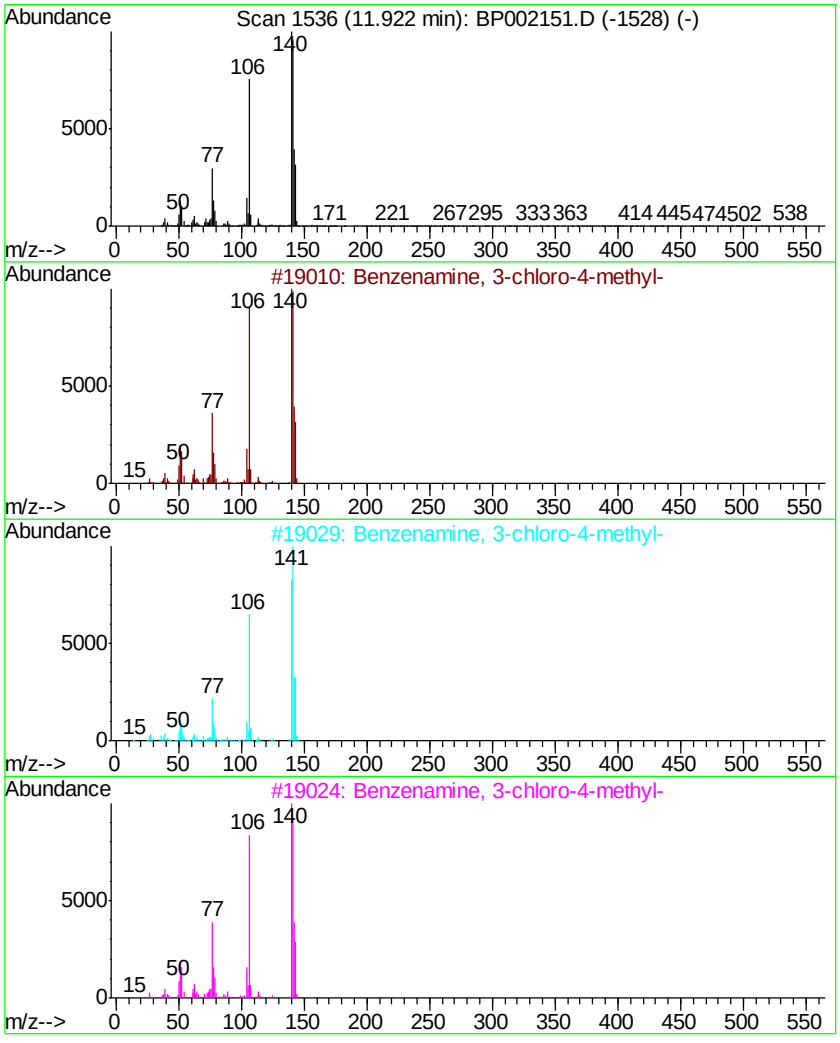
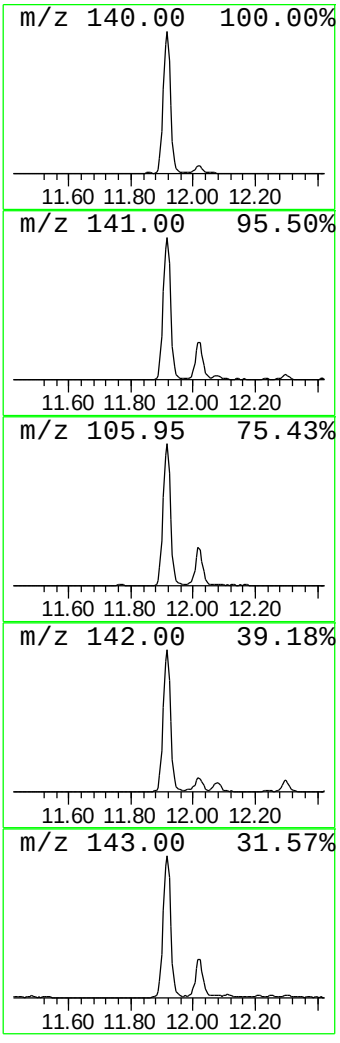
Peak Number 14 Benzenamine, 3-chloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	21.42 ng/ul	2914820	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	97
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	97
3	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	96
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
5	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	86





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Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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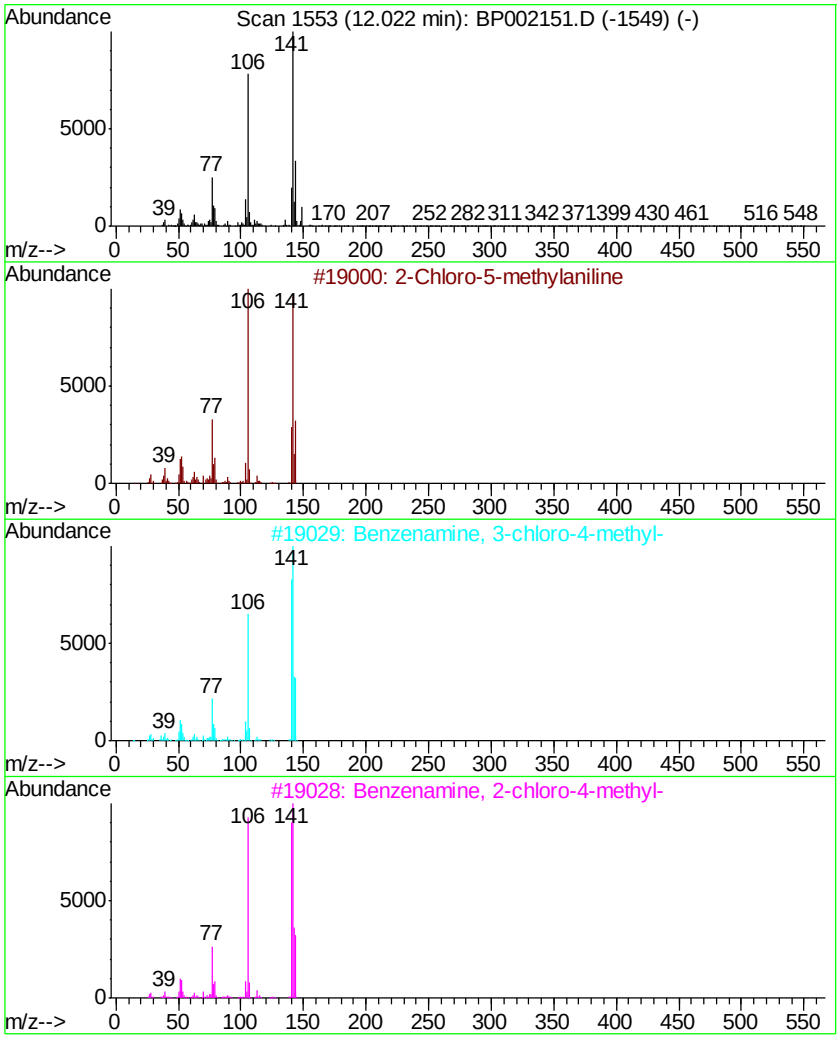
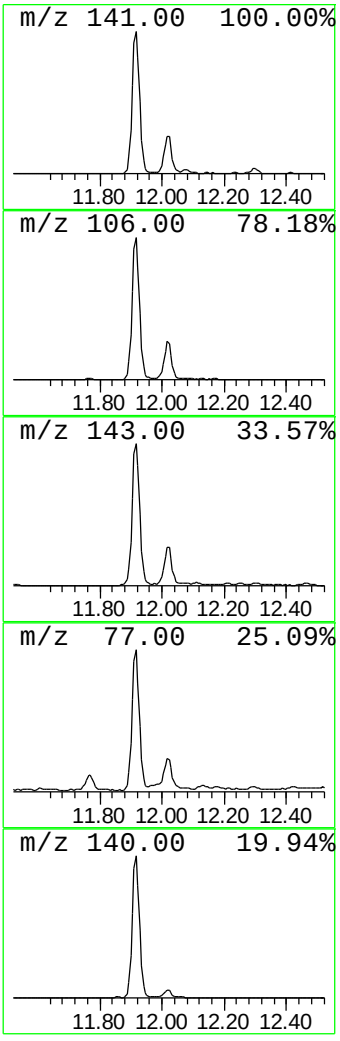
Peak Number 15 2-Chloro-5-methylaniline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.60 ng/ul	626548	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	94
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	87
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	87
4	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	83
5	3'-Chloro-ortho-acetotoluidide	183	C9H10ClNO	007463-35-6	83





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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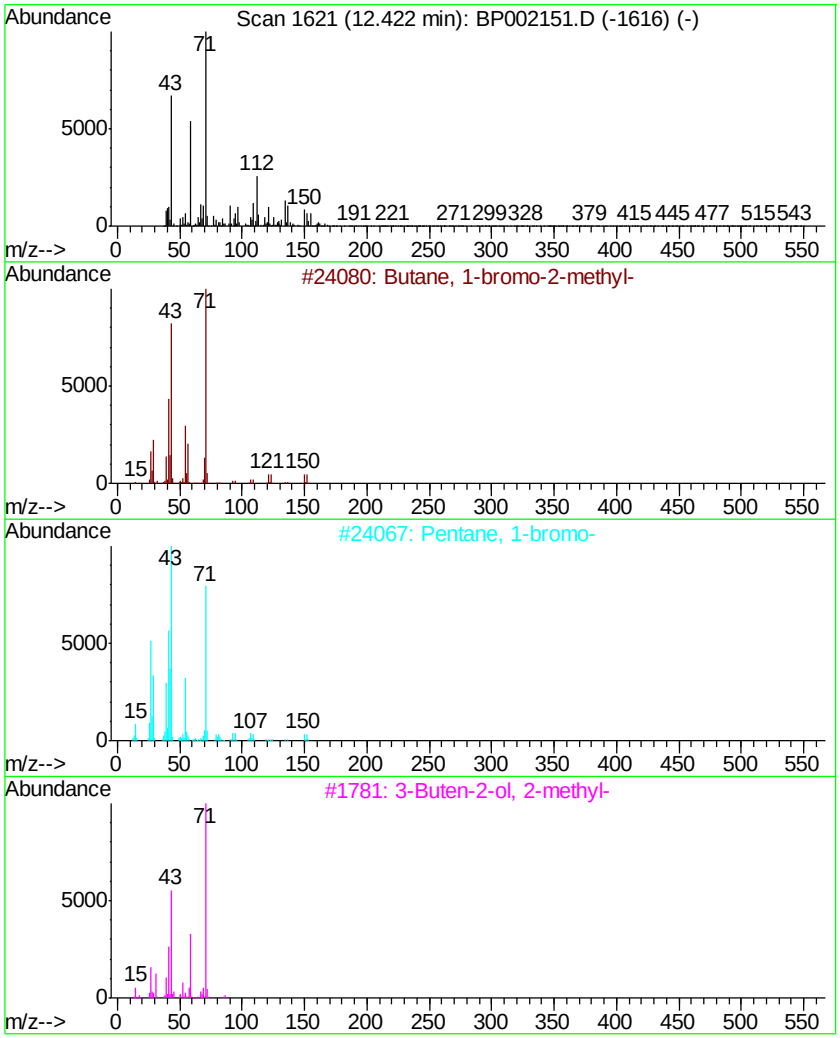
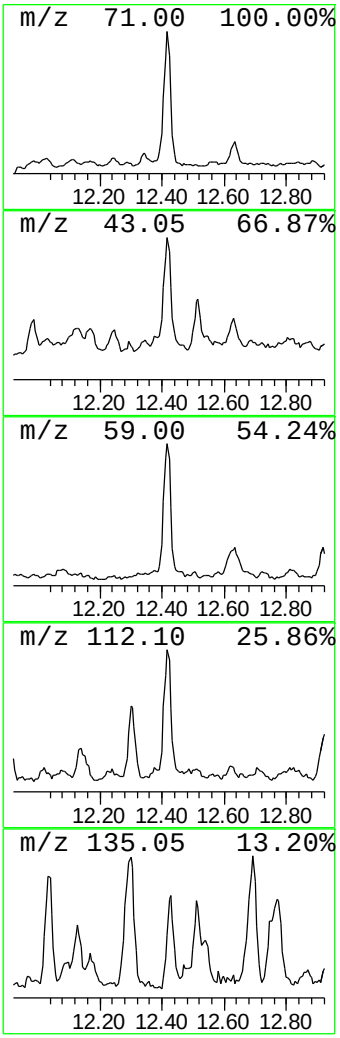
Peak Number 16 unknown-07 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.06 ng/ul	359298	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	43
2	Pentane, 1-bromo-	150	C5H11Br	000110-53-2	43
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
4	Butane, 1-bromo-2-methyl-, (S)-	150	C5H11Br	000534-00-9	35
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	32





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Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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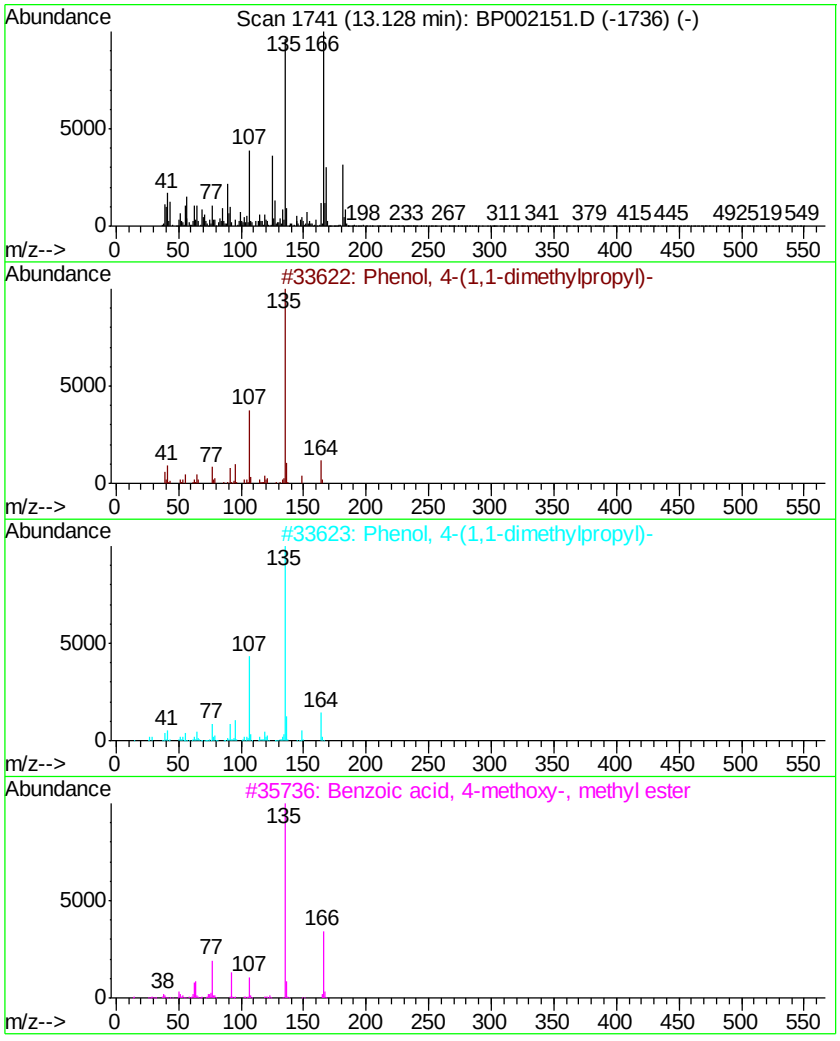
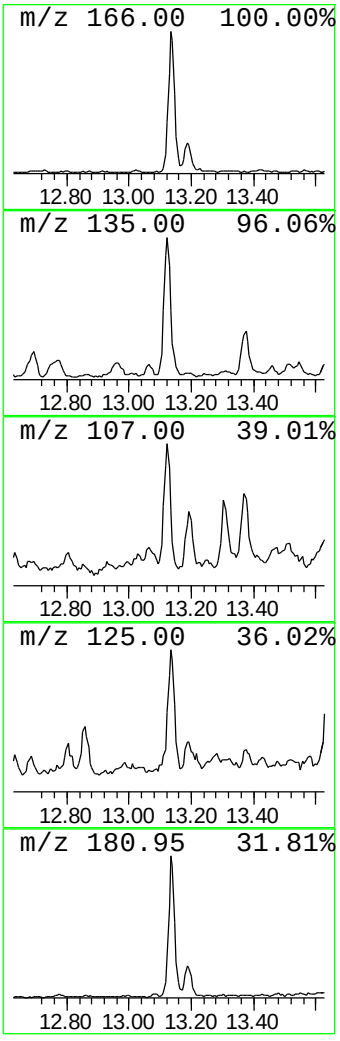
Peak Number 17 unknown-08 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.68 ng/ul	468309	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	46
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	46
3	Benzoic acid, 4-methoxy-, methyl...	166	C9H10O3	000121-98-2	43
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	27





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Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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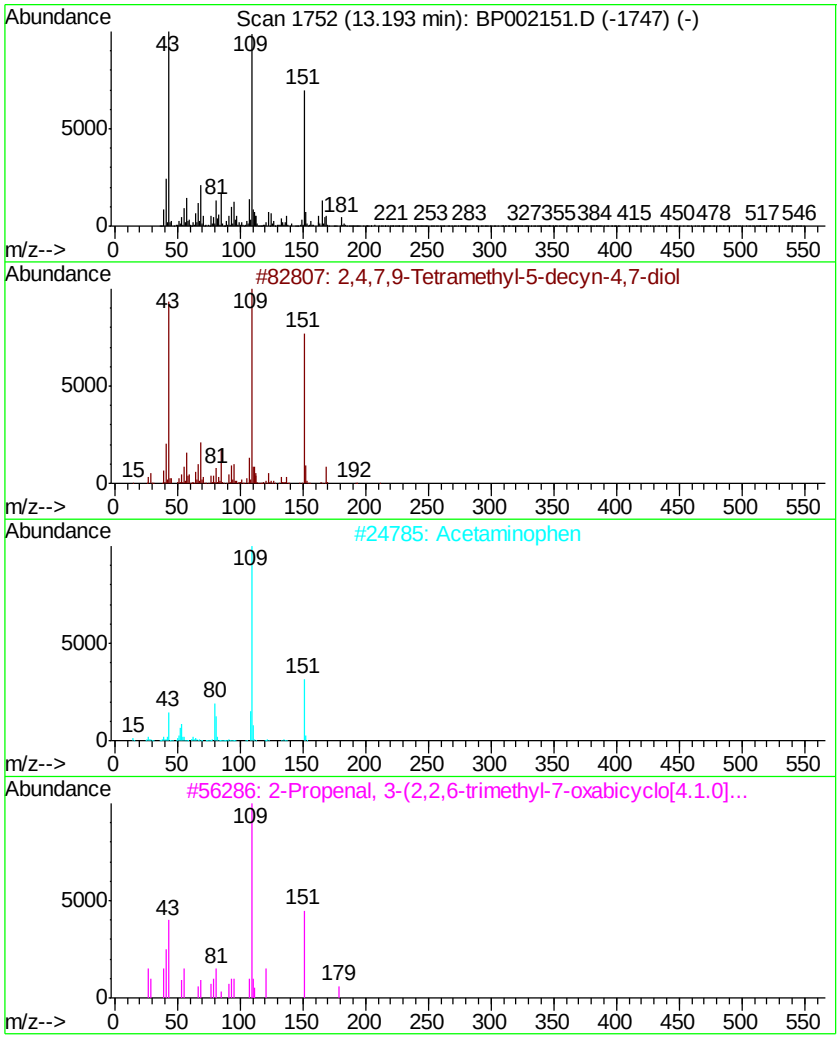
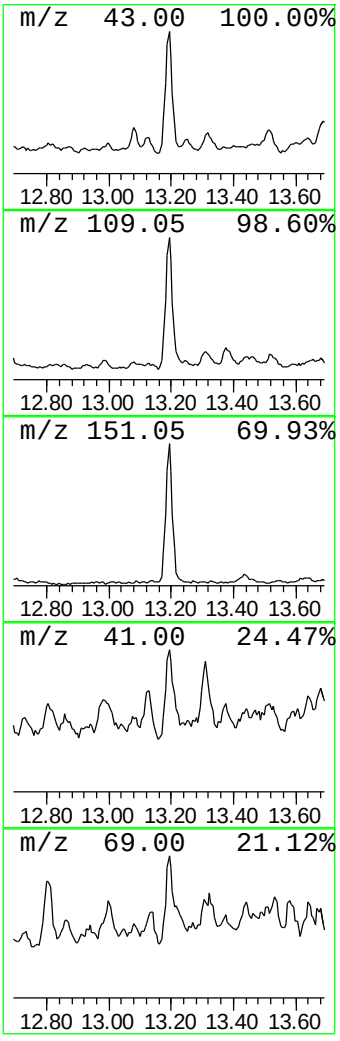
Peak Number 18 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.54 ng/ul	618810	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	80
2	Acetaminophen	151	C8H9NO2	000103-90-2	52
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	50
4	Acetaminophen	151	C8H9NO2	000103-90-2	50
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50





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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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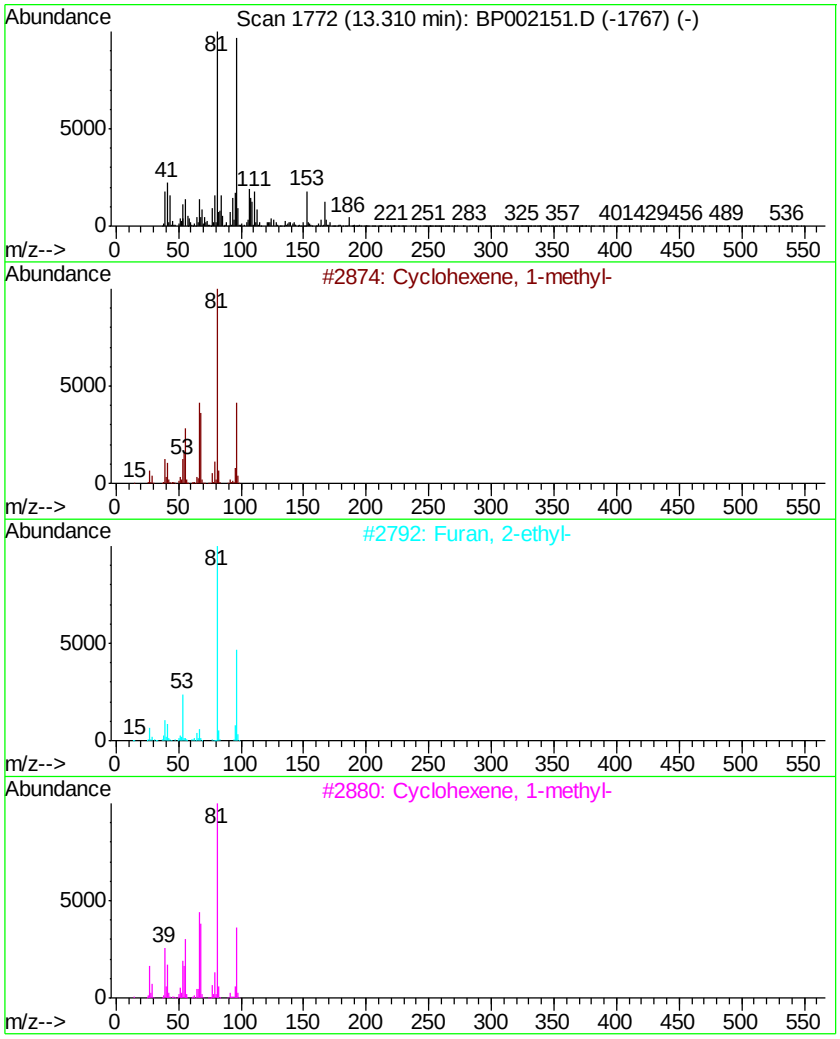
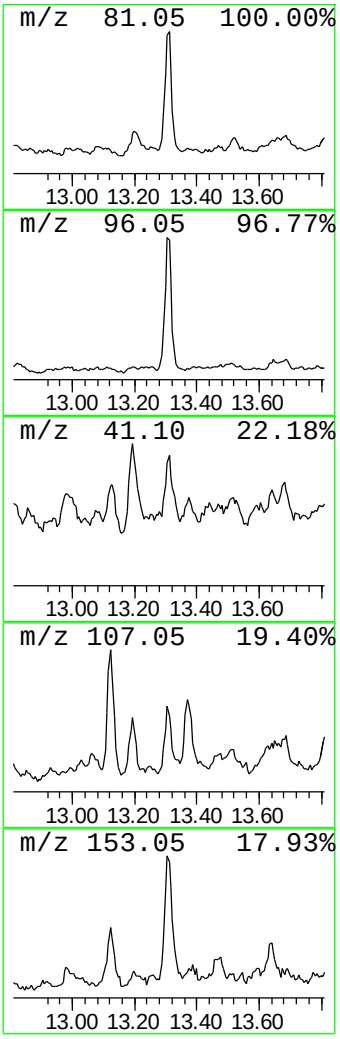
Peak Number 19 Cyclohexene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.20 ng/ul	383867	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	58
2	Furan, 2-ethyl-	96	C6H8O	003208-16-0	58
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	58
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	53
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	53





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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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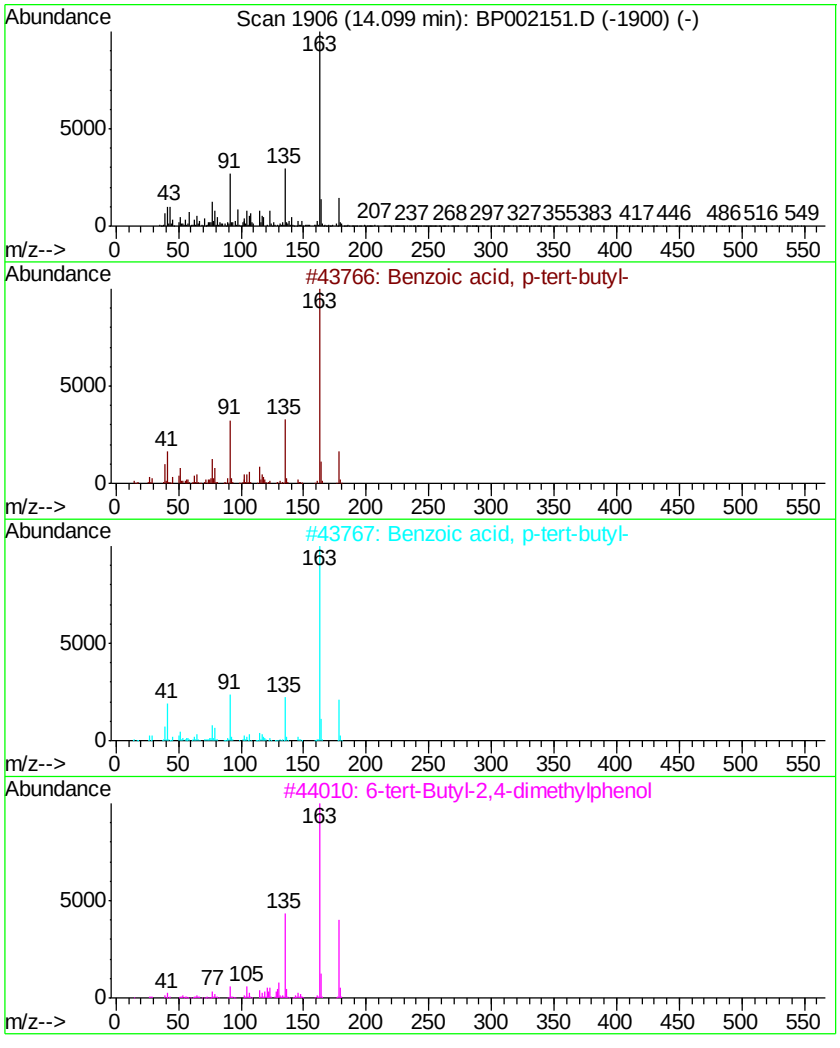
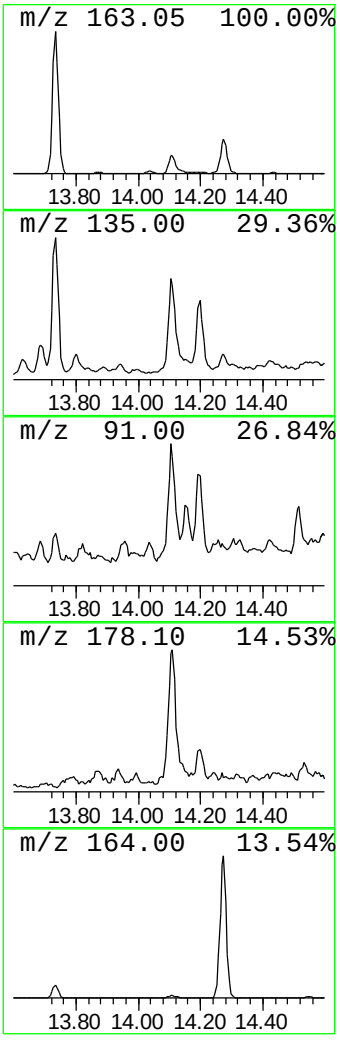
Peak Number 20 Benzoic acid, p-tert-butyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.85 ng/ul	499122	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	90
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	83
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
5	Terephthalaldehyde mono-(diethyl...	208	C12H16O3	081172-89-6	64





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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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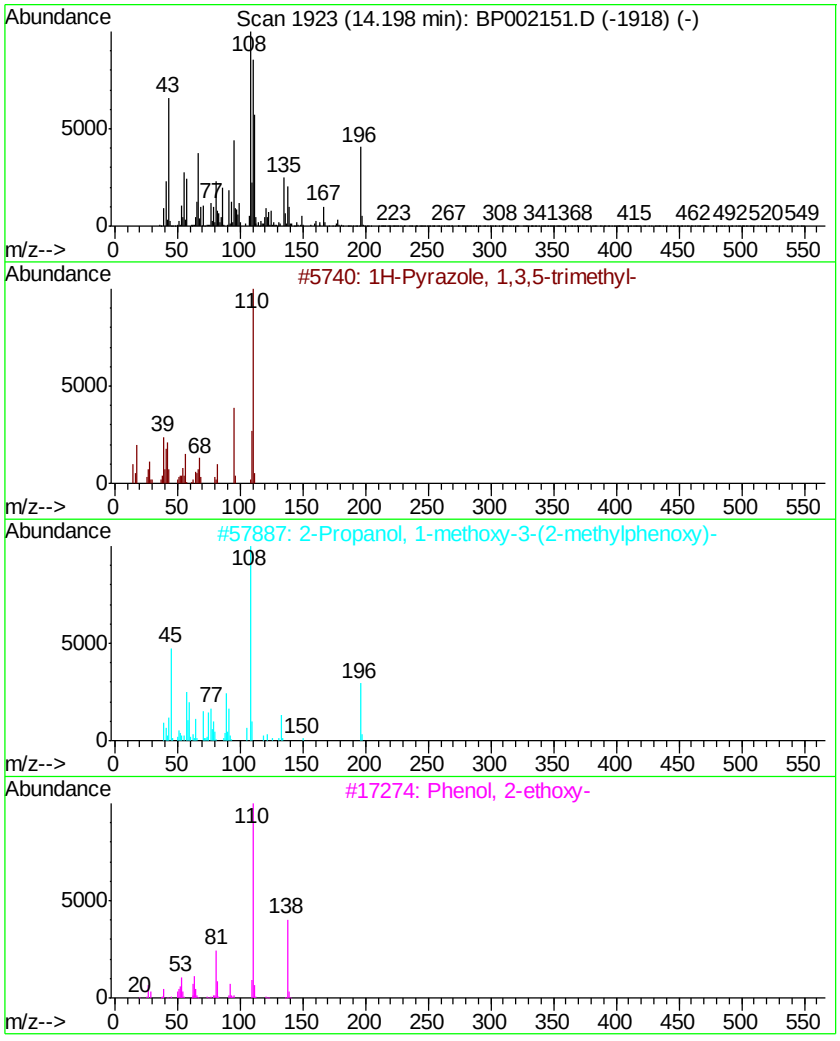
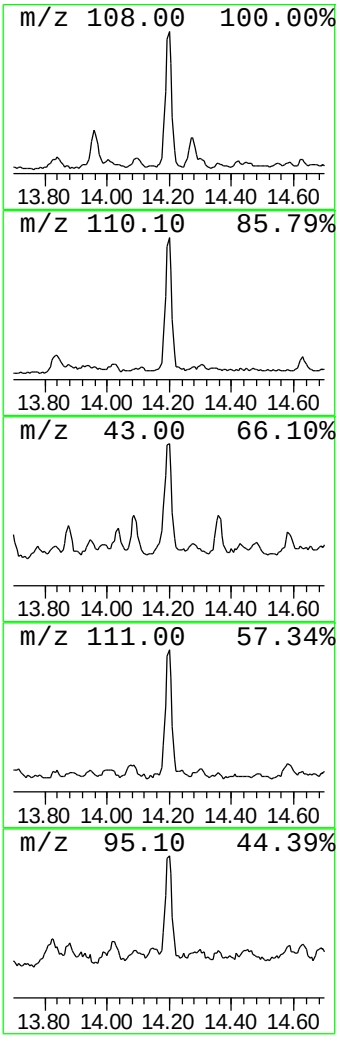
Peak Number 21 unknown-09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	4.37 ng/ul	763318	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	22
2	2-Propanol, 1-methoxy-3-(2-methy...	196	C11H16O3	039144-34-8	22
3	Phenol, 2-ethoxy-	138	C8H10O2	000094-71-3	14
4	Pyrrolidine, 1-(1-pentenyl)-	139	C9H17N	013937-90-1	14
5	(2,5-Dioxo-2,5-dihydropyrrol-1-y...	155	C6H5NO4	025021-08-3	14





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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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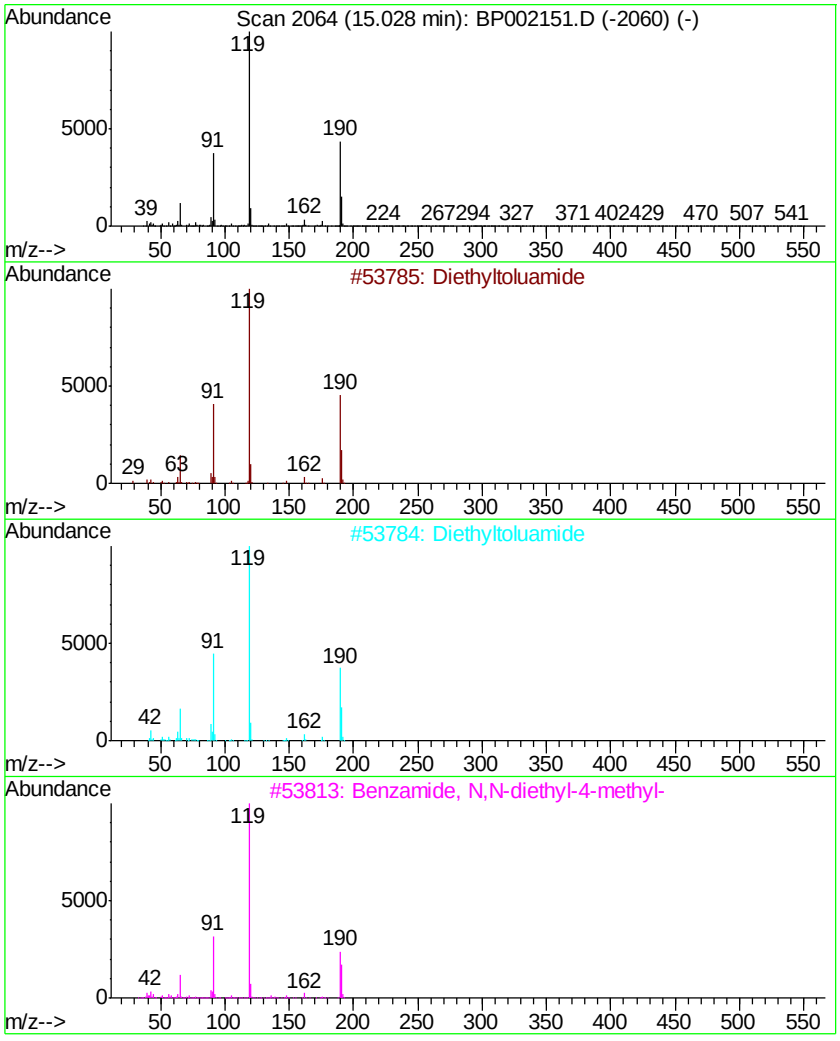
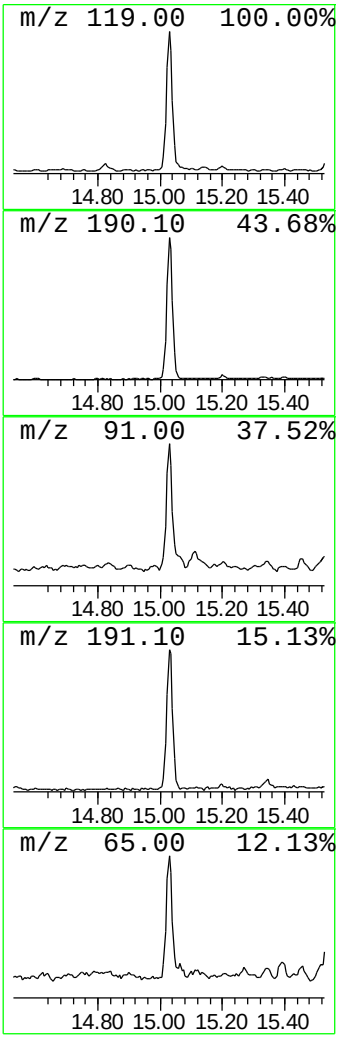
Peak Number 22 Diethyltoluamide Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.94 ng/ul	513193	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Diethyltoluamide	191	C12H17NO	000134-62-3	83
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76
4	Diethyltoluamide	191	C12H17NO	000134-62-3	60
5	2,5-Pyrrolidinedione, 1-[(4-meth...	233	C12H11NO4	083039-57-0	60





Library Search Compound Report

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Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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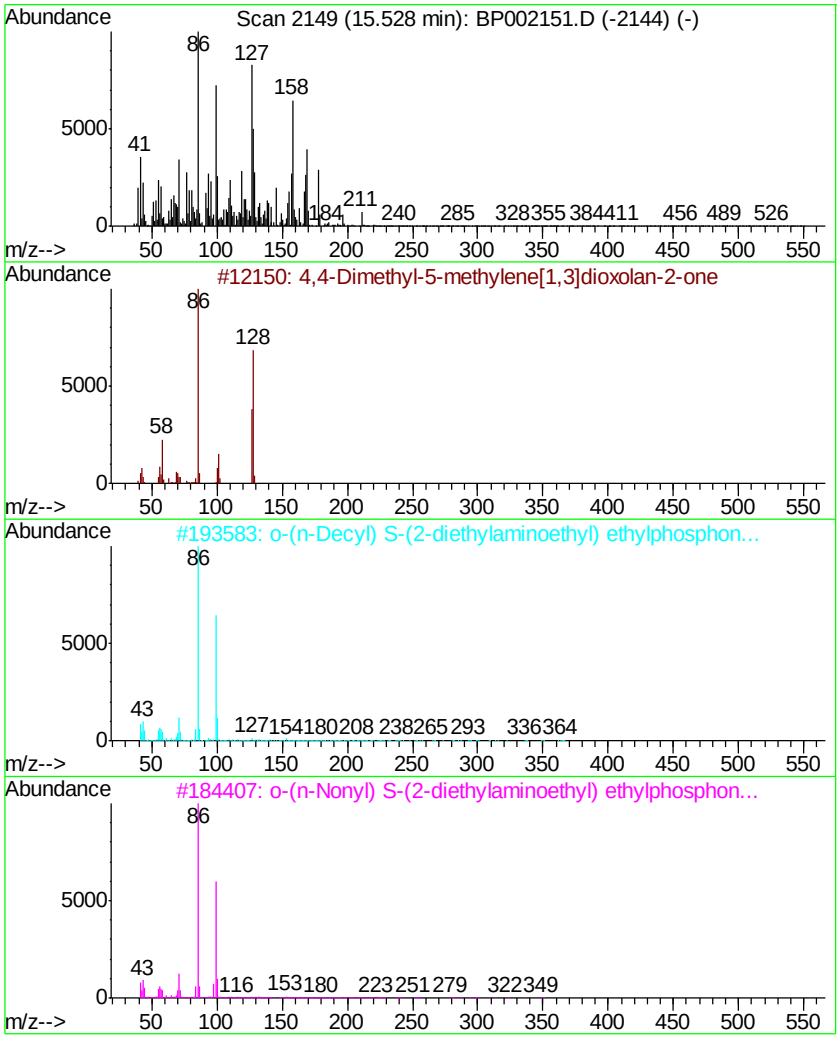
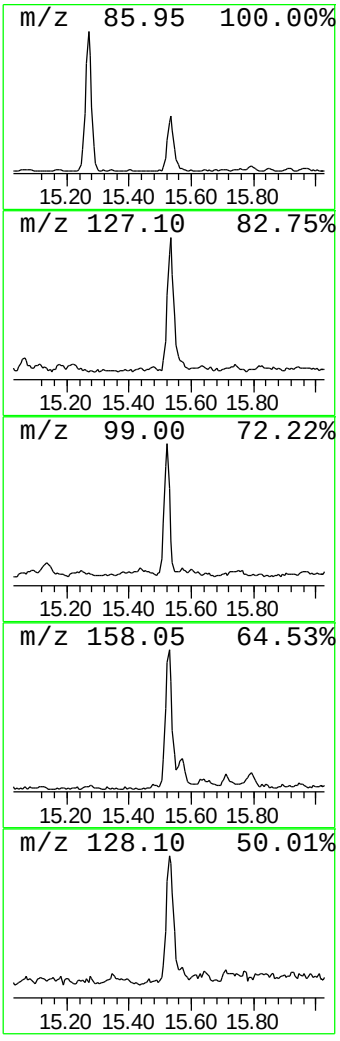
Peak Number 23 unknown-10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.87 ng/ul	676866	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl-5-methylene[1,3]dio...	128	C6H8O3	1000311-63-8	22
2	o-(n-Decyl) S-(2-diethylaminoeth...	365	C18H40NO2PS	1000273-63-4	18
3	o-(n-Nonyl) S-(2-diethylaminoeth...	351	C17H38NO2PS	1000273-63-3	18
4	5-Benzyl-2-(2-diethylamino-ethyl...	333	C17H23N3O2S	1000317-72-2	14
5	2,4-Difluorotoluene	128	C7H6F2	000452-76-6	14





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Instrument : BNA_P
ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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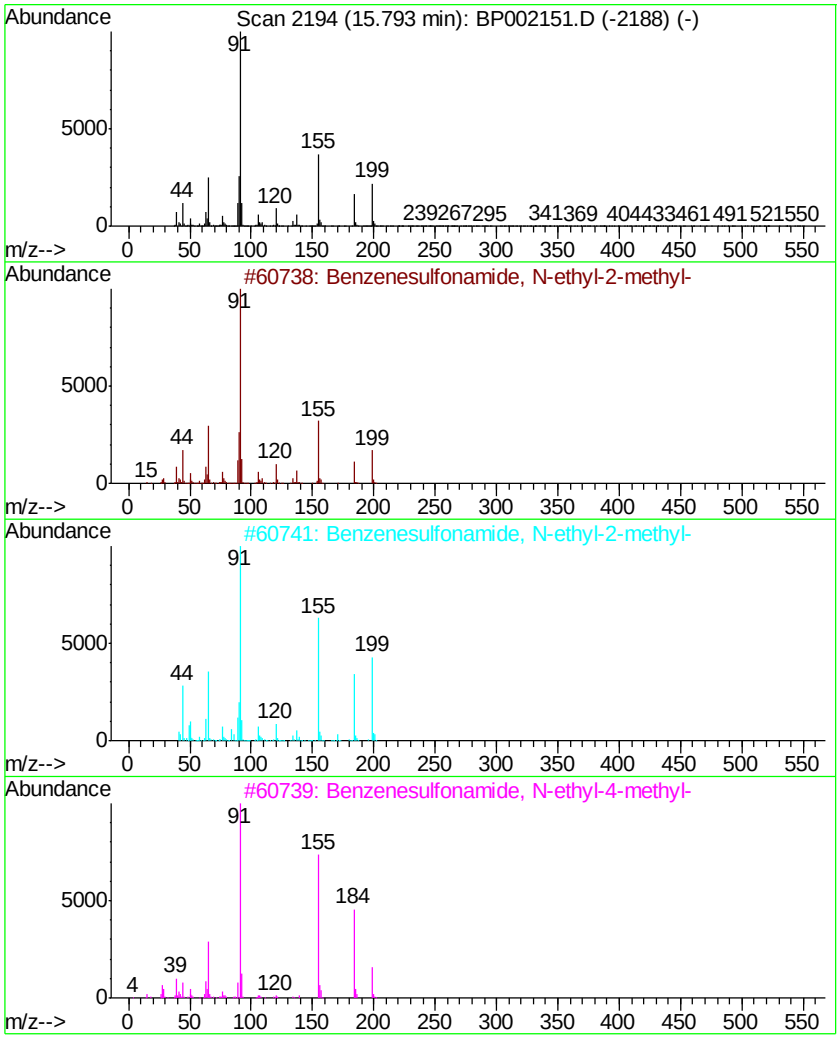
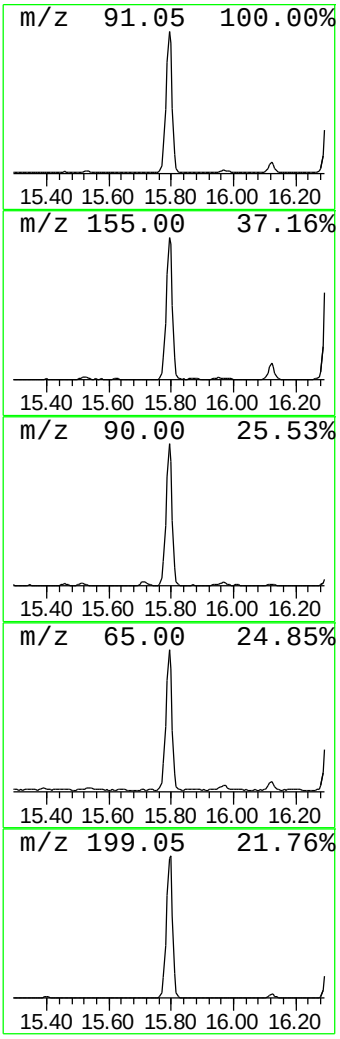
Peak Number 24 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	18.56 ng/ul	4146130	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	96
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	52
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	50
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	47
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47





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Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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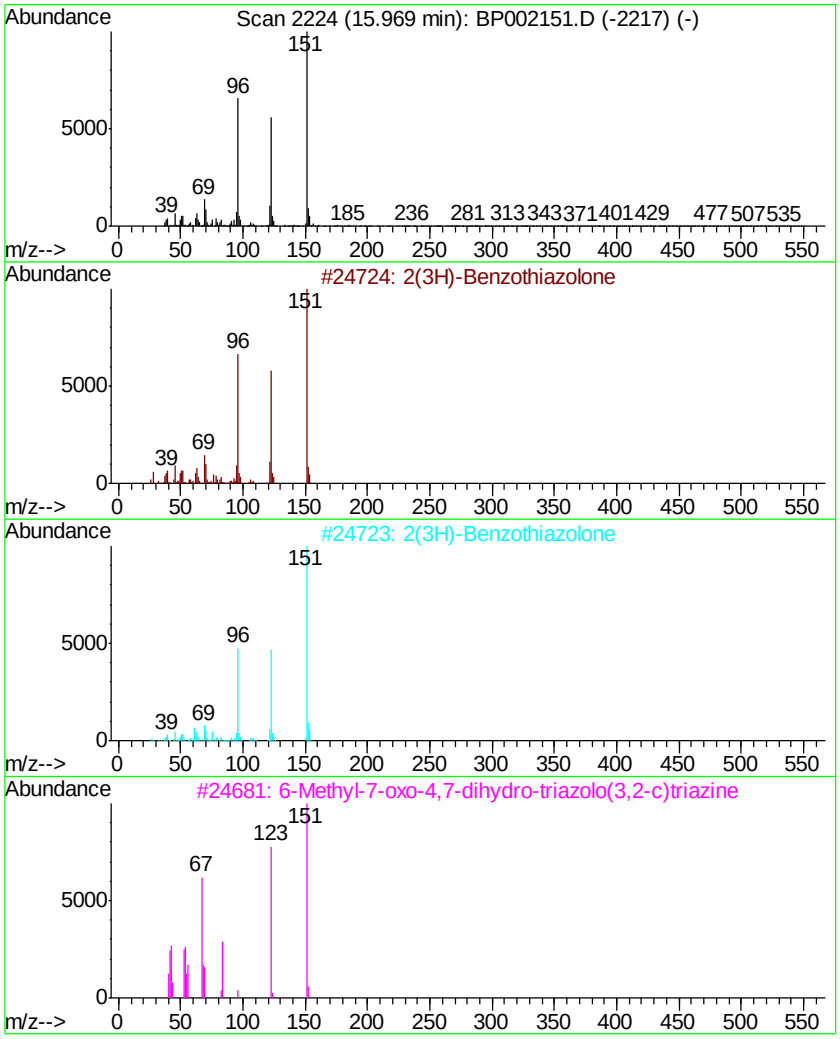
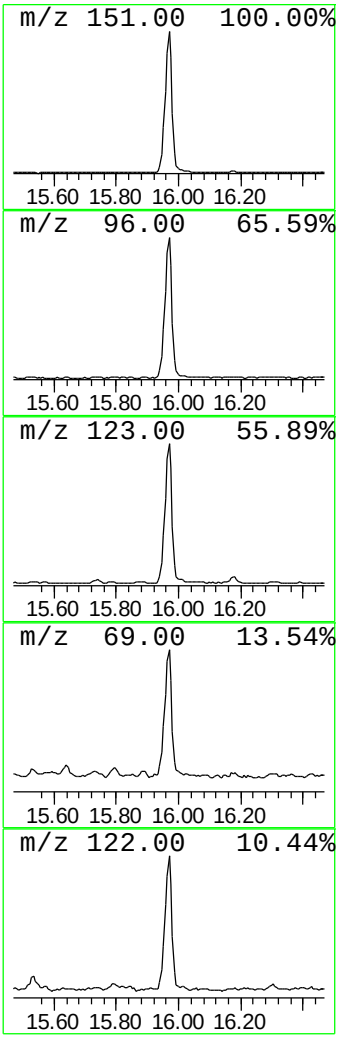
Peak Number 25 2(3H)-Benzothiazolone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	10.92 ng/ul	2439690	Phenanthrene-d10	17.02

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	94
3	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
4	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	46
5	1,2,4-Triazolo[4,3-a]pyridine-3(...	151	C6H5N3S	006952-68-7	38





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Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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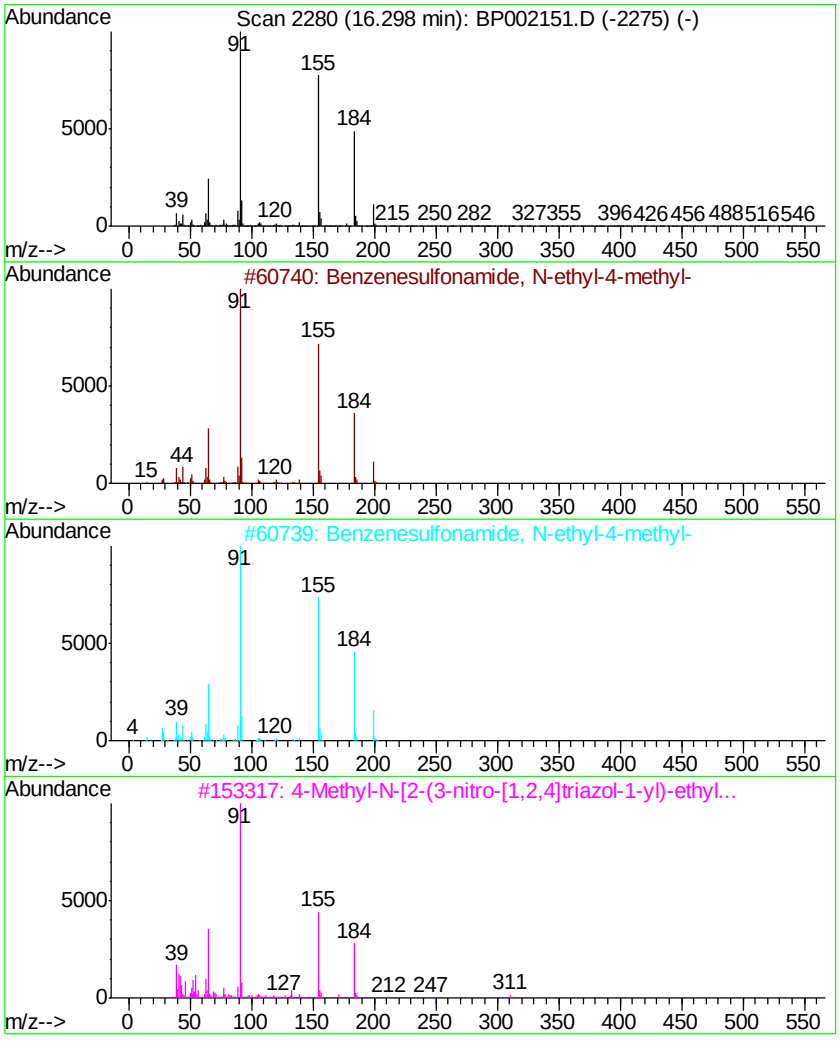
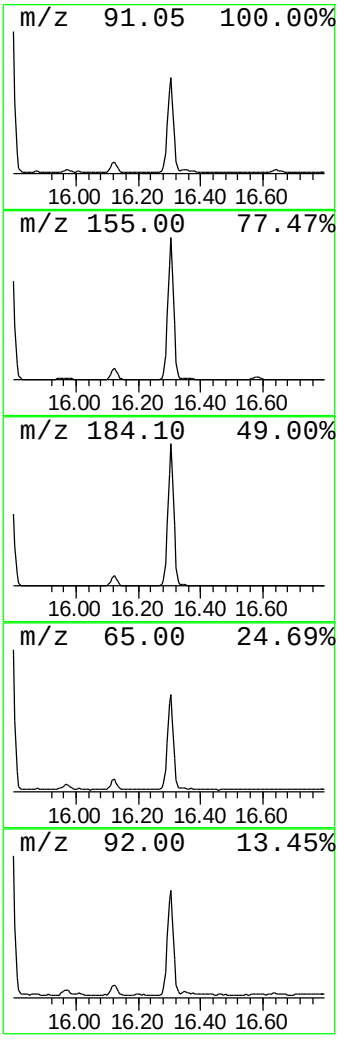
Peak Number 26 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	12.77 ng/ul	2854070	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
4	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	78
5	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	78





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ClientSampleId : CB5S6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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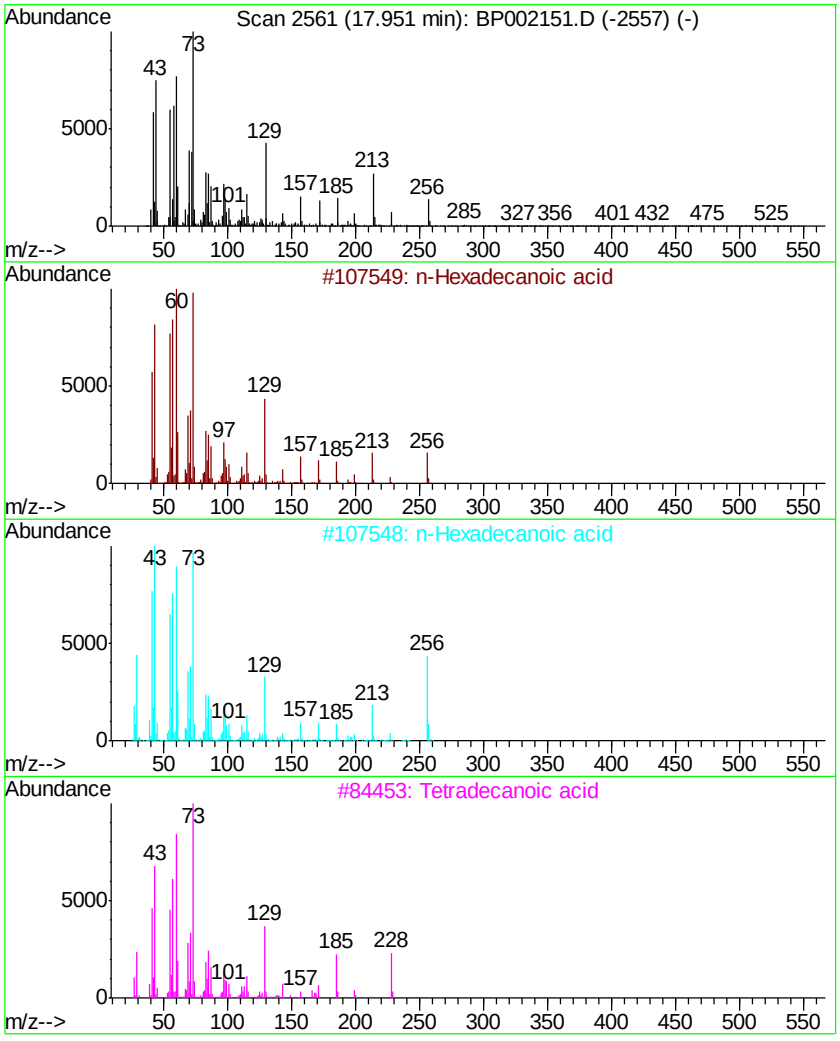
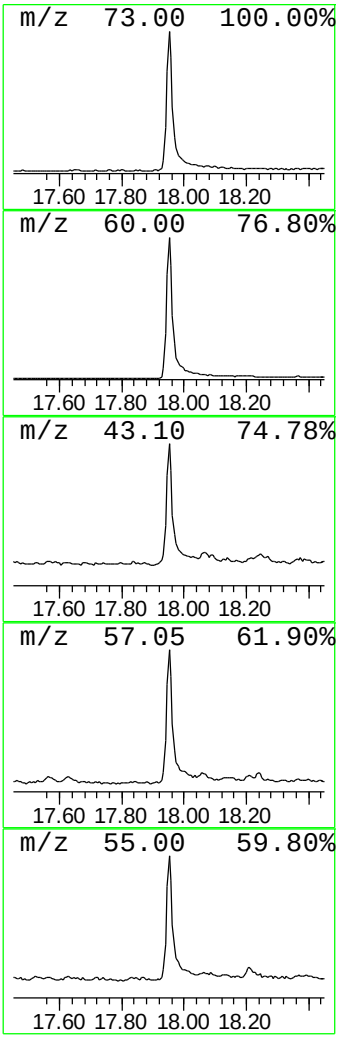
Peak Number 27 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	7.13 ng/ul	1593460	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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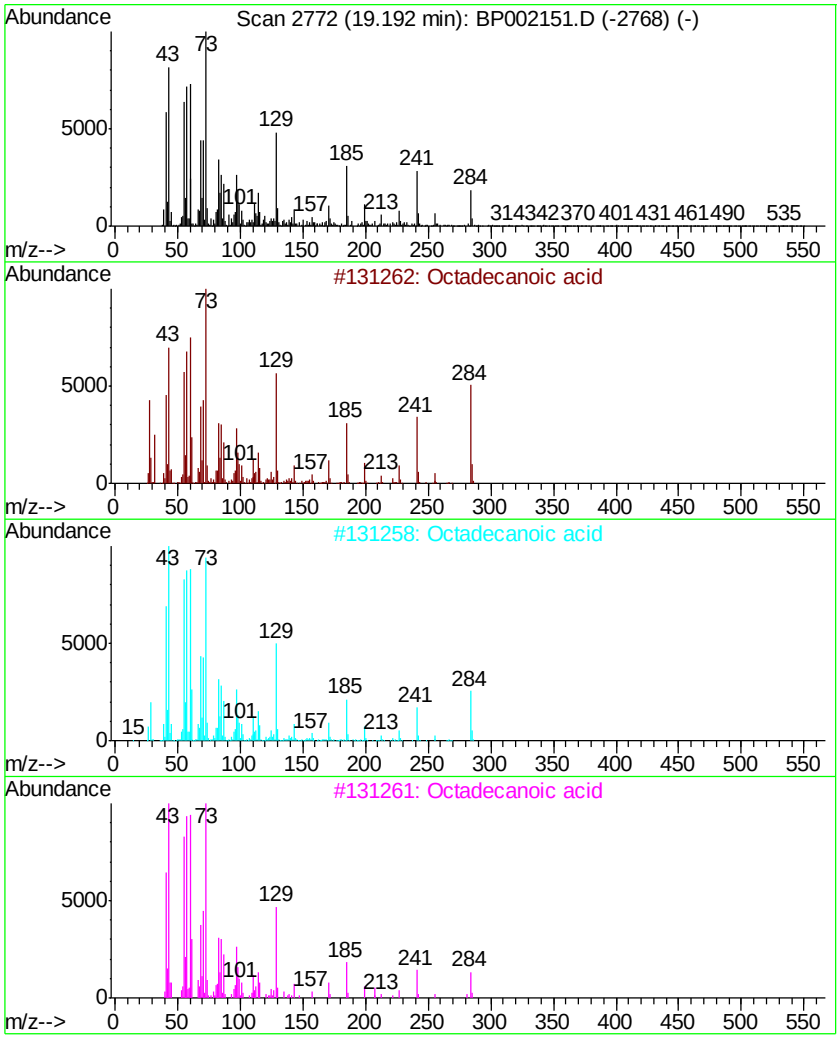
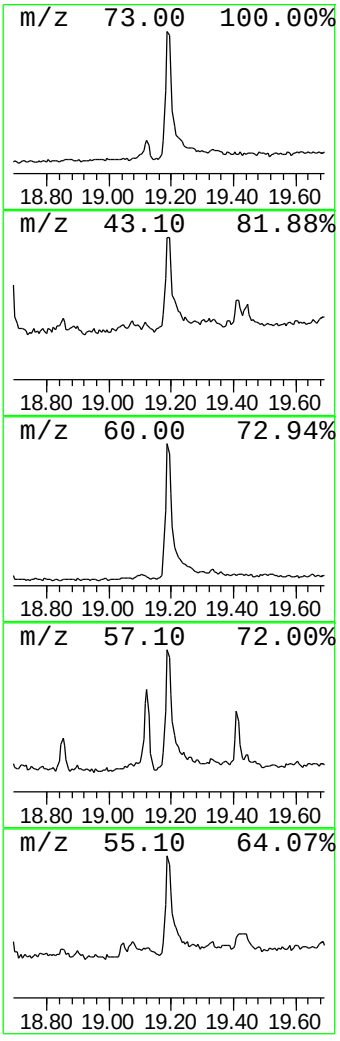
Peak Number 29 Octadecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	3.18 ng/ul	730269	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

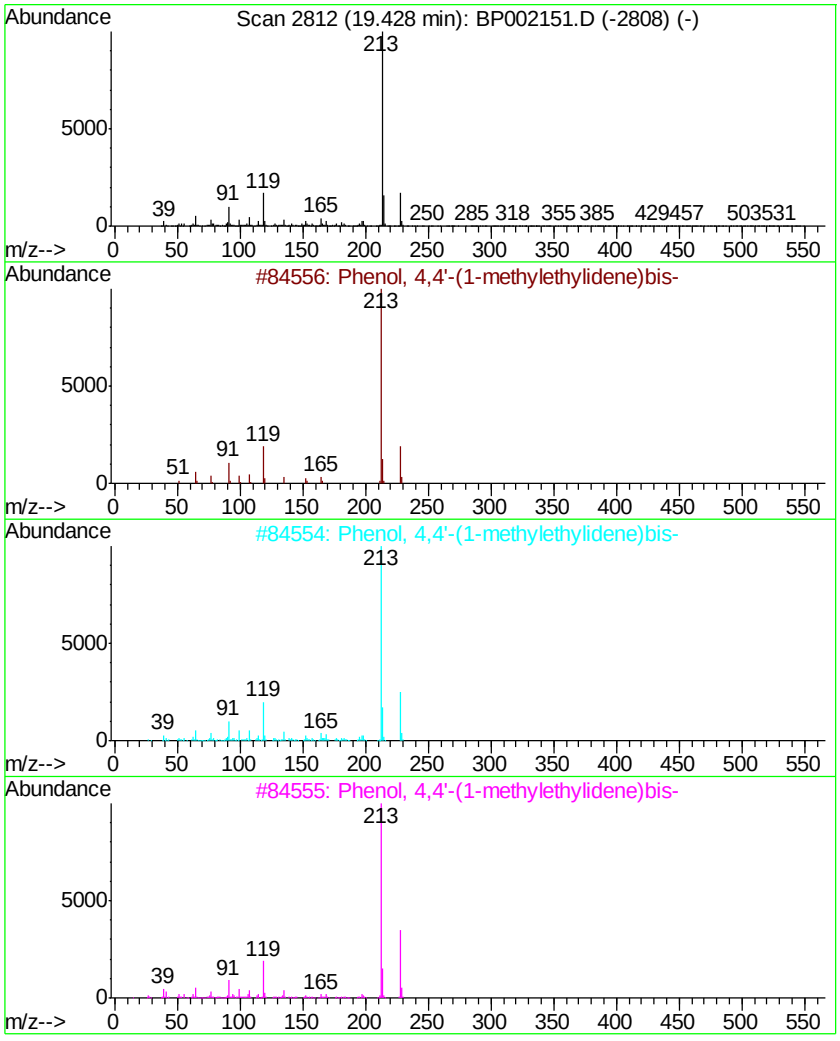
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

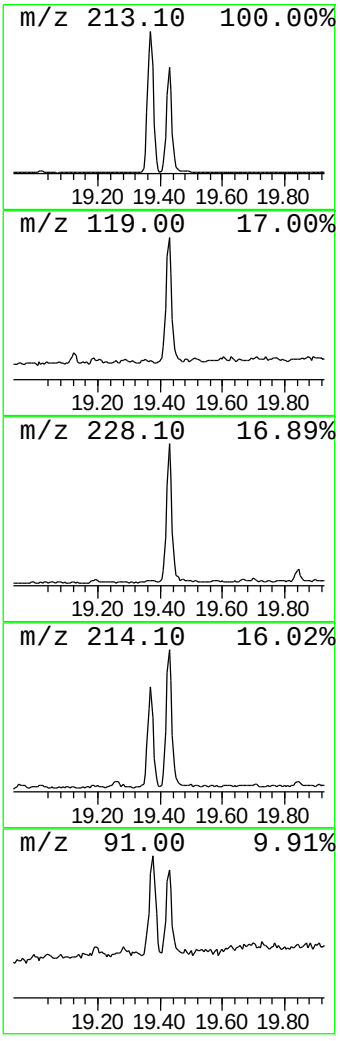
****

Peak Number 30 Phenol, 4,4'-(1-methylethyl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	3.29 ng/ul	755887	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
4	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	42





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Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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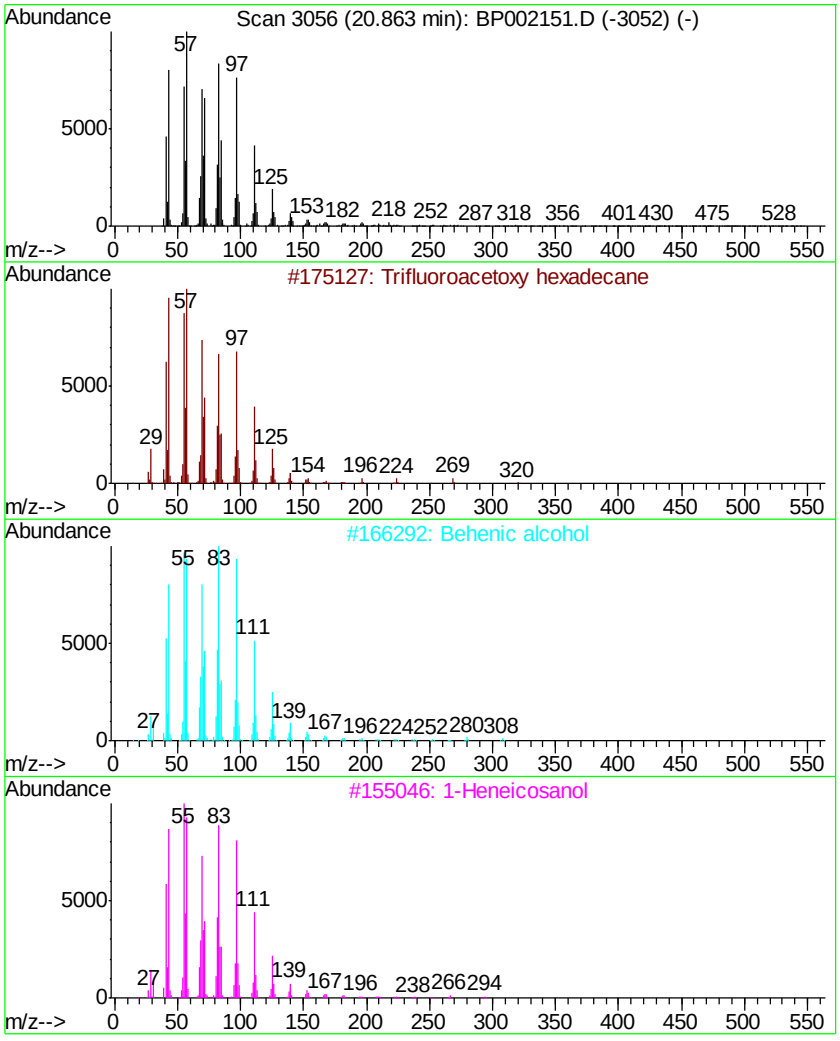
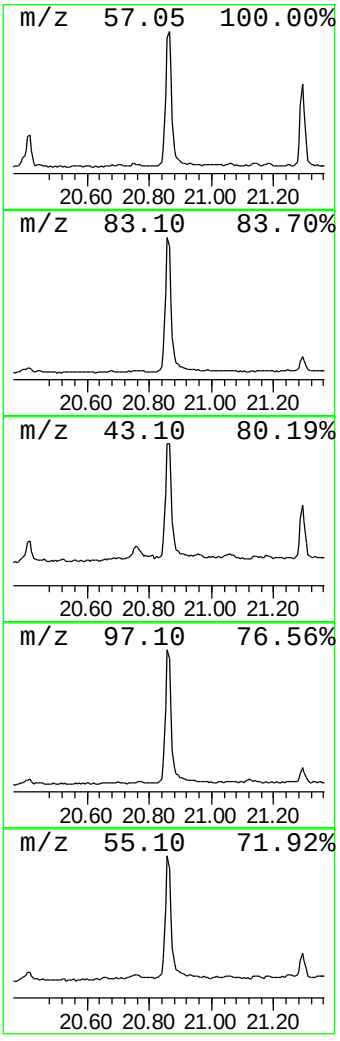
Peak Number 31 Trifluoroacetoxy hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.07 ng/ul	1853570	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Cetene	224	C16H32	000629-73-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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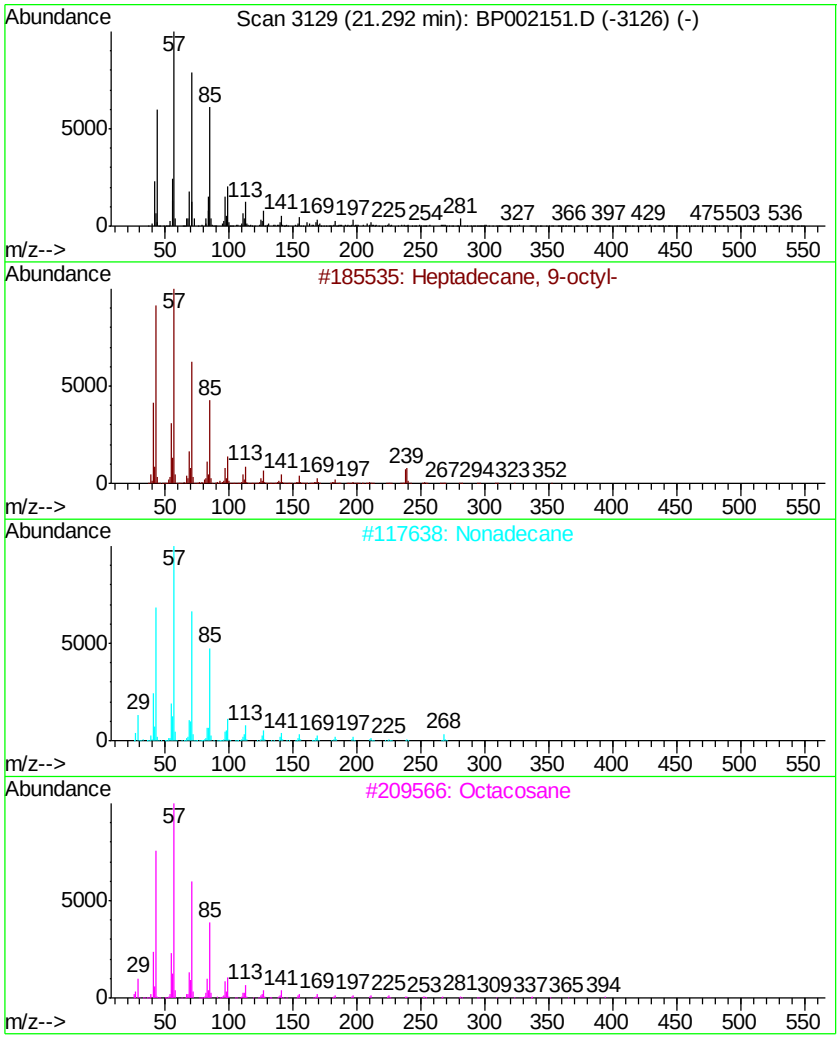
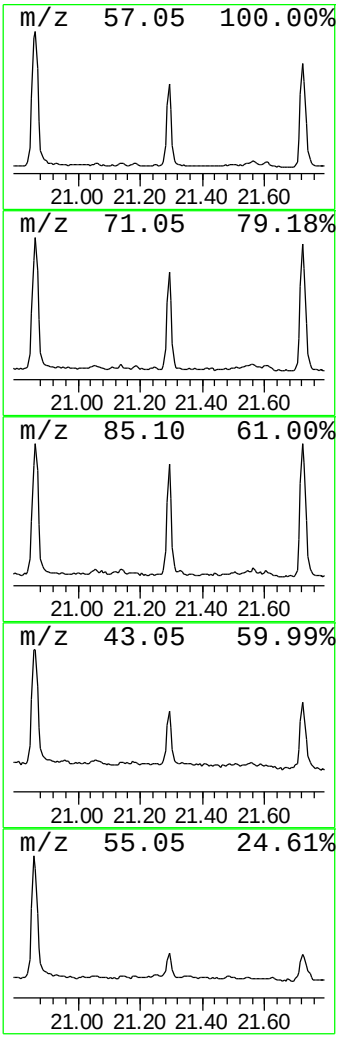
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.50 ng/ul	573896	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

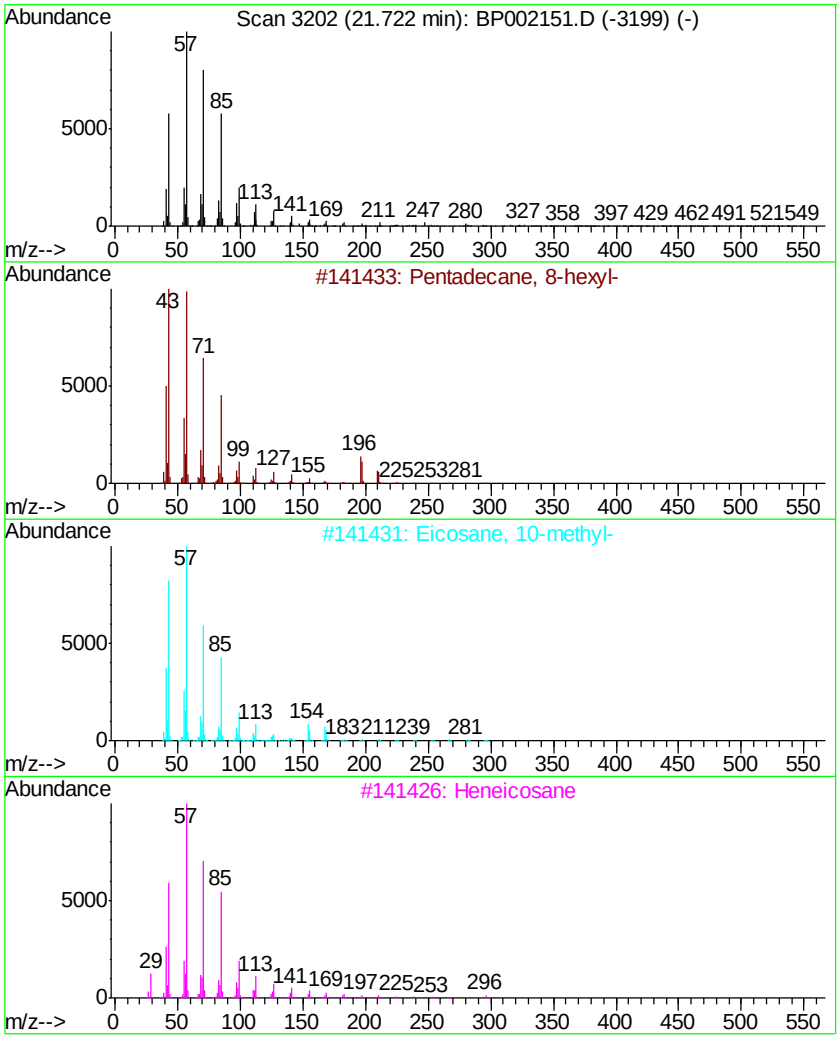
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

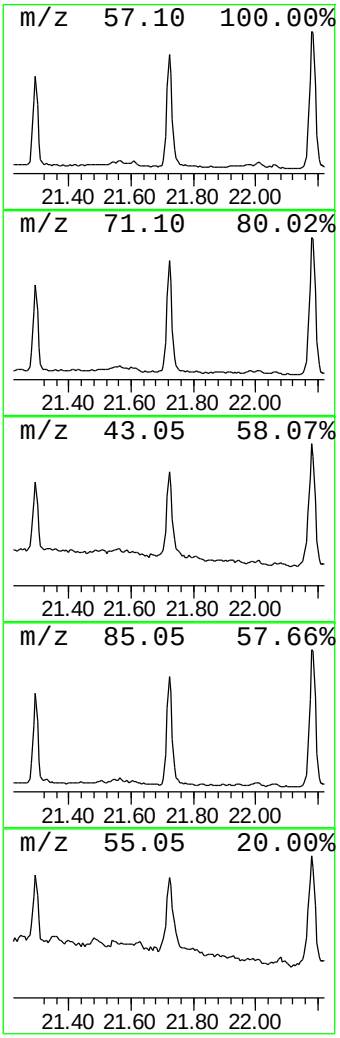
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	3.90 ng/ul	896613	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

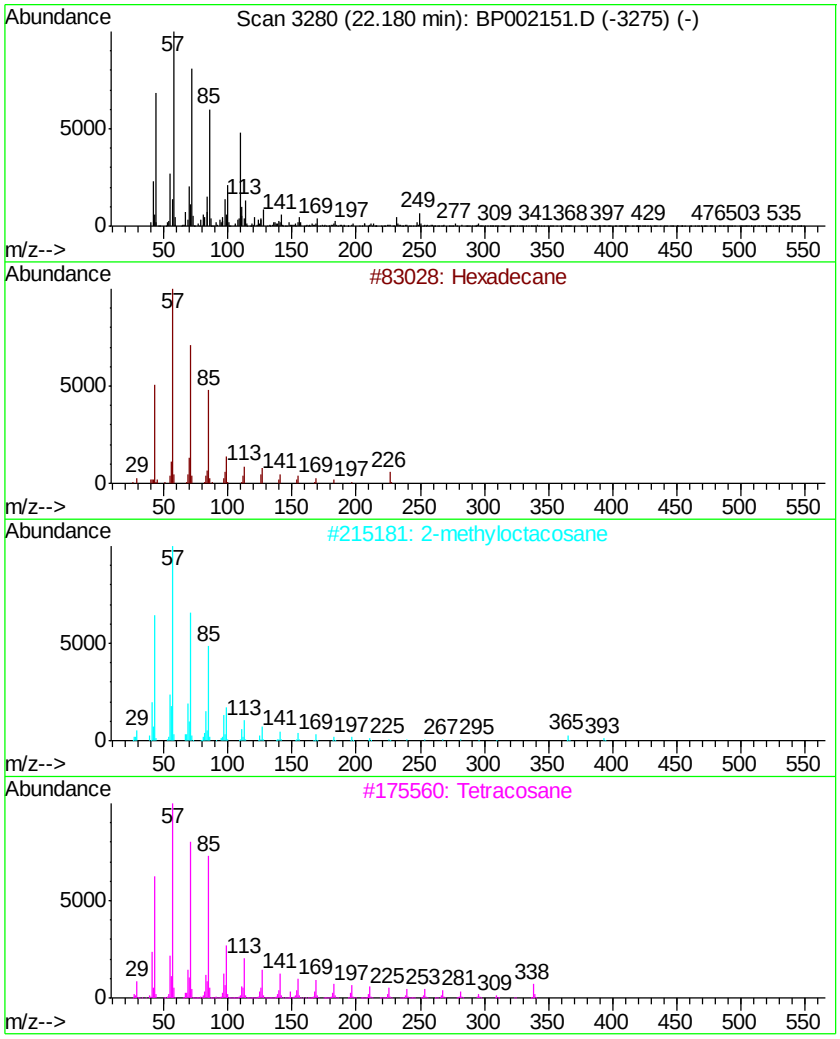
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

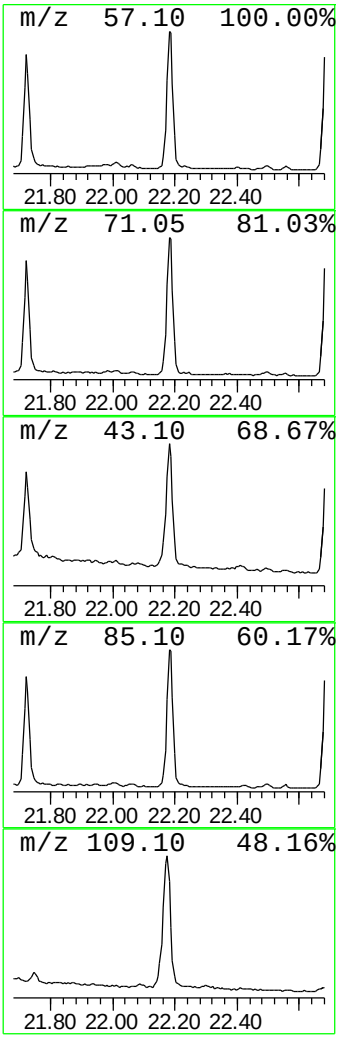
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	7.00 ng/ul	1608780	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	2-methyloctacosane	408	C29H60	1000376-72-8	81
3	Tetracosane	338	C24H50	000646-31-1	76
4	Heneicosane	296	C21H44	000629-94-7	76
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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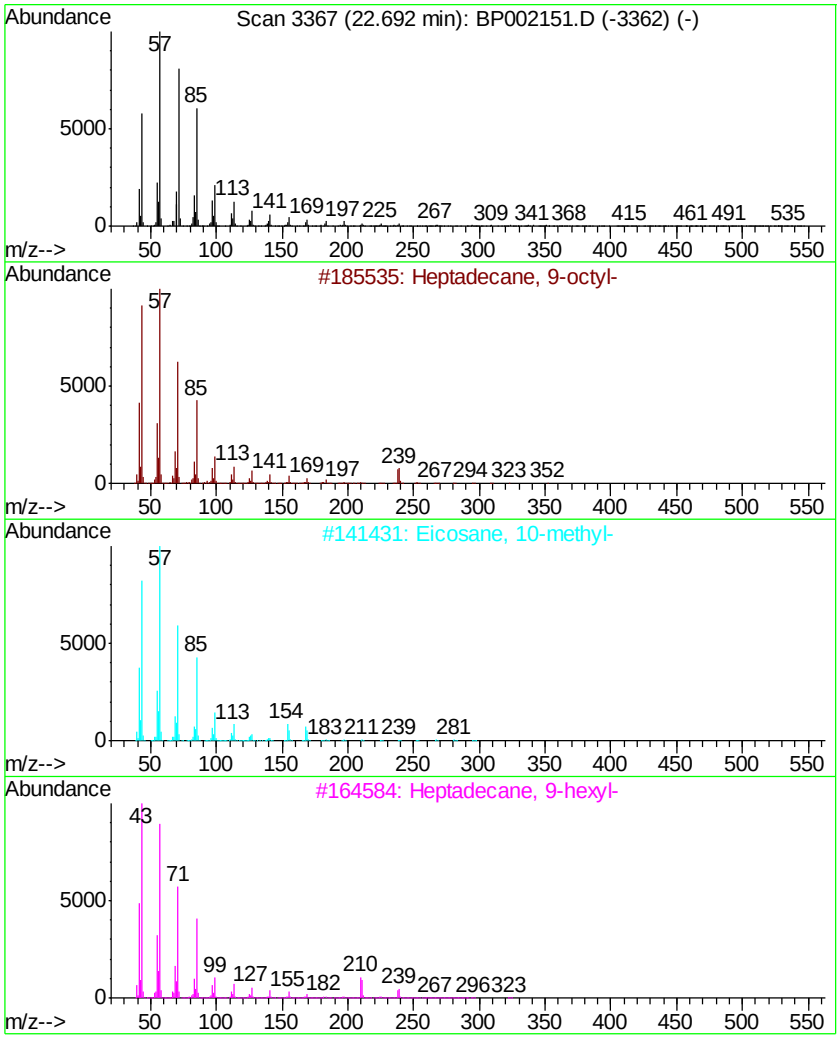
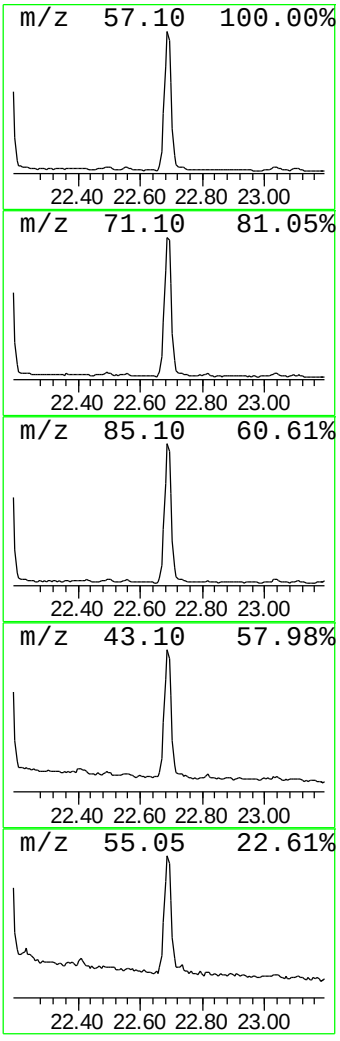
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	5.36 ng/ul	1379310	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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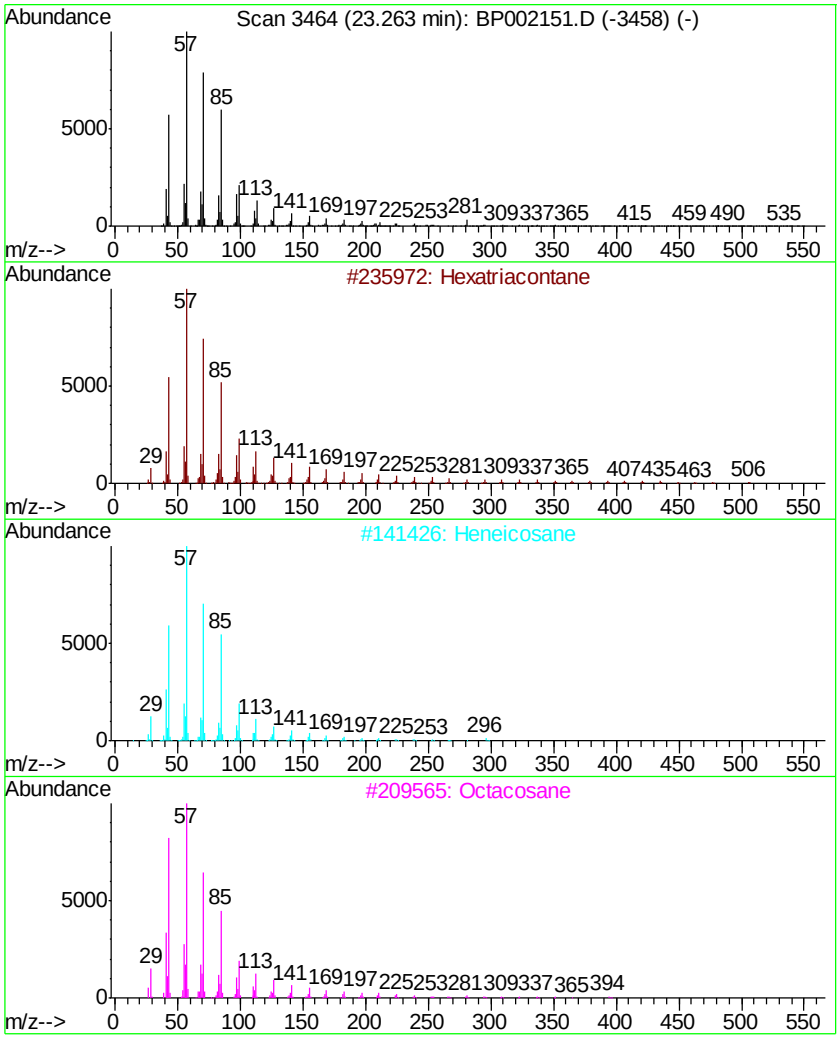
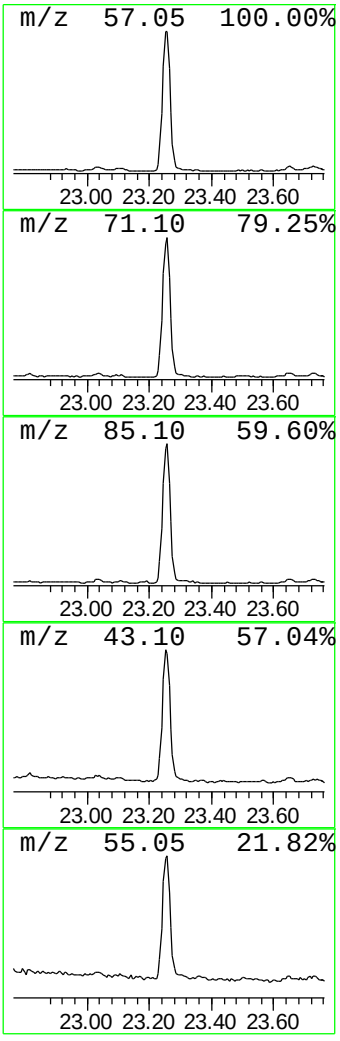
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	5.05 ng/ul	1297970	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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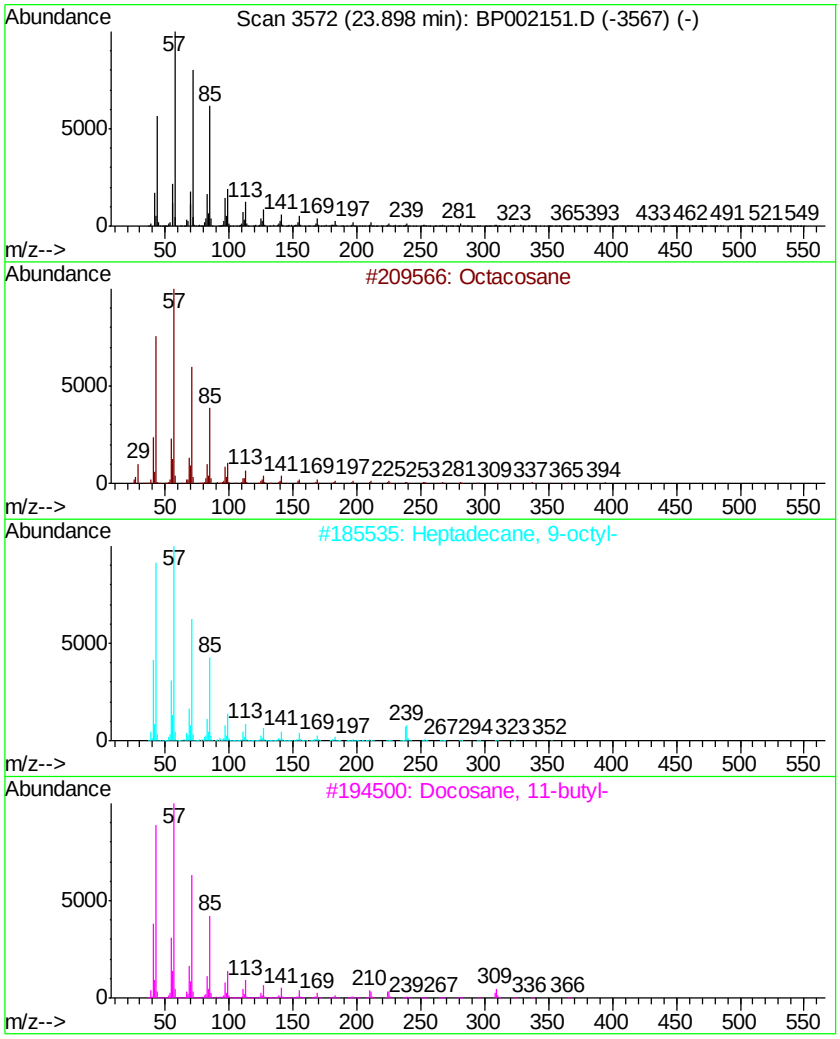
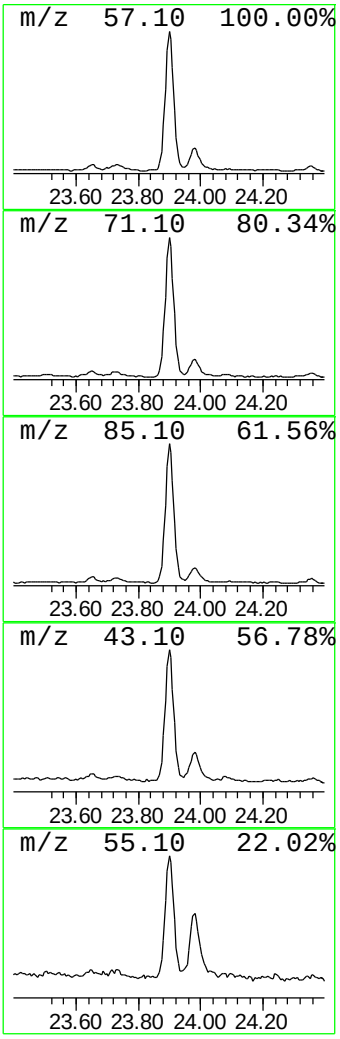
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.55 ng/ul	1170210	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
4	Octacosane	394	C28H58	000630-02-4	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002151.D
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Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

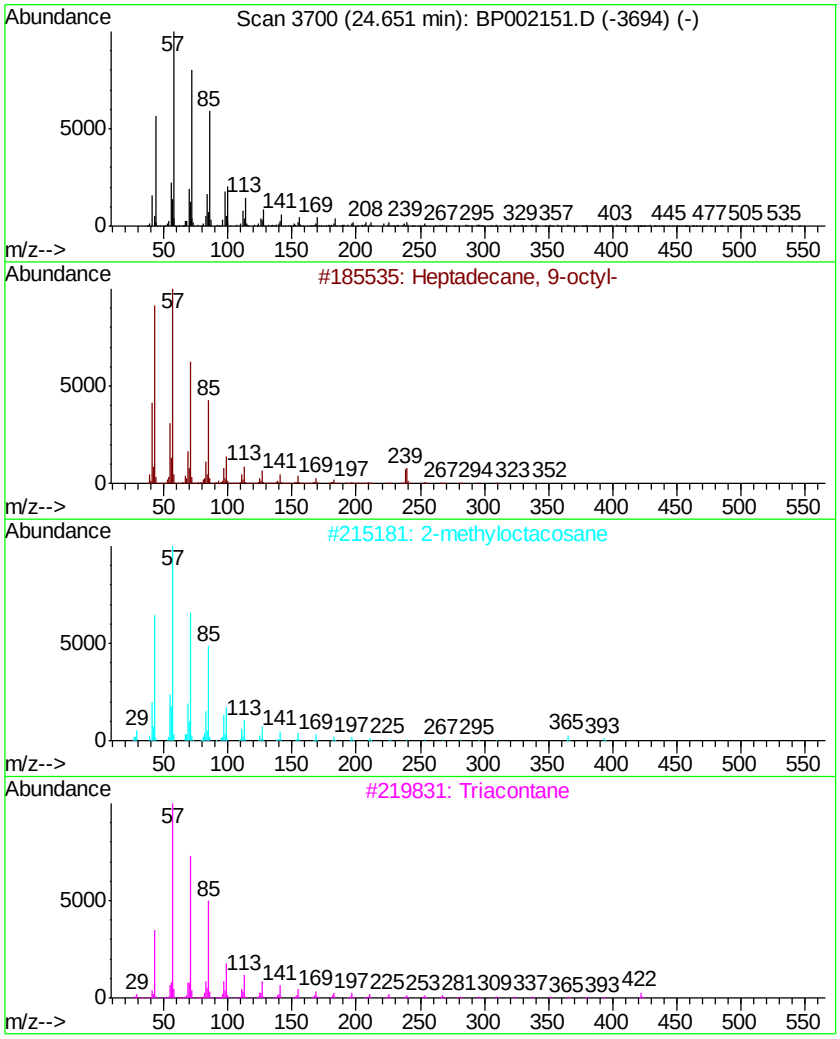
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

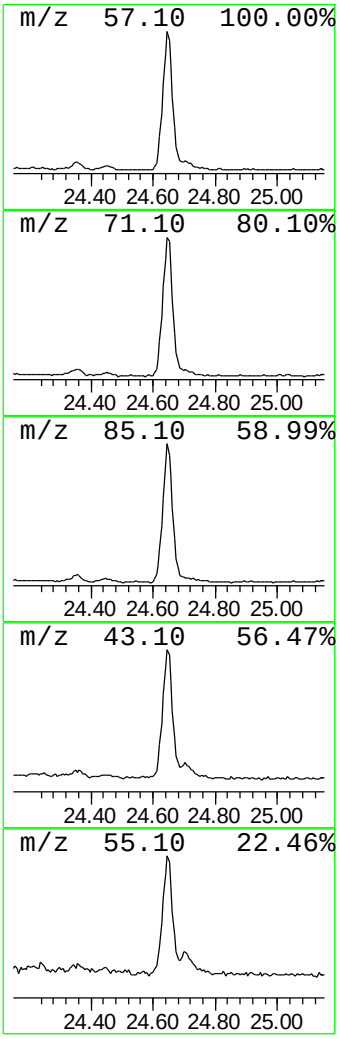
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.76 ng/ul	709456	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031020\
Data File : BP002151.D
Acq On : 10 Mar 2020 15:40
Operator : CG/JU
Sample : L1843-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	9.2	ng/ul	920922	1	7.63	2011150	20.0
Paraldehyde	3.97	4.8	ng/ul	477865	1	7.63	2011150	20.0
1,3-Oxathiolane	4.32	7.3	ng/ul	730578	1	7.63	2011150	20.0
Tetramethylbutane...	7.70	2.4	ng/ul	236600	1	7.63	2011150	20.0
Benzenamine, 3-me...	8.62	120.3	ng/ul	12098400	1	7.63	2011150	20.0
unknown-01	9.14	2.4	ng/ul	331545	2	10.41	2721830	20.0
unknown-02	9.27	3.5	ng/ul	474457	2	10.41	2721830	20.0
unknown-03	9.63	2.3	ng/ul	316356	2	10.41	2721830	20.0
1,6-Octadiene, 5,...	9.68	2.7	ng/ul	371875	2	10.41	2721830	20.0
unknown-04	9.96	5.9	ng/ul	797643	2	10.41	2721830	20.0
unknown-05	10.20	2.4	ng/ul	322294	2	10.41	2721830	20.0
unknown-06	11.25	3.3	ng/ul	449702	2	10.41	2721830	20.0
Phenol, p-tert-bu...	11.77	4.9	ng/ul	662244	2	10.41	2721830	20.0
Benzenamine, 3-ch...	11.92	21.4	ng/ul	2914820	2	10.41	2721830	20.0
2-Chloro-5-methyl...	12.02	4.6	ng/ul	626548	2	10.41	2721830	20.0
unknown-07	12.42	2.1	ng/ul	359298	3	14.28	3496740	20.0
unknown-08	13.13	2.7	ng/ul	468309	3	14.28	3496740	20.0
2,4,7,9-Tetrameth...	13.19	3.5	ng/ul	618810	3	14.28	3496740	20.0
Cyclohexene, 1-me...	13.31	2.2	ng/ul	383867	3	14.28	3496740	20.0
Benzoic acid, p-t...	14.10	2.9	ng/ul	499122	3	14.28	3496740	20.0
unknown-09	14.20	4.4	ng/ul	763318	3	14.28	3496740	20.0
Diethyltoluamide	15.03	2.9	ng/ul	513193	3	14.28	3496740	20.0
unknown-10	15.53	3.9	ng/ul	676866	3	14.28	3496740	20.0
Benzenesulfonamid...	15.79	18.6	ng/ul	4146130	4	17.02	4468760	20.0
2(3H)-Benzothiazo...	15.97	10.9	ng/ul	2439690	4	17.02	4468760	20.0
Benzenesulfonamid...	16.30	12.8	ng/ul	2854070	4	17.02	4468760	20.0
n-Hexadecanoic acid	17.95	7.1	ng/ul	1593460	4	17.02	4468760	20.0
Octadecanoic acid	19.19	3.2	ng/ul	730269	5	21.12	4593830	20.0
Phenol, 4,4'-(1-m...	19.43	3.3	ng/ul	755887	5	21.12	4593830	20.0
Trifluoroacetoxy ...	20.86	8.1	ng/ul	1853570	5	21.12	4593830	20.0
(DEL) Alkane: Str...	21.29	2.5	ng/ul	573896	5	21.12	4593830	20.0
(DEL) Alkane: Str...	21.72	3.9	ng/ul	896613	5	21.12	4593830	20.0
(DEL) Alkane: Str...	22.18	7.0	ng/ul	1608780	5	21.12	4593830	20.0
(DEL) Alkane: Str...	22.69	5.4	ng/ul	1379310	6	23.33	5143500	20.0
(DEL) Alkane: Str...	23.26	5.0	ng/ul	1297970	6	23.33	5143500	20.0
(DEL) Alkane: Str...	23.90	4.5	ng/ul	1170210	6	23.33	5143500	20.0
(DEL) Alkane: Str...	24.65	2.8	ng/ul	709456	6	23.33	5143500	20.0