LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019408.D
Acq On : 25 Mar 2019 00:49
Operator : JU/SJ
Sample : K2031-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.146	24	27	37	rVB3	32658	55673	1.74%	0.137%
2	3.557	93	97	100	rBV3	12858	20069	0.63%	0.049%
3	3.652	109	113	120	rBV	58078	80416	2.51%	0.198%
4	4.746	295	299	304	rVB	13216	19575	0.61%	0.048%
5	5.134	359	365	376	rVB	72682	107598	3.36%	0.265%
6	5.610	440	446	455	rBV	620385	945753	29.50%	2.332%
7	6.093	523	528	536	rBV	39651	62370	1.95%	0.154%
8	6.275	553	559	564	rVB	208474	316042	9.86%	0.779%
9	6.575	606	610	616	rVB2	36626	57154	1.78%	0.141%
10	6.793	641	647	667	rVV2	197327	528928	16.50%	1.304%
11	6.957	670	675	683	rBV	165184	287541	8.97%	0.709%
12	7.028	683	687	693	rVB4	34268	52080	1.62%	0.128%
13	7.140	700	706	719	rBV	241119	415614	12.96%	1.025%
14	7.604	777	785	792	rBV	521429	842978	26.29%	2.079%
15	7.675	792	797	801	rVV3	25356	54816	1.71%	0.135%
16	7.728	801	806	812	rVV	117125	187663	5.85%	0.463%
17	7.804	813	819	824	rVV2	65180	101065	3.15%	0.249%
18	8.328	900	908	920	rBV	174468	369469	11.52%	0.911%
19	8.451	923	929	939	rVB2	24407	54048	1.69%	0.133%
20	8.698	967	971	977	rVB2	18422	26308	0.82%	0.065%
21	8.775	977	984	998	rBV	193582	377612	11.78%	0.931%
22	9.304	1068	1074	1078	rVB4	13720	23919	0.75%	0.059%
23	9.492	1100	1106	1118	rBV	154104	287790	8.98%	0.710%
24	10.028	1191	1197	1214	rBV2	172924	418954	13.07%	1.033%
25	10.298	1236	1243	1247	rBV	40623	65597	2.05%	0.162%
26	10.386	1251	1258	1274	rVB	712493	1206144	37.62%	2.975%
27	10.563	1280	1288	1309	rBV	77243	243314	7.59%	0.600%
28	11.798	1491	1498	1509	rBV2	74801	156825	4.89%	0.387%
29	11.933	1516	1521	1529	rBV2	33259	65671	2.05%	0.162%
30	12.051	1536	1541	1543	rBV4	8962	17811	0.56%	0.044%
31	12.086	1543	1547	1553	rVB6	9447	19167	0.60%	0.047%
32	12.227	1565	1571	1578	rBV6	12327	26920	0.84%	0.066%
33	12.392	1592	1599	1600	rBV2	15047	22371	0.70%	0.055%
34	12.586	1629	1632	1638	rVB3	12530	20440	0.64%	0.050%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2031-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	12.851	1672	1677	1684	rBV2	21814	33163	1.03%	0.082%
36	13.433	1772	1776	1780	rBV4	10541	18352	0.57%	0.045%
37	13.680	1813	1818	1822	rBV	530716	715806	22.33%	1.765%
38	13.727	1822	1826	1832	rVV	547171	811317	25.30%	2.001%
39	13.774	1832	1834	1839	rVB2	19525	22094	0.69%	0.054%
40	13.957	1859	1865	1879	rVV	587451	890482	27.77%	2.196%
41	14.063	1879	1883	1891	rVB2	17993	30367	0.95%	0.075%
42	14.263	1911	1917	1925	rVV3	1081356	1727257	53.87%	4.260%
43	14.339	1925	1930	1936	rVB5	12640	25198	0.79%	0.062%
44	14.527	1956	1962	1975	rBV2	55591	180231	5.62%	0.444%
45	14.686	1985	1989	1996	rBV5	33407	50137	1.56%	0.124%
46	14.921	2024	2029	2040	rVB	72967	108557	3.39%	0.268%
47	15.051	2044	2051	2057	rBV	292305	393523	12.27%	0.971%
48	15.104	2057	2060	2063	rVB2	16139	19293	0.60%	0.048%
49	15.151	2063	2068	2071	rBV6	13485	19600	0.61%	0.048%
50	15.263	2081	2087	2095	rBV	813162	1145151	35.72%	2.824%
51	15.321	2095	2097	2106	rVB6	14097	24388	0.76%	0.060%
52	15.410	2106	2112	2122	rBV2	107619	187084	5.84%	0.461%
53	15.504	2122	2128	2131	rBV4	9517	14901	0.46%	0.037%
54	15.674	2152	2157	2161	rVV6	9265	16867	0.53%	0.042%
55	15.815	2178	2181	2186	rBV5	13291	18166	0.57%	0.045%
56	15.968	2203	2207	2208	rBV2	20365	20828	0.65%	0.051%
57	16.098	2224	2229	2232	rBV	22249	33923	1.06%	0.084%
58	16.163	2235	2240	2244	rVV2	24573	52524	1.64%	0.130%
59	16.221	2244	2250	2254	rVV5	25730	51775	1.61%	0.128%
60	16.262	2254	2257	2262	rVB4	15826	22754	0.71%	0.056%
61	16.327	2262	2268	2272	rBV7	15103	38274	1.19%	0.094%
62	16.368	2272	2275	2279	rVV4	22095	29806	0.93%	0.074%
63	16.421	2279	2284	2288	rVV6	28961	49581	1.55%	0.122%
64	16.486	2291	2295	2299	rVV	37573	50768	1.58%	0.125%
65	16.539	2300	2304	2313	rVV2	74536	136707	4.26%	0.337%
66	16.621	2313	2318	2325	rVB2	52194	82490	2.57%	0.203%
67	16.780	2339	2345	2354	rVV	280166	393459	12.27%	0.970%
68	16.892	2359	2364	2375	rVB2	104292	170366	5.31%	0.420%
69	17.021	2376	2386	2391	rBV	1390807	1958799	61.09%	4.831%
70	17.062	2391	2393	2397	rVV	110252	122795	3.83%	0.303%
71	17.121	2397	2403	2413	rVV	857662	1246726	38.88%	3.075%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF5T0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	17.304	2430	2434	2440	rBV2	40565	55240	1.72%	0.136%
73	17.439	2454	2457	2465	rVB2	33547	51794	1.62%	0.128%
74	17.504	2465	2468	2472	rVB4	24784	28530	0.89%	0.070%
75	17.562	2475	2478	2482	rVB4	14959	18547	0.58%	0.046%
76	17.739	2503	2508	2519	rBV	140392	263673	8.22%	0.650%
77	17.915	2532	2538	2547	rBV2	303813	550967	17.18%	1.359%
78	17.992	2547	2551	2555	rVB	127231	166177	5.18%	0.410%
79	18.080	2561	2566	2572	rBV	537920	759476	23.69%	1.873%
80	18.180	2579	2583	2586	rBV	360801	515156	16.07%	1.271%
81	18.233	2586	2592	2601	rVB	602467	1186428	37.00%	2.926%
82	18.733	2675	2677	2680	rBV3	37321	46846	1.46%	0.116%
83	18.780	2681	2685	2689	rVB	230262	296224	9.24%	0.731%
84	18.915	2704	2708	2713	rVB	279553	370421	11.55%	0.914%
85	19.086	2733	2737	2745	rVB	314554	462367	14.42%	1.140%
86	19.203	2753	2757	2766	rBV	304981	496239	15.48%	1.224%
87	19.427	2790	2795	2798	rBV2	1075743	1547027	48.25%	3.815%
88	19.486	2801	2805	2813	rVB	833188	1264870	39.45%	3.120%
89	19.633	2827	2830	2838	rVB3	141890	288014	8.98%	0.710%
90	19.821	2859	2862	2866	rVB	168531	180032	5.62%	0.444%
91	19.962	2878	2886	2893	rBV3	372528	982575	30.65%	2.423%
92	20.027	2894	2897	2905	rVB4	170105	254648	7.94%	0.628%
93	20.362	2950	2954	2958	rBV	2878503	3206198	100.00%	7.907%
94	20.403	2958	2961	2964	rVB	155971	183885	5.74%	0.454%
95	21.133	3081	3085	3088	rBV	976042	1088941	33.96%	2.686%
96	21.221	3095	3100	3105	rBV	2127434	2817878	87.89%	6.950%
97	22.244	3271	3274	3280	rVB2	204702	271781	8.48%	0.670%
98	22.991	3398	3401	3410	rVB	380124	557332	17.38%	1.375%
99	23.297	3448	3453	3458	rBV2	924961	1608932	50.18%	3.968%
100	23.439	3471	3477	3484	rVB	1379907	2575590	80.33%	6.352%

Sum of corrected areas: 40546992

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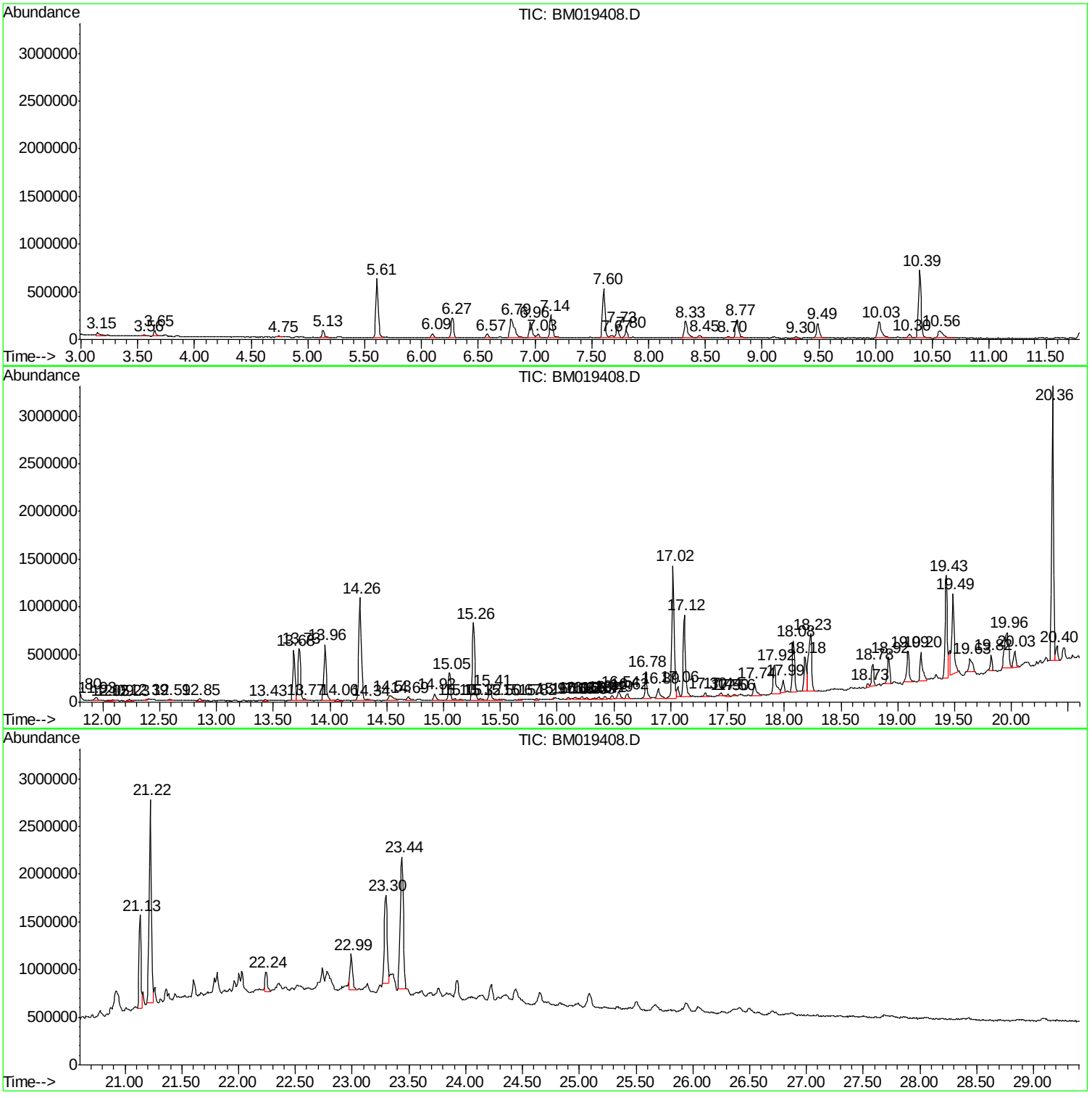
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5T0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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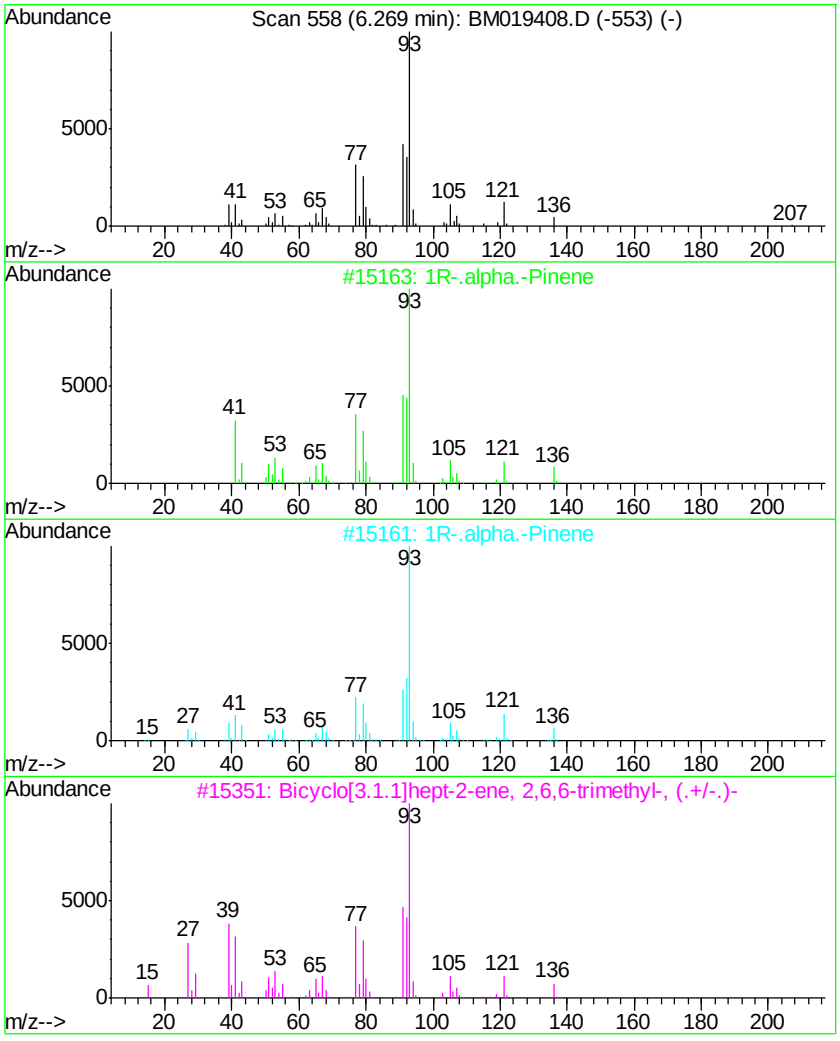
TIC Integration Parameters: LSCINT.P

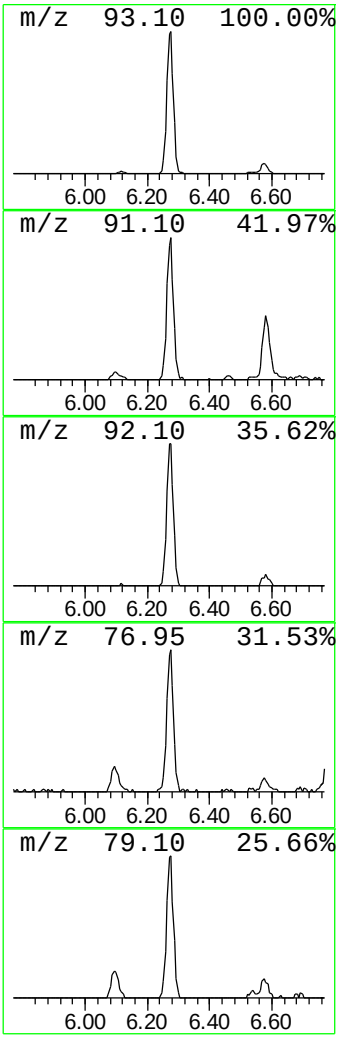
****

Peak Number 3 1R-.alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	7.50 ng/ul	316042	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
3	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

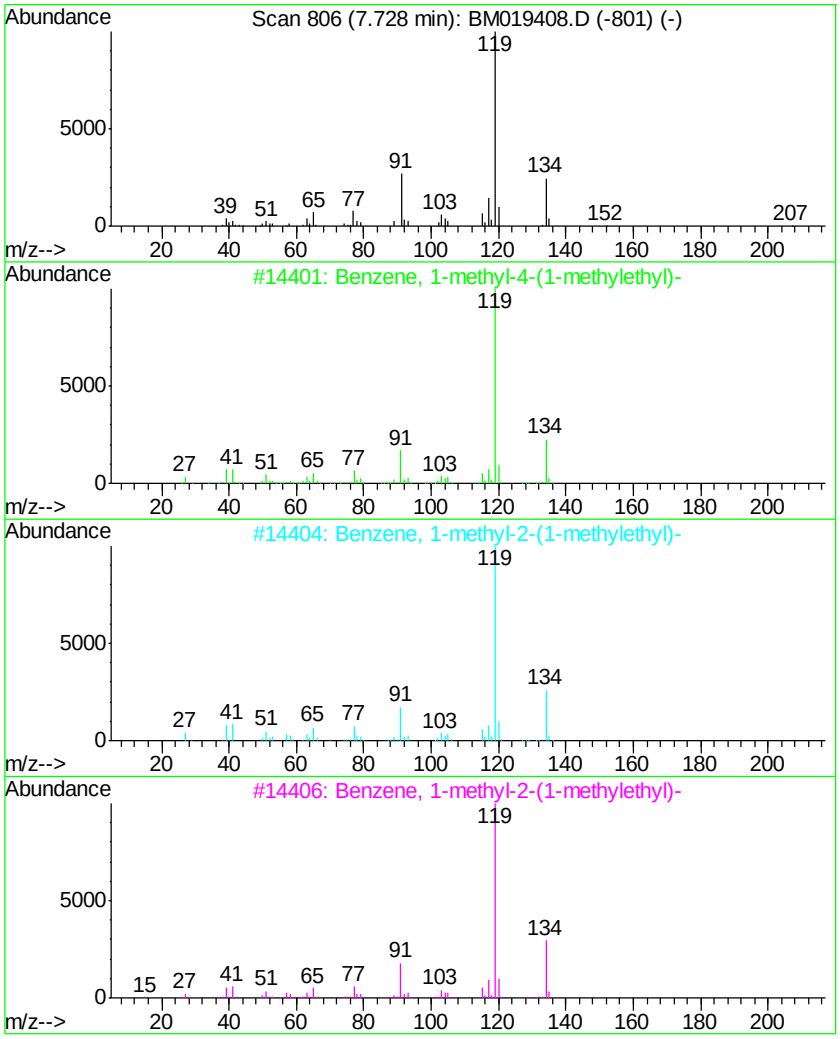
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

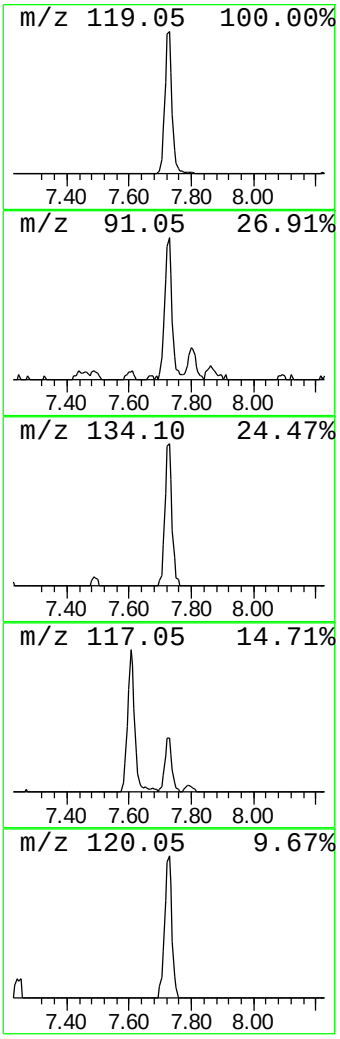
****

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.45 ng/ul	187663	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

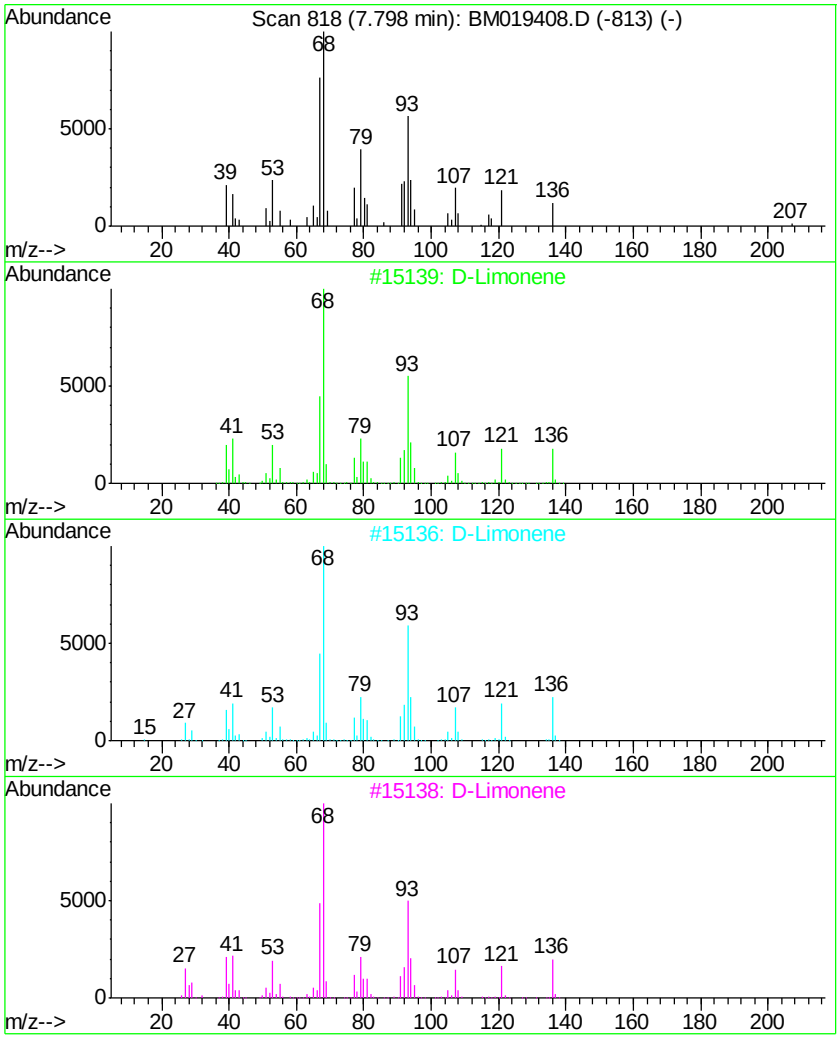
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

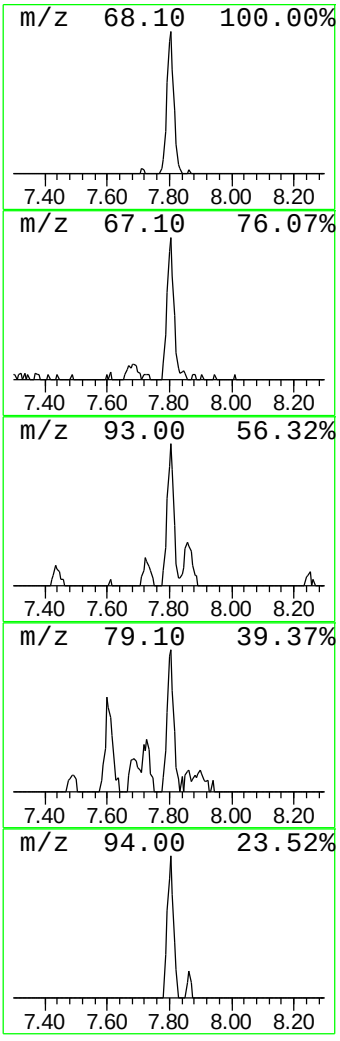
****

Peak Number 5 D-Limonene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.40 ng/ul	101065	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	94
2	D-Limonene	136	C10H16	005989-27-5	94
3	D-Limonene	136	C10H16	005989-27-5	94
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	90
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	86





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

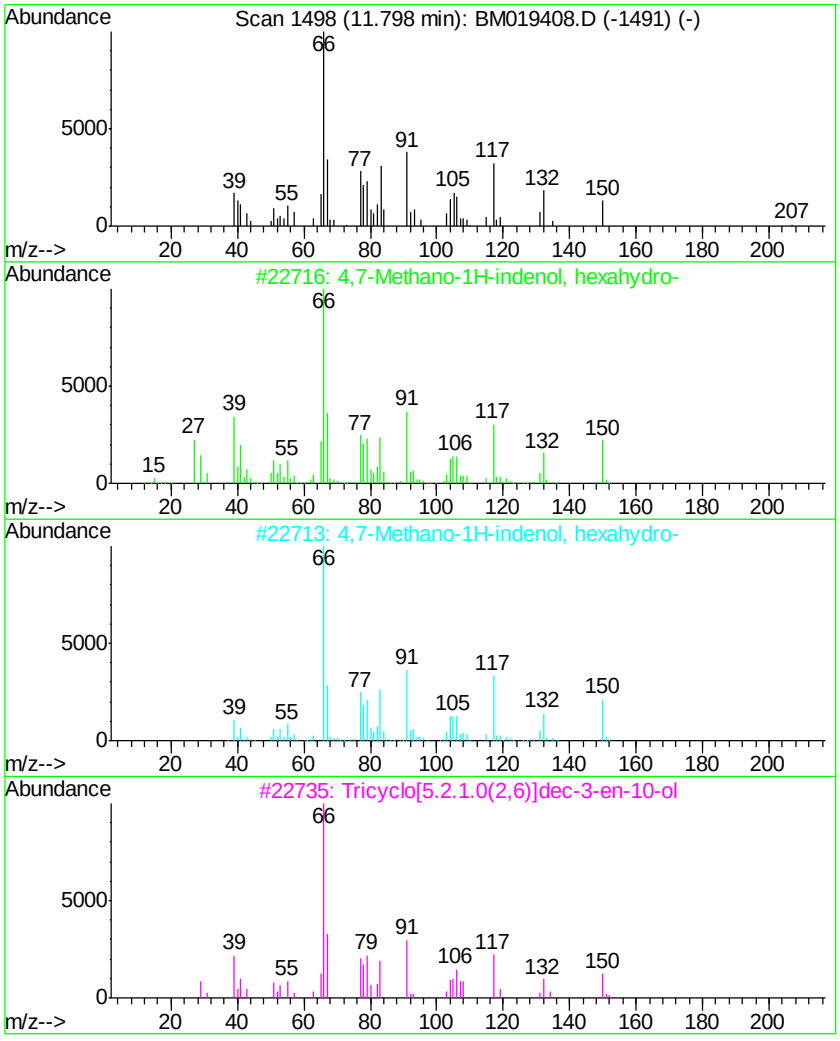
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

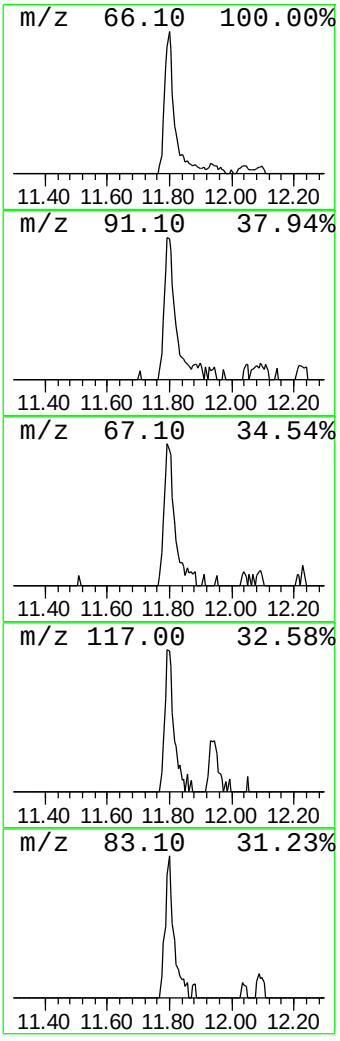
****

Peak Number 6 4,7-Methano-1H-indenol, hex... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.60 ng/ul	156825	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	96
2	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	95
3	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	91
4	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	64
5	4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	59





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Instrument : BNA_M
ClientSampleId : BF5T0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

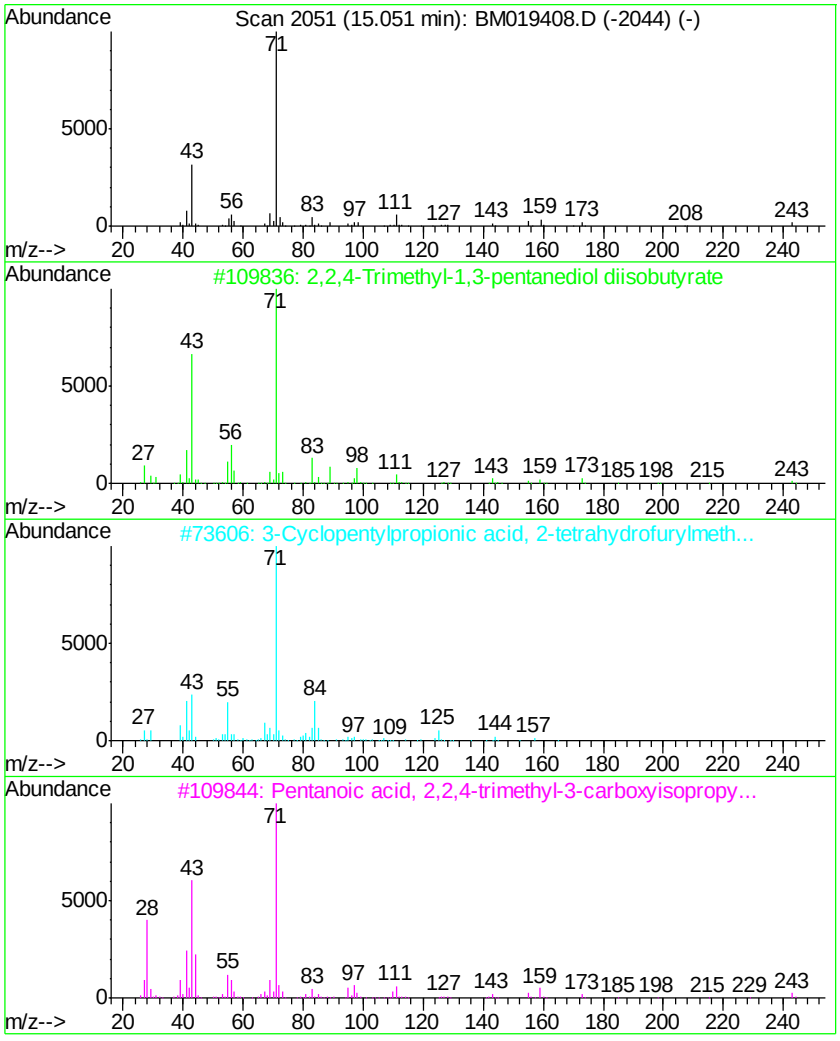
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

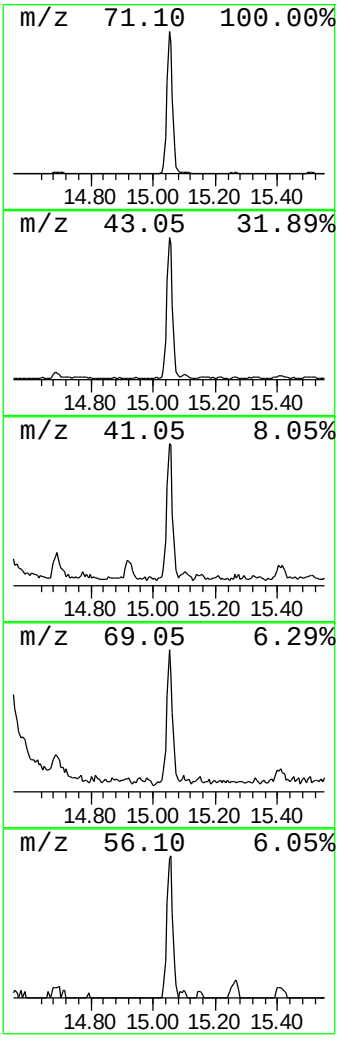
****

Peak Number 7 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	4.56 ng/ul	393523	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
2	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	59
3	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	47
4	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	46
5	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	45





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Acq On : 25 Mar 2019 00:49
Operator : JU/SJ
Sample : K2031-20
Misc :
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Instrument : BNA_M
ClientSampleId : BF5T0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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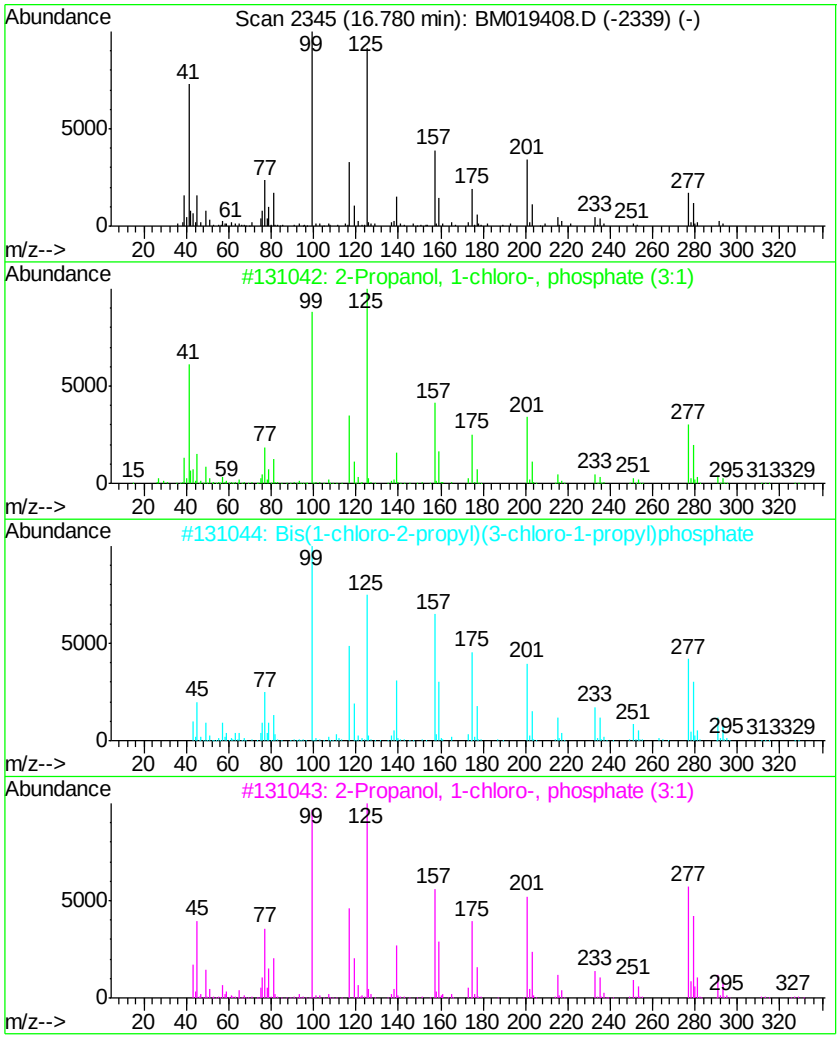
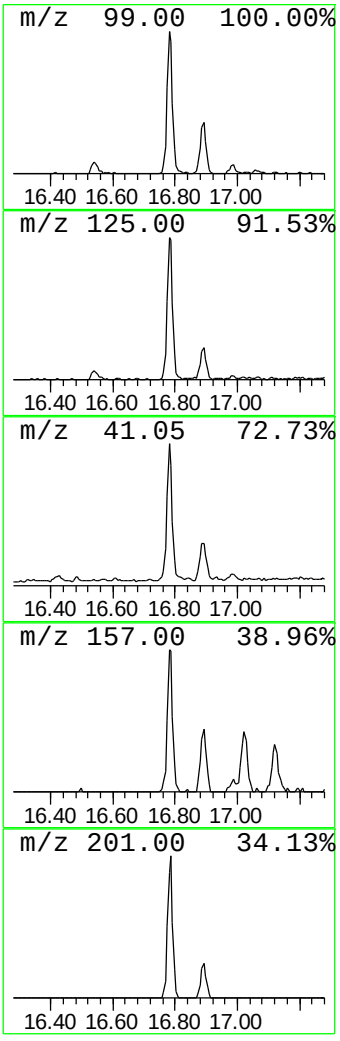
Peak Number 8 2-Propanol, 1-chloro-, phos... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.02 ng/ul	393459	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	91
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	37
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	32
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10





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ClientSampleId : BF5T0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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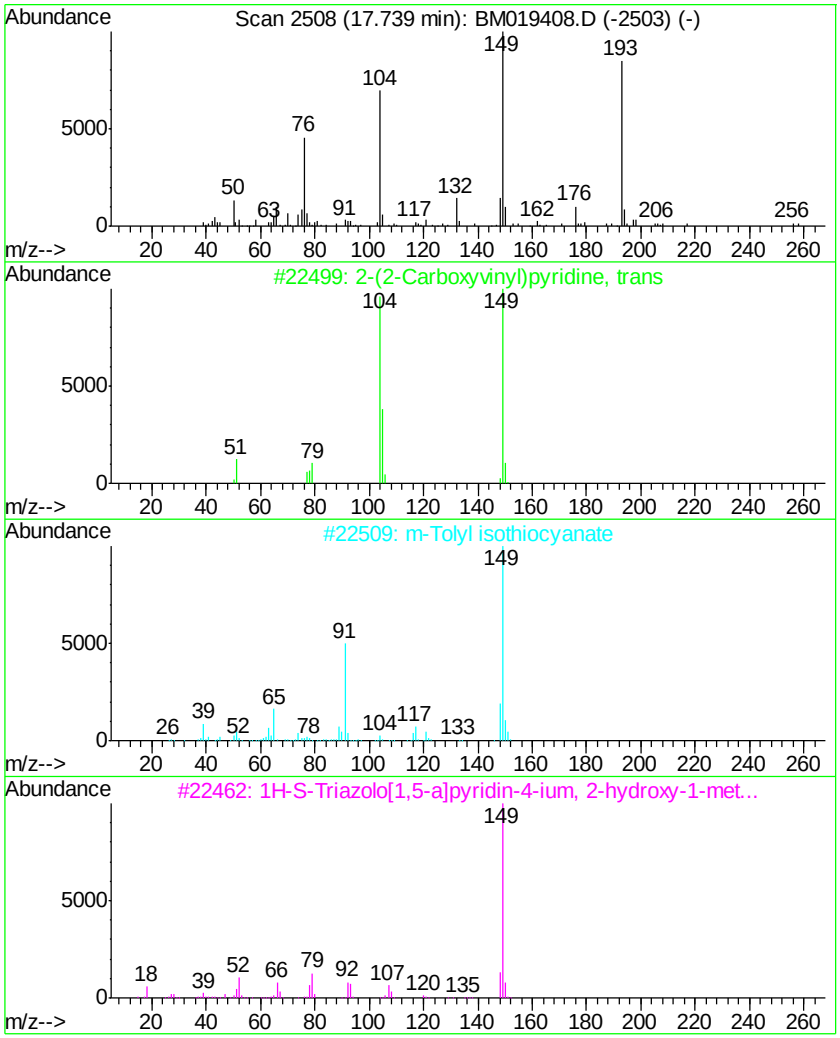
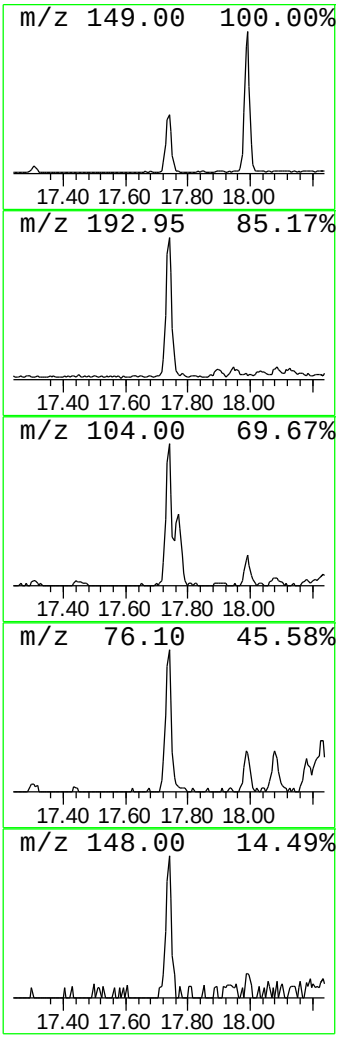
Peak Number 9 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.69 ng/ul	263673	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	25
2	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25
3	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	25
4	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	25
5	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	22





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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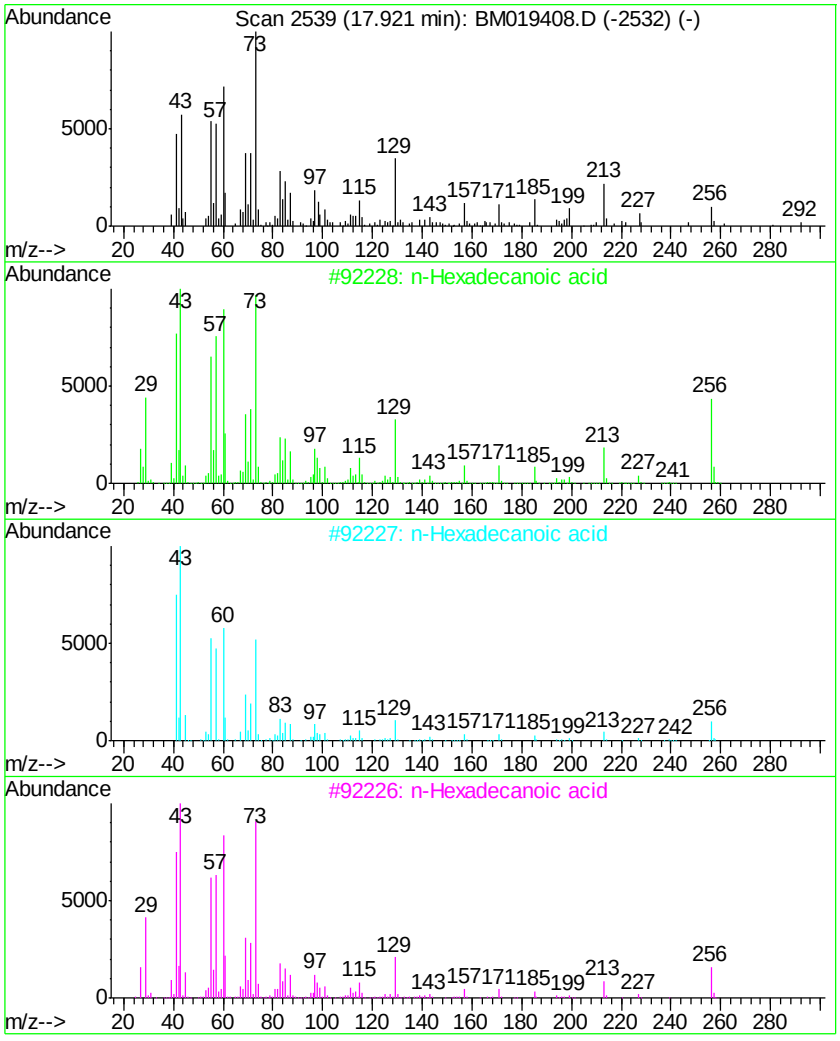
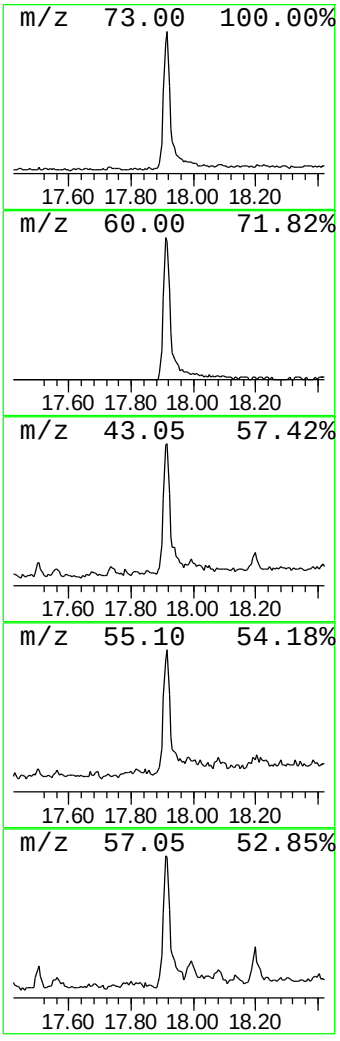
Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.63 ng/ul	550967	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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ClientSampleId : BF5T0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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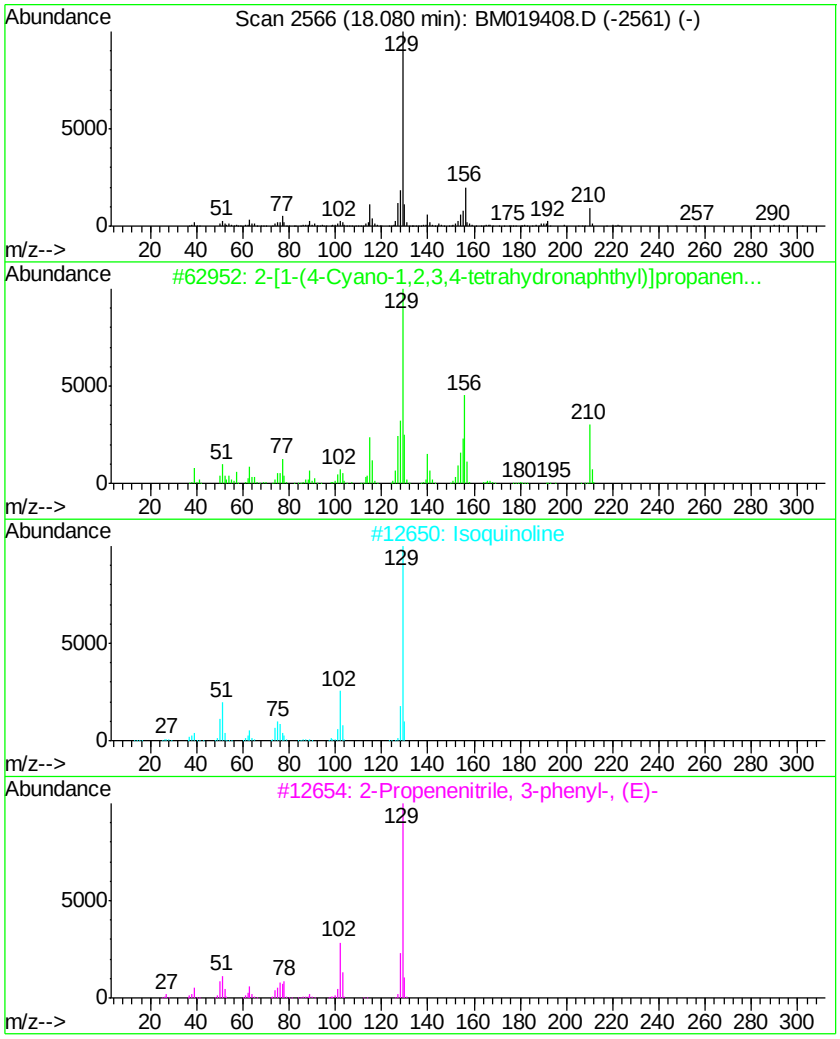
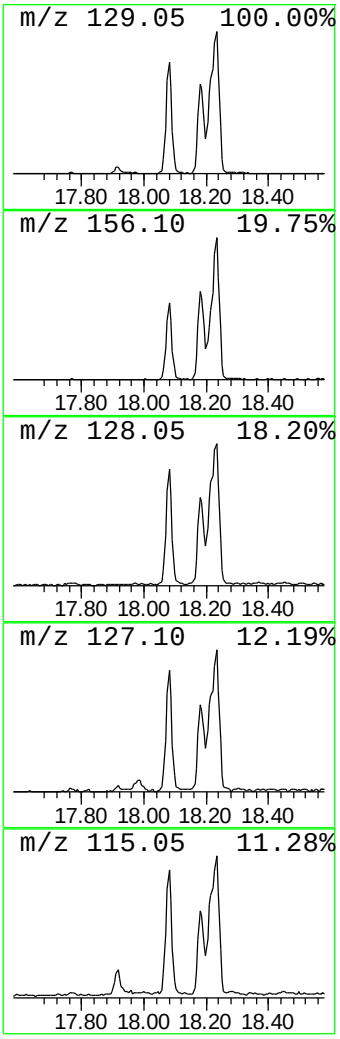
Peak Number 11 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.75 ng/ul	759476	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	78
2	Isoquinoline	129	C9H7N	000119-65-3	52
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
4	Quinoline	129	C9H7N	000091-22-5	47
5	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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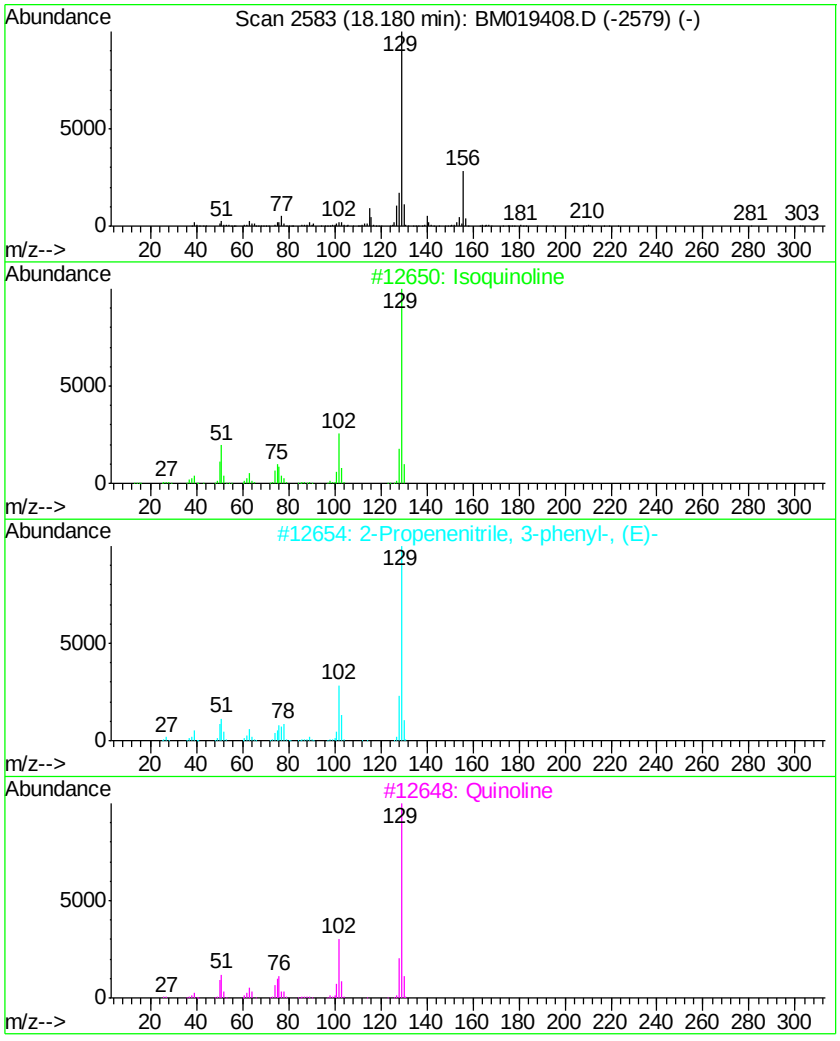
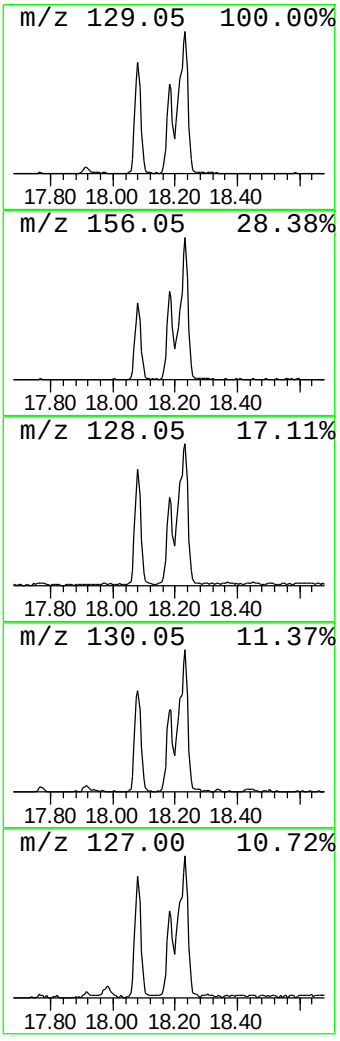
Peak Number 12 Isoquinoline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.26 ng/ul	515156	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	52
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
3	Quinoline	129	C9H7N	000091-22-5	47
4	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	45
5	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	45





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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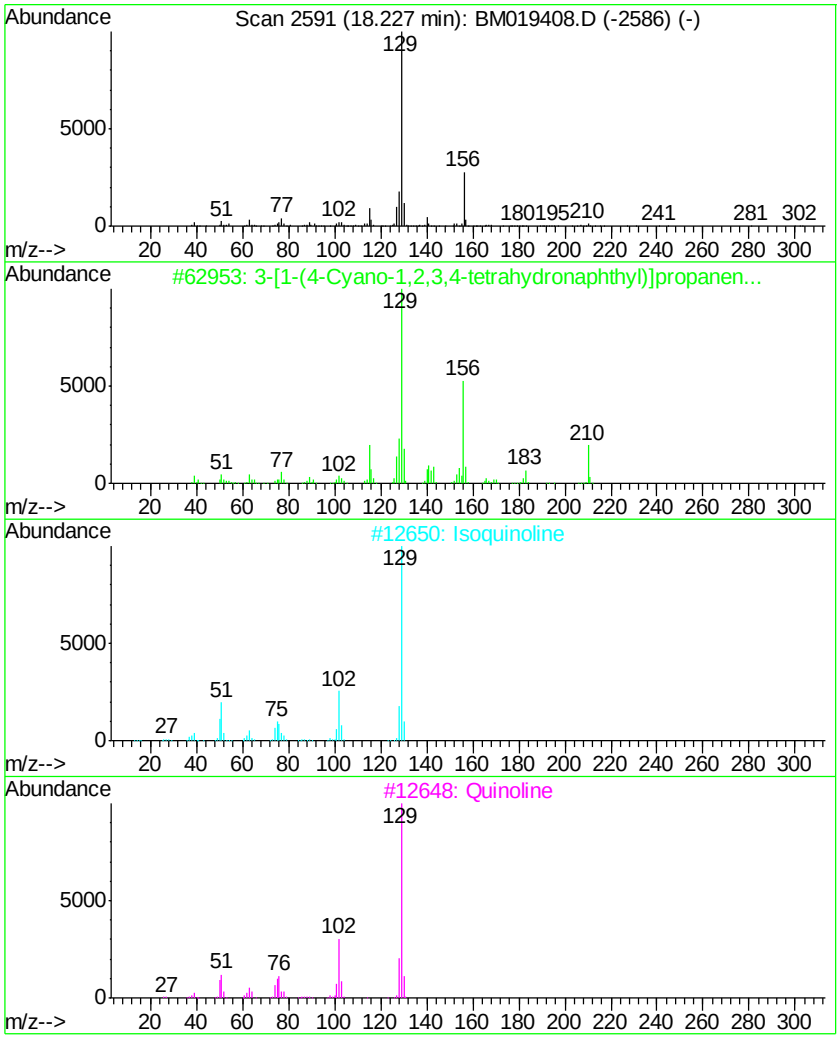
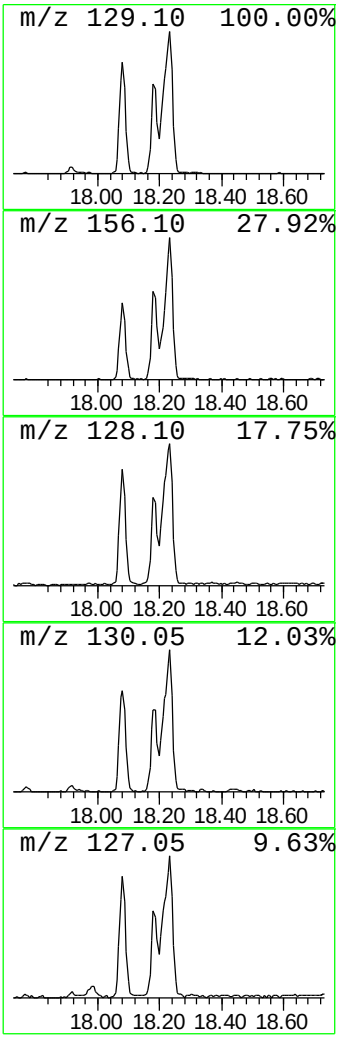
Peak Number 13 3-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	12.11 ng/ul	1186430	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	56
2	Isoquinoline	129	C9H7N	000119-65-3	52
3	Quinoline	129	C9H7N	000091-22-5	49
4	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	40
5	Isoquinoline	129	C9H7N	000119-65-3	38





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Instrument : BNA_M
ClientSampleId : BF5T0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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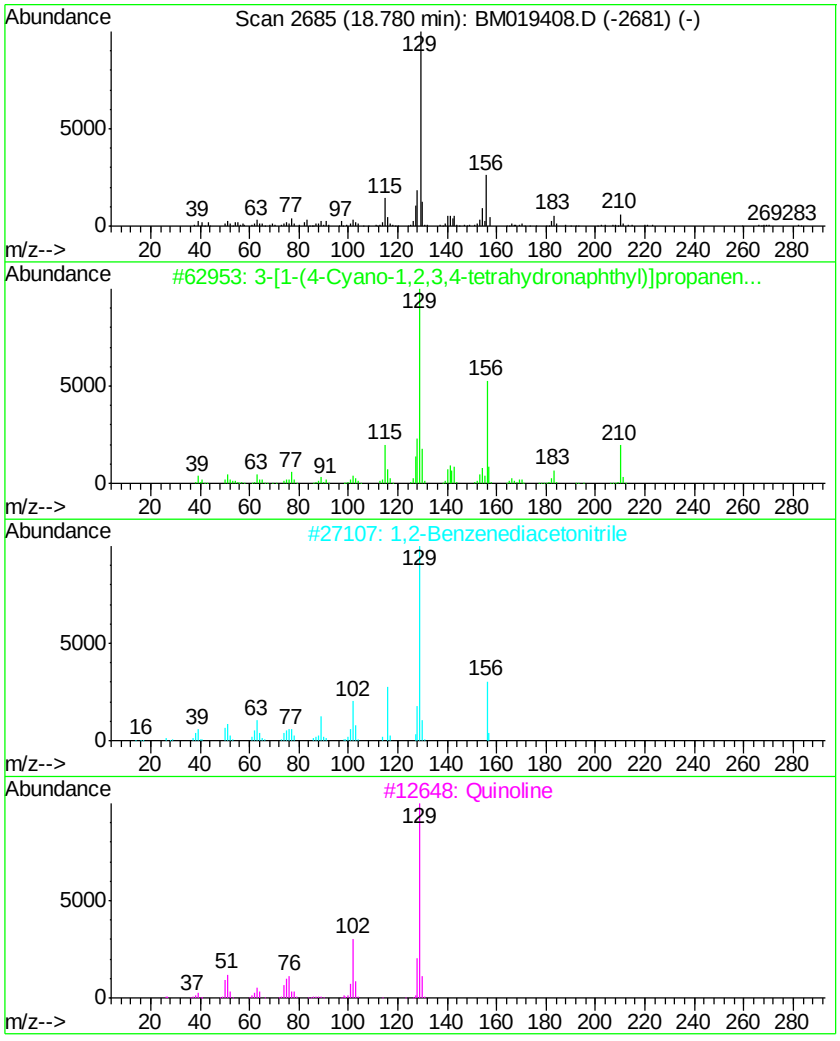
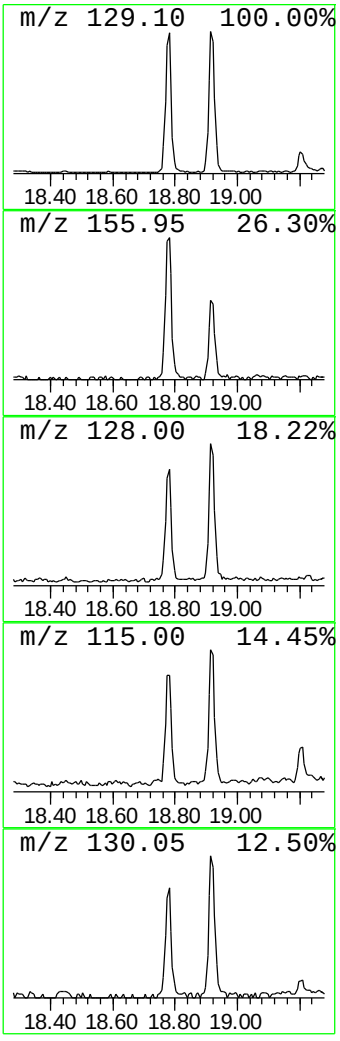
Peak Number 14 1,2-Benzenediacetonitrile Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	3.02 ng/ul	296224	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	92
2	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	59
3	Quinoline	129	C9H7N	000091-22-5	50
4	Isoquinoline	129	C9H7N	000119-65-3	50
5	Quinoline	129	C9H7N	000091-22-5	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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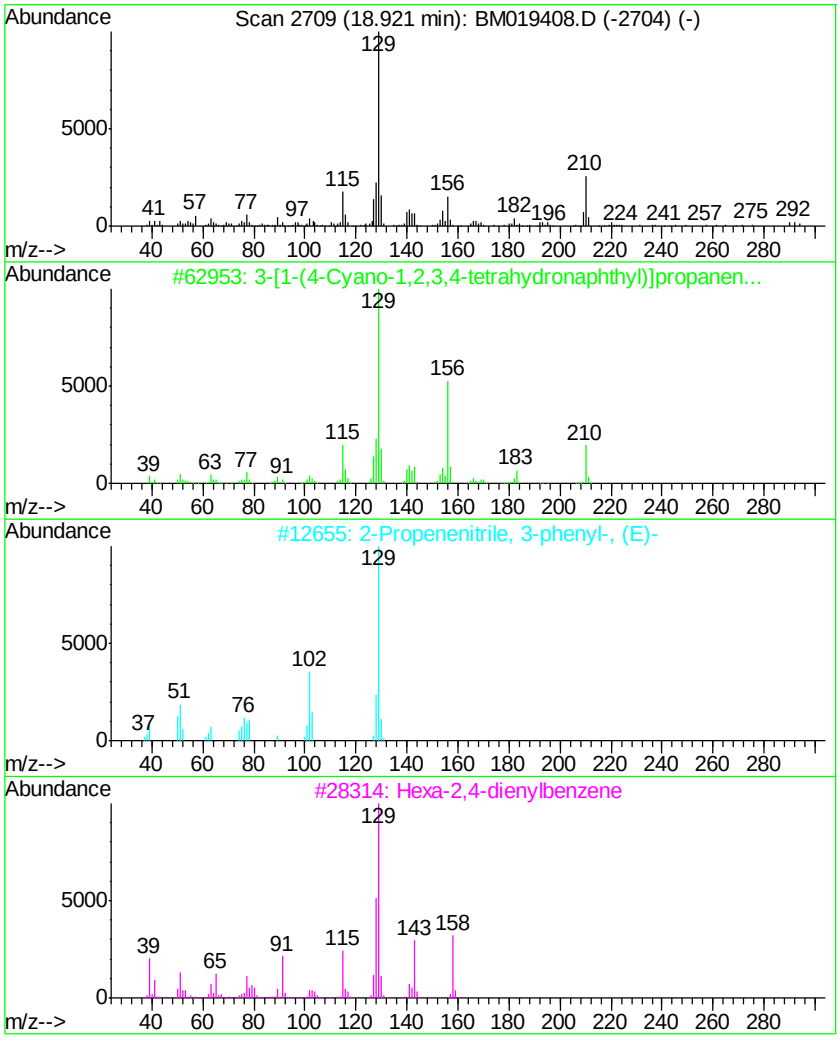
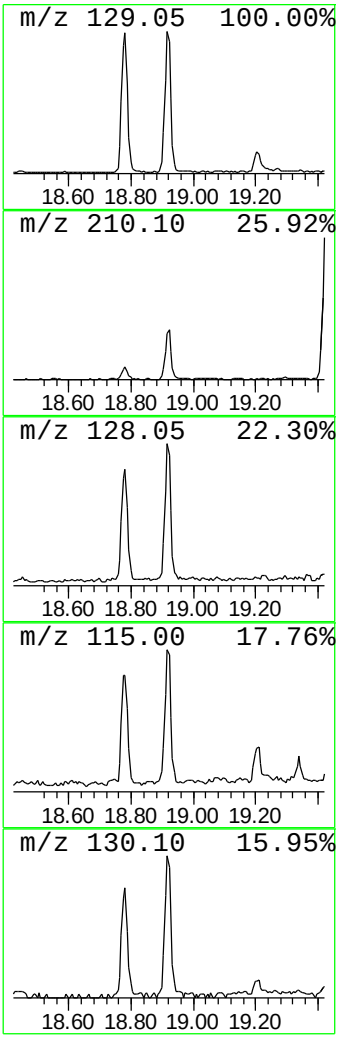
Peak Number 15 2-Propenenitrile, 3-phenyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.78 ng/ul	370421	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	87
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	53
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	47
4	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	42
5	Quinoline	129	C9H7N	000091-22-5	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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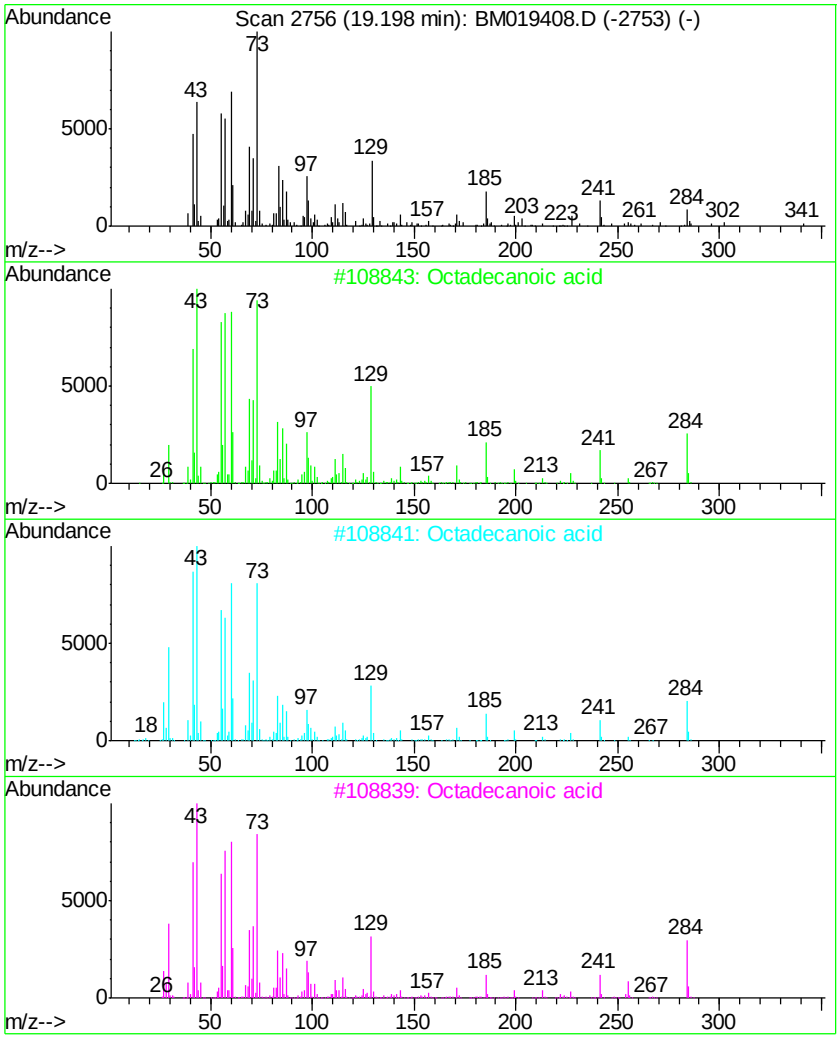
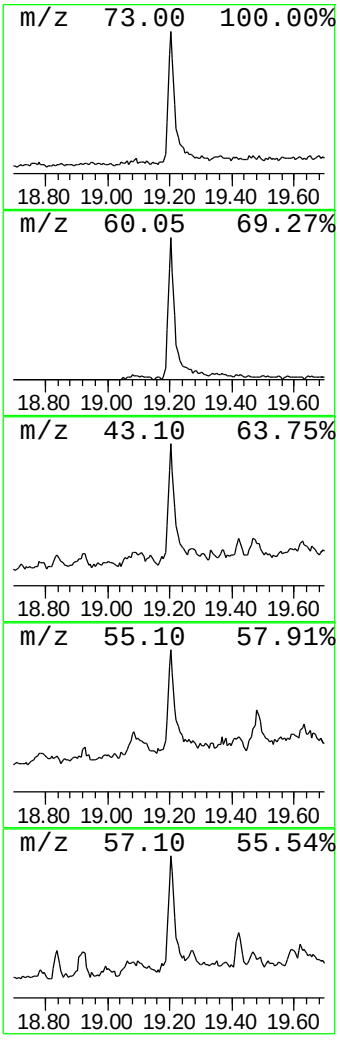
Peak Number 16 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.52 ng/ul	496239	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Quant Title : SVOA CALIBRATION

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Peak Number 17 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.04 ng/ul	288014	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene,3-pentyl-	138	C10H18	037689-14-8	47
2	Cyclopentene,3-(3-methylbutyl)-	138	C10H18	037689-16-0	38
3	Cyclopentene, 1-propyl-	110	C8H14	003074-61-1	38
4	Cyclopentene, 3-propyl-	110	C8H14	034067-75-9	38
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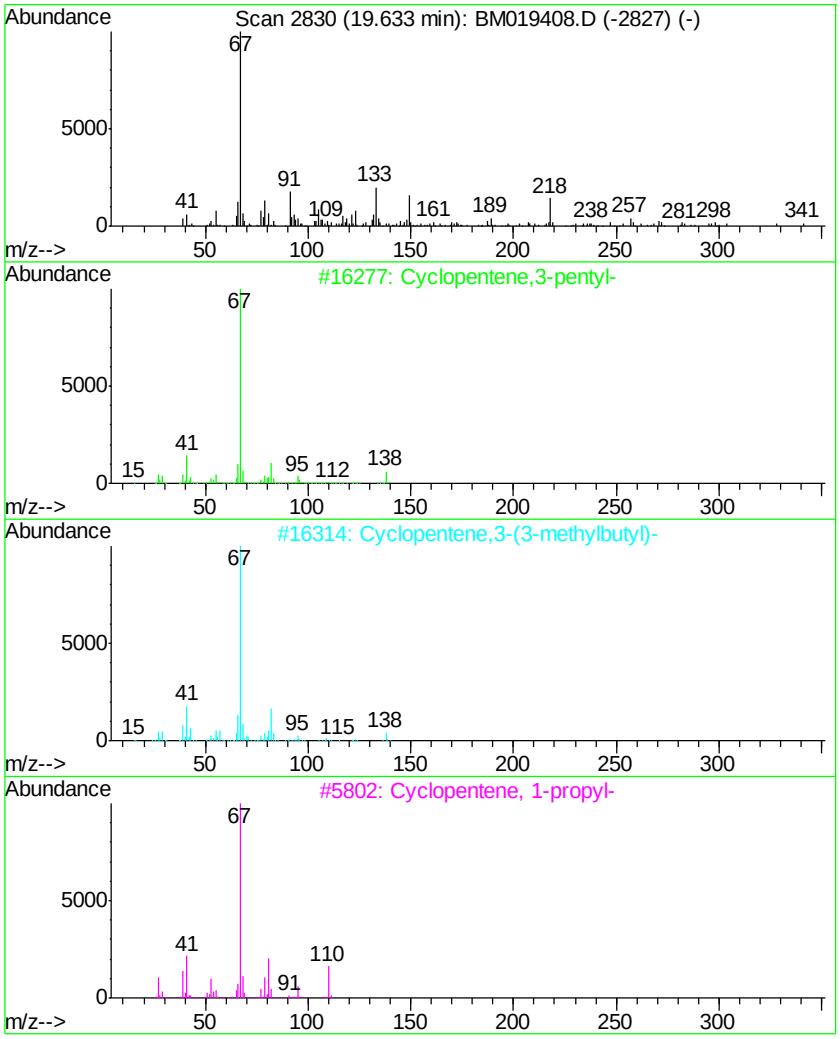

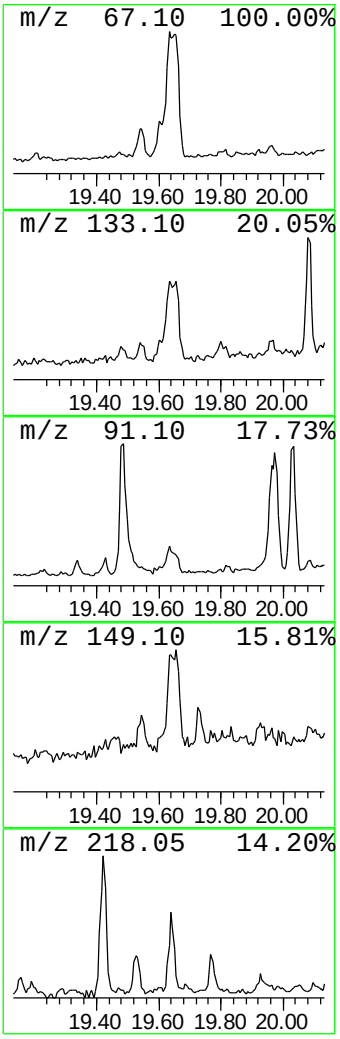

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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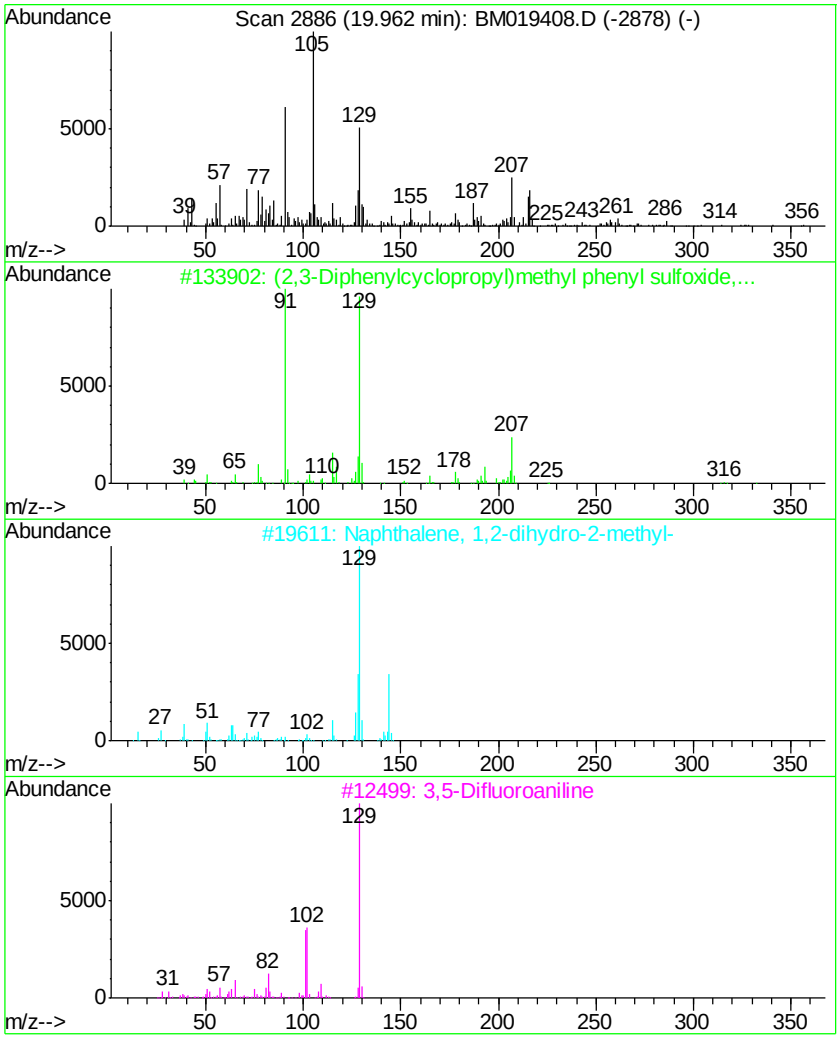
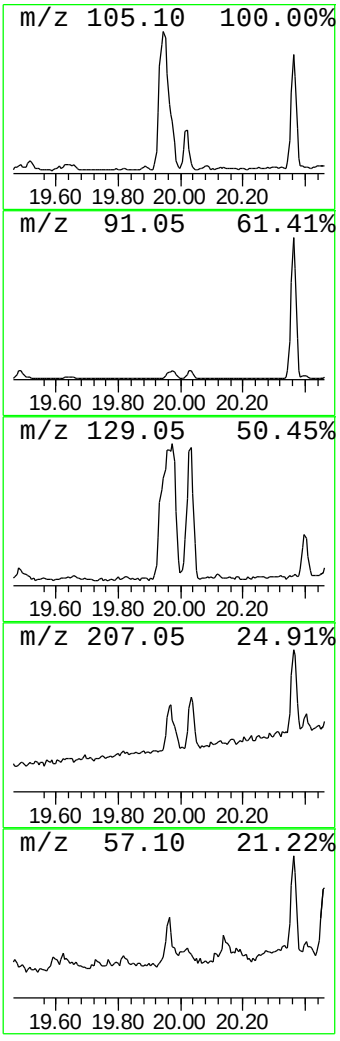
Peak Number 18 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	6.97 ng/ul	982575	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	38
2	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	25
3	3,5-Difluoroaniline	129	C6H5F2N	000372-39-4	22
4	1,4-Methanonaphthalen-9-ol, 1,2,...	202	C13H14O2	001207-28-9	22
5	Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	22





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T0

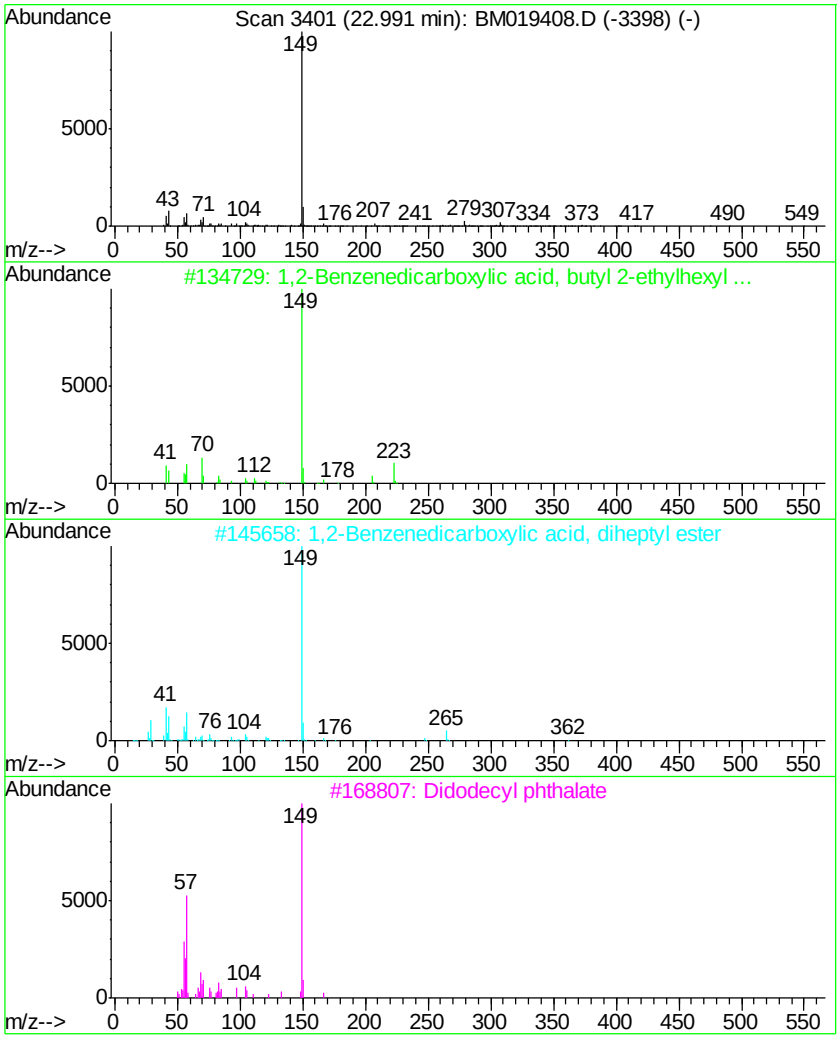
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

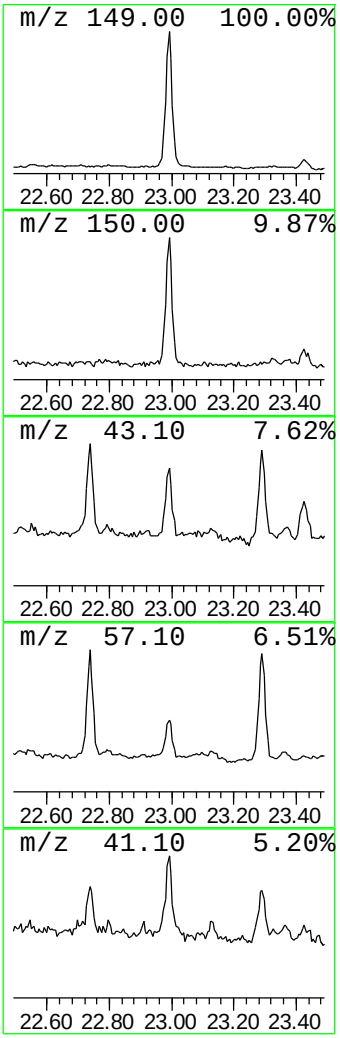
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	4.33 ng/ul	557332	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	50
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	50
3	Didodecyl phthalate	502	C32H54O4	002432-90-8	50
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	39
5	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019408.D
Acq On : 25 Mar 2019 00:49
Operator : JU/SJ
Sample : K2031-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5T0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1R-.alpha.-Pinene	6.27	7.5	ng/ul	316042	1	7.60	842978	20.0
Benzene, 1-methyl...	7.73	4.5	ng/ul	187663	1	7.60	842978	20.0
D-Limonene	7.80	2.4	ng/ul	101065	1	7.60	842978	20.0
4,7-Methano-1H-in...	11.80	2.6	ng/ul	156825	2	10.39	1206140	20.0
2,2,4-Trimethyl-1...	15.05	4.6	ng/ul	393523	3	14.26	1727260	20.0
2-Propanol, 1-chl...	16.78	4.0	ng/ul	393459	4	17.02	1958800	20.0
unknown-01	17.74	2.7	ng/ul	263673	4	17.02	1958800	20.0
n-Hexadecanoic acid	17.92	5.6	ng/ul	550967	4	17.02	1958800	20.0
2-[1-(4-Cyano-1,2...	18.08	7.8	ng/ul	759476	4	17.02	1958800	20.0
Isoquinoline	18.18	5.3	ng/ul	515156	4	17.02	1958800	20.0
3-[1-(4-Cyano-1,2...	18.23	12.1	ng/ul	1186430	4	17.02	1958800	20.0
1,2-Benzenediacet...	18.78	3.0	ng/ul	296224	4	17.02	1958800	20.0
2-Propenenitrile,...	18.92	3.8	ng/ul	370421	4	17.02	1958800	20.0
Octadecanoic acid	19.20	3.5	ng/ul	496239	5	21.22	2817880	20.0
unknown-02	19.63	2.0	ng/ul	288014	5	21.22	2817880	20.0
unknown-03	19.96	7.0	ng/ul	982575	5	21.22	2817880	20.0
1,2-Benzenedicarb...	22.99	4.3	ng/ul	557332	6	23.44	2575590	20.0