LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	4.681	284	288	297	rVB	95460	183930	2.14%	0.186%
2	6.728	630	636	651	rVB2	507314	1028620	11.99%	1.043%
3	6.881	656	662	671	rBV	370828	604253	7.04%	0.613%
4	7.069	687	694	703	rBV	577726	973295	11.34%	0.987%
5	7.528	765	772	783	rBV	726268	1174526	13.69%	1.191%
6	7.652	787	793	799	rVB	121316	185817	2.17%	0.188%
7	8.252	888	895	904	rBV2	632125	1133666	13.21%	1.149%
8	8.357	909	913	919	rVB2	72079	122236	1.42%	0.124%
9	8.687	962	969	975	rBV	645932	1060336	12.36%	1.075%
10	9.399	1082	1090	1105	rBV2	534737	985072	11.48%	0.999%
11	9.716	1138	1144	1149	rVB3	166674	276996	3.23%	0.281%
12	9.940	1175	1182	1196	rBV	777989	1437919	16.76%	1.458%
13	10.298	1232	1243	1248	rBV	1052944	1762489	20.54%	1.787%
14	10.345	1248	1251	1258	rVB	169886	266167	3.10%	0.270%
15	10.457	1259	1270	1283	rBV2	389790	868561	10.12%	0.881%
16	10.922	1341	1349	1356	rBV2	170783	361308	4.21%	0.366%
17	11.975	1521	1528	1535	rVB2	100299	166964	1.95%	0.169%
18	12.198	1556	1566	1574	rBV	77616	154792	1.80%	0.157%
19	12.998	1697	1702	1711	rBV6	52340	106000	1.24%	0.107%
20	13.351	1754	1762	1771	rBV5	49661	144476	1.68%	0.146%
21	13.498	1781	1787	1792	rBV2	95078	171501	2.00%	0.174%
22	13.557	1792	1797	1800	rVV2	59301	96366	1.12%	0.098%
23	13.610	1800	1806	1810	rVV	1539541	2191527	25.54%	2.222%
24	13.657	1810	1814	1820	rVB	701666	993744	11.58%	1.007%
25	13.875	1842	1851	1865	rBV2	1753924	2983275	34.76%	3.024%
26	14.086	1879	1887	1891	rBV	91357	126274	1.47%	0.128%
27	14.186	1895	1904	1910	rBV2	1389180	2173376	25.33%	2.203%
28	14.251	1910	1915	1919	rVV	152373	217210	2.53%	0.220%
29	14.457	1944	1950	1961	rBV2	277441	667073	7.77%	0.676%
30	14.592	1967	1973	1977	rBV	204157	297392	3.47%	0.301%
31	14.810	2002	2010	2016	rBV5	65298	134180	1.56%	0.136%
32	14.986	2032	2040	2043	rBV6	72392	161026	1.88%	0.163%
33	15.045	2043	2050	2056	rVB4	143746	288134	3.36%	0.292%
34	15.186	2068	2074	2079	rBV	2062552	2870562	33.45%	2.910%

LSC Area Percent Report

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Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	15.239	2079	2083	2088	rVB	219501	341980	3.99%	0.347%
36	15.351	2097	2102	2108	rBV5	108277	225595	2.63%	0.229%
37	15.539	2130	2134	2142	rVB	115272	208327	2.43%	0.211%
38	15.692	2151	2160	2166	rBV	111932	250767	2.92%	0.254%
39	15.916	2193	2198	2205	rBV5	196441	400051	4.66%	0.406%
40	16.116	2226	2232	2244	rBV	686034	1127623	13.14%	1.143%
41	16.257	2248	2256	2260	rBV5	101213	203389	2.37%	0.206%
42	16.304	2260	2264	2268	rVB3	69655	98185	1.14%	0.100%
43	16.363	2269	2274	2278	rBV5	207017	318557	3.71%	0.323%
44	16.480	2291	2294	2297	rBV3	75354	103199	1.20%	0.105%
45	16.522	2298	2301	2309	rVB4	121797	194489	2.27%	0.197%
46	16.610	2311	2316	2321	rBV	204166	300833	3.51%	0.305%
47	16.674	2324	2327	2329	rVV2	92962	122215	1.42%	0.124%
48	16.704	2329	2332	2337	rVV2	145535	229304	2.67%	0.232%
49	16.763	2338	2342	2350	rVB	233560	355990	4.15%	0.361%
50	16.945	2367	2373	2376	rBV	1511025	2123432	24.74%	2.153%
51	16.986	2376	2380	2385	rVV	3671367	5108962	59.54%	5.179%
52	17.045	2385	2390	2394	rVV2	2072236	3031217	35.32%	3.073%
53	17.080	2394	2396	2401	rVB	617541	673341	7.85%	0.683%
54	17.145	2401	2407	2412	rBV3	154156	305290	3.56%	0.310%
55	17.363	2437	2444	2450	rBV	289608	542535	6.32%	0.550%
56	17.445	2455	2458	2460	rBV3	91900	124799	1.45%	0.127%
57	17.527	2469	2472	2481	rVB4	116223	235016	2.74%	0.238%
58	17.821	2517	2522	2525	rBV	576942	795206	9.27%	0.806%
59	17.863	2525	2529	2536	rVB2	1216640	2127416	24.79%	2.157%
60	17.951	2541	2544	2548	rVV	260730	376685	4.39%	0.382%
61	18.016	2549	2555	2558	rVV2	700637	1268871	14.79%	1.286%
62	18.051	2559	2561	2566	rVB	435720	528162	6.15%	0.535%
63	18.139	2573	2576	2581	rBV3	162509	165770	1.93%	0.168%
64	18.221	2586	2590	2597	rBV8	225423	380436	4.43%	0.386%
65	18.327	2604	2608	2613	rBV	385908	497467	5.80%	0.504%
66	18.380	2613	2617	2621	rBV	451166	623455	7.27%	0.632%
67	18.751	2677	2680	2682	rBV2	253195	342612	3.99%	0.347%
68	18.786	2682	2686	2693	rVB	3132137	4027054	46.93%	4.083%
69	19.021	2720	2726	2732	rBV	5712968	7602182	88.59%	7.707%
70	19.151	2745	2748	2756	rVB2	411770	728676	8.49%	0.739%
71	19.357	2778	2783	2785	rBV2	2600254	3909237	45.55%	3.963%

LSC Area Percent Report

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Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

72	19.386	2785	2788	2796	rVB	6956118	8581377	100.00%	8.700%
73	19.457	2797	2800	2804	rBV3	278257	396916	4.63%	0.402%
74	19.886	2870	2873	2879	rVB2	593417	911478	10.62%	0.924%
75	19.986	2887	2890	2893	rBV	368256	495189	5.77%	0.502%
76	20.280	2937	2940	2946	rBV4	608463	1076023	12.54%	1.091%
77	20.645	2999	3002	3005	rBV	405903	460976	5.37%	0.467%
78	20.768	3021	3023	3026	rBV2	414548	439289	5.12%	0.445%
79	20.845	3033	3036	3038	rBV2	517620	549292	6.40%	0.557%
80	20.874	3038	3041	3047	rVB3	998061	1224192	14.27%	1.241%
81	21.151	3083	3088	3093	rBV2	2493931	4733484	55.16%	4.799%
82	21.198	3093	3096	3100	rVB	2240305	2482916	28.93%	2.517%
83	21.704	3178	3182	3185	rVB	2042498	2459636	28.66%	2.494%
84	22.698	3347	3351	3356	rBV	1360009	2592133	30.21%	2.628%
85	23.151	3425	3428	3433	rBV	818678	1350460	15.74%	1.369%
86	23.203	3433	3437	3440	rVV2	1078067	1823072	21.24%	1.848%
87	23.251	3441	3445	3451	rVB	1663074	2695028	31.41%	2.732%

Sum of corrected areas: 98638849

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
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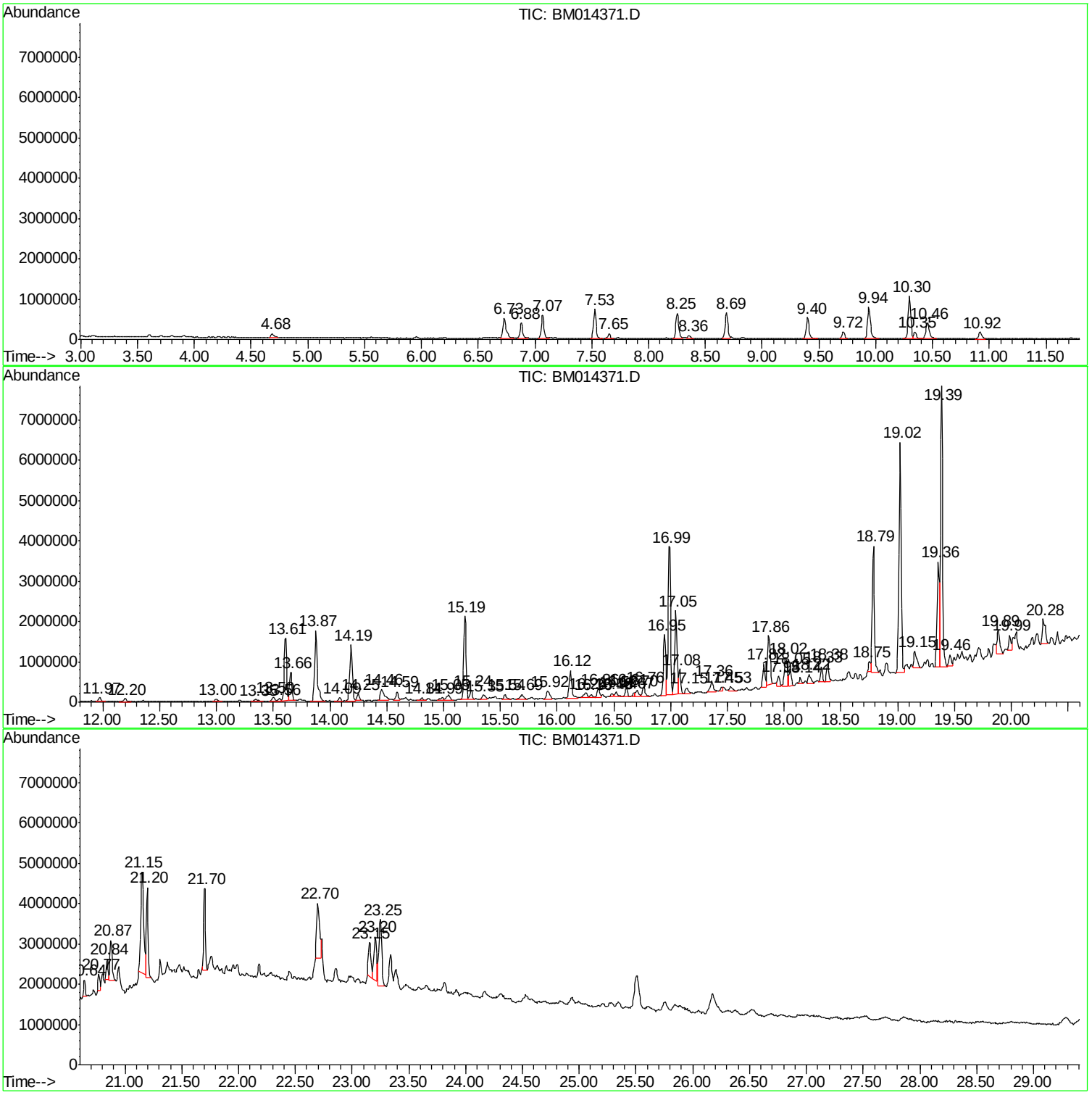
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

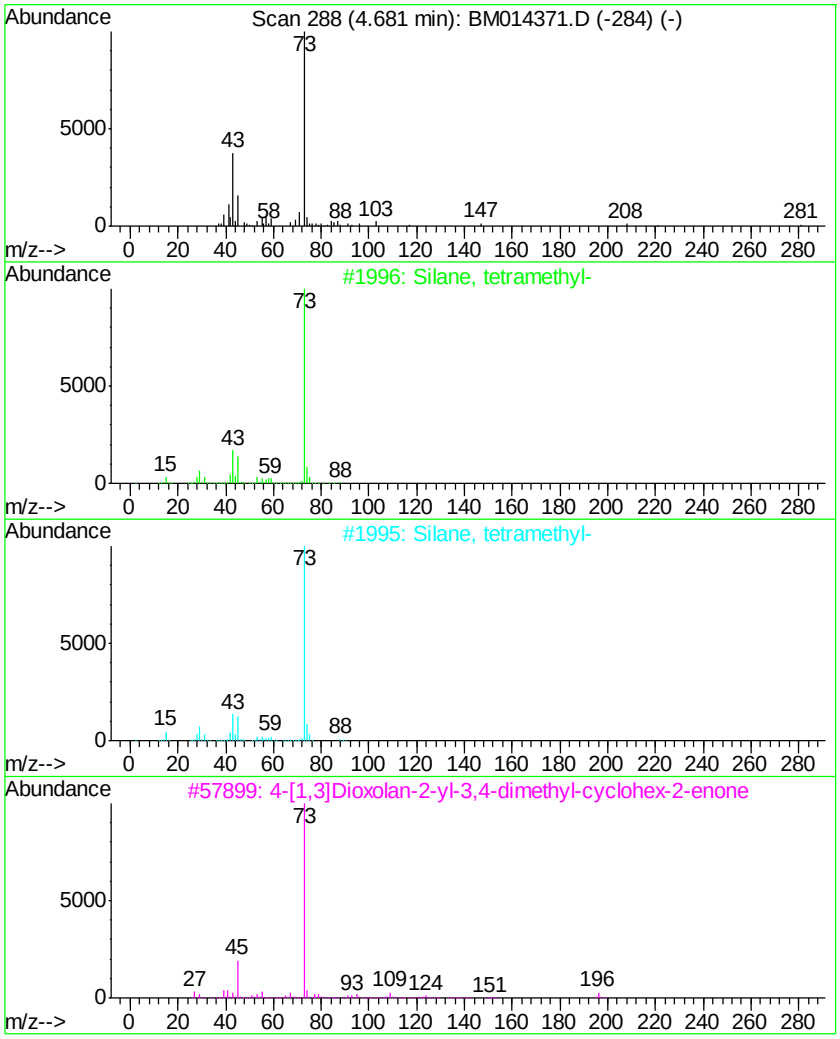
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

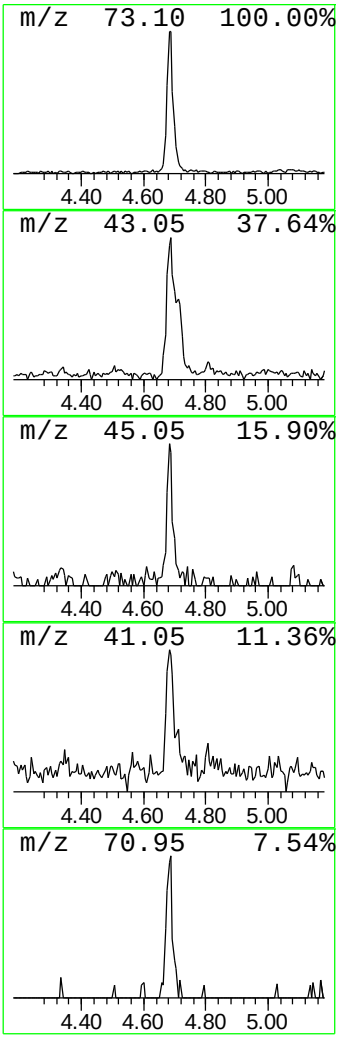
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.13 ng/ul	183930	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	40
3	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	37
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	37
5	Dodecanoic acid, 2,3-bis(acetylo...	358	C19H34O6	055191-44-1	28





Library Search Compound Report

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Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
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Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

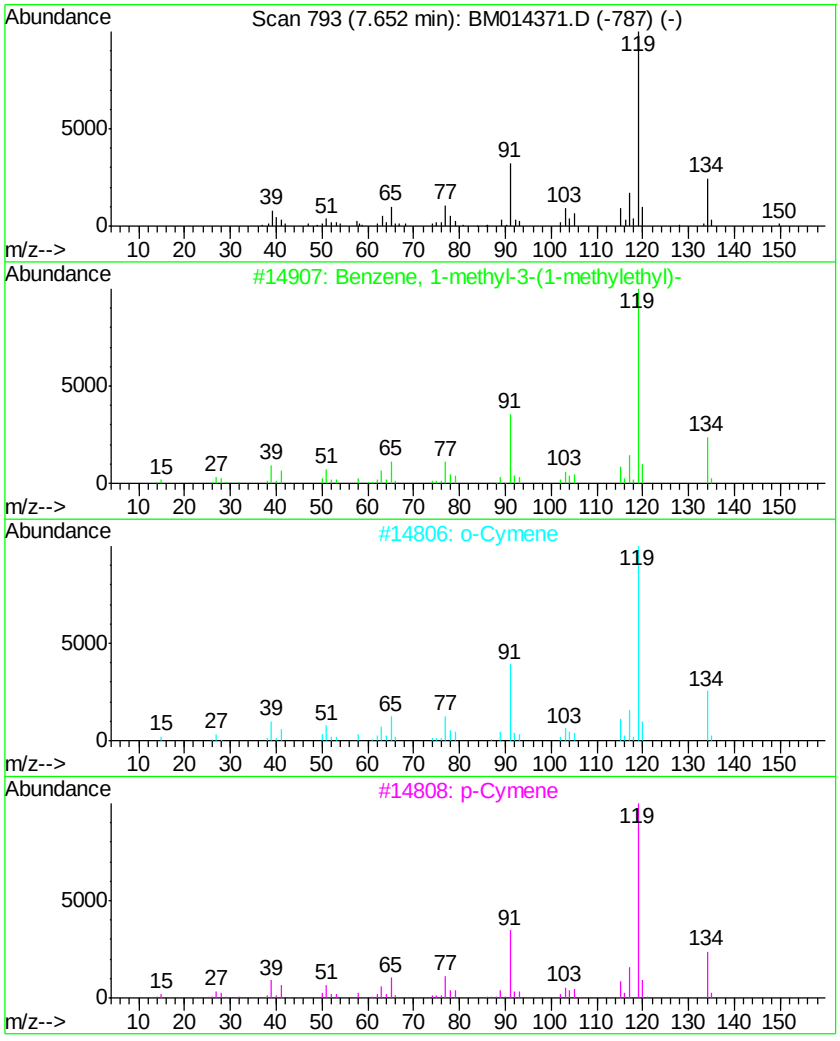
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

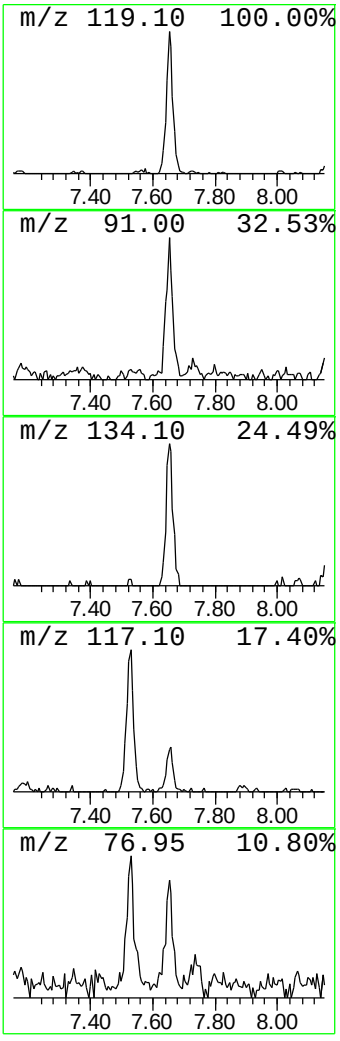
****

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.16 ng/ul	185817	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	96
3	p-Cymene	134	C10H14	000099-87-6	96
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	91





Library Search Compound Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

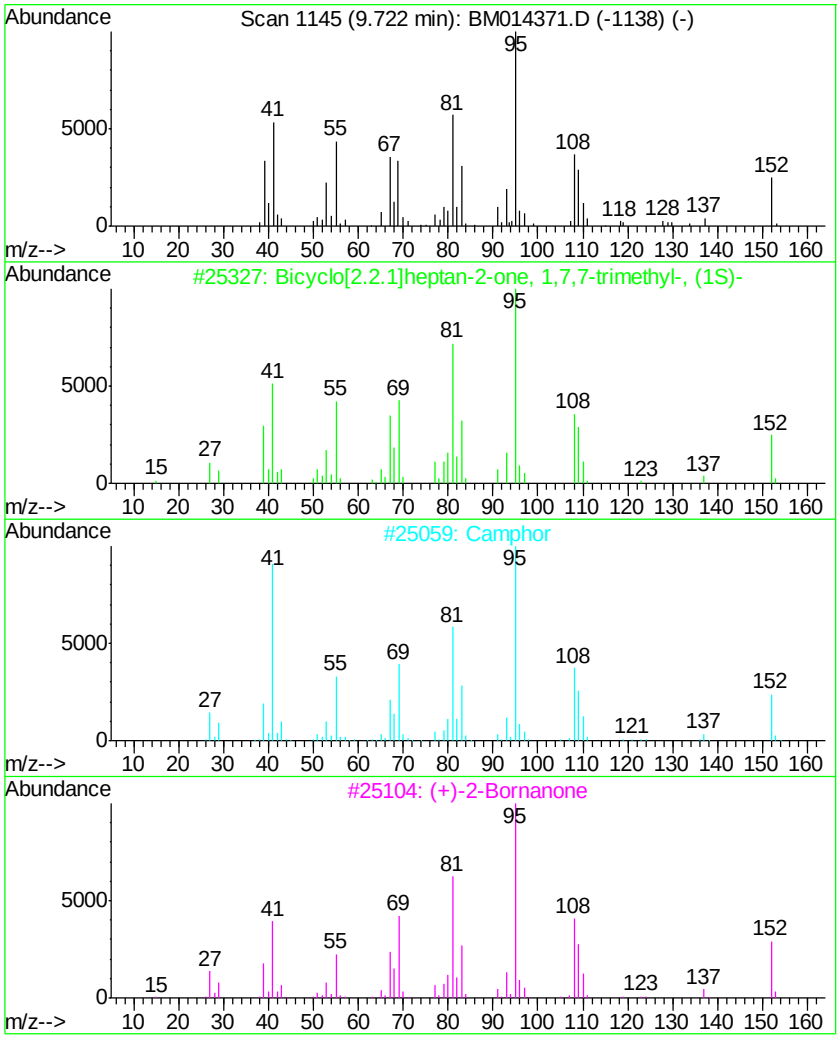
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

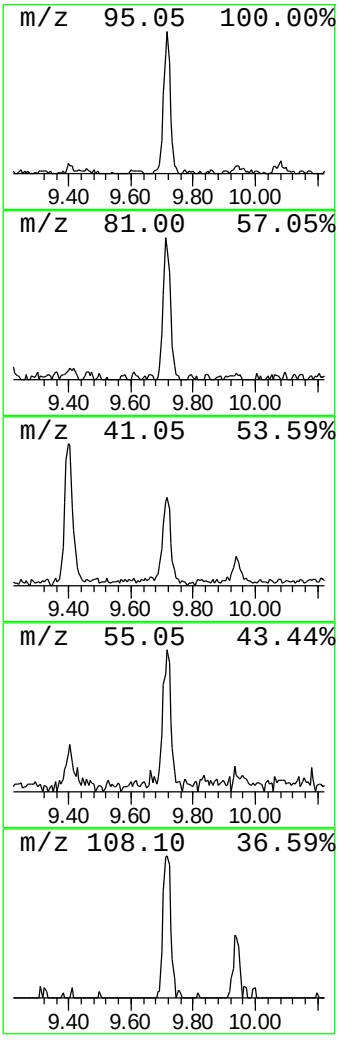
****

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.14 ng/ul	276996	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
2	Camphor	152	C10H16O	000076-22-2	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
5	Camphor	152	C10H16O	000076-22-2	93





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

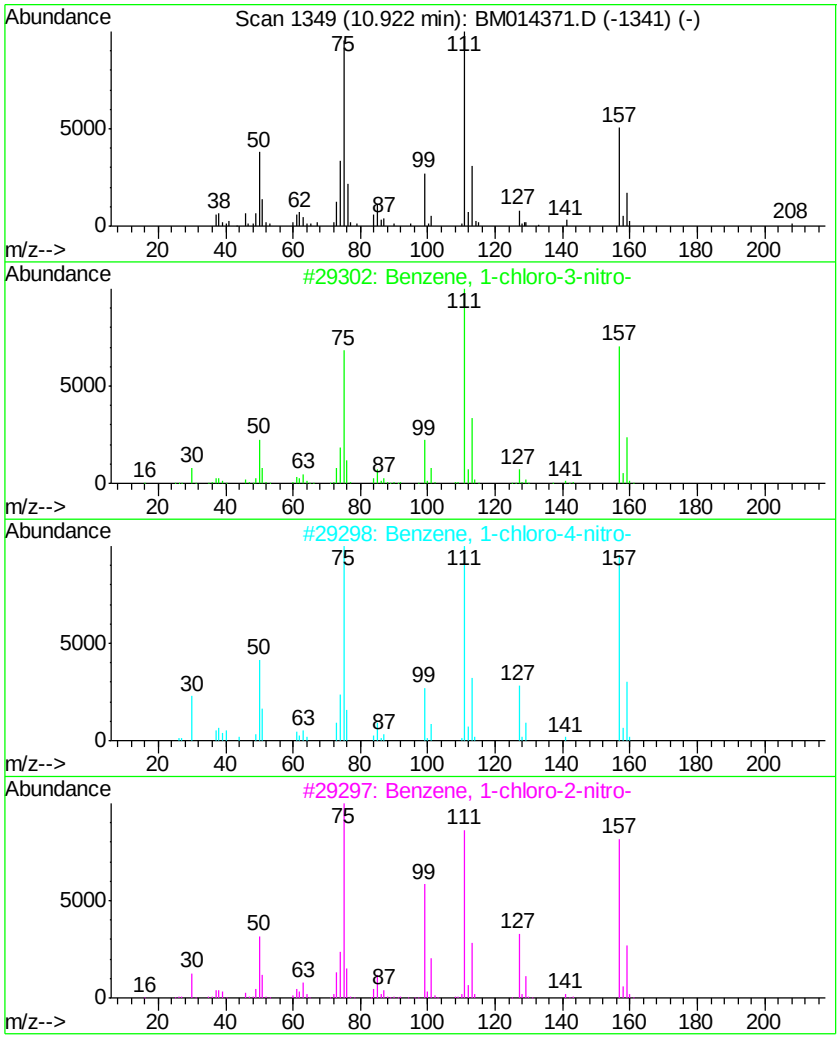
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

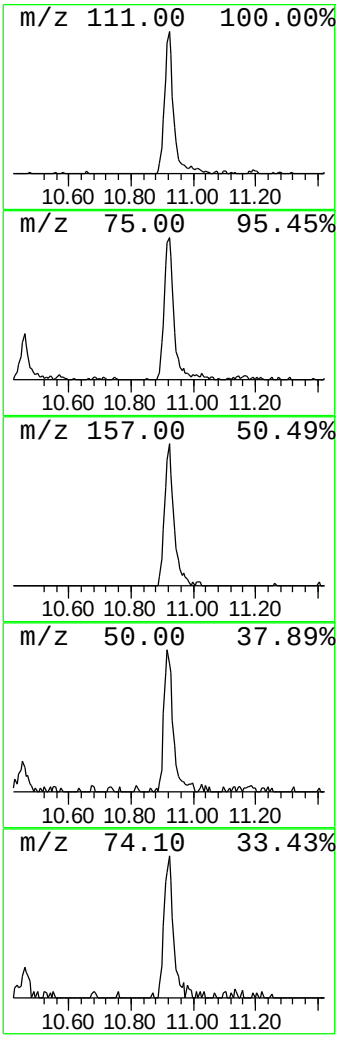
****

Peak Number 4 Benzene, 1-chloro-3-nitro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.10 ng/ul	361308	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





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Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

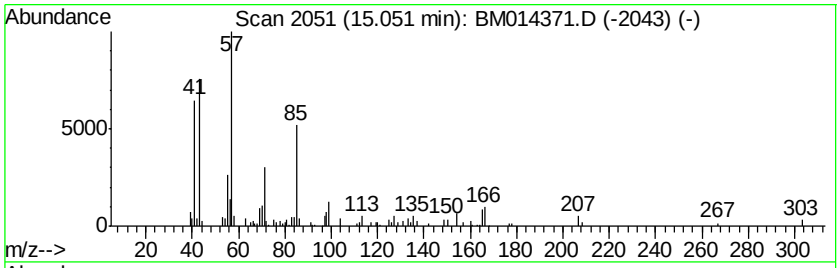
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

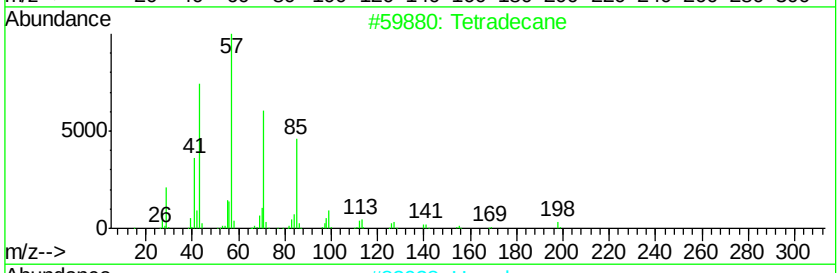
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

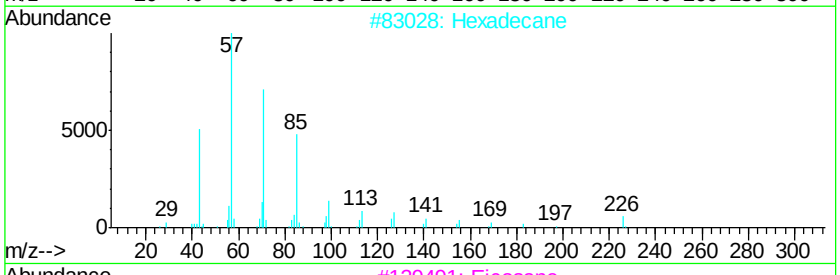
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

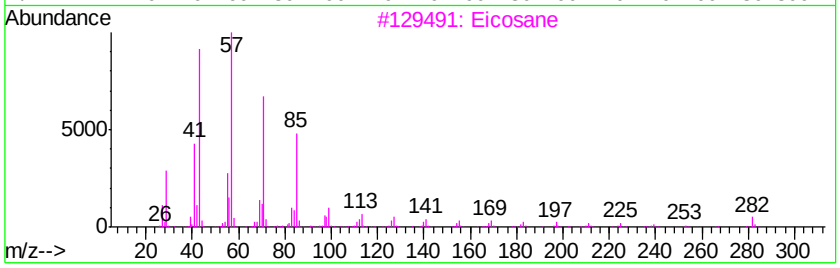
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.65 ng/ul	288134	Acenaphthene-d10	14.19

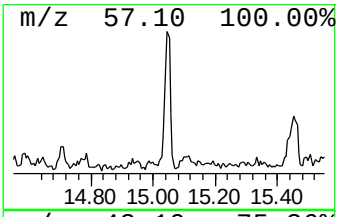
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Hexadecane	226	C16H34	000544-76-3	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Nonadecane	268	C19H40	000629-92-5	64

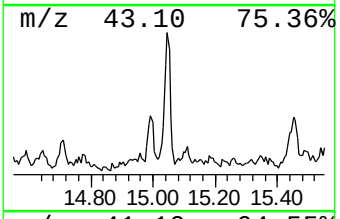


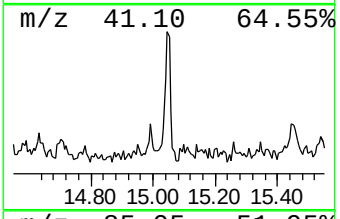


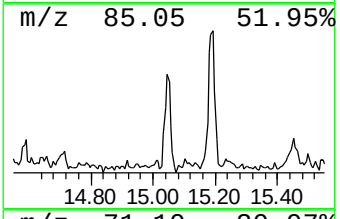


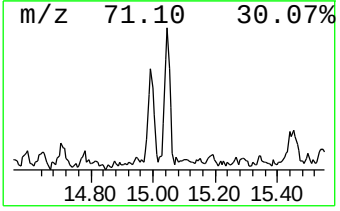












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Instrument : BNA_M
ClientSampleId : BE609

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Quant Title : SVOA CALIBRATION

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

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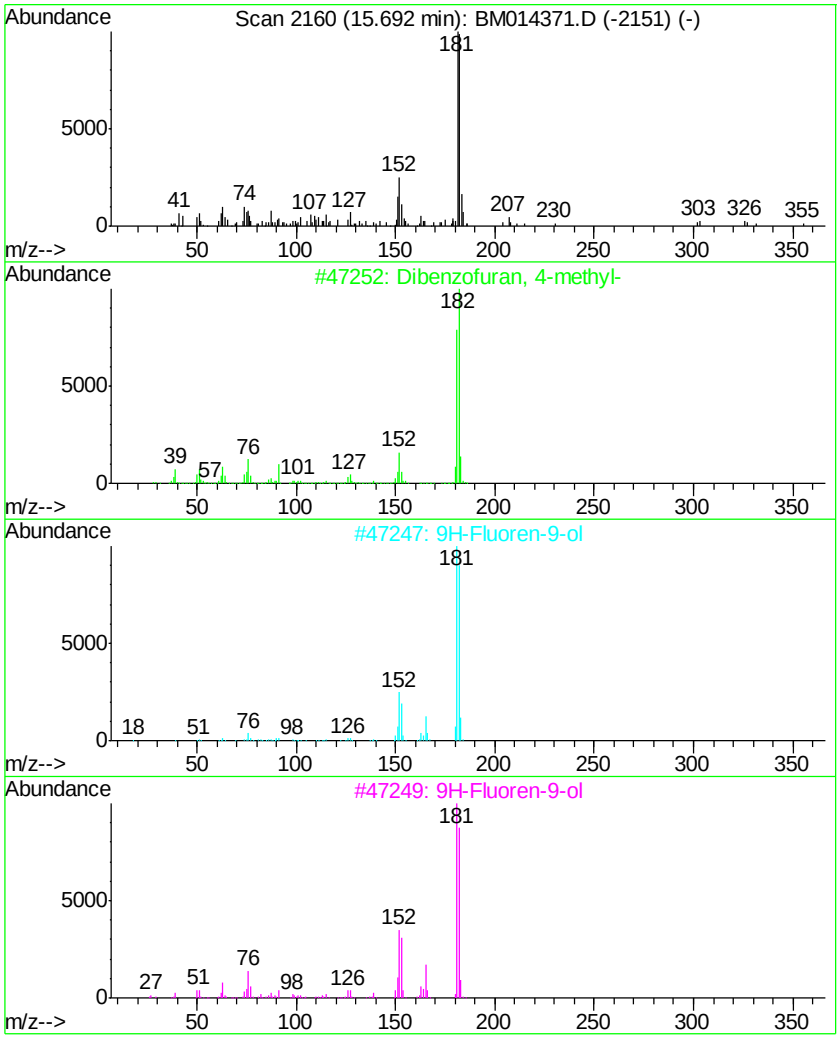
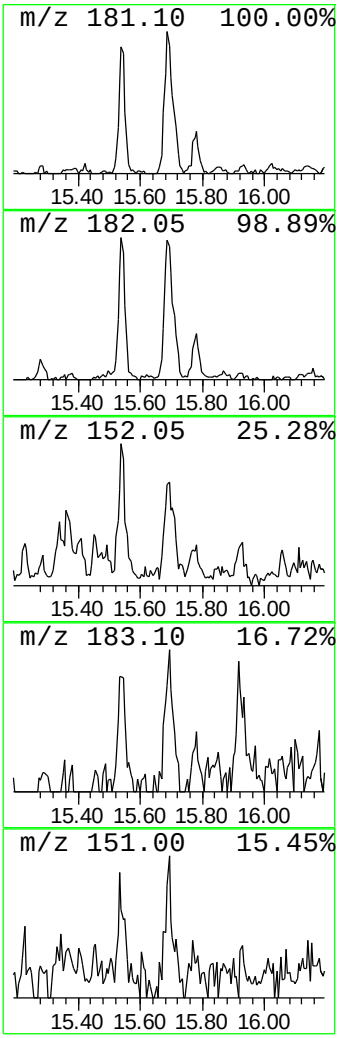
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.36 ng/ul	250767	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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ClientSampleId : BE609

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Quant Title : SVOA CALIBRATION

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

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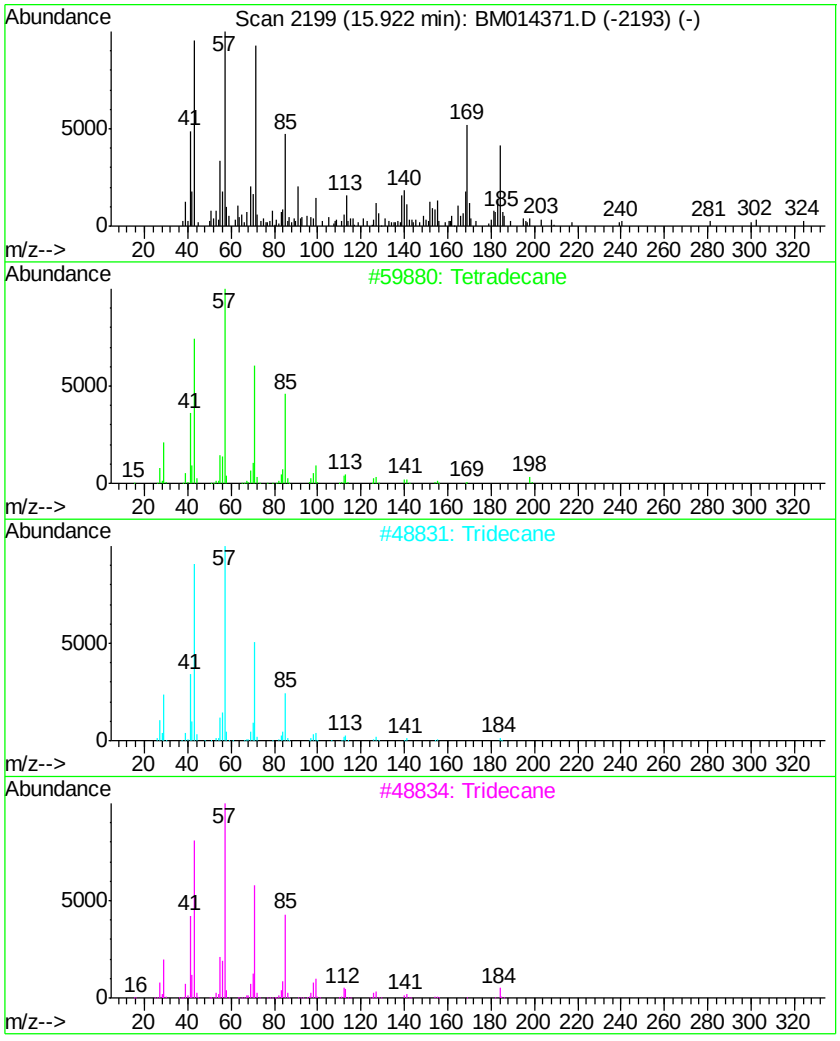
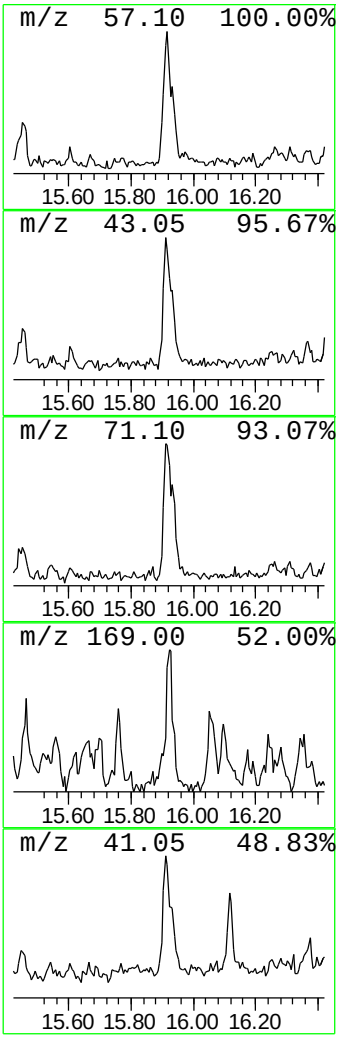
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.77 ng/ul	400051	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Tridecane	184	C13H28	000629-50-5	62
3	Tridecane	184	C13H28	000629-50-5	62
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5	Octacosane	394	C28H58	000630-02-4	58





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Quant Title : SVOA CALIBRATION

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

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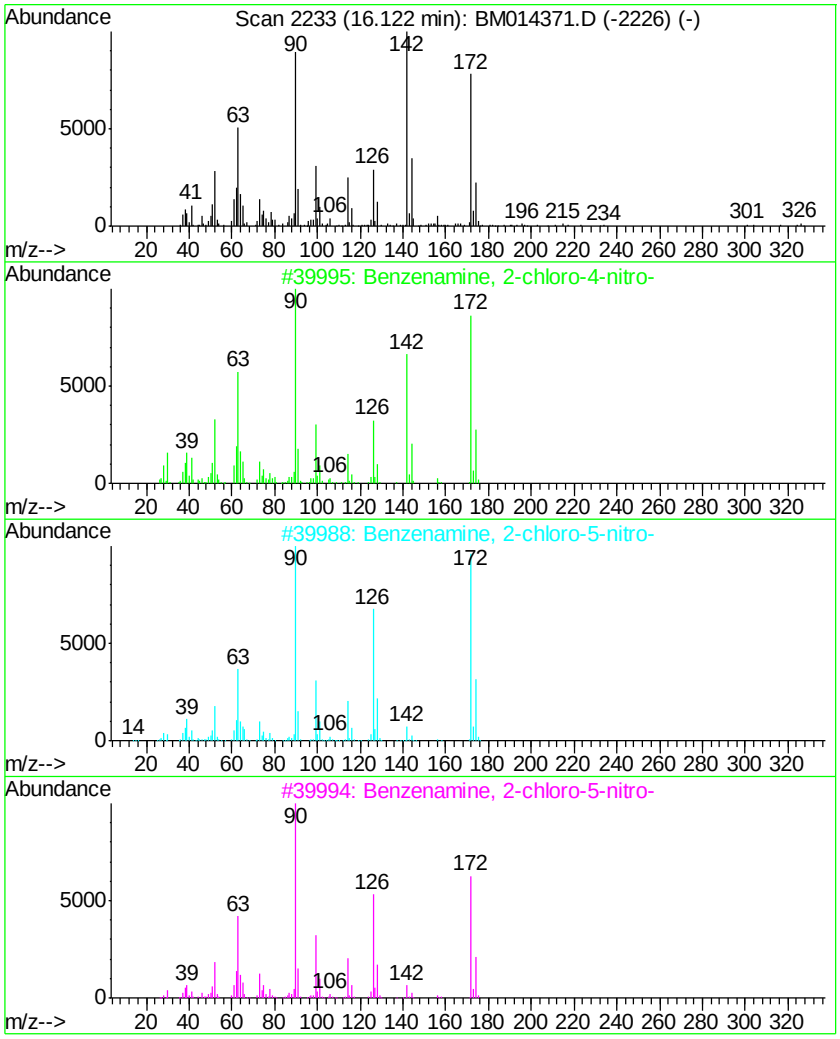
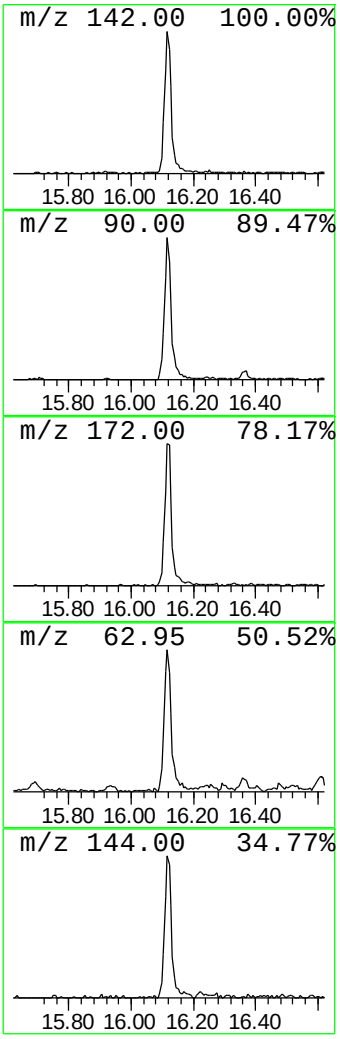
Peak Number 8 Benzenamine, 2-chloro-4-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	10.62 ng/ul	1127620	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-chloro-4-nitro-	172	C6H5ClN2O2	000121-87-9	98
2	Benzenamine, 2-chloro-5-nitro-	172	C6H5ClN2O2	006283-25-6	89
3	Benzenamine, 2-chloro-5-nitro-	172	C6H5ClN2O2	006283-25-6	70
4	Benzenamine, 4-chloro-3-nitro-	172	C6H5ClN2O2	000635-22-3	64
5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	52





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Quant Title : SVOA CALIBRATION

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

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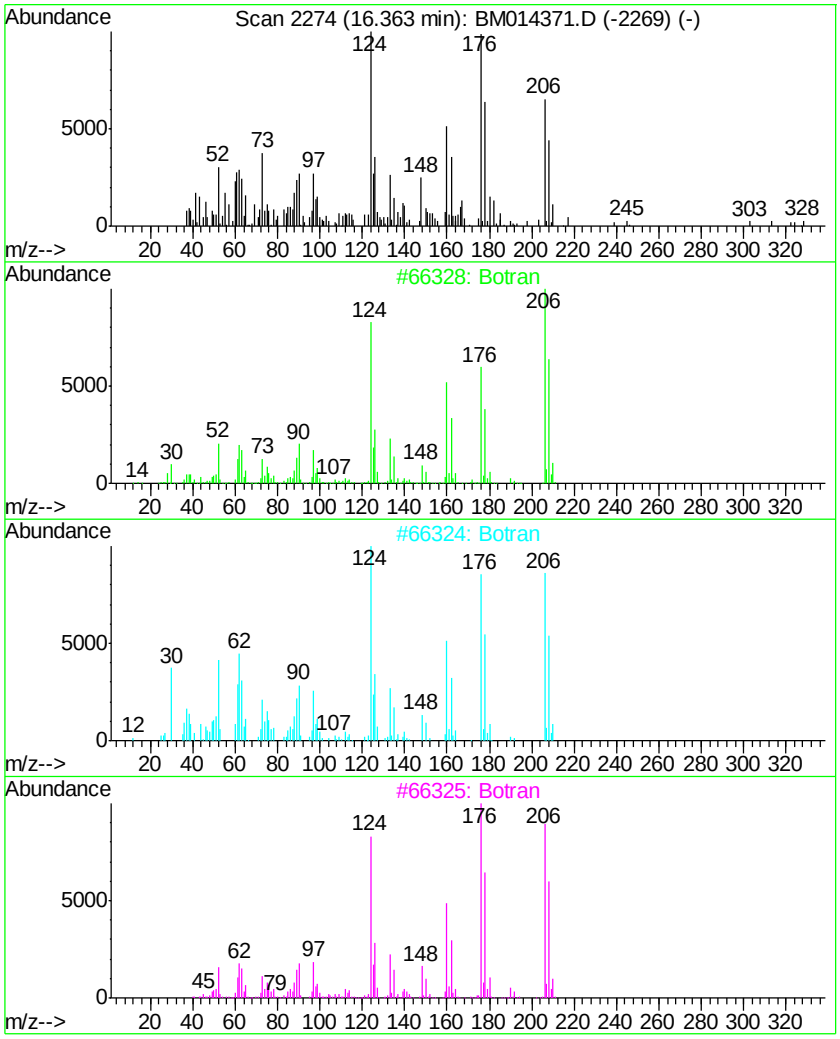
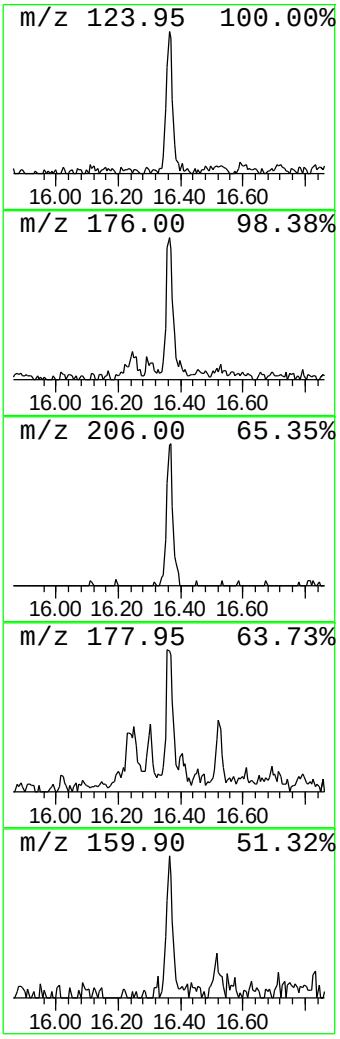
Peak Number 9 Botran Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.00 ng/ul	318557	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Botran	206	C6H4Cl2N2O2	000099-30-9	99
2	Botran	206	C6H4Cl2N2O2	000099-30-9	99
3	Botran	206	C6H4Cl2N2O2	000099-30-9	95
4	Botran	206	C6H4Cl2N2O2	000099-30-9	95
5	2,4-Dichloro-6-nitroaniline	206	C6H4Cl2N2O2	002683-43-4	83





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Quant Title : SVOA CALIBRATION

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

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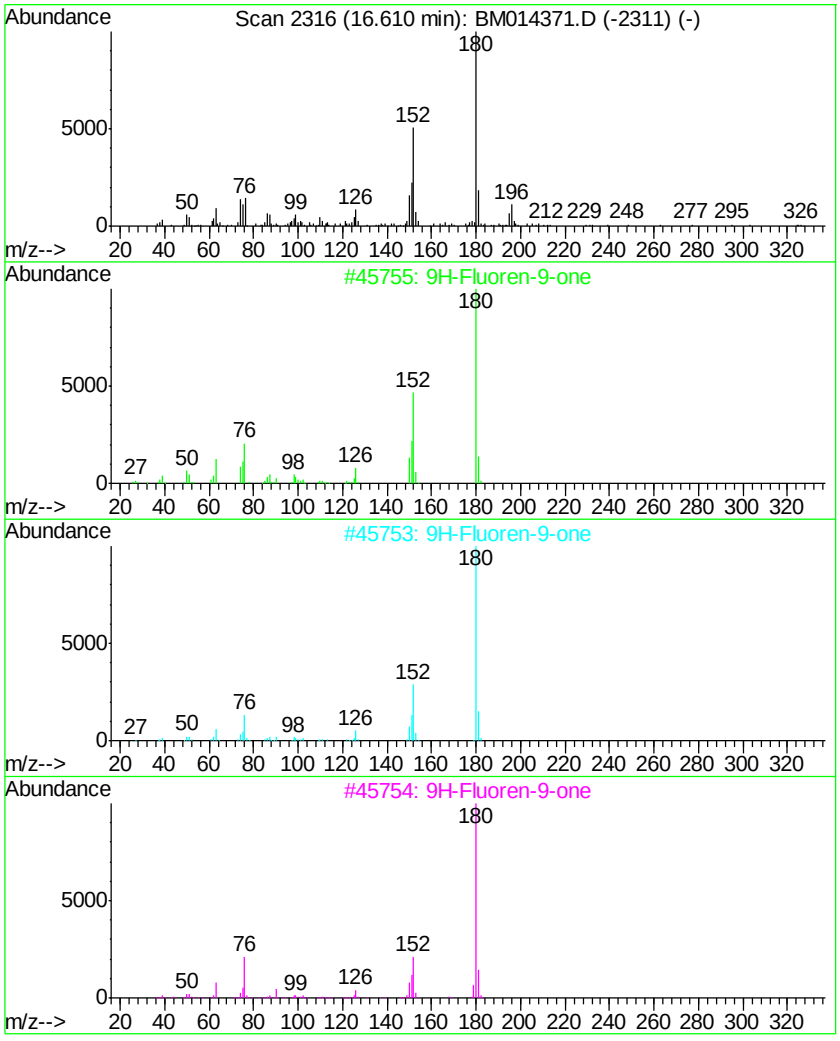
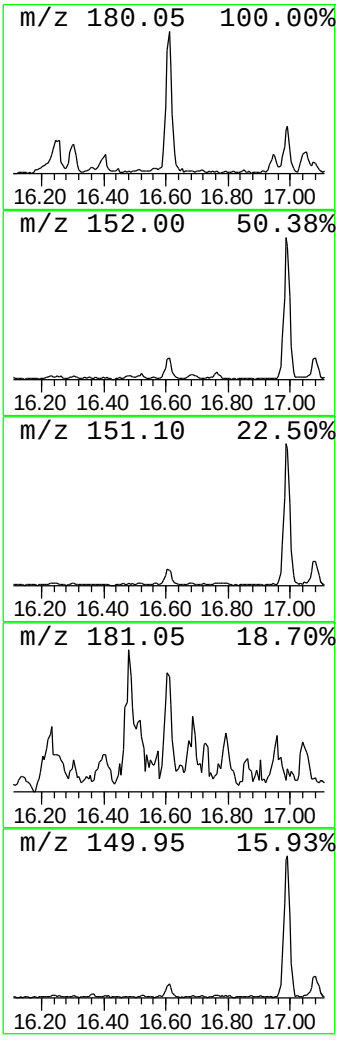
Peak Number 10 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.83 ng/ul	300833	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87





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Quant Title : SVOA CALIBRATION

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

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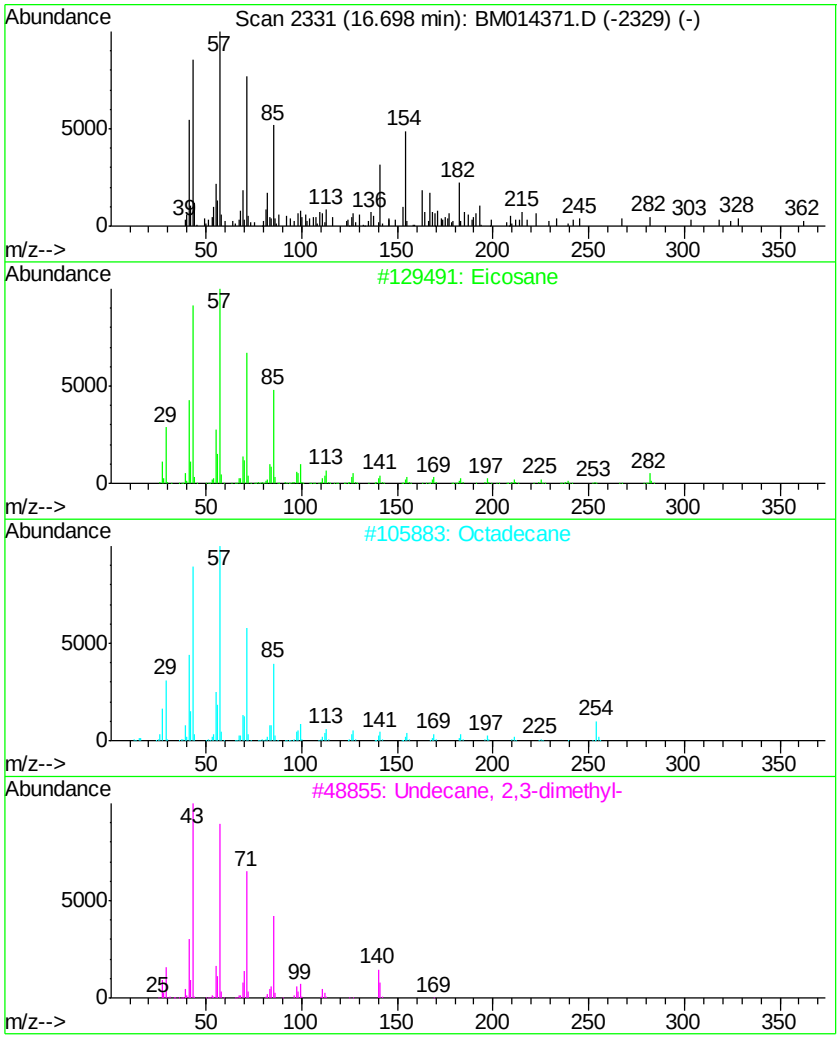
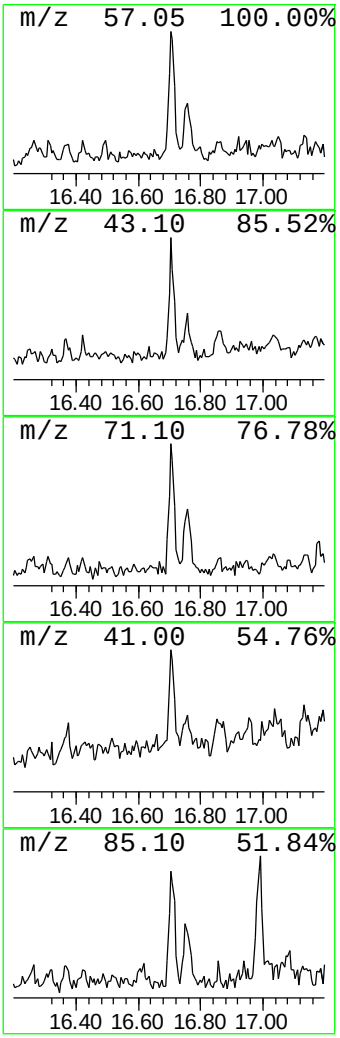
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.16 ng/ul	229304	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octadecane	254	C18H38	000593-45-3	74
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	68
5	Heptadecane	240	C17H36	000629-78-7	64





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Quant Title : SVOA CALIBRATION

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

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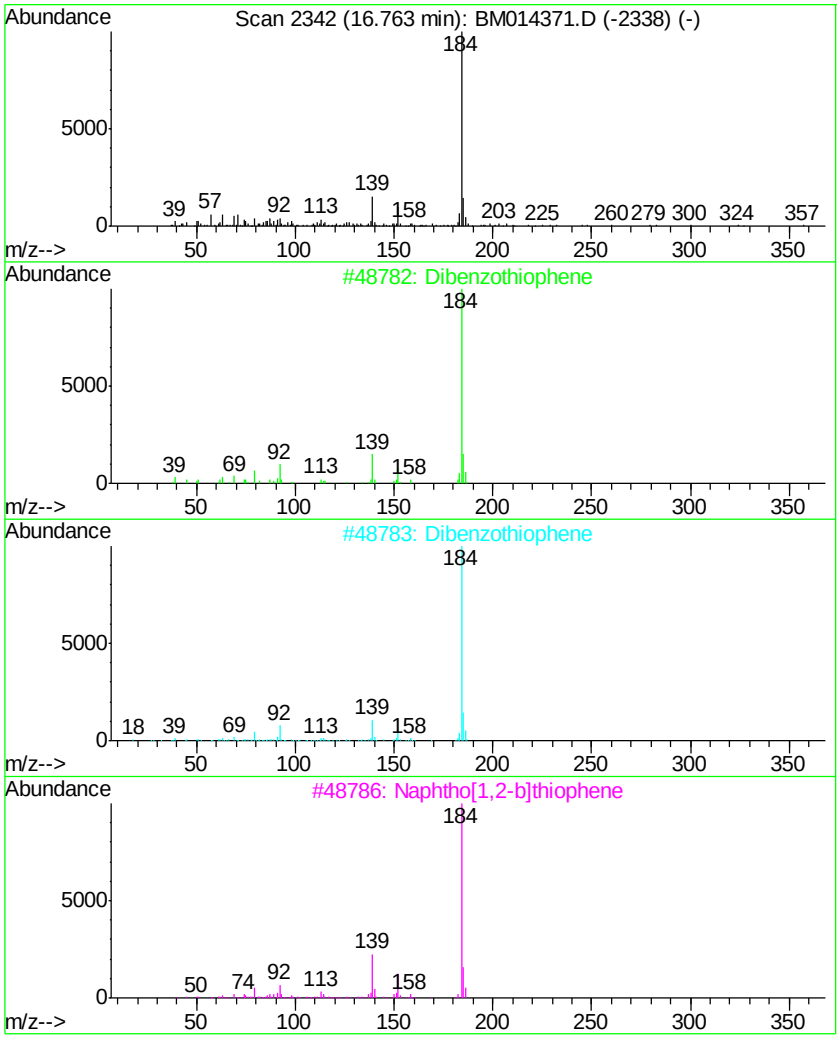
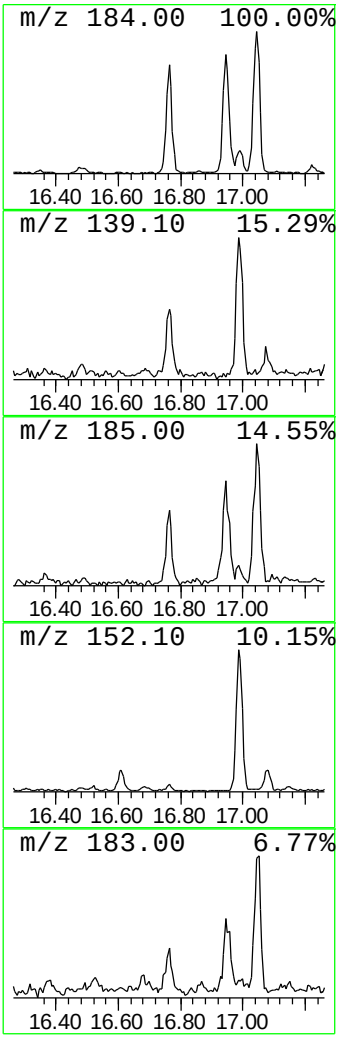
Peak Number 12 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.35 ng/ul	355990	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Quant Title : SVOA CALIBRATION

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

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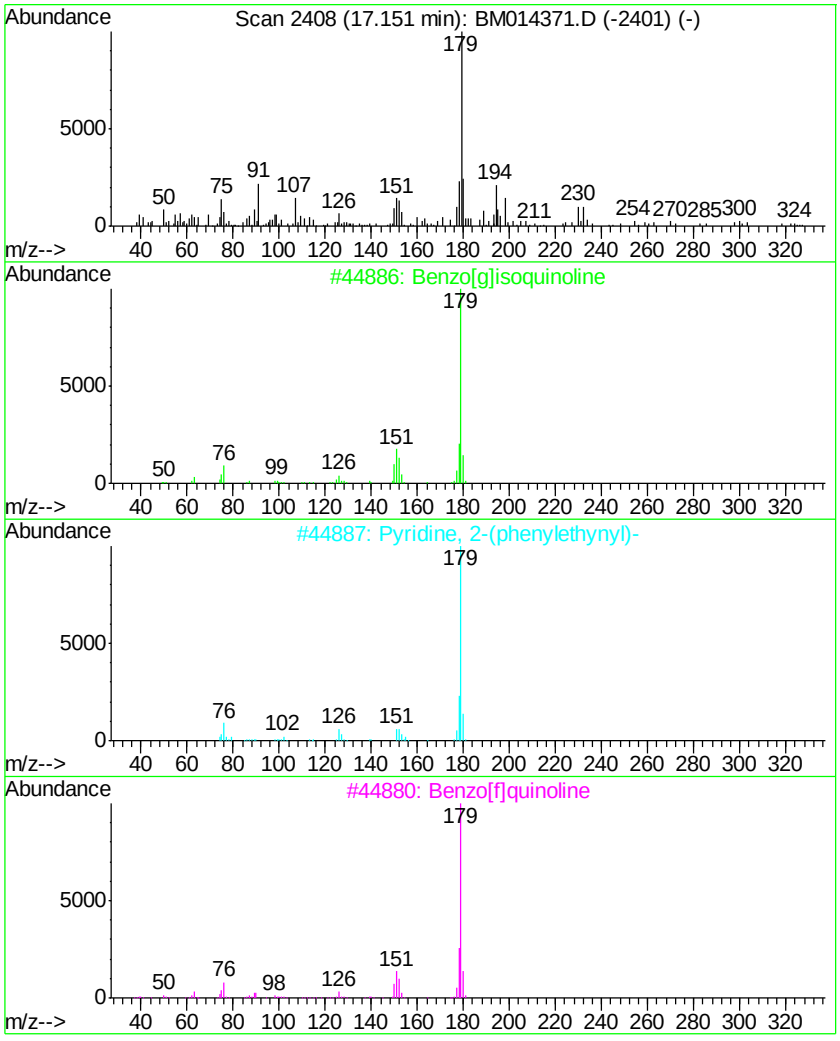
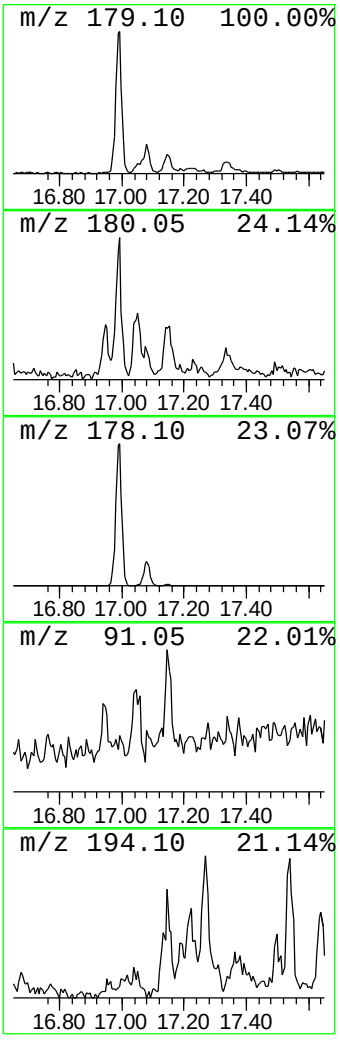
Peak Number 13 Benzo[g]isoquinoline Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.88 ng/ul	305290	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	64
2	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	64
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	64
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	60
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	60





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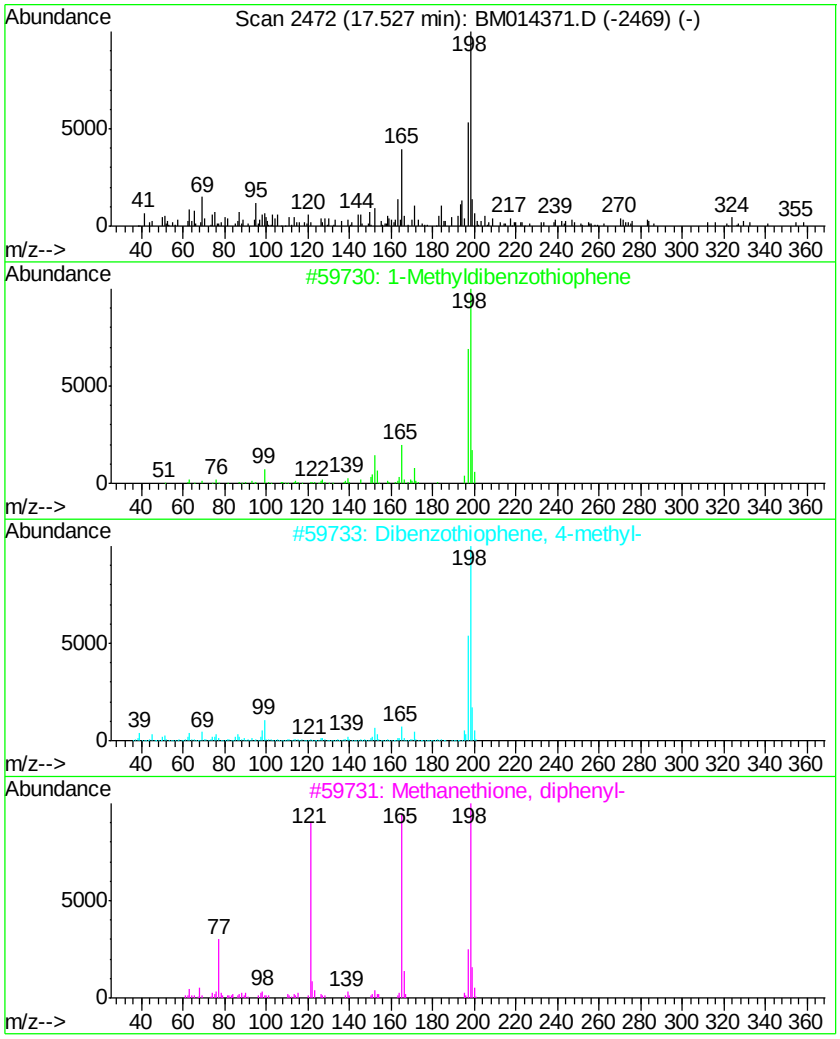
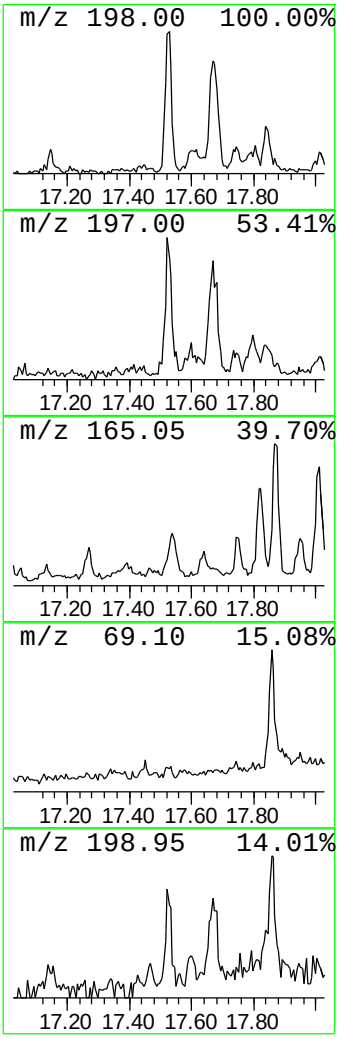
Peak Number 14 1-Methyldibenzothiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.21 ng/ul	235016	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	52
3	Methanethione, diphenyl-	198	C13H10S	001450-31-3	50
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	47





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

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Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.49 ng/ul	795206	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
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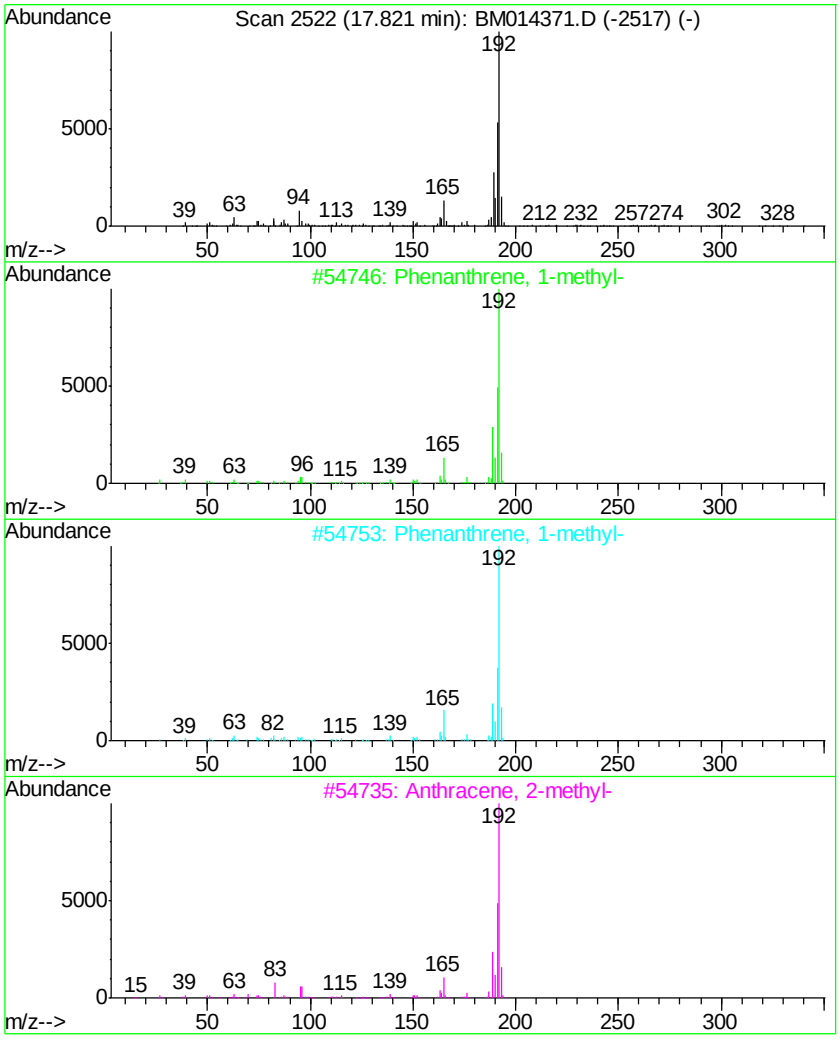

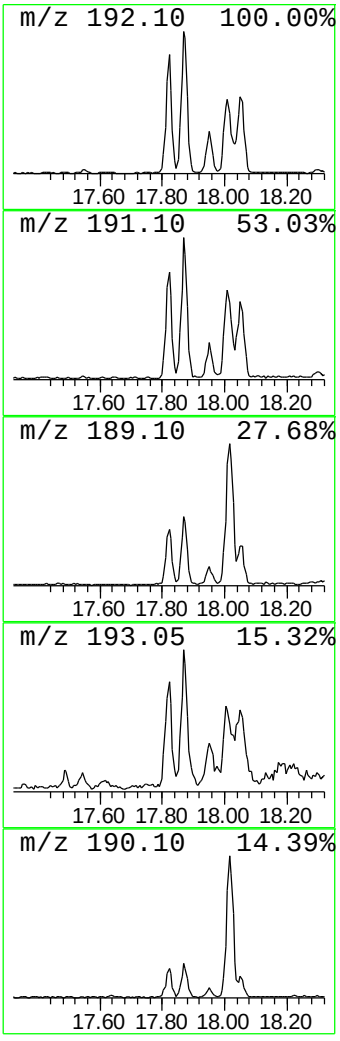

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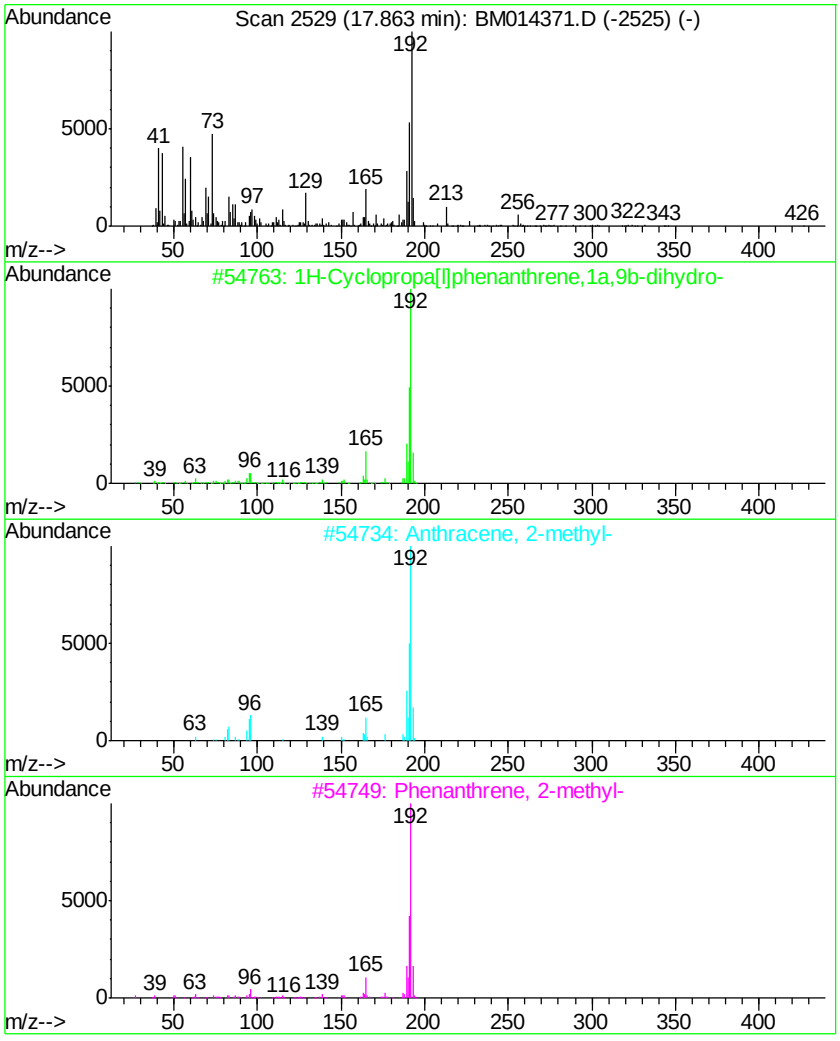
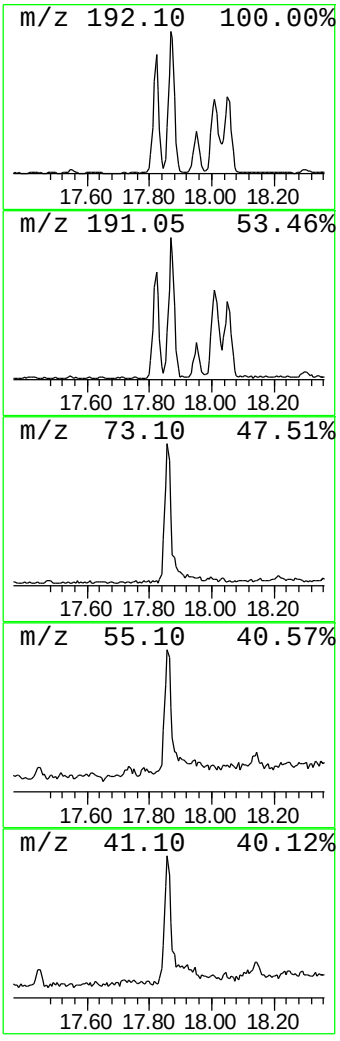
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	20.04 ng/ul	2127420	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Quant Title : SVOA CALIBRATION

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

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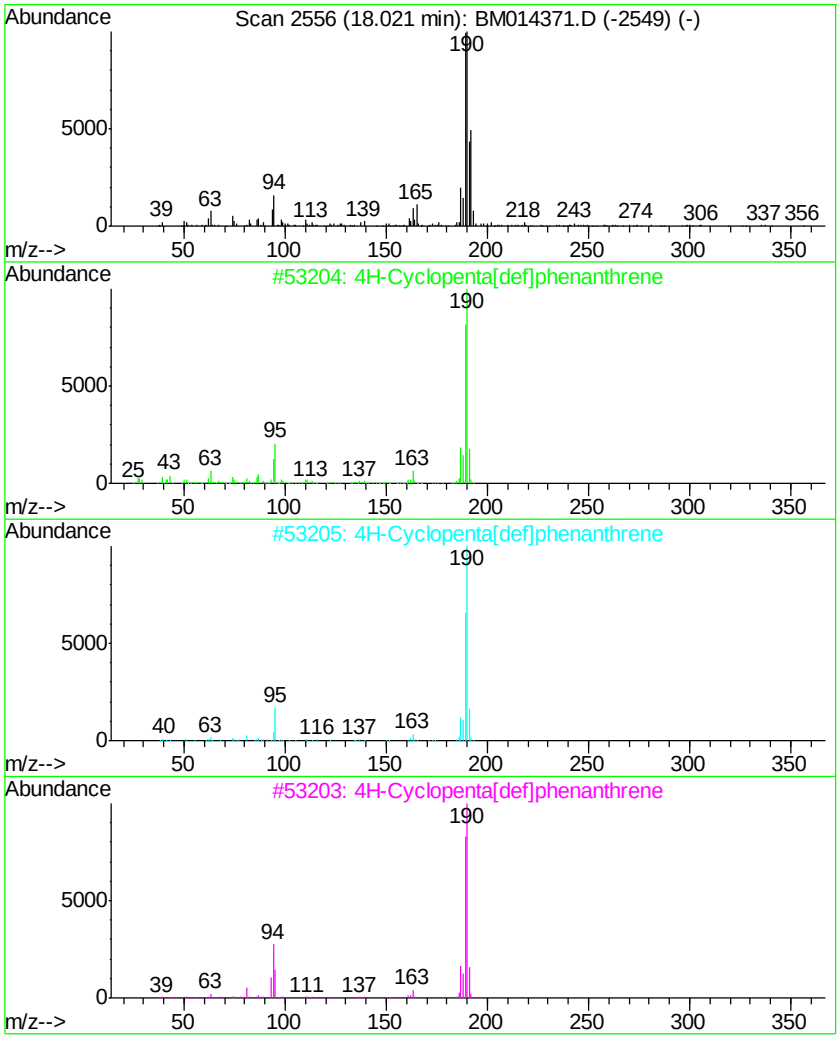
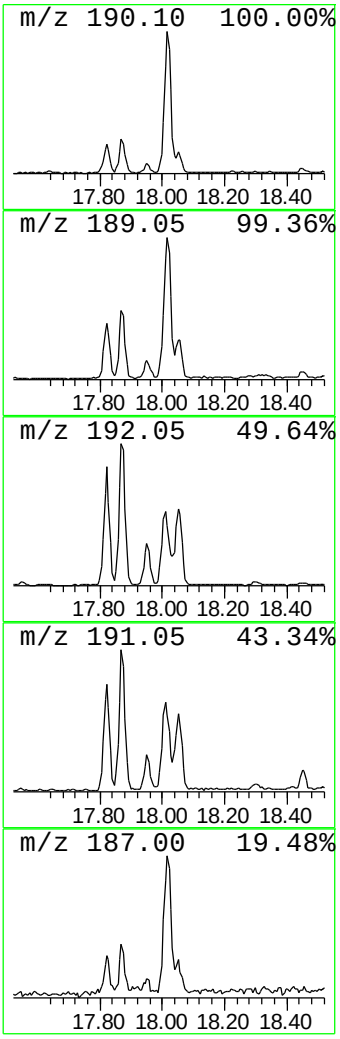
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	11.95 ng/ul	1268870	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	30





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ClientSampleId : BE609

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Quant Title : SVOA CALIBRATION

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

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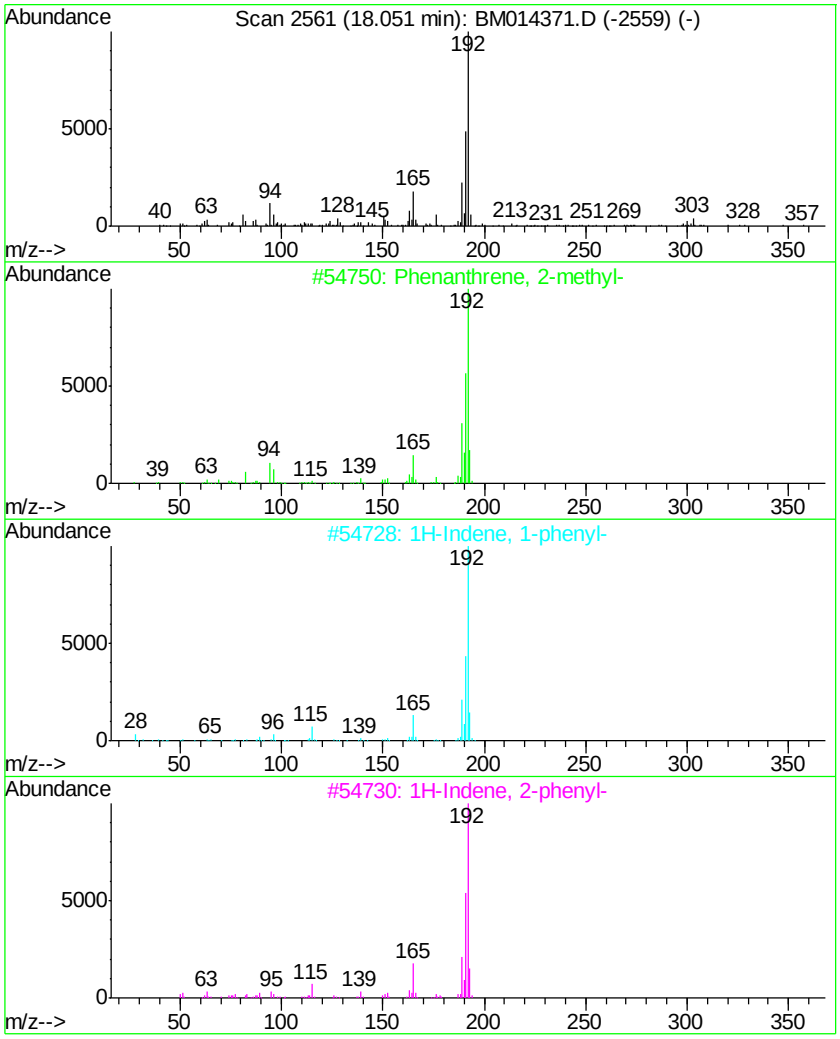
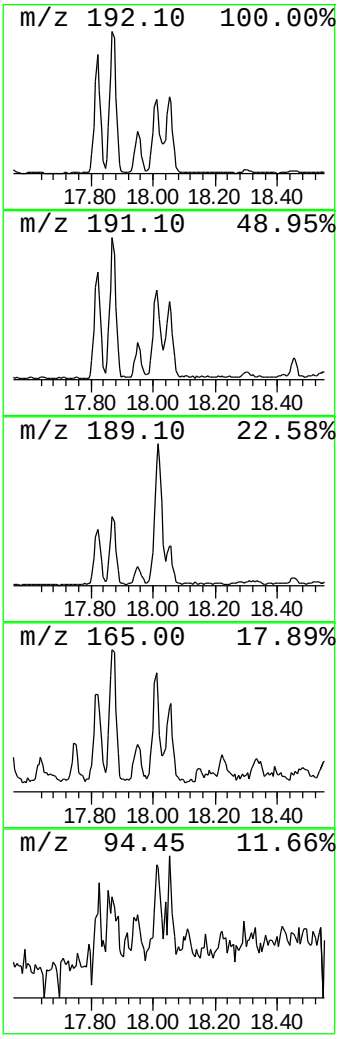
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.97 ng/ul	528162	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	70
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





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Quant Title : SVOA CALIBRATION

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

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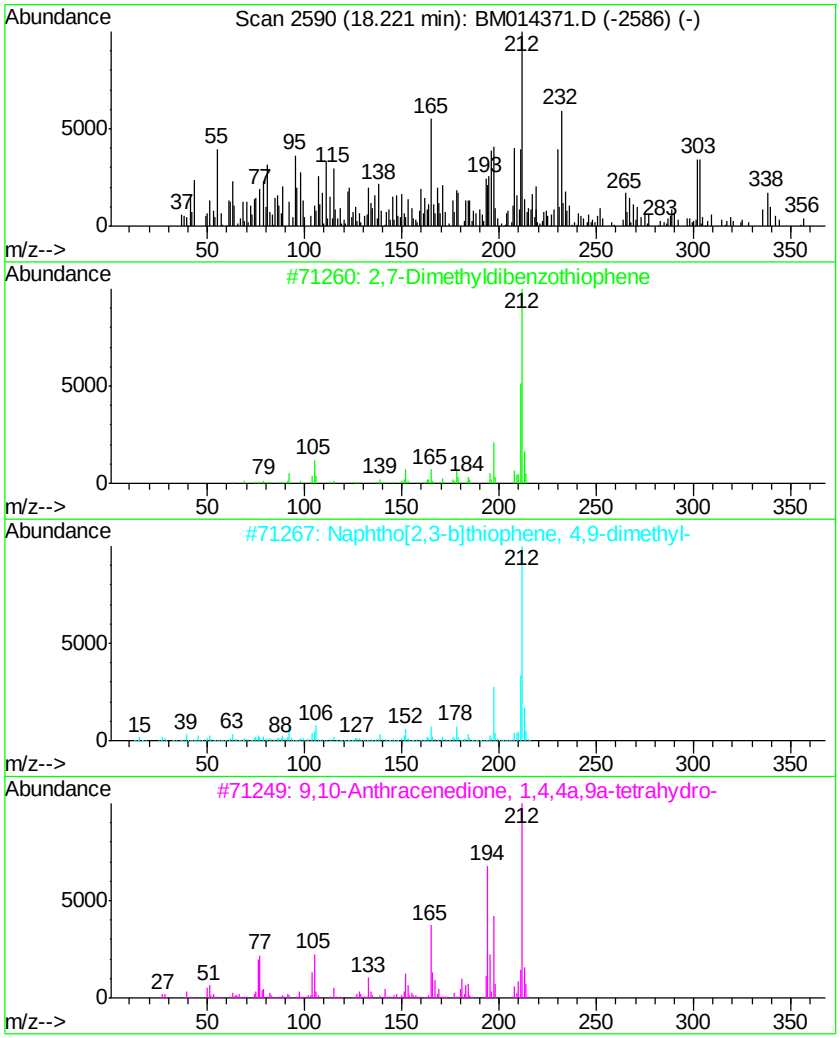
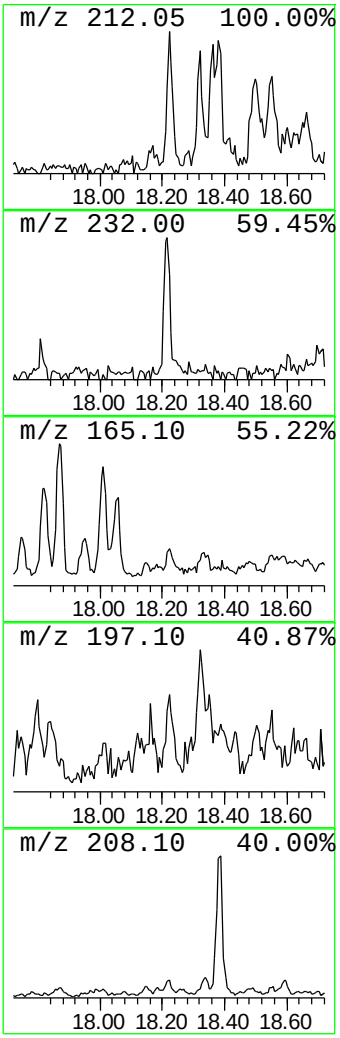
Peak Number 20 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.58 ng/ul	380436	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	46
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	41
3	9,10-Anthracenedione, 1,4,4a,9a-...	212	C14H12O2	056136-14-2	38
4	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	38
5	Benzoic acid, 3,4,5-trimethoxy-	212	C10H12O5	000118-41-2	35





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Quant Title : SVOA CALIBRATION

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

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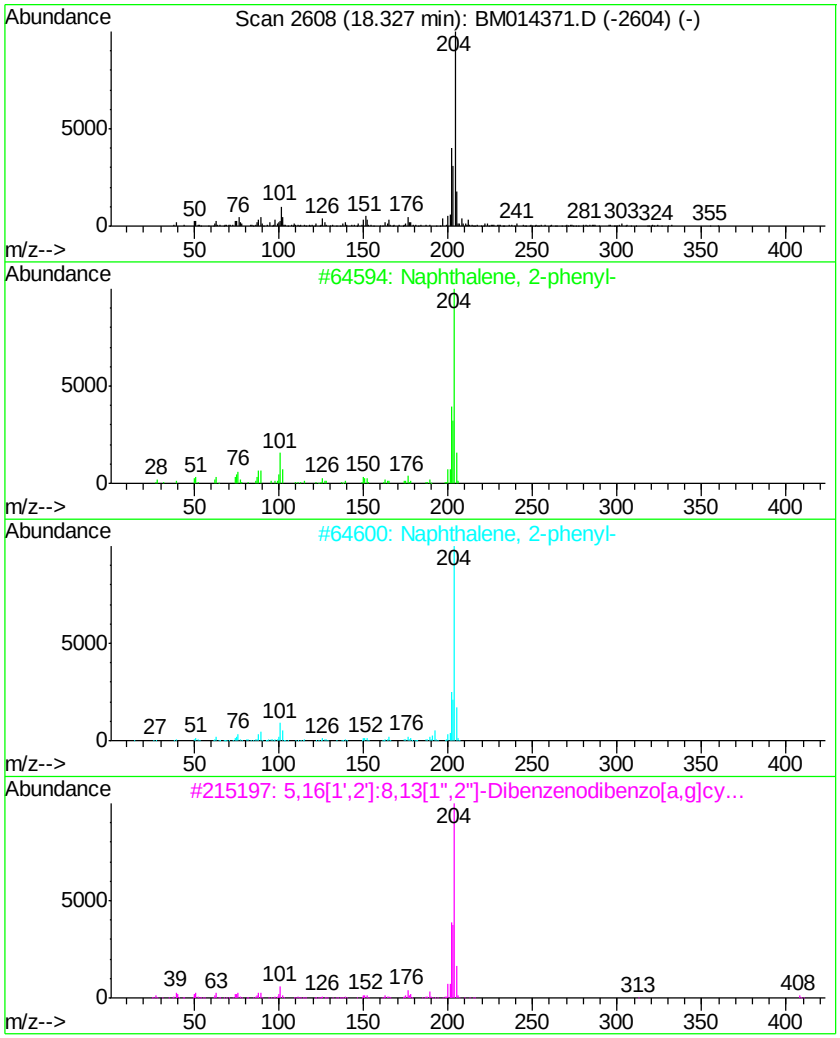
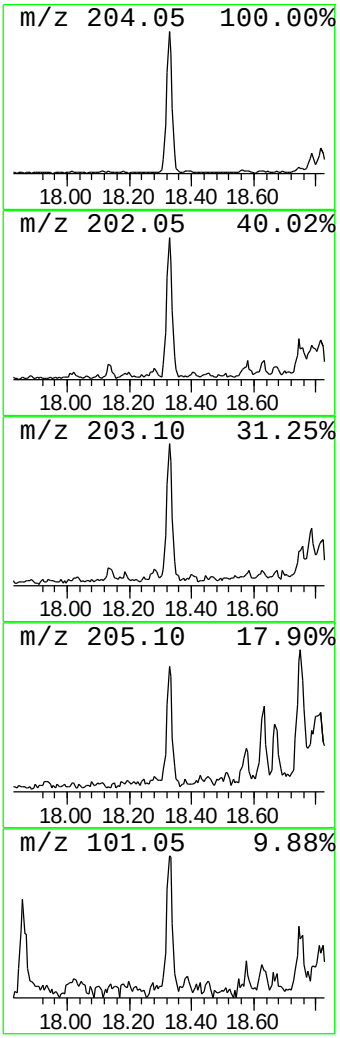
Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.69 ng/ul	497467	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Quant Title : SVOA CALIBRATION

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

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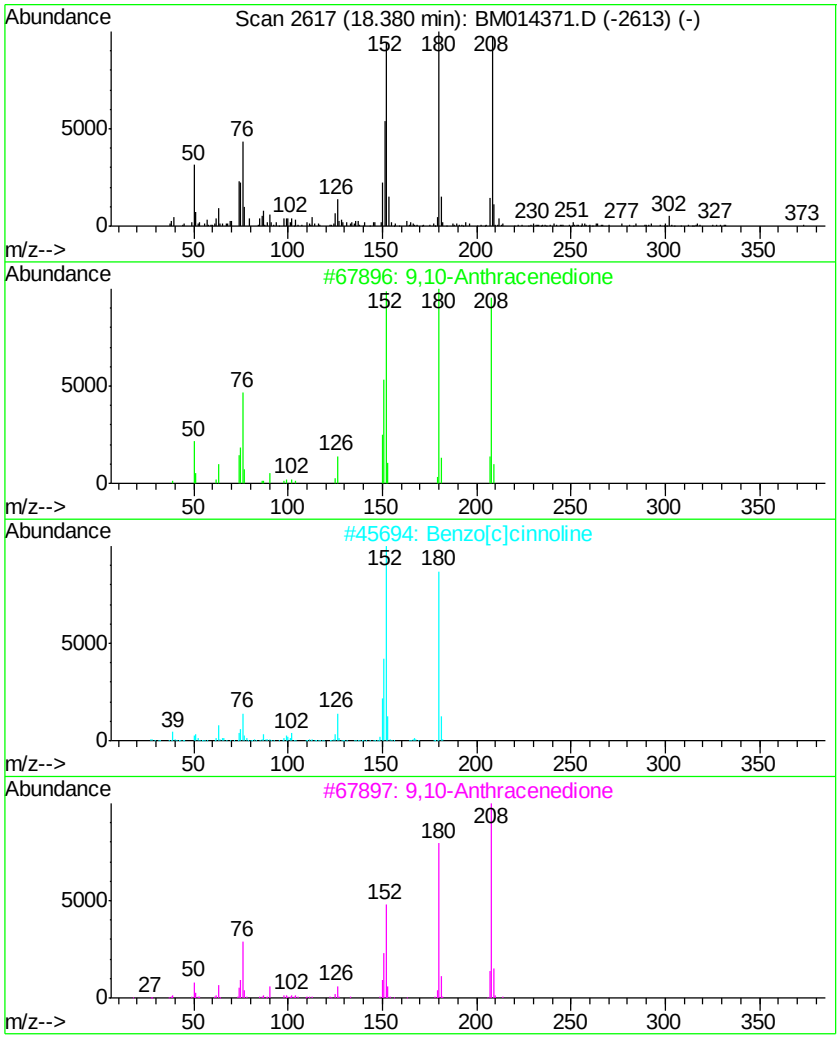
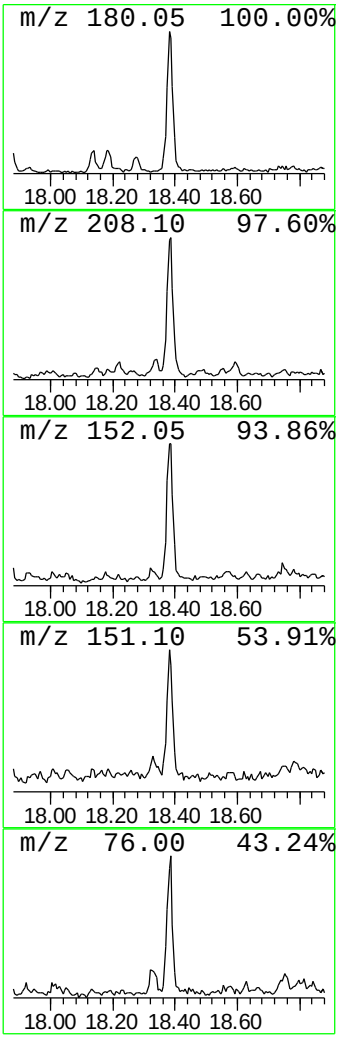
Peak Number 22 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.87 ng/ul	623455	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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TIC Integration Parameters: LSCINT.P

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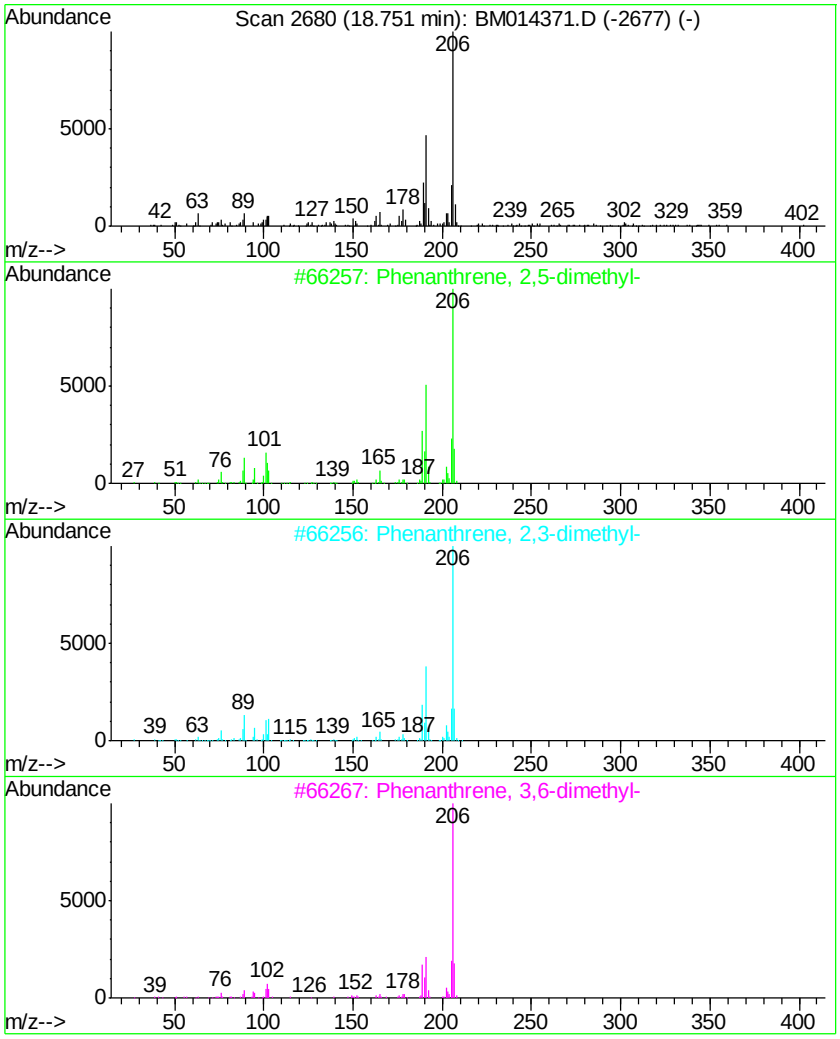
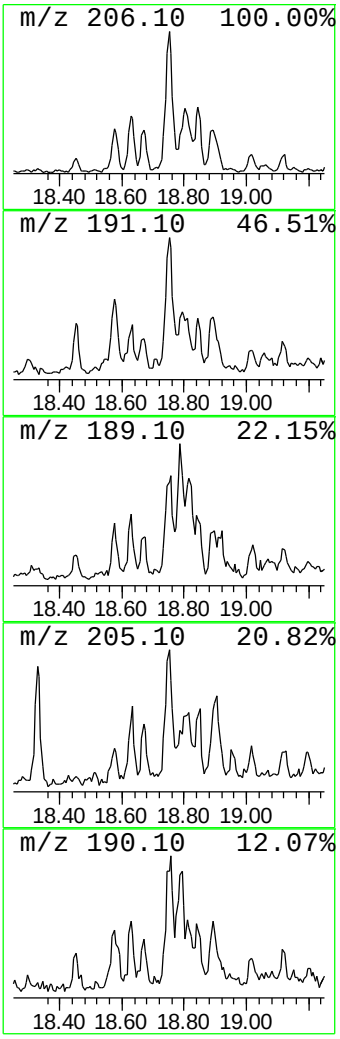
Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.23 ng/ul	342612	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





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TIC Integration Parameters: LSCINT.P

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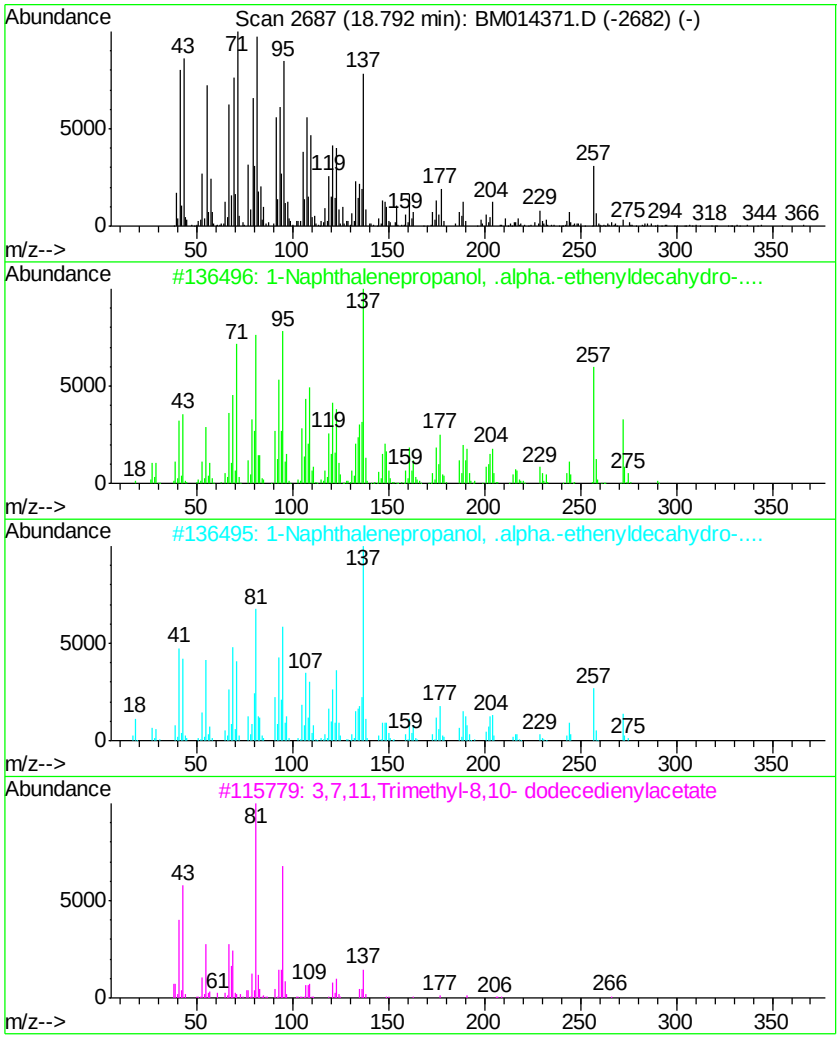
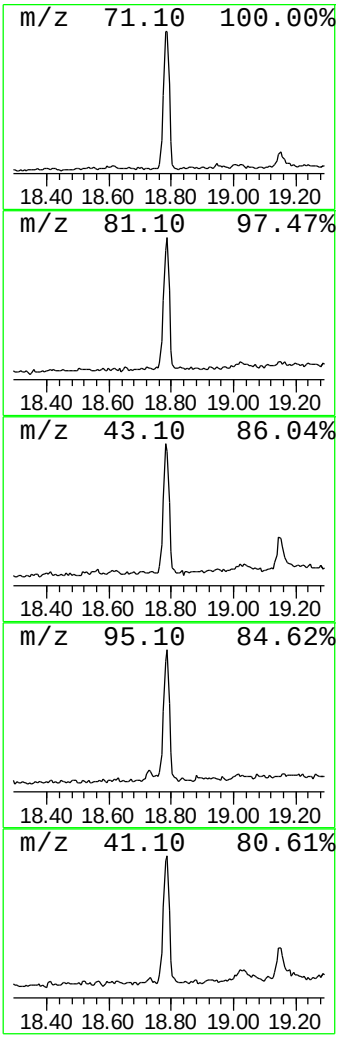
Peak Number 24 1-Naphthalenepropanol, .alp... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	37.93 ng/ul	4027050	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	000596-85-0	92
2	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	62
3	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	43
4	Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	38
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	38





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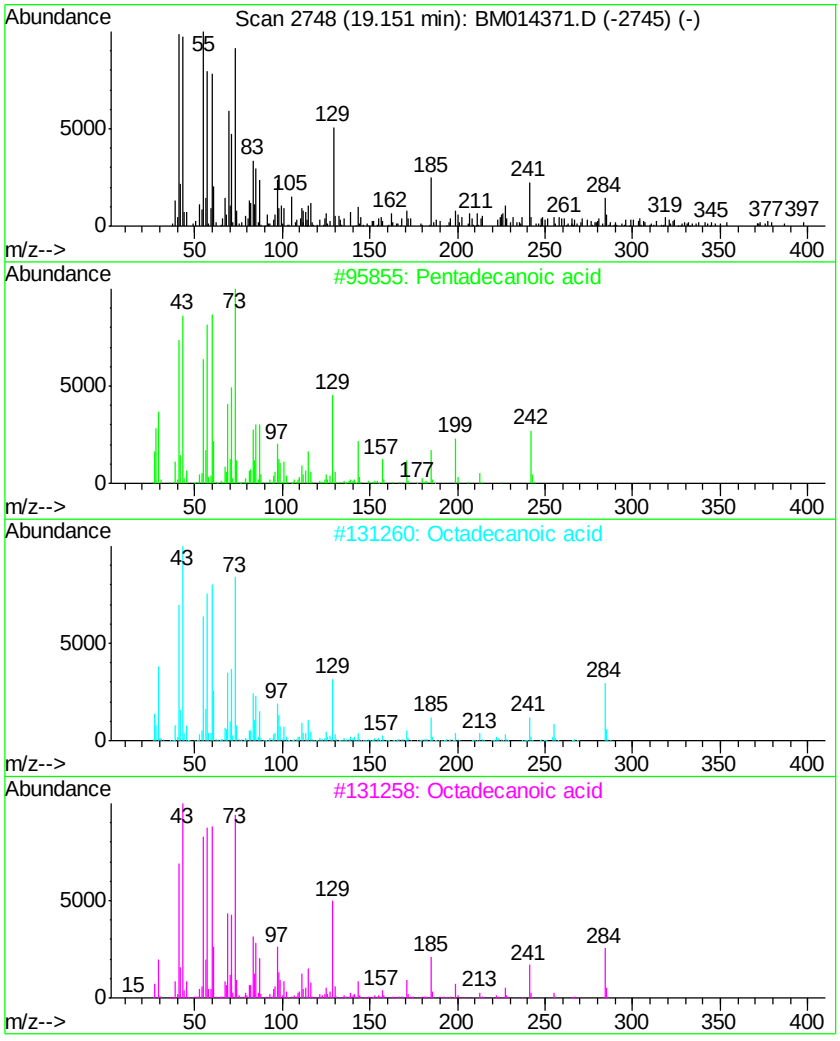
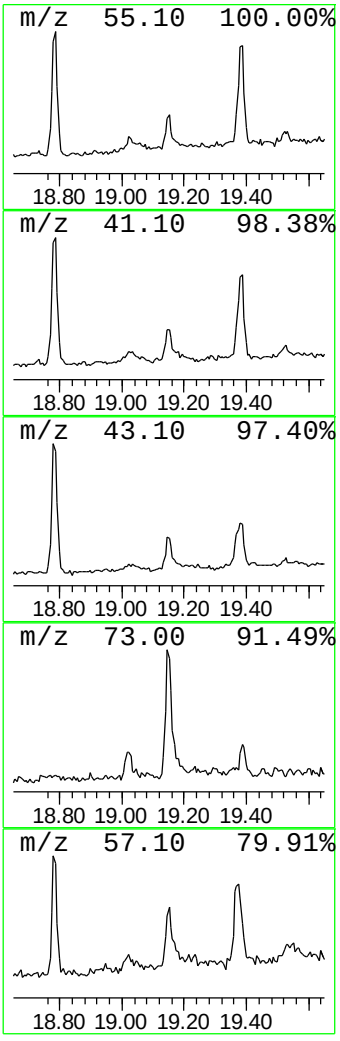
Peak Number 25 Pentadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	3.08 ng/ul	728676	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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TIC Integration Parameters: LSCINT.P

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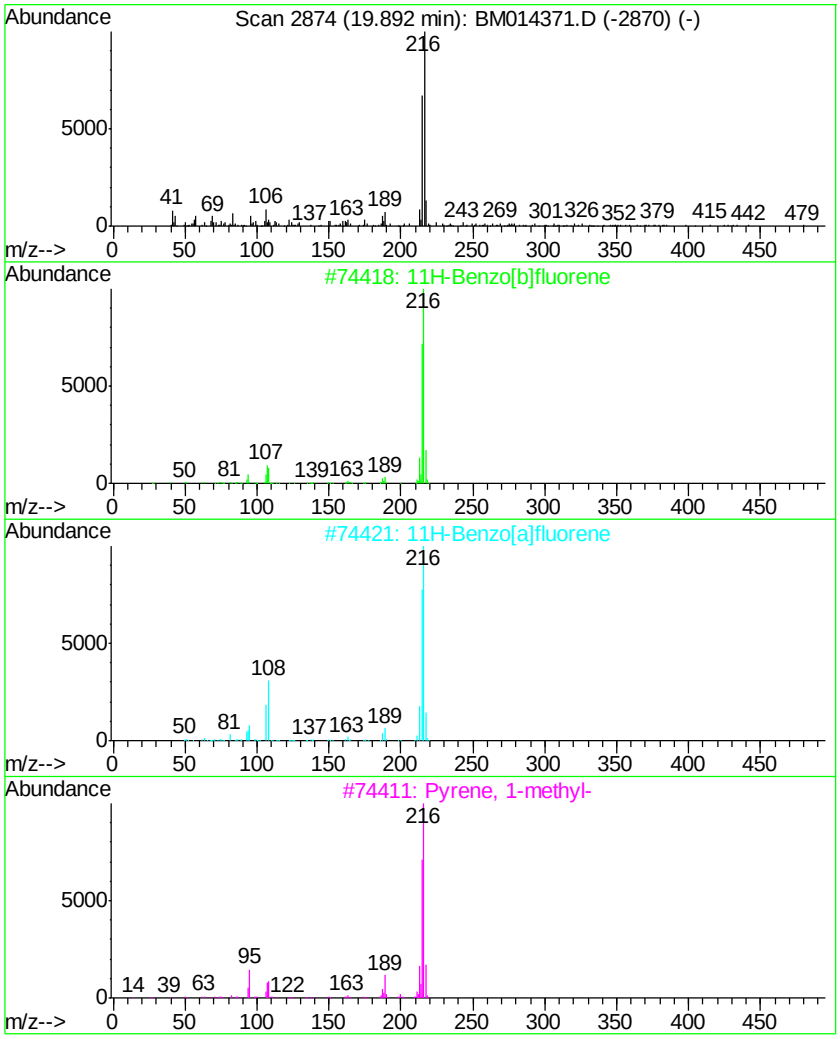
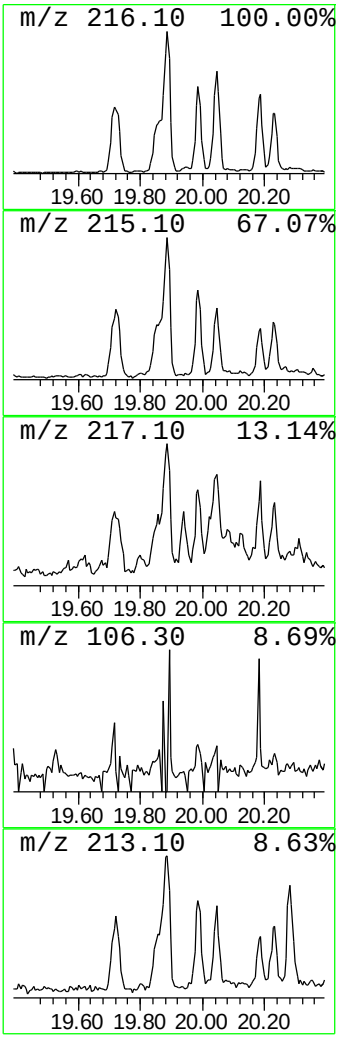
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.85 ng/ul	911478	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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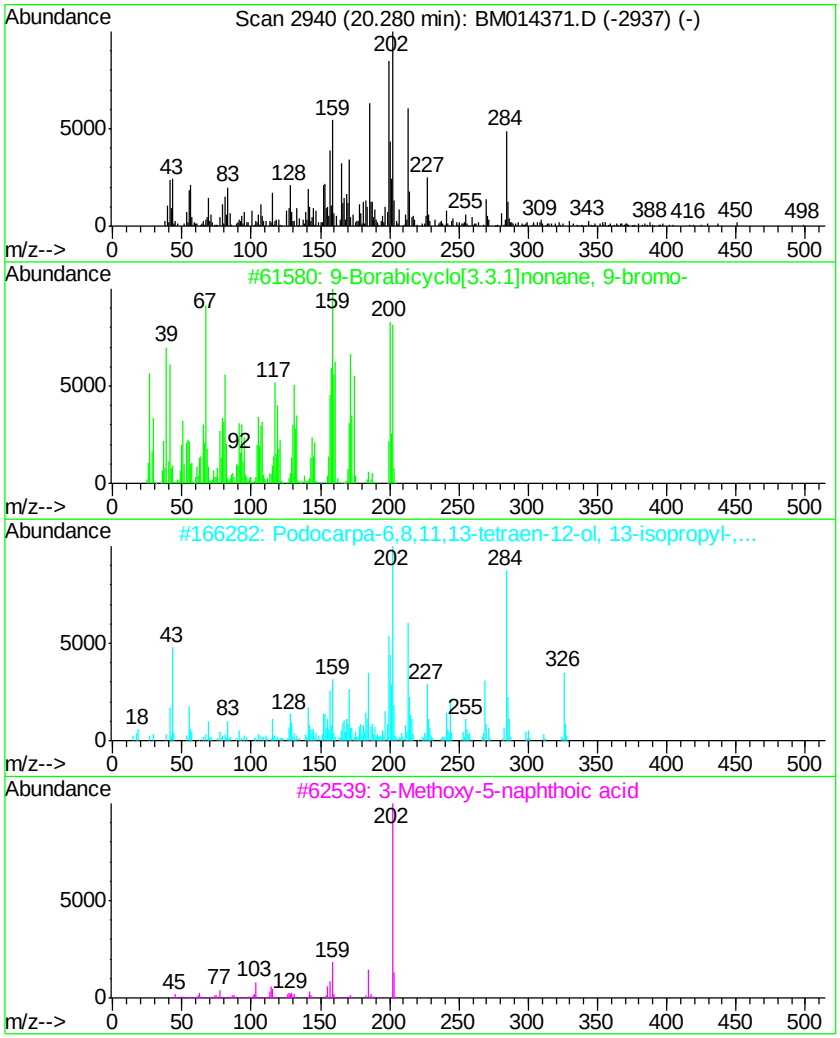
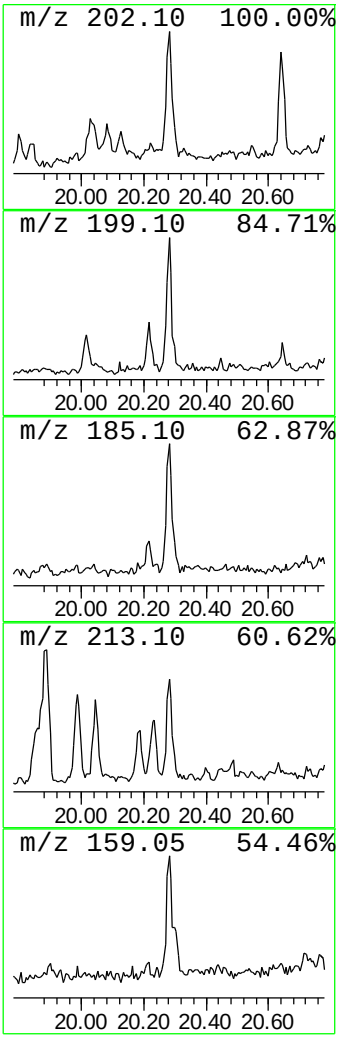
Peak Number 28 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	4.55 ng/ul	1076020	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-br...	200	C8H14BBr	022086-45-9	78
2	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	64
3	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	30
4	Phenanthrene, 9-butyl-1,2,3,4,5,...	242	C18H26	016703-29-0	30
5	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	25





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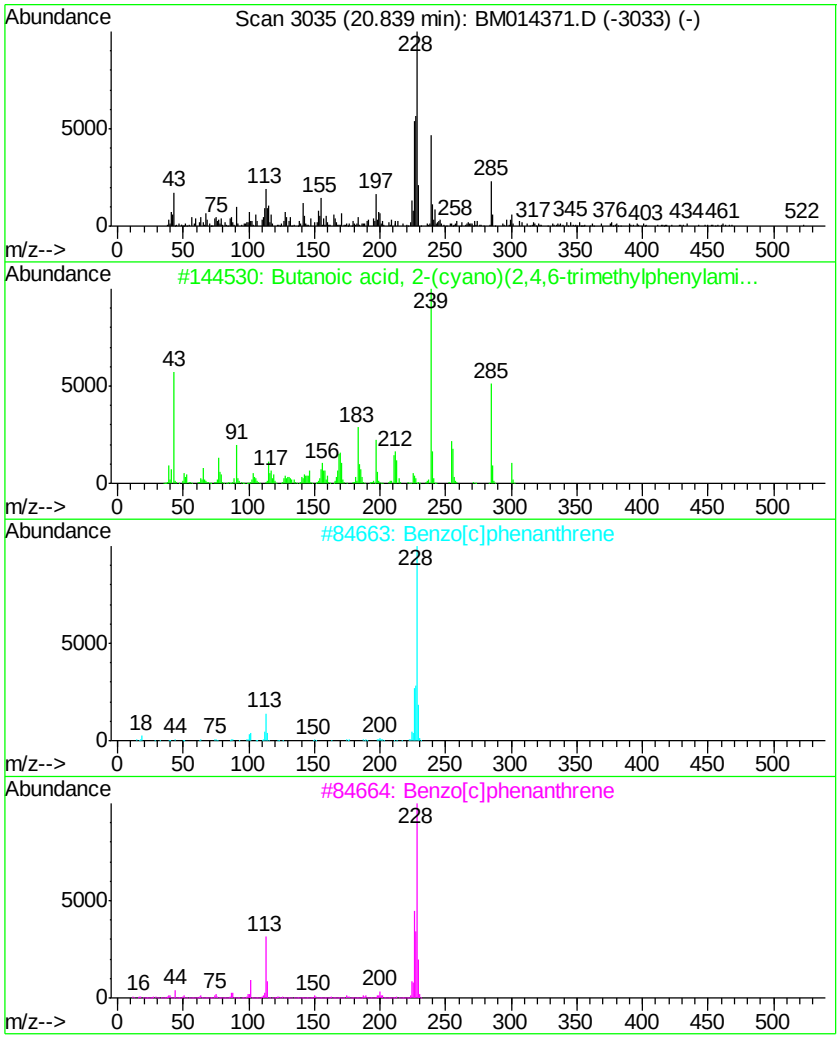
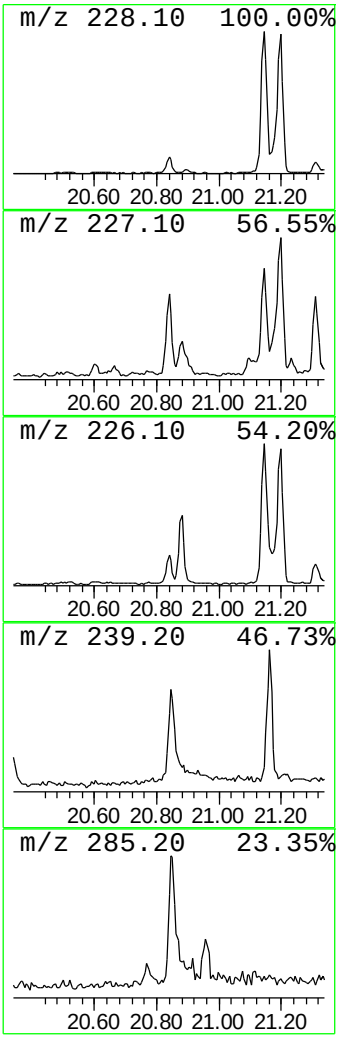
Peak Number 29 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.32 ng/ul	549292	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	46
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	42
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	30
4	Benzene, 1-methoxy-2-[(4-methoxy...	228	C15H16O2	030567-87-4	30
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	27





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Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

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Quant Title : SVOA CALIBRATION

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

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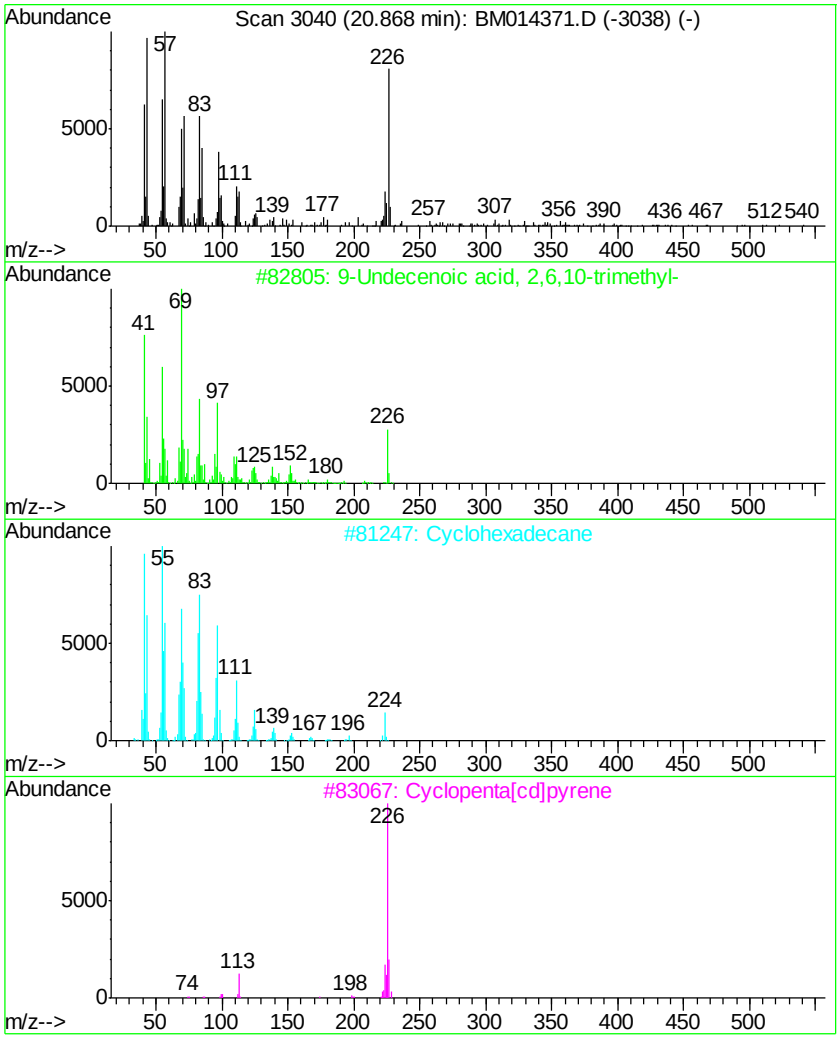
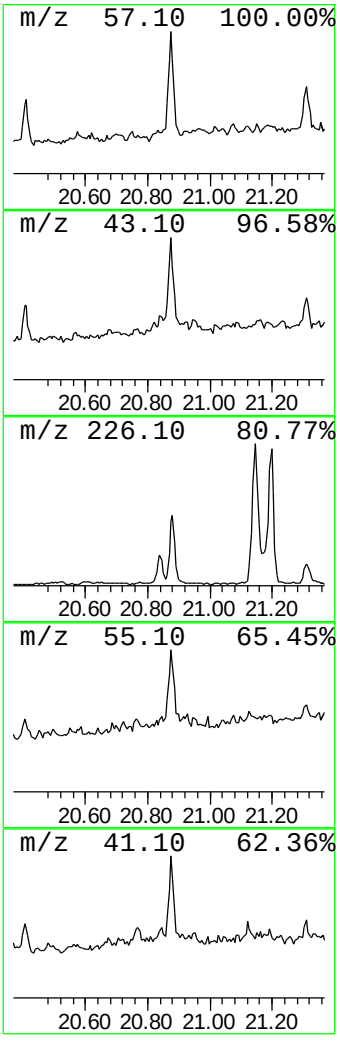
Peak Number 30 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.17 ng/ul	1224190	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	32
2	Cyclohexadecane	224	C16H32	000295-65-8	30
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
4	Heptadecafluorononanoic acid, he...	688	C25H33F17O2	1000356-03-2	27
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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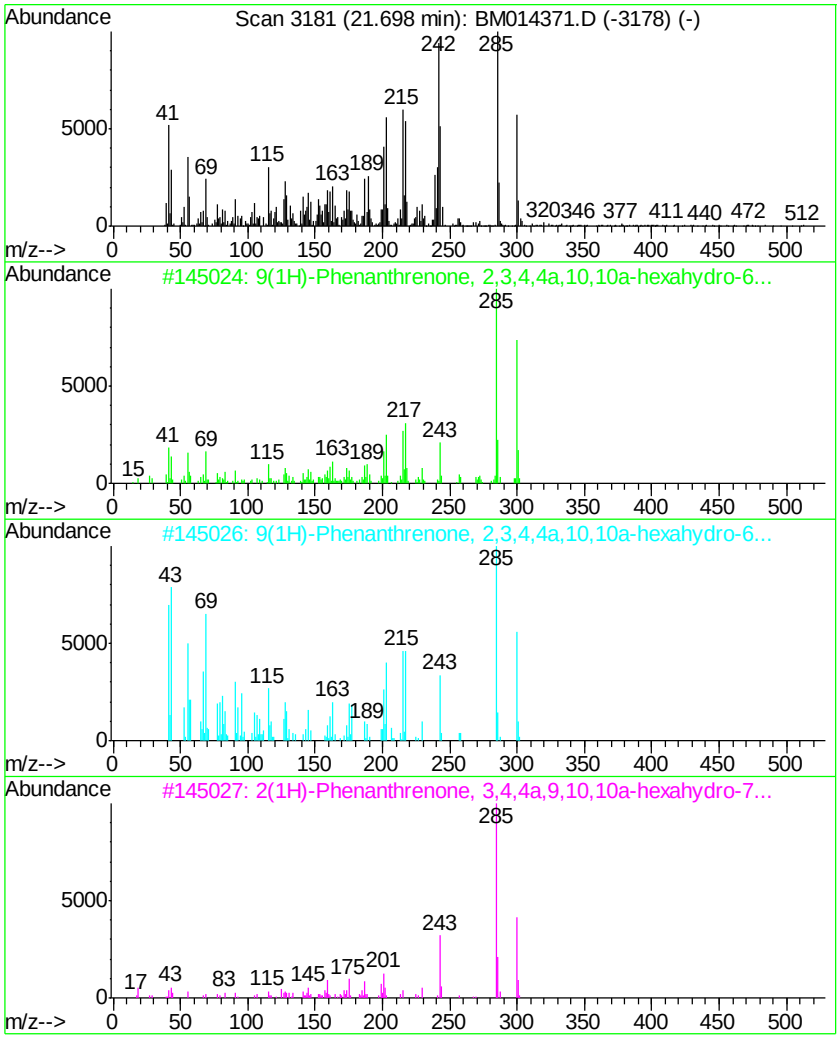
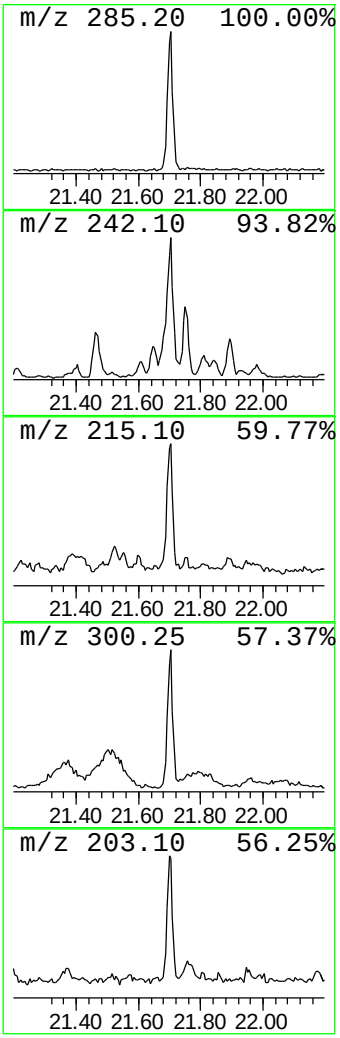
Peak Number 31 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	10.39 ng/ul	2459640	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	93
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	91
3	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	83
4	Thionaphthene, 2-[1-(1-pyrrolidy...	285	C18H23NS	147299-15-8	55
5	2-Quinoxalinecarbonitrile, 3-ami...	285	C15H16FN5	1000350-07-5	49





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE609

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
Silane, tetramethyl-	4.68	3.1	ng/ul	183930	1	7.53	1174530	20.0
Benzene, 1-methyl...	7.65	3.2	ng/ul	185817	1	7.53	1174530	20.0
Bicyclo[2.2.1]hep...	9.72	3.1	ng/ul	276996	2	10.30	1762490	20.0
Benzene, 1-chloro...	10.92	4.1	ng/ul	361308	2	10.30	1762490	20.0
(DEL) Alkane: Str...	15.05	2.6	ng/ul	288134	3	14.19	2173380	20.0
Dibenzofuran, 4-m...	15.69	2.4	ng/ul	250767	4	16.95	2123430	20.0
(DEL) Alkane: Str...	15.92	3.8	ng/ul	400051	4	16.95	2123430	20.0
Benzenamine, 2-ch...	16.12	10.6	ng/ul	1127620	4	16.95	2123430	20.0
Botran	16.36	3.0	ng/ul	318557	4	16.95	2123430	20.0
9H-Fluoren-9-one	16.61	2.8	ng/ul	300833	4	16.95	2123430	20.0
(DEL) Alkane: Str...	16.70	2.2	ng/ul	229304	4	16.95	2123430	20.0
Dibenzothiophene	16.76	3.4	ng/ul	355990	4	16.95	2123430	20.0
Benzo[g]isoquinoline	17.15	2.9	ng/ul	305290	4	16.95	2123430	20.0
1-Methyldibenzoth...	17.53	2.2	ng/ul	235016	4	16.95	2123430	20.0
Phenanthrene, 1-m...	17.82	7.5	ng/ul	795206	4	16.95	2123430	20.0
1H-Cyclopropa[l]p...	17.86	20.0	ng/ul	2127420	4	16.95	2123430	20.0
4H-Cyclopenta[def...	18.02	11.9	ng/ul	1268870	4	16.95	2123430	20.0
Phenanthrene, 2-m...	18.05	5.0	ng/ul	528162	4	16.95	2123430	20.0
unknown-01	18.22	3.6	ng/ul	380436	4	16.95	2123430	20.0
Naphthalene, 2-ph...	18.33	4.7	ng/ul	497467	4	16.95	2123430	20.0
9,10-Anthracenedione	18.38	5.9	ng/ul	623455	4	16.95	2123430	20.0
Phenanthrene, 2,5...	18.75	3.2	ng/ul	342612	4	16.95	2123430	20.0
1-Naphthaleneprop...	18.79	37.9	ng/ul	4027050	4	16.95	2123430	20.0
Pentadecanoic acid	19.15	3.1	ng/ul	728676	5	21.16	4733480	20.0
11H-Benzo[b]fluorene	19.89	3.9	ng/ul	911478	5	21.16	4733480	20.0
9-Borabicyclo[3.3...	20.28	4.5	ng/ul	1076020	5	21.16	4733480	20.0
unknown-02	20.84	2.3	ng/ul	549292	5	21.16	4733480	20.0
unknown-03	20.87	5.2	ng/ul	1224190	5	21.16	4733480	20.0
9(1H)-Phenanthren...	21.70	10.4	ng/ul	2459640	5	21.16	4733480	20.0