LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

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-BM101419MA.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	3.681	114	118	126	rVB	527300	651353	5.76%	0.370%
2	5.004	338	343	349	rVB	164675	245814	2.18%	0.140%
3	5.334	394	399	406	rVB	122756	234213	2.07%	0.133%
4	6.834	647	654	663	rVV2	1005854	1929417	17.08%	1.096%
5	6.998	673	682	690	rBV	749654	1236437	10.94%	0.702%
6	7.198	708	716	722	rBV	1027774	1615795	14.30%	0.918%
7	7.322	731	737	747	rBV4	334588	595921	5.27%	0.339%
8	7.663	789	795	806	rBV	1795498	2871890	25.42%	1.631%
9	8.222	883	890	895	rVV3	121747	284532	2.52%	0.162%
10	8.310	901	905	909	rVV	190198	295668	2.62%	0.168%
11	8.369	909	915	921	rVV	1099719	1824847	16.15%	1.037%
12	8.628	951	959	962	rVV3	117781	211366	1.87%	0.120%
13	8.675	962	967	972	rVB2	142195	248003	2.19%	0.141%
14	8.775	977	984	985	rBV	249836	348732	3.09%	0.198%
15	8.810	985	990	995	rVB	825658	1312923	11.62%	0.746%
16	8.916	1002	1008	1017	rVB	1266621	1938214	17.15%	1.101%
17	9.033	1017	1028	1034	rVB10	81135	245537	2.17%	0.139%
18	9.292	1068	1072	1077	rVB2	199302	289336	2.56%	0.164%
19	9.351	1077	1082	1085	rBV	252871	440864	3.90%	0.250%
20	9.380	1085	1087	1092	rVB	230528	287457	2.54%	0.163%
21	9.528	1106	1112	1121	rBV	699226	1175394	10.40%	0.668%
22	9.863	1158	1169	1177	rBV3	190155	506425	4.48%	0.288%
23	10.069	1198	1204	1215	rVV	1192382	2074119	18.36%	1.178%
24	10.316	1239	1246	1254	rVV4	72413	221734	1.96%	0.126%
25	10.445	1259	1268	1273	rBV	2278760	3914396	34.64%	2.224%
26	10.498	1273	1277	1285	rVV2	406442	763951	6.76%	0.434%
27	10.580	1285	1291	1299	rVV	343370	668585	5.92%	0.380%
28	11.969	1521	1527	1535	rVV4	73838	210363	1.86%	0.120%
29	12.116	1545	1552	1562	rVB	282559	480616	4.25%	0.273%
30	12.333	1583	1589	1595	rBV	224739	364055	3.22%	0.207%
31	13.139	1721	1726	1737	rVB2	156476	317355	2.81%	0.180%
32	13.363	1756	1764	1771	rVB	603521	1057881	9.36%	0.601%
33	13.633	1804	1810	1815	rVV	217892	364816	3.23%	0.207%
34	13.727	1821	1826	1830	rVV	1894714	2820437	24.96%	1.602%

LSC Area Percent Report

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Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

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-BM101419MA.M
Title : SVOA CALIBRATION

35	13.768	1830	1833	1837	rVV2	823861	1234739	10.93%	0.701%
36	13.804	1837	1839	1846	rVV2	264361	380067	3.36%	0.216%
37	13.998	1866	1872	1876	rBV	2263910	3750674	33.20%	2.131%
38	14.204	1902	1907	1911	rVB	629089	783083	6.93%	0.445%
39	14.310	1918	1925	1931	rBV	3140843	4755374	42.09%	2.701%
40	14.374	1931	1936	1944	rVB	331288	526323	4.66%	0.299%
41	14.504	1952	1958	1969	rBV2	522161	896610	7.94%	0.509%
42	14.715	1989	1994	2003	rVB3	225779	524675	4.64%	0.298%
43	14.915	2024	2028	2035	rBV2	152870	378334	3.35%	0.215%
44	15.186	2070	2074	2081	rVB2	203193	352001	3.12%	0.200%
45	15.304	2089	2094	2100	rVV	2830198	4034790	35.71%	2.292%
46	15.357	2100	2103	2110	rVV2	238324	421632	3.73%	0.240%
47	15.421	2110	2114	2118	rVV2	336215	457492	4.05%	0.260%
48	15.657	2150	2154	2158	rBV2	121380	213124	1.89%	0.121%
49	15.809	2176	2180	2187	rVB3	129555	265604	2.35%	0.151%
50	16.057	2214	2222	2225	rBV7	169690	426983	3.78%	0.243%
51	16.092	2225	2228	2235	rVB	179215	234897	2.08%	0.133%
52	16.368	2269	2275	2280	rBV6	266398	489311	4.33%	0.278%
53	16.415	2280	2283	2289	rVB5	151437	219366	1.94%	0.125%
54	16.633	2317	2320	2324	rVV2	278165	402765	3.56%	0.229%
55	16.704	2329	2332	2342	rVB	281651	497674	4.40%	0.283%
56	16.874	2356	2361	2364	rBV2	179692	289416	2.56%	0.164%
57	17.056	2386	2392	2395	rBV	3396104	4835110	42.79%	2.747%
58	17.098	2395	2399	2404	rVV	3554769	4832965	42.77%	2.745%
59	17.156	2404	2409	2412	rVV	2725637	4126746	36.52%	2.344%
60	17.186	2412	2414	2420	rVV	879367	1137565	10.07%	0.646%
61	17.251	2421	2425	2431	rVB4	156018	293235	2.60%	0.167%
62	17.456	2456	2460	2465	rVB	241653	380066	3.36%	0.216%
63	17.933	2536	2541	2545	rBV	692814	1002539	8.87%	0.570%
64	17.980	2545	2549	2556	rVV	1429185	1998089	17.68%	1.135%
65	18.062	2557	2563	2568	rVV3	467117	1046391	9.26%	0.594%
66	18.127	2568	2574	2578	rVV2	1042705	2138234	18.92%	1.215%
67	18.162	2578	2580	2584	rVV	552550	656512	5.81%	0.373%
68	18.215	2585	2589	2597	rVB	679791	1116541	9.88%	0.634%
69	18.439	2624	2627	2629	rVV	297102	348464	3.08%	0.198%
70	18.468	2629	2632	2638	rVB2	768639	1041868	9.22%	0.592%
71	18.692	2667	2670	2674	rVB3	362802	501037	4.43%	0.285%

LSC Area Percent Report

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Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	18.856	2694	2698	2702	rBV2	728776	1105913	9.79%	0.628%
73	18.992	2718	2721	2728	rVB3	575918	933930	8.27%	0.531%
74	19.115	2737	2742	2747	rVB	4802265	6538281	57.87%	3.714%
75	19.192	2750	2755	2759	rBV	2046119	2678905	23.71%	1.522%
76	19.268	2764	2768	2772	rBV	1049719	1439099	12.74%	0.818%
77	19.450	2795	2799	2801	rBV	3607161	4796751	42.45%	2.725%
78	19.480	2801	2804	2813	rVB	4989254	7203101	63.75%	4.092%
79	19.897	2871	2875	2880	rBV	2366549	3093157	27.38%	1.757%
80	19.980	2887	2889	2892	rVB	587212	578107	5.12%	0.328%
81	20.015	2893	2895	2898	rBV	600145	584125	5.17%	0.332%
82	20.080	2903	2906	2909	rBV	570938	726945	6.43%	0.413%
83	20.233	2930	2932	2936	rVB2	456171	484347	4.29%	0.275%
84	20.280	2937	2940	2944	rVB	532505	646393	5.72%	0.367%
85	20.321	2945	2947	2954	rVB2	464841	631143	5.59%	0.359%
86	20.962	3053	3056	3058	rBV2	1620526	1815229	16.07%	1.031%
87	20.991	3058	3061	3070	rVV5	3488428	5342943	47.29%	3.035%
88	21.068	3070	3074	3079	rVB	3977902	5017814	44.41%	2.851%
89	21.144	3083	3087	3092	rBV2	2179769	2871255	25.41%	1.631%
90	21.197	3092	3096	3099	rVV	2667733	3058638	27.07%	1.738%
91	21.244	3099	3104	3108	rVV3	5864558	11298713	100.00%	6.419%
92	21.286	3108	3111	3122	rVB	3311384	4513137	39.94%	2.564%
93	21.444	3135	3138	3142	rVB	976657	1119964	9.91%	0.636%
94	21.886	3209	3213	3220	rBV3	2851321	4795230	42.44%	2.724%
95	22.803	3364	3369	3373	rBV	3000782	6179418	54.69%	3.510%
96	23.274	3445	3449	3453	rBV	1625735	2472738	21.89%	1.405%
97	23.321	3453	3457	3461	rVV	2257908	3734670	33.05%	2.122%
98	23.368	3461	3465	3470	rVB	2757943	4500628	39.83%	2.557%
99	23.462	3477	3481	3486	rVB	2792393	4268950	37.78%	2.425%
100	25.685	3853	3859	3866	rBV2	1671815	4564236	40.40%	2.593%

Sum of corrected areas: 176032502

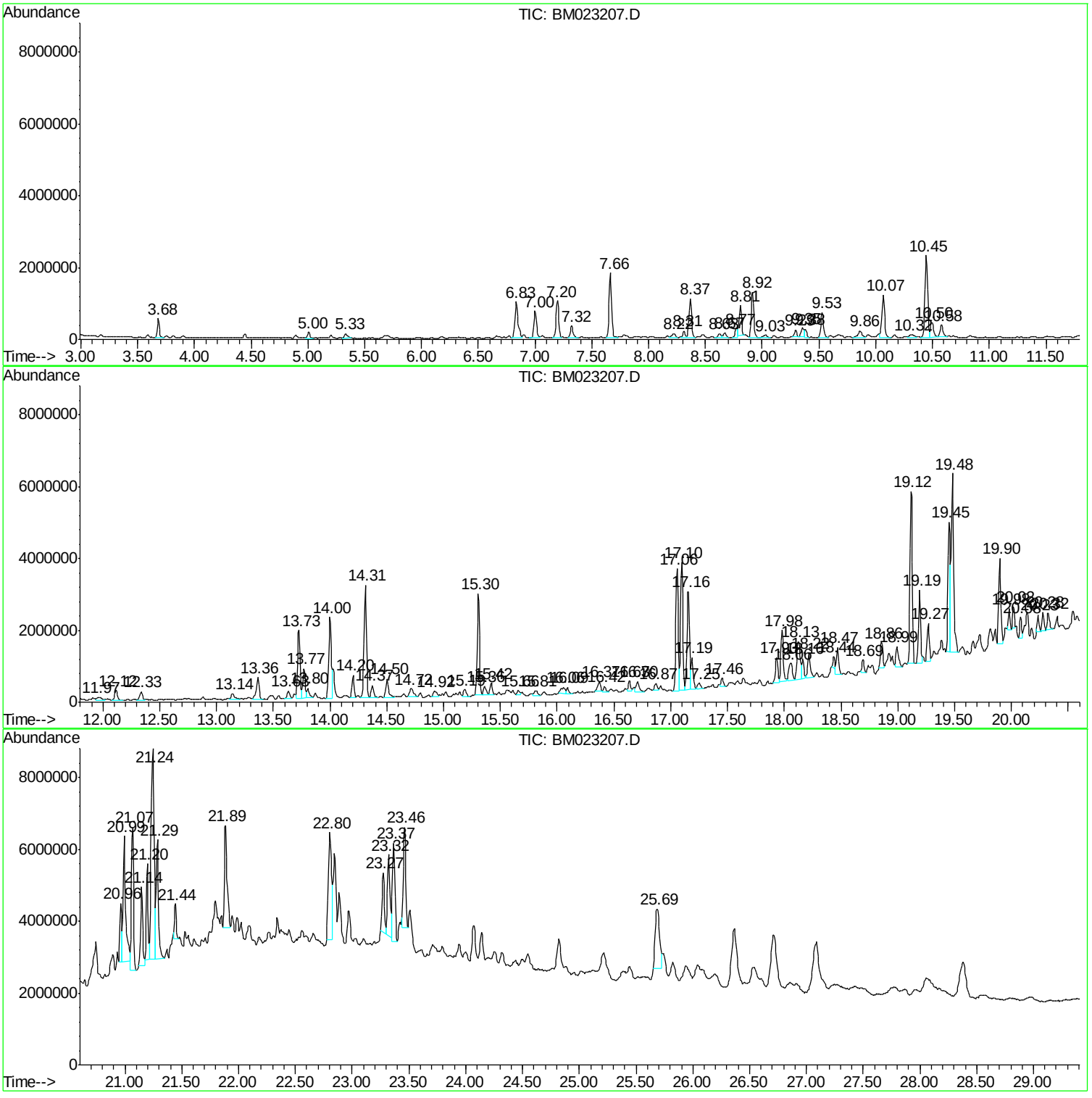
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

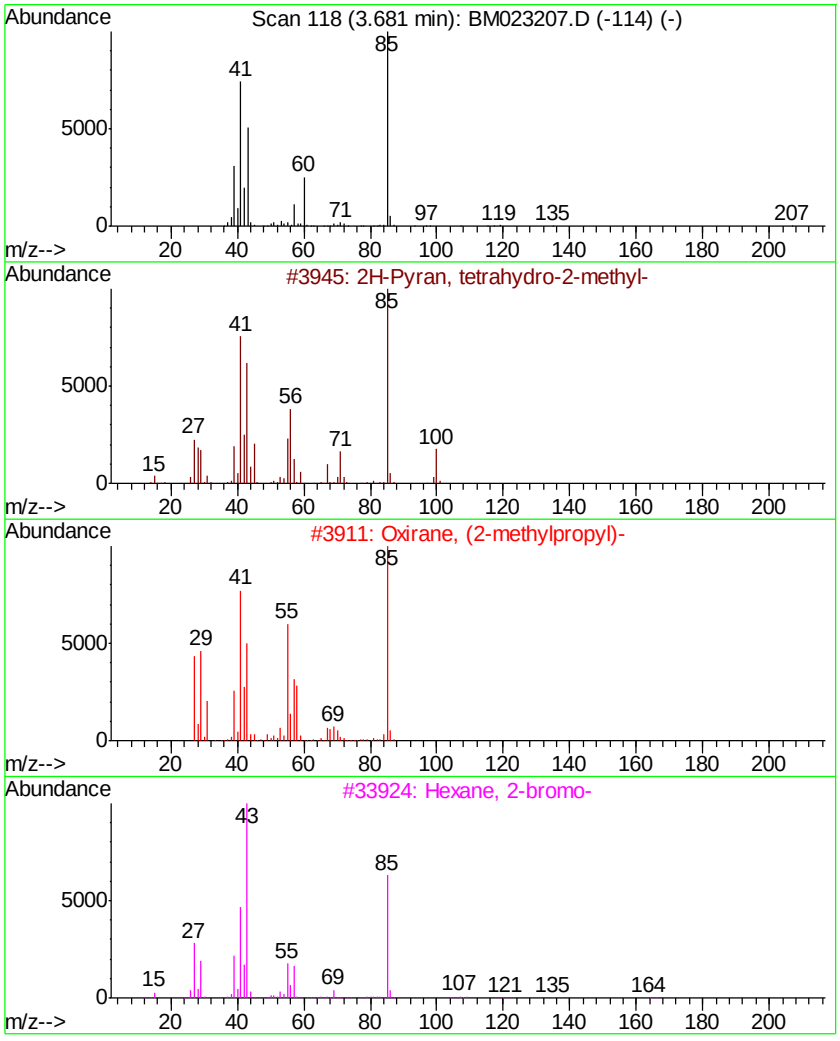
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

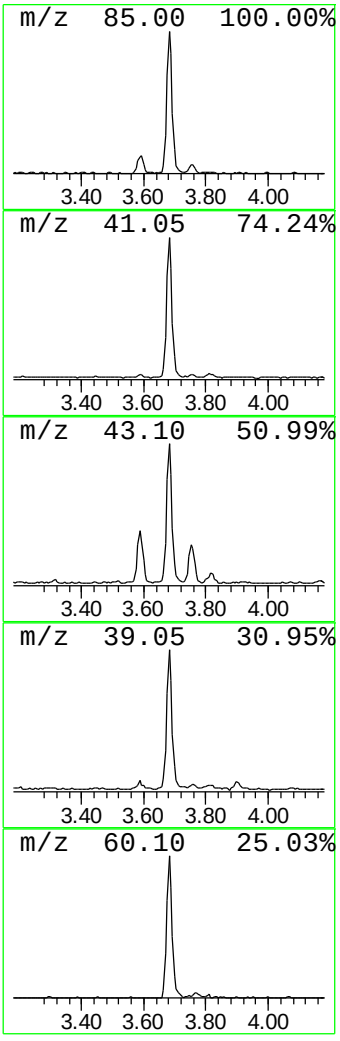
****

Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	4.54 ng/ul	651353	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
3	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	36
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
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Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

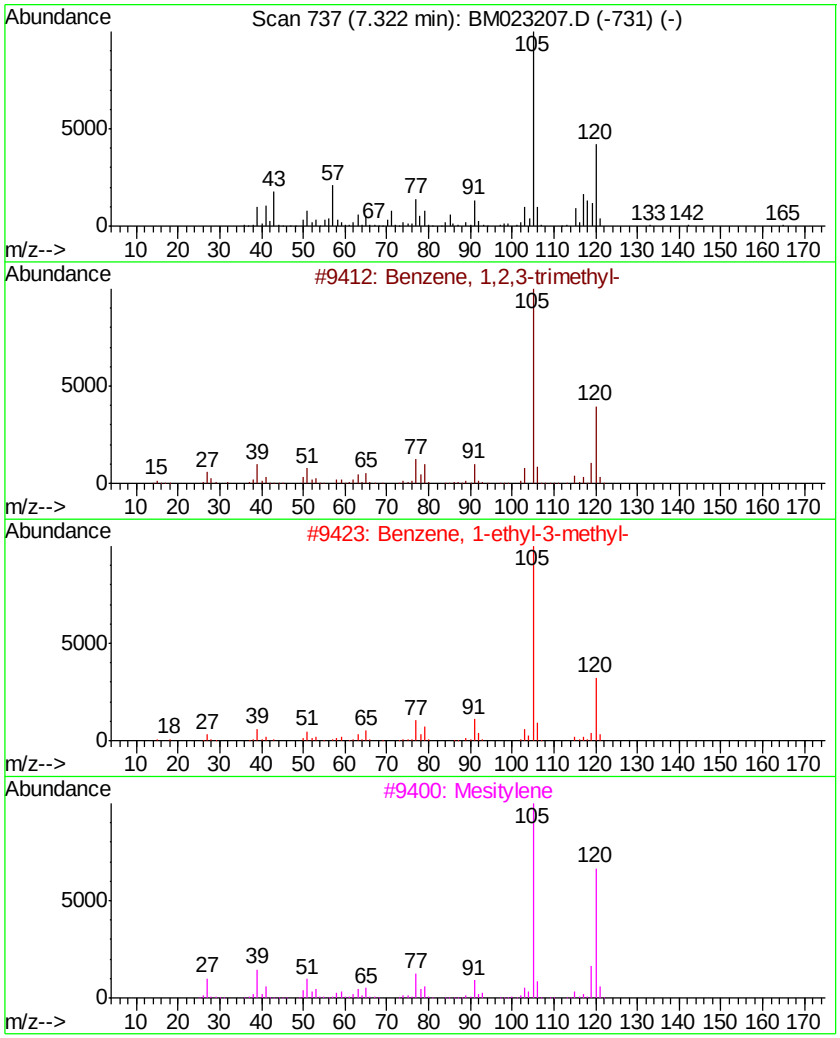
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

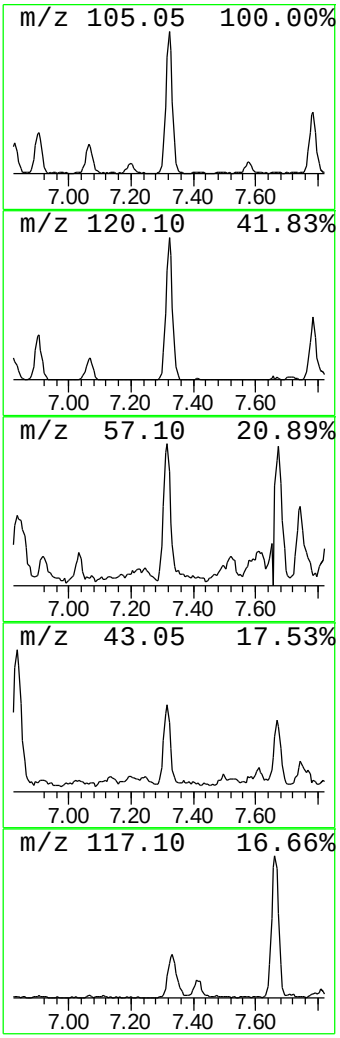
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	4.15 ng/ul	595921	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
3	Mesitylene	120	C9H12	000108-67-8	76
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5	Mesitylene	120	C9H12	000108-67-8	76





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Quant Title : SVOA CALIBRATION

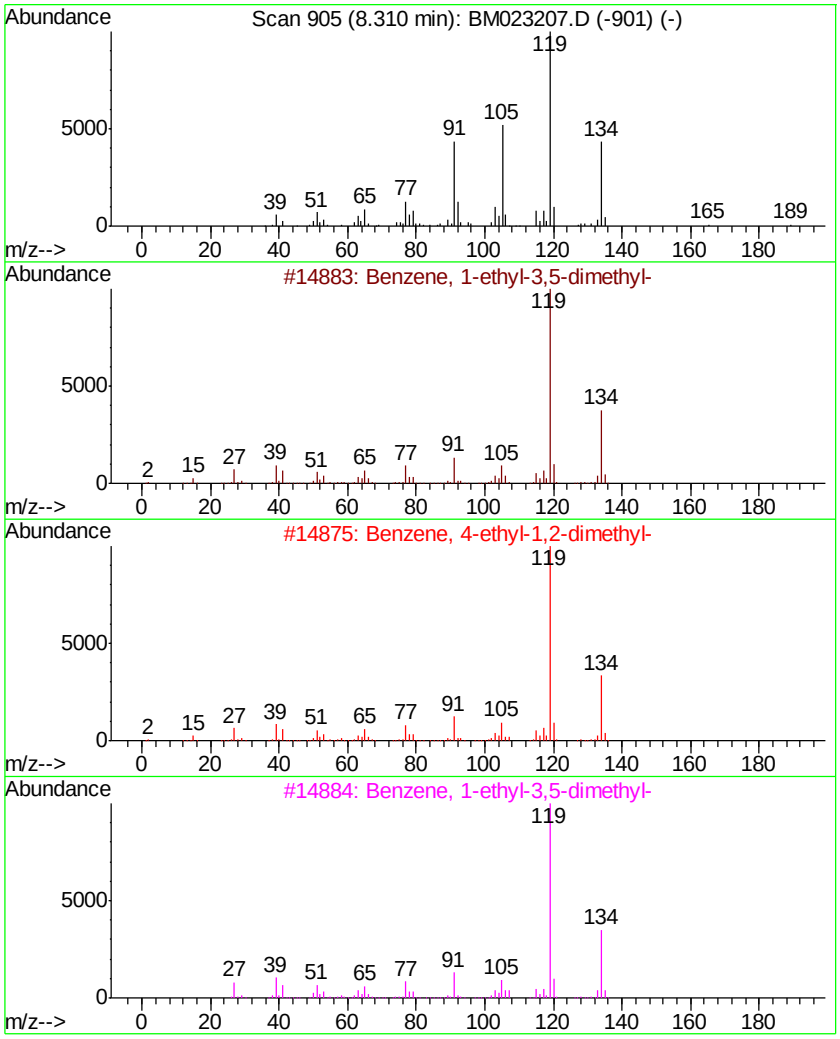
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

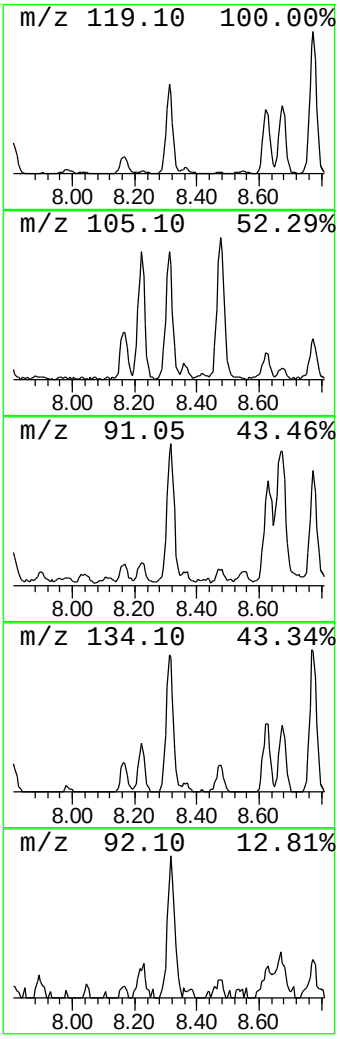
****

Peak Number 3 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	2.06 ng/ul	295668	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95





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ClientSampleId : BFB75

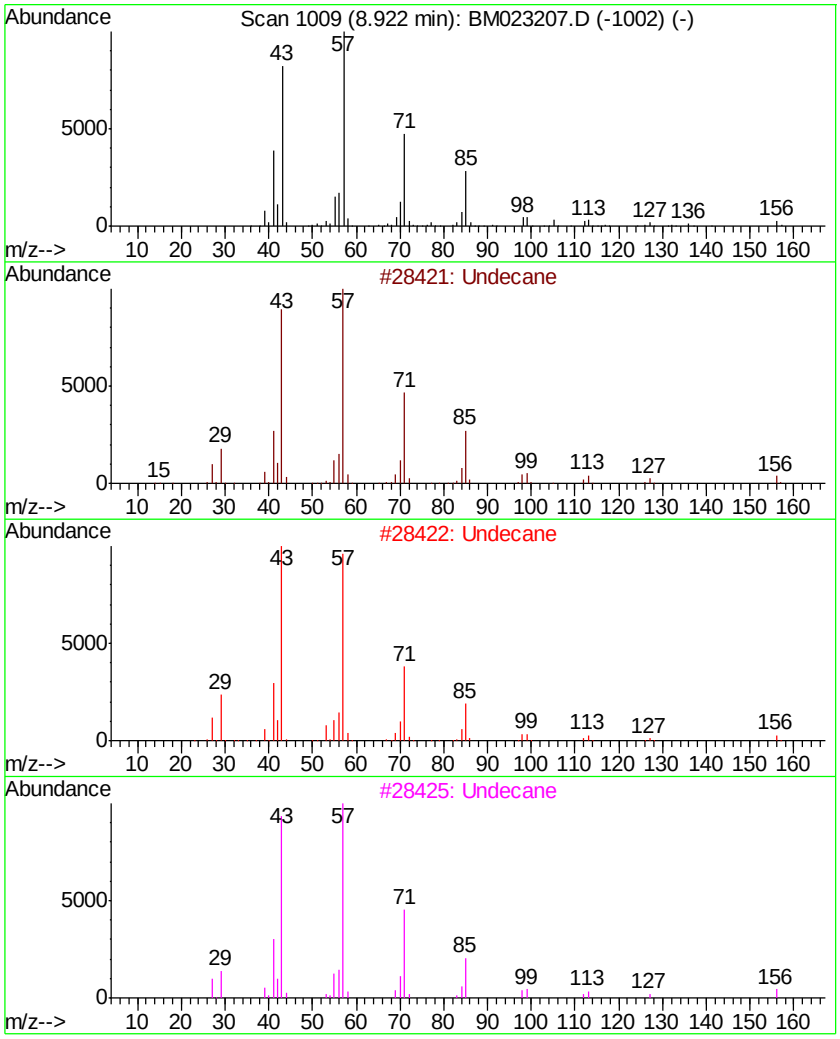
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

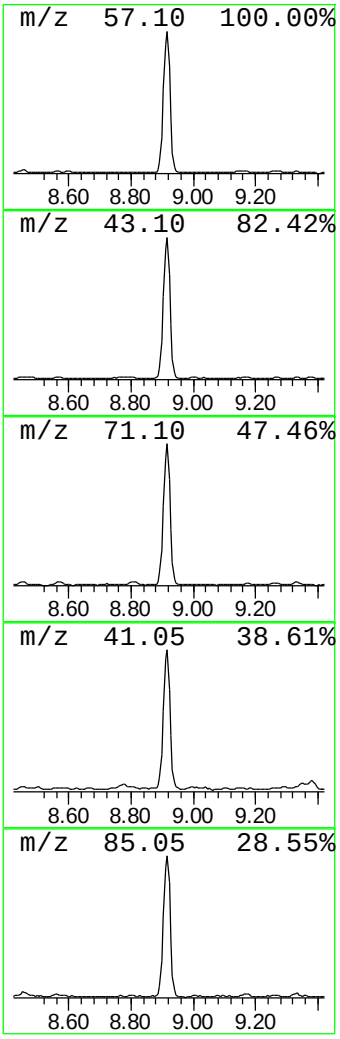
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	13.50 ng/ul	1938210	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane	184	C13H28	000629-50-5	86





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Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

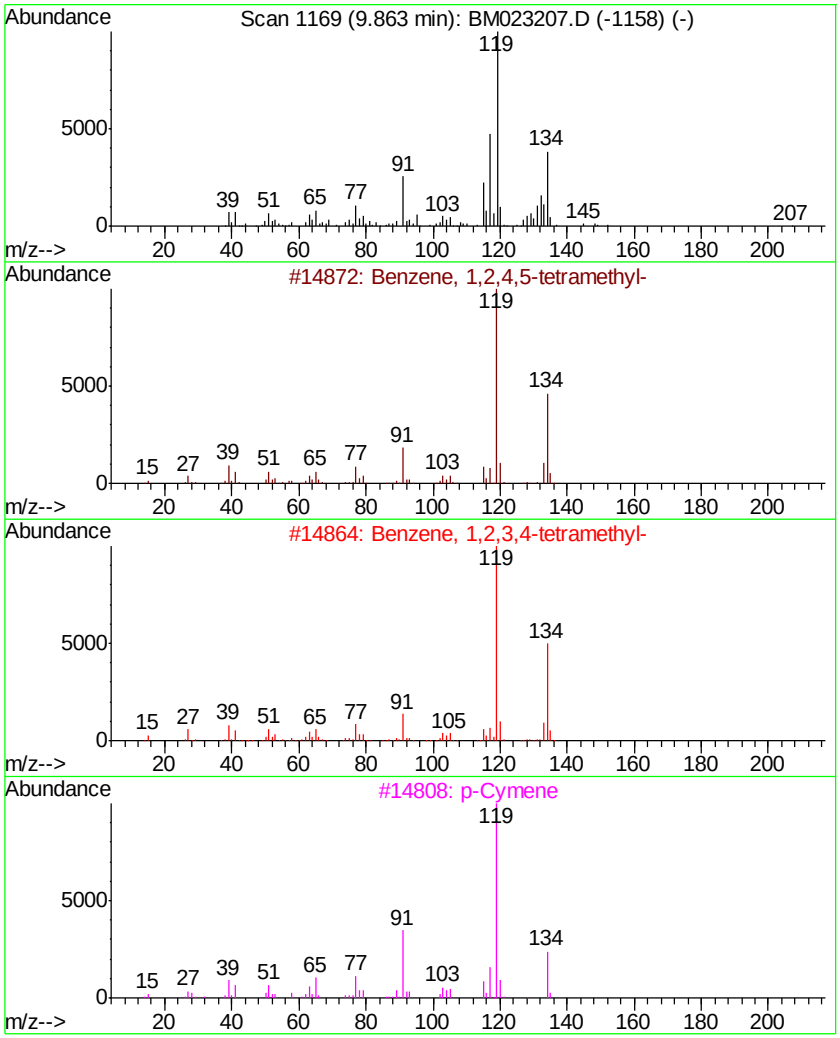
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

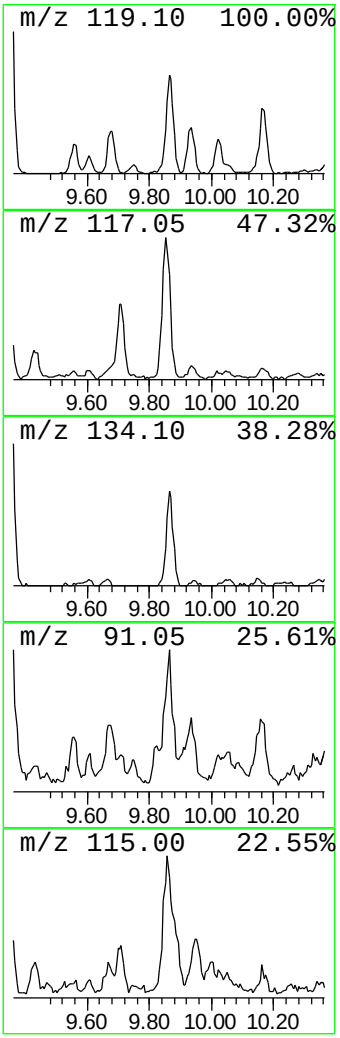
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.59 ng/ul	506425	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64





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Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
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Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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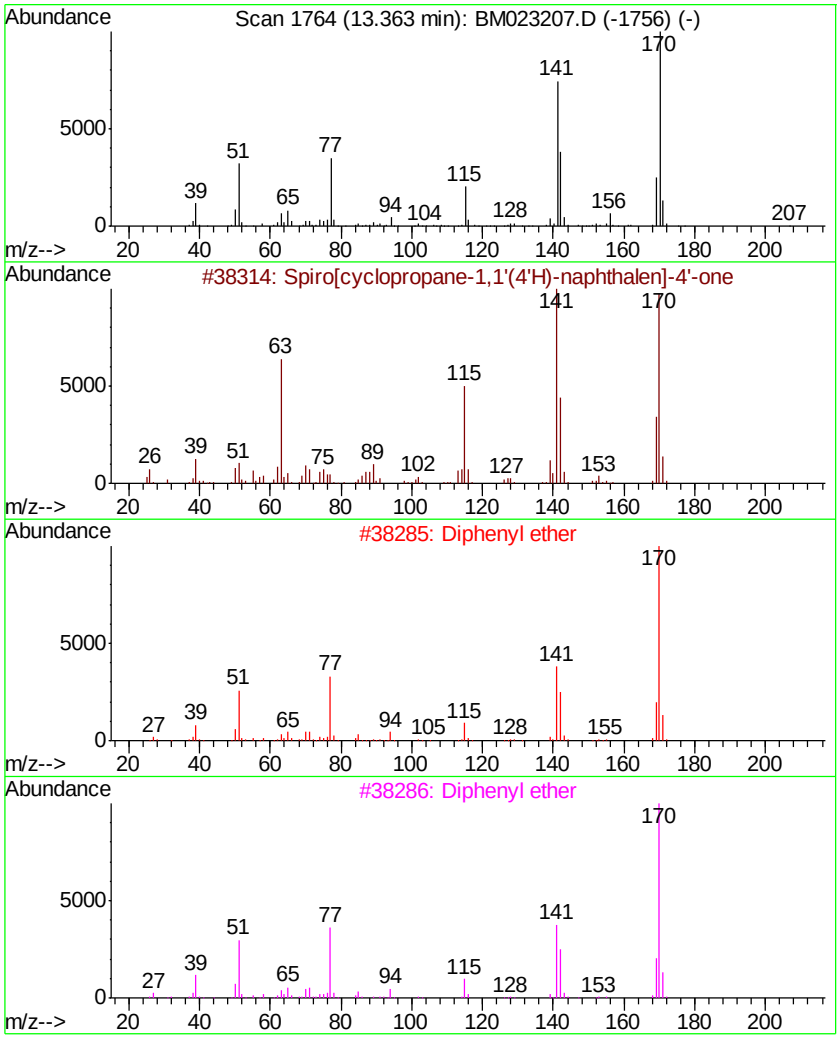
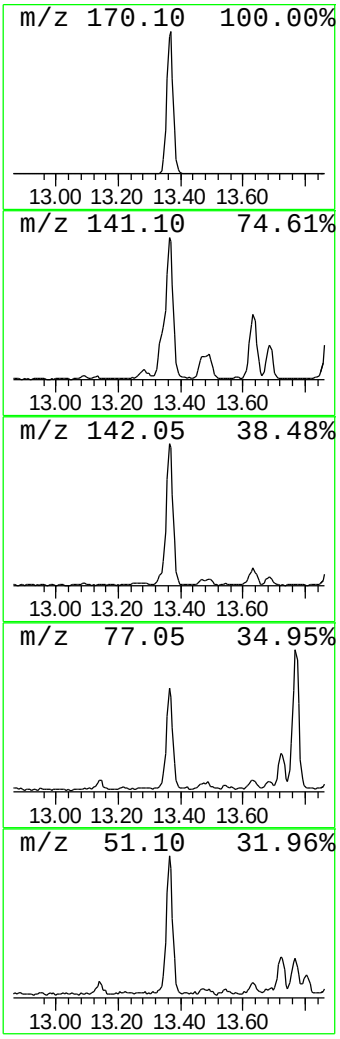
Peak Number 6 Spiro[cyclopropane-1,1'(4'H... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.45 ng/ul	1057880	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	59
2	Diphenyl ether	170	C12H10O	000101-84-8	58
3	Diphenyl ether	170	C12H10O	000101-84-8	58
4	1-Naphthalenecarboxaldehyde, 4-m...	170	C12H10O	033738-48-6	53
5	Diphenyl ether	170	C12H10O	000101-84-8	49





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ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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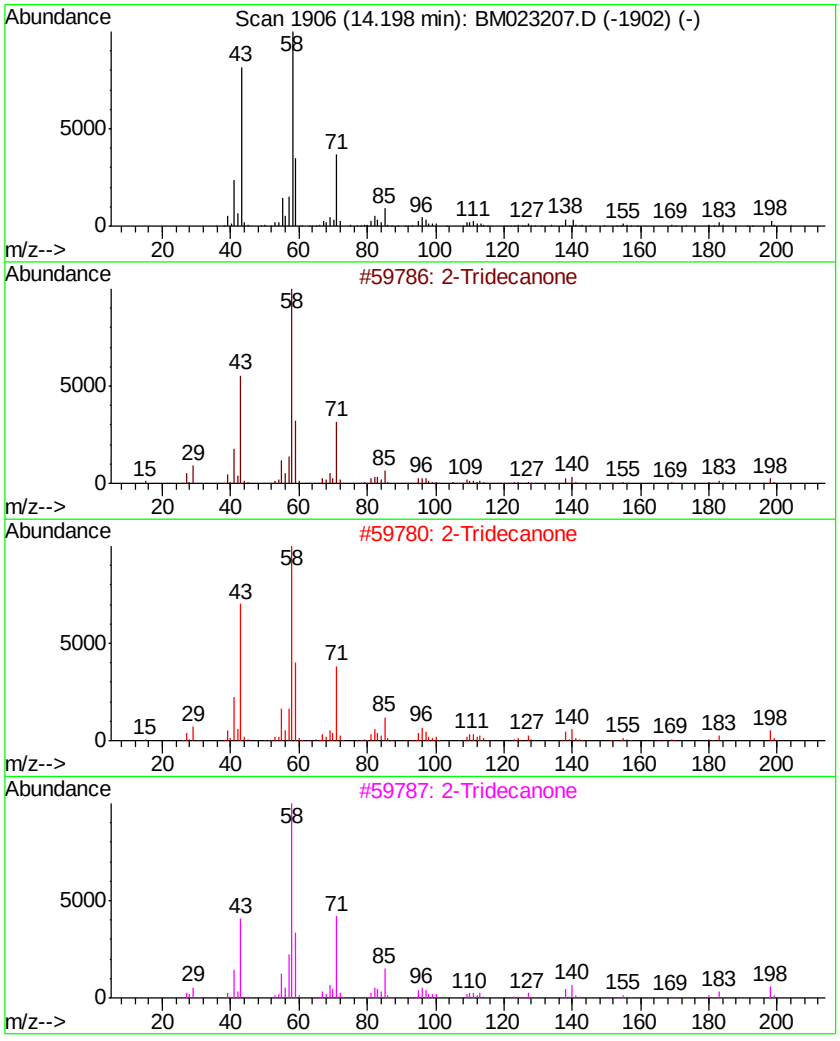
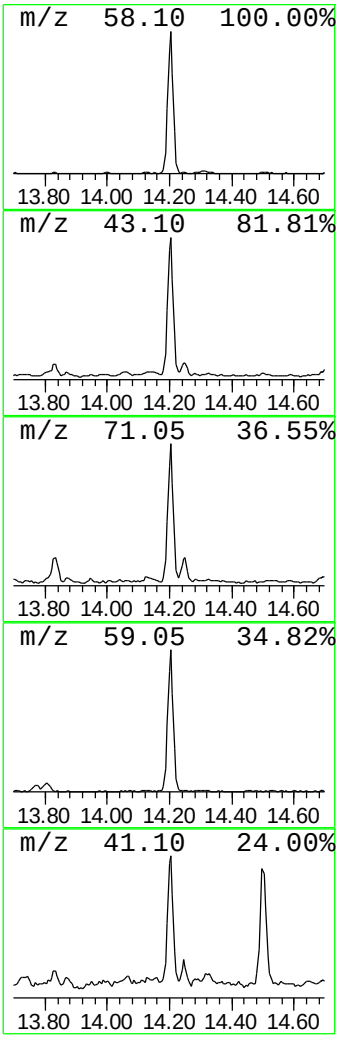
Peak Number 7 2-Tridecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.29 ng/ul	783083	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecanone	198	C13H26O	000593-08-8	96
2	2-Tridecanone	198	C13H26O	000593-08-8	95
3	2-Tridecanone	198	C13H26O	000593-08-8	93
4	2-Dodecanone	184	C12H24O	006175-49-1	91
5	2-Dodecanone	184	C12H24O	006175-49-1	90





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ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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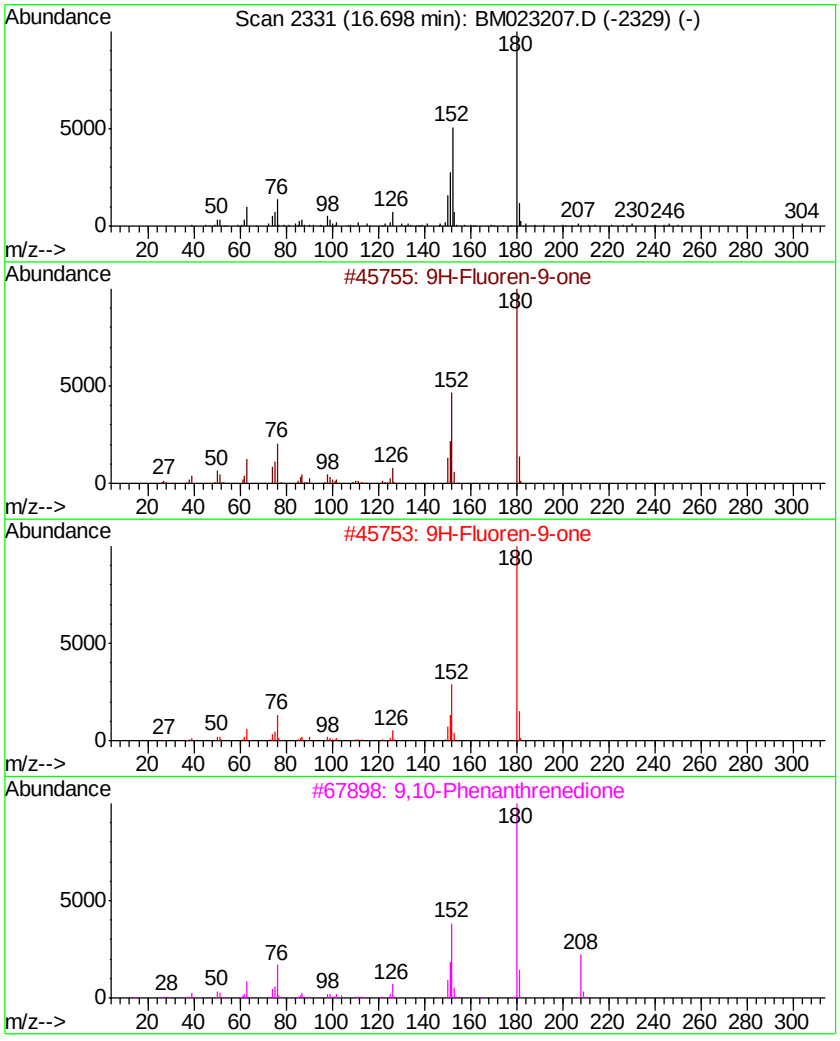
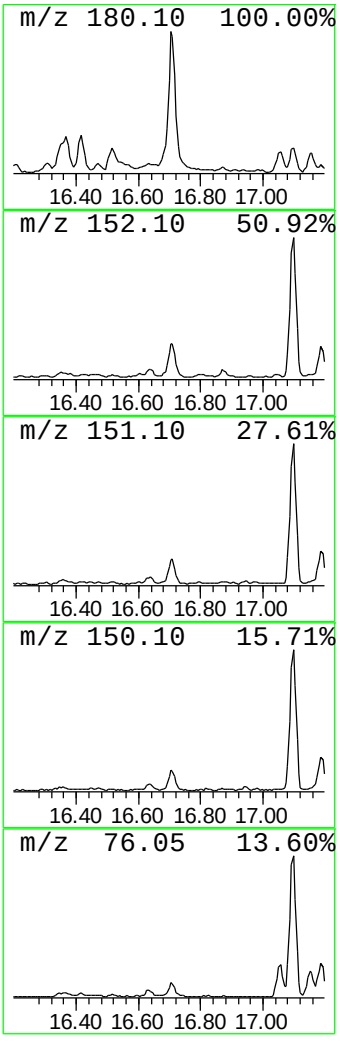
Peak Number 10 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.06 ng/ul	497674	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





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Quant Title : SVOA CALIBRATION

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

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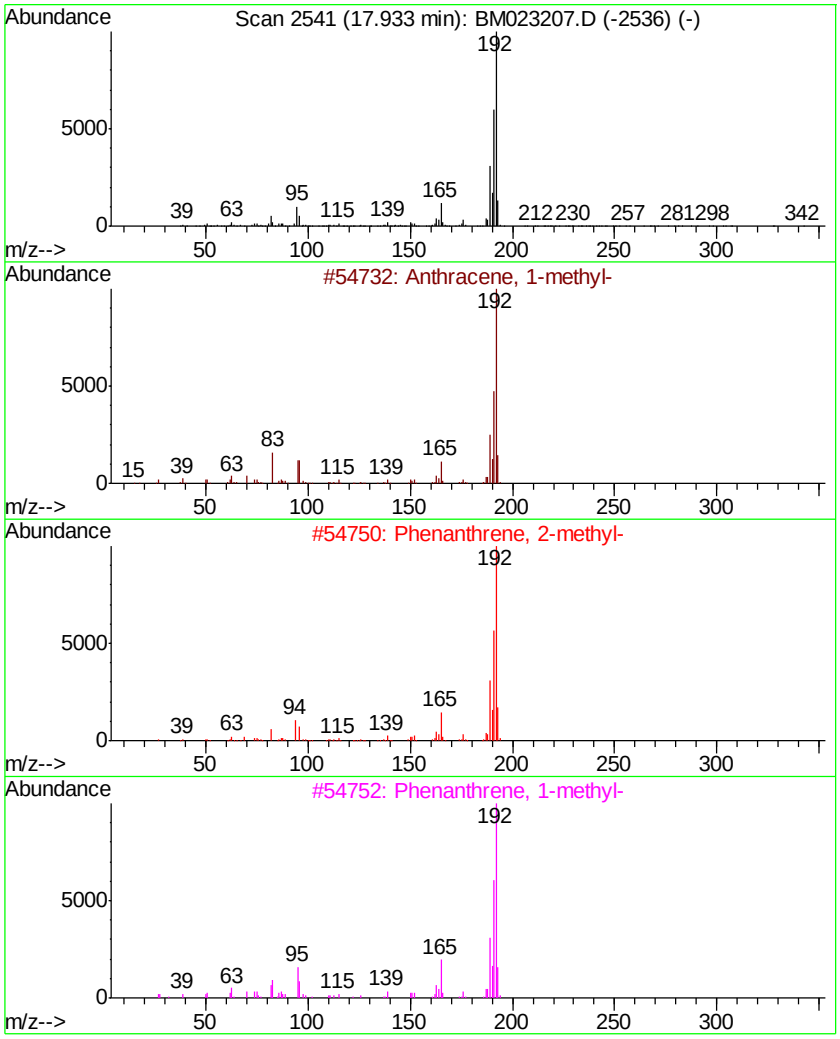
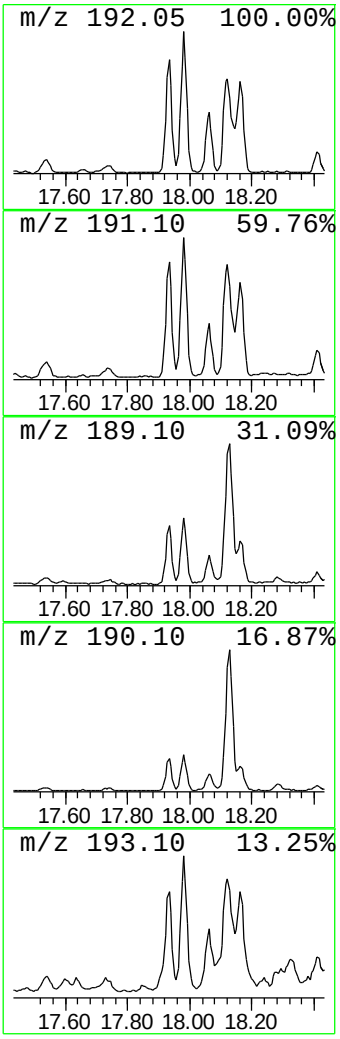
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.15 ng/ul	1002540	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Library Search Compound Report

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Operator : JU
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ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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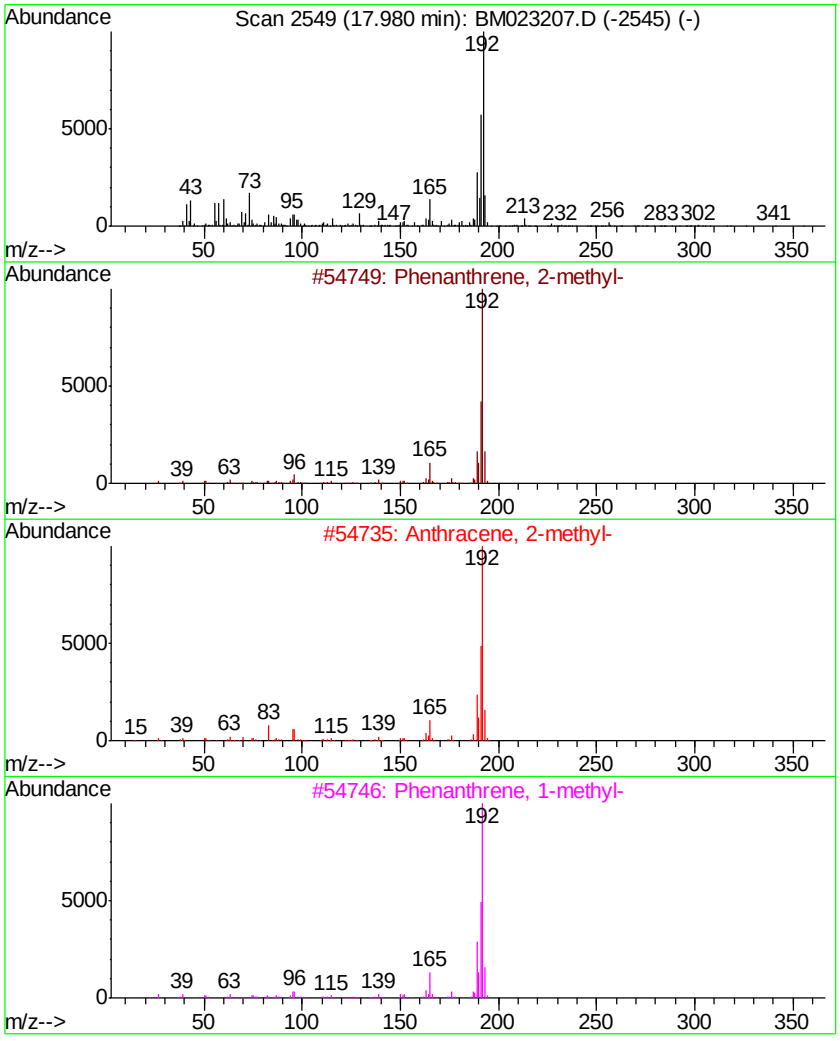
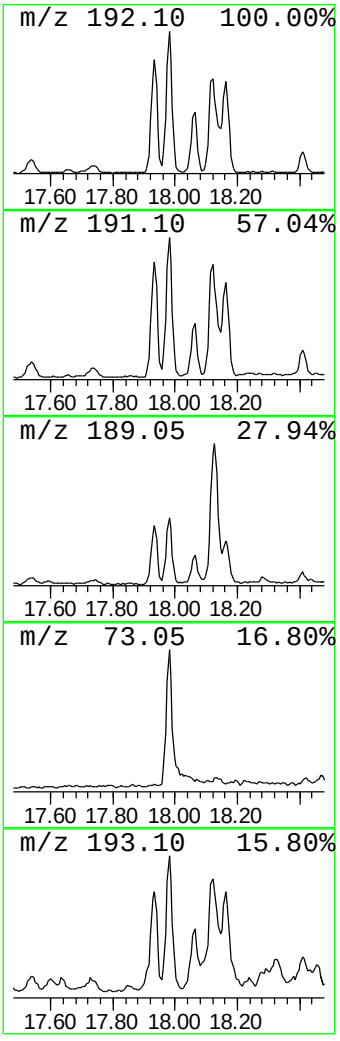
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	8.26 ng/ul	1998090	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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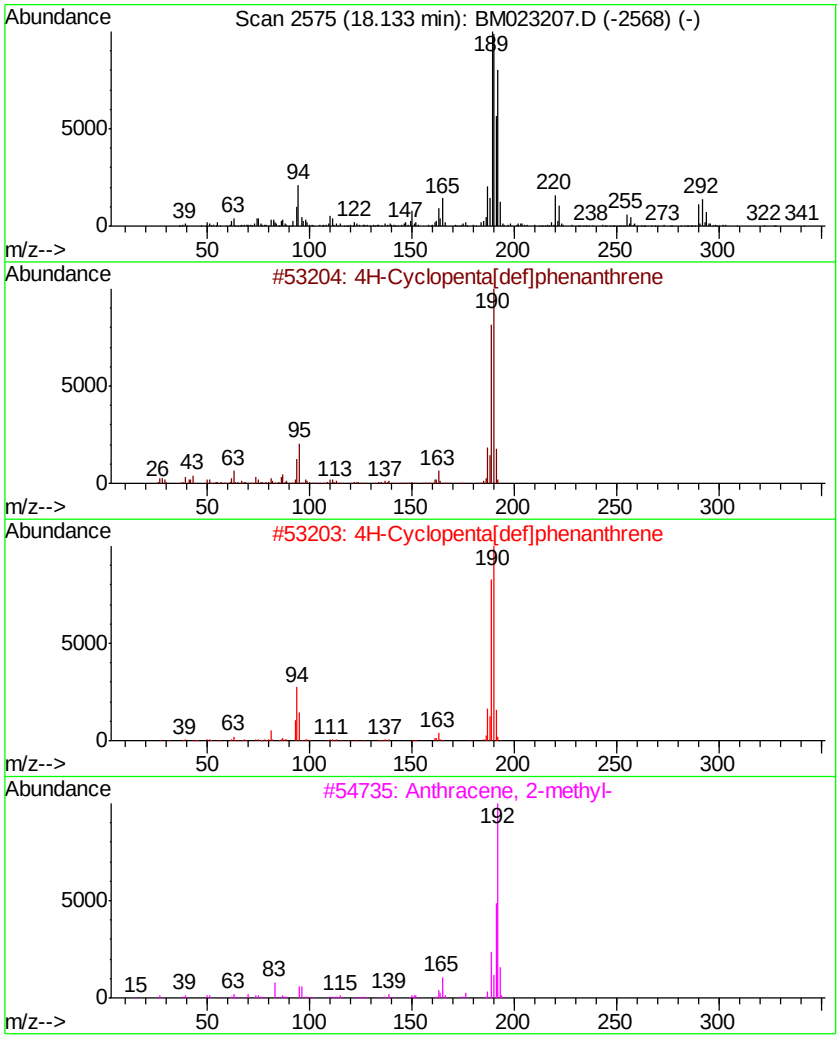
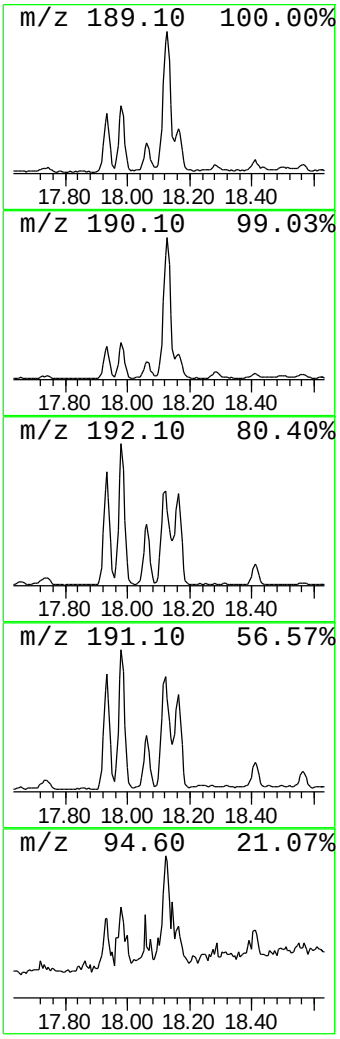
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	8.84 ng/ul	2138230	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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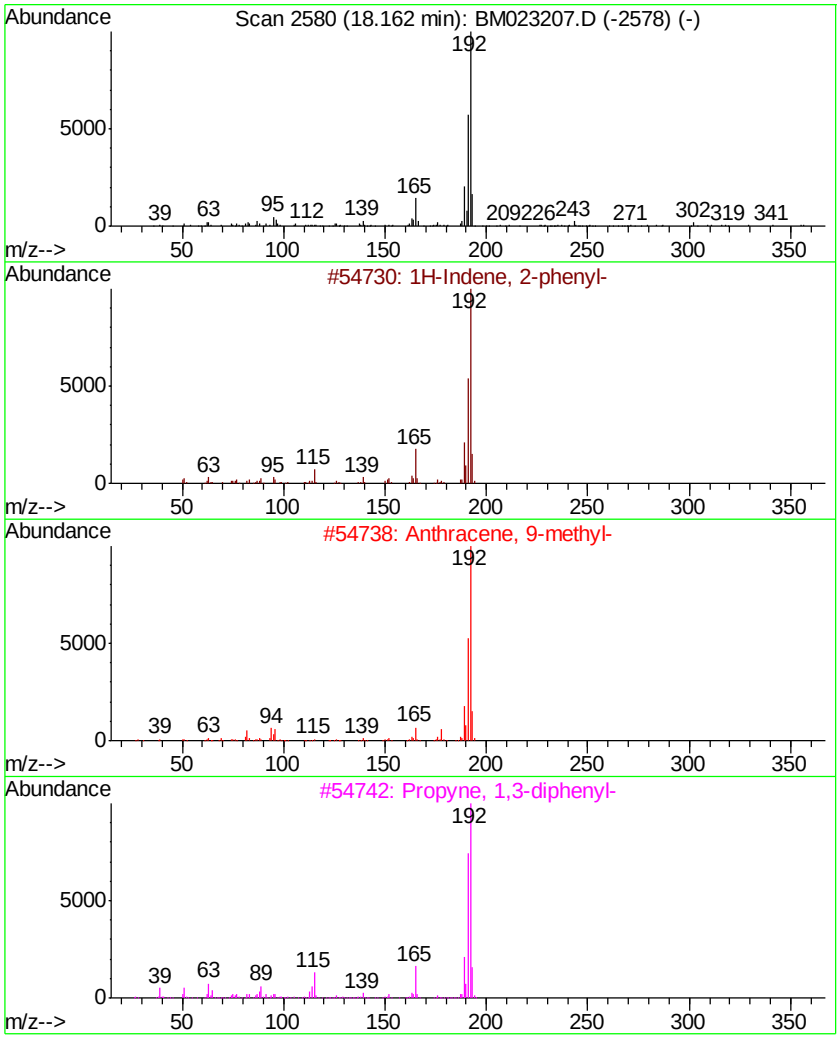
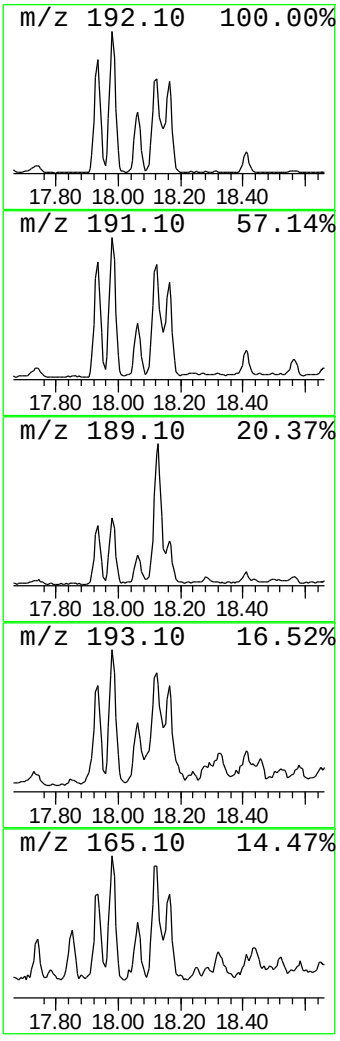
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.72 ng/ul	656512	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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Quant Title : SVOA CALIBRATION

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

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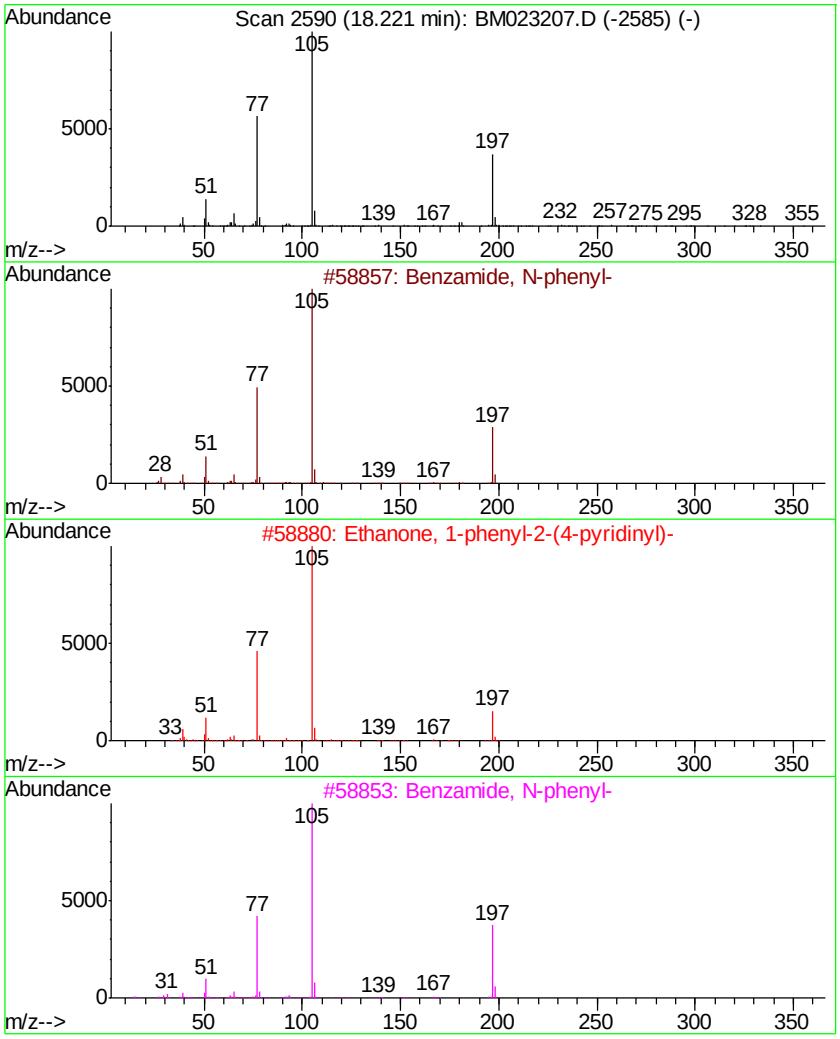
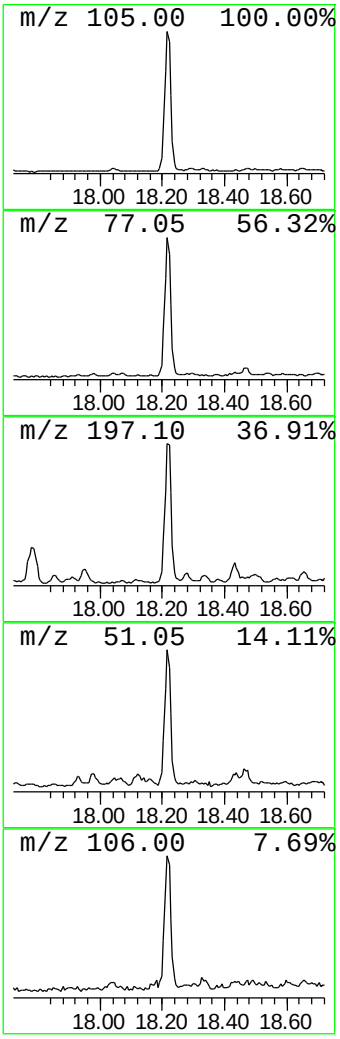
Peak Number 15 Benzamide, N-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.62 ng/ul	1116540	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-phenyl-	197	C13H11NO	000093-98-1	96
2	Ethanone, 1-phenyl-2-(4-pyridinyl)-	197	C13H11NO	001620-55-9	90
3	Benzamide, N-phenyl-	197	C13H11NO	000093-98-1	83
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	2-Bromoisobutyrophenone	226	C10H11BrO	010409-54-8	50





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Quant Title : SVOA CALIBRATION

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

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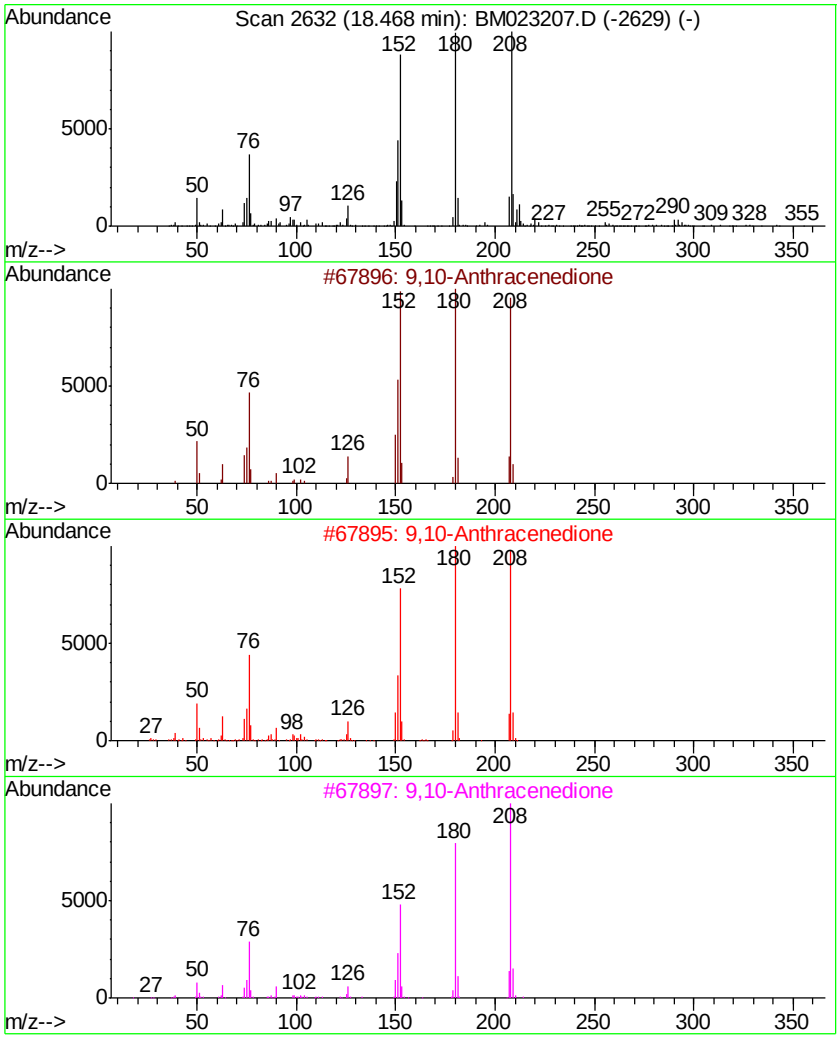
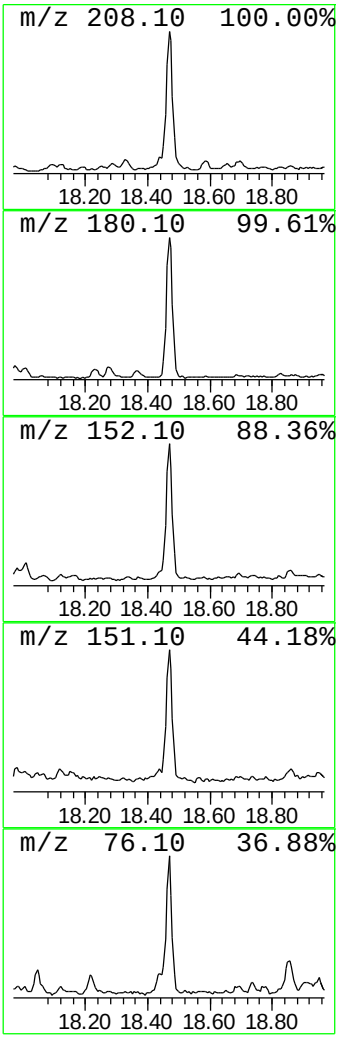
Peak Number 16 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.31 ng/ul	1041870	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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Quant Title : SVOA CALIBRATION

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

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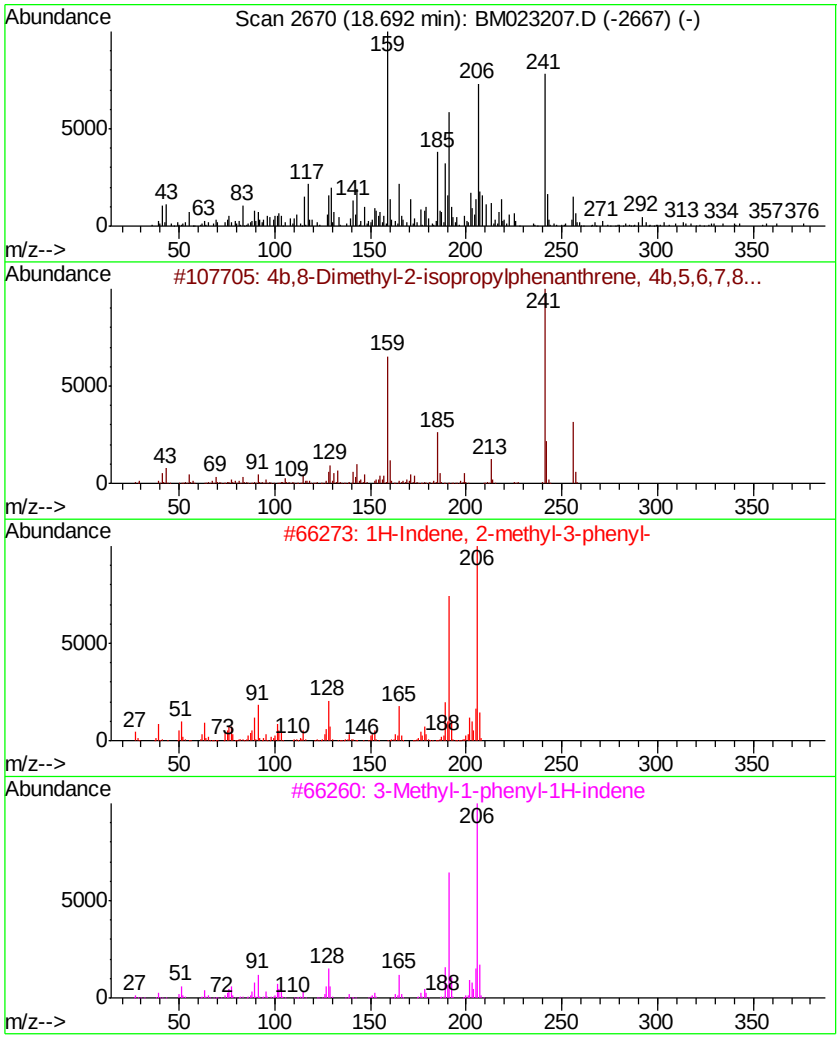
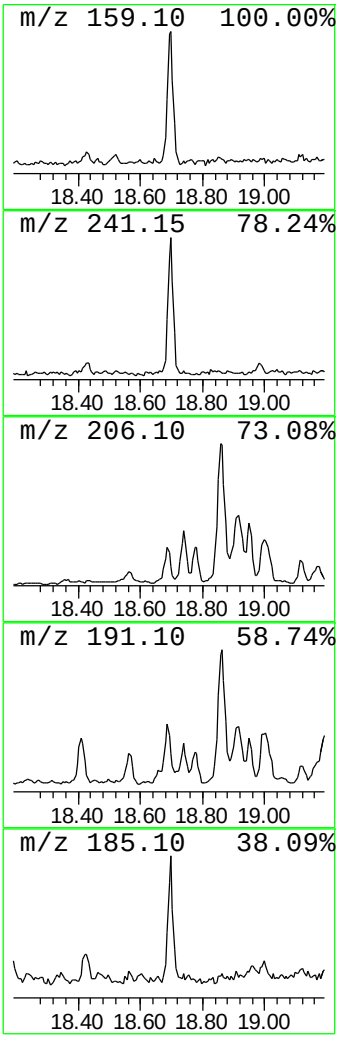
Peak Number 17 4b,8-Dimethyl-2-isopropylph... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.07 ng/ul	501037	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	70
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	47





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

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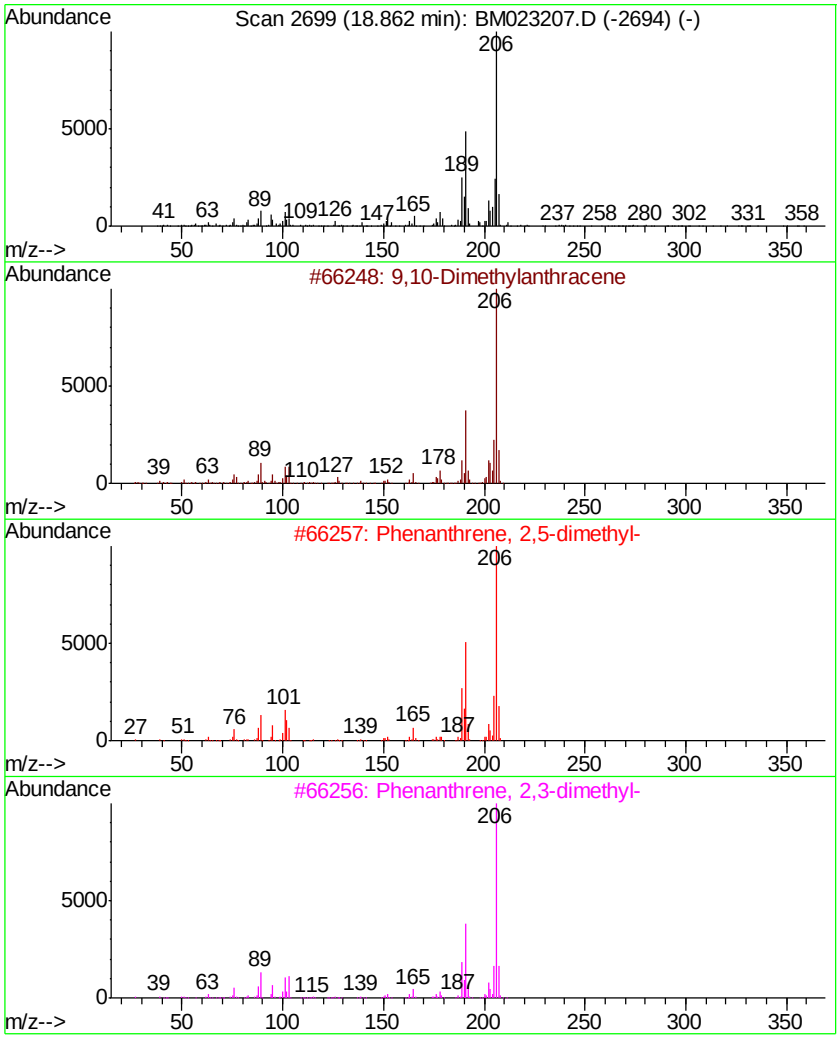
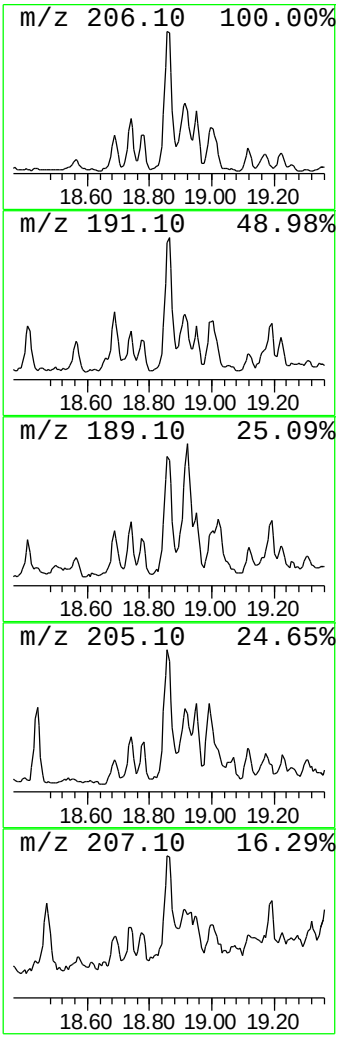
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	4.57 ng/ul	1105910	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68





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Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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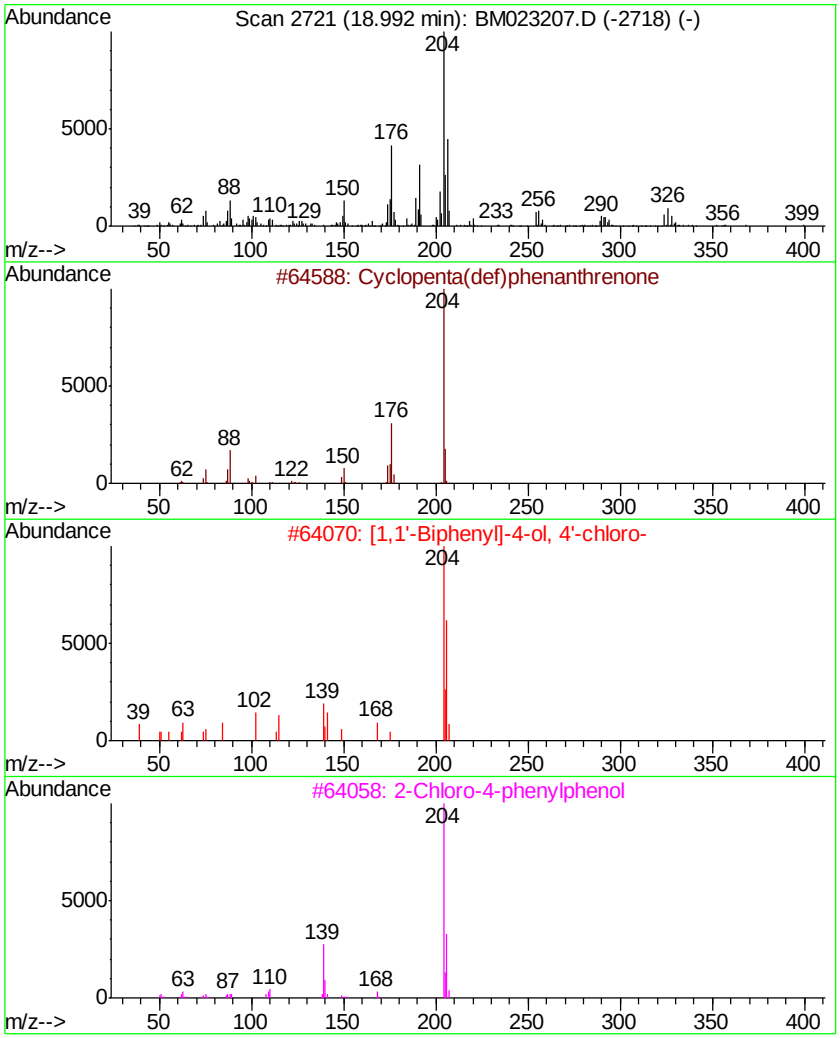
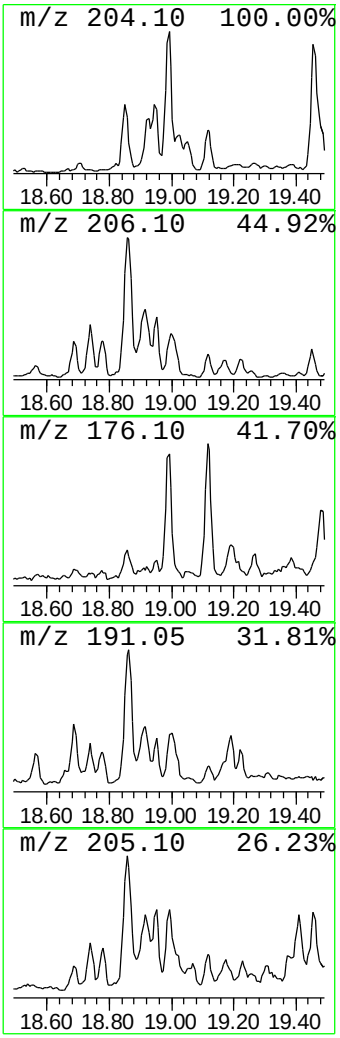
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.86 ng/ul	933930	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43





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Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

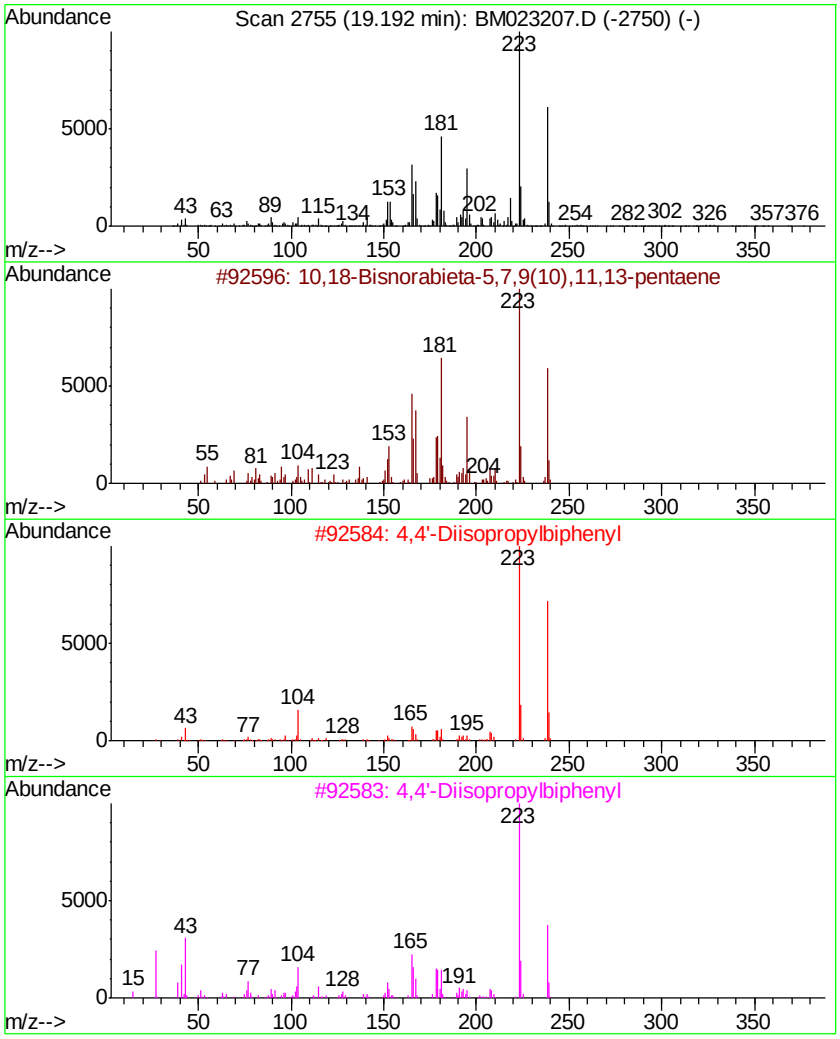
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

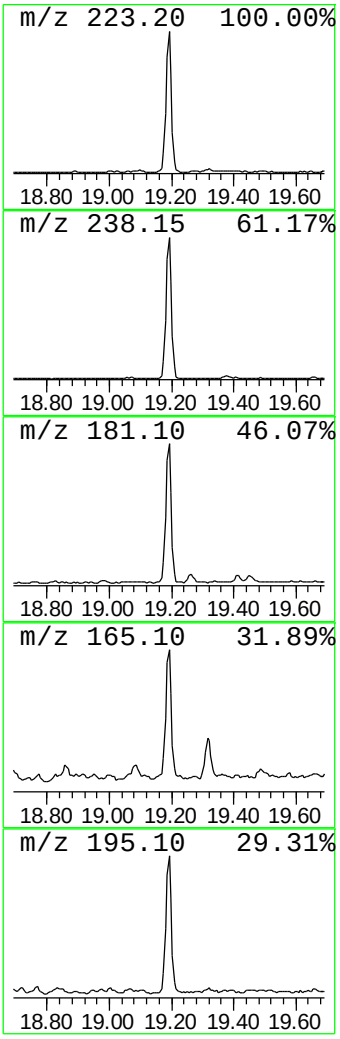
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	4.74 ng/ul	2678910	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	47





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Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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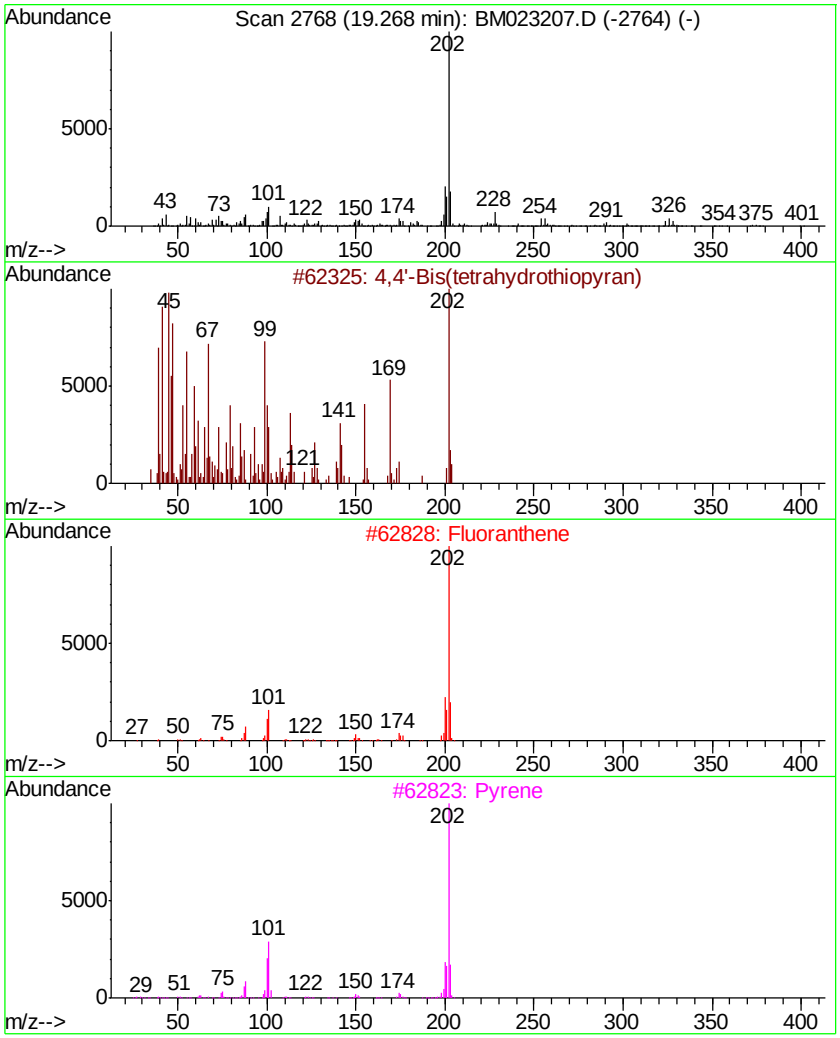
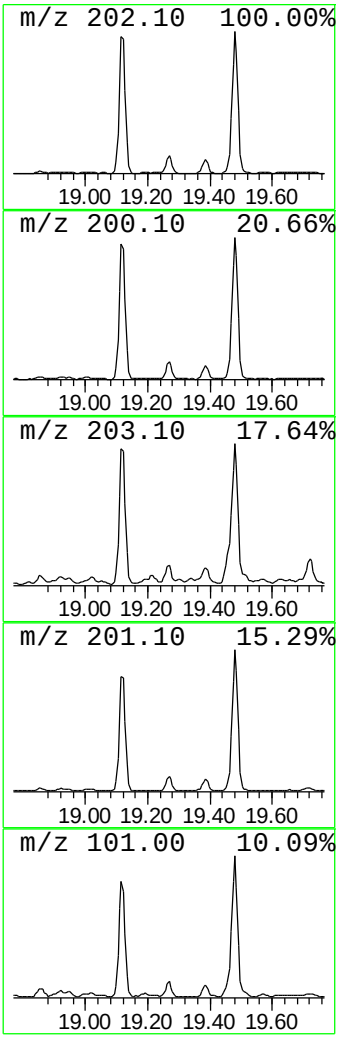
Peak Number 21 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.55 ng/ul	1439100	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	96
2	Fluoranthene	202	C16H10	000206-44-0	89
3	Pyrene	202	C16H10	000129-00-0	83
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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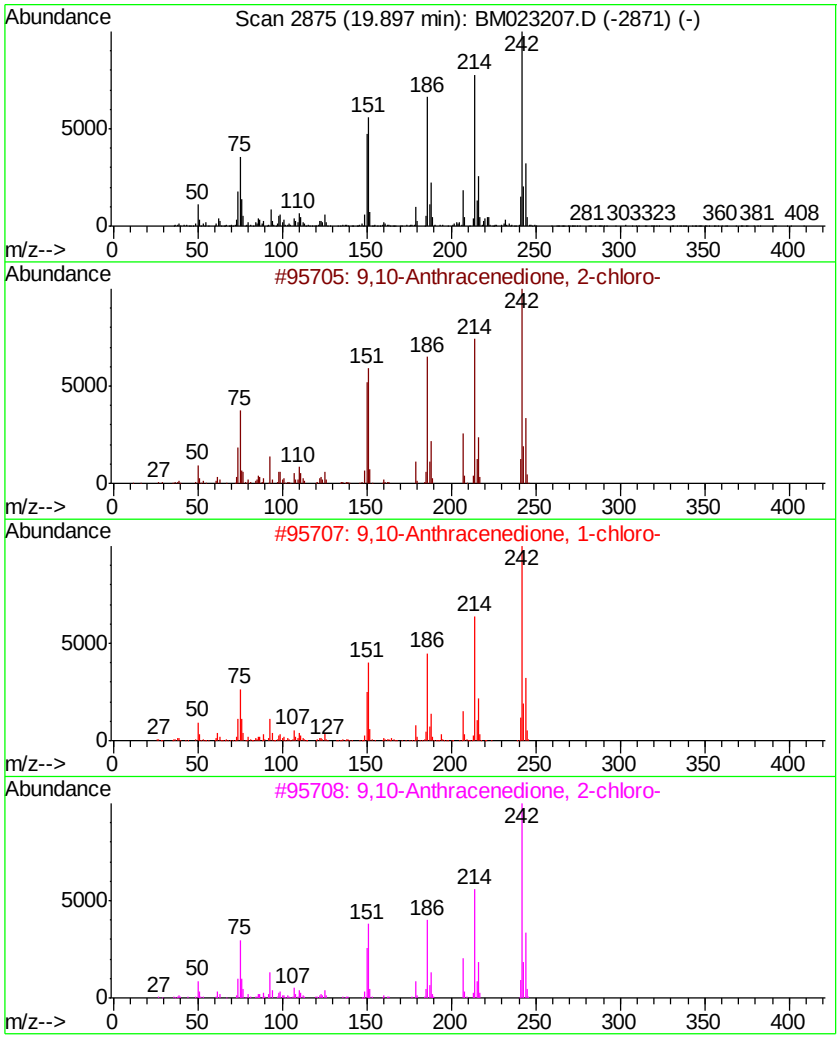
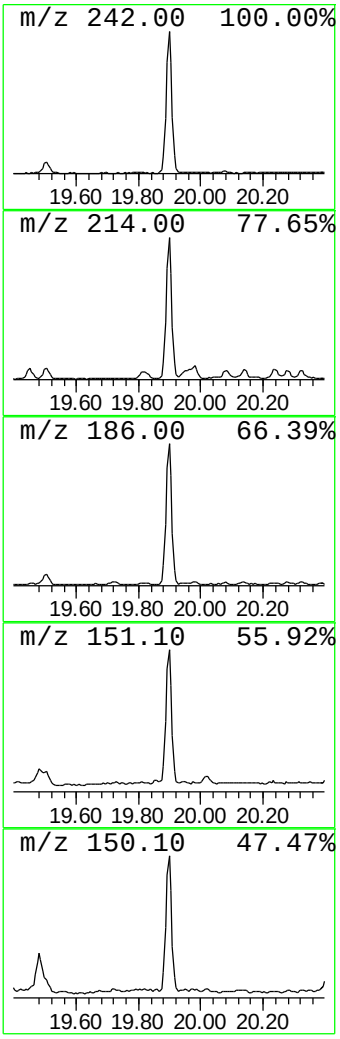
Peak Number 22 9,10-Anthracenedione, 2-chl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	5.48 ng/ul	3093160	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-chloro-	242	C14H7ClO2	000131-09-9	99
2	9,10-Anthracenedione, 1-chloro-	242	C14H7ClO2	000082-44-0	99
3	9,10-Anthracenedione, 2-chloro-	242	C14H7ClO2	000131-09-9	98
4	9,10-Anthracenedione, 2-chloro-	242	C14H7ClO2	000131-09-9	93
5	9,10-Anthracenedione, 1-chloro-	242	C14H7ClO2	000082-44-0	70





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Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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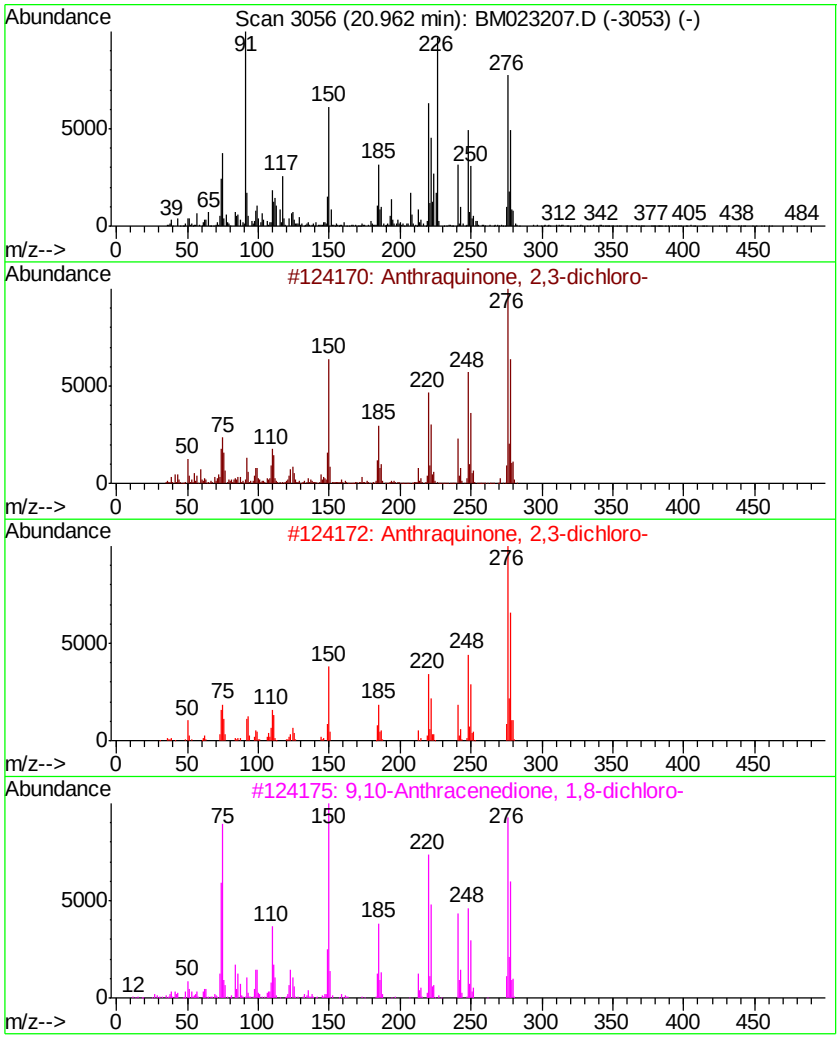
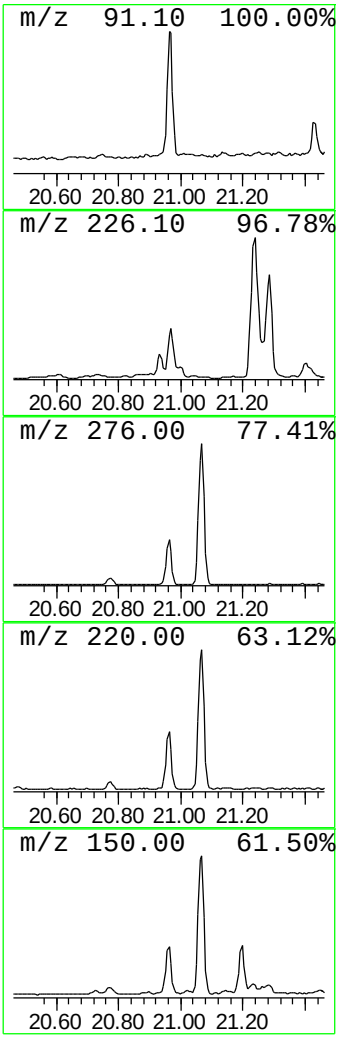
Peak Number 23 Anthraquinone, 2,3-dichloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.21 ng/ul	1815230	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	99
2	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	99
3	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	99
4	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	97
5	9,10-Anthracenedione, 1,5-dichloro-	276	C14H6Cl2O2	000082-46-2	97





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Acq On : 17 Oct 2019 01:09
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Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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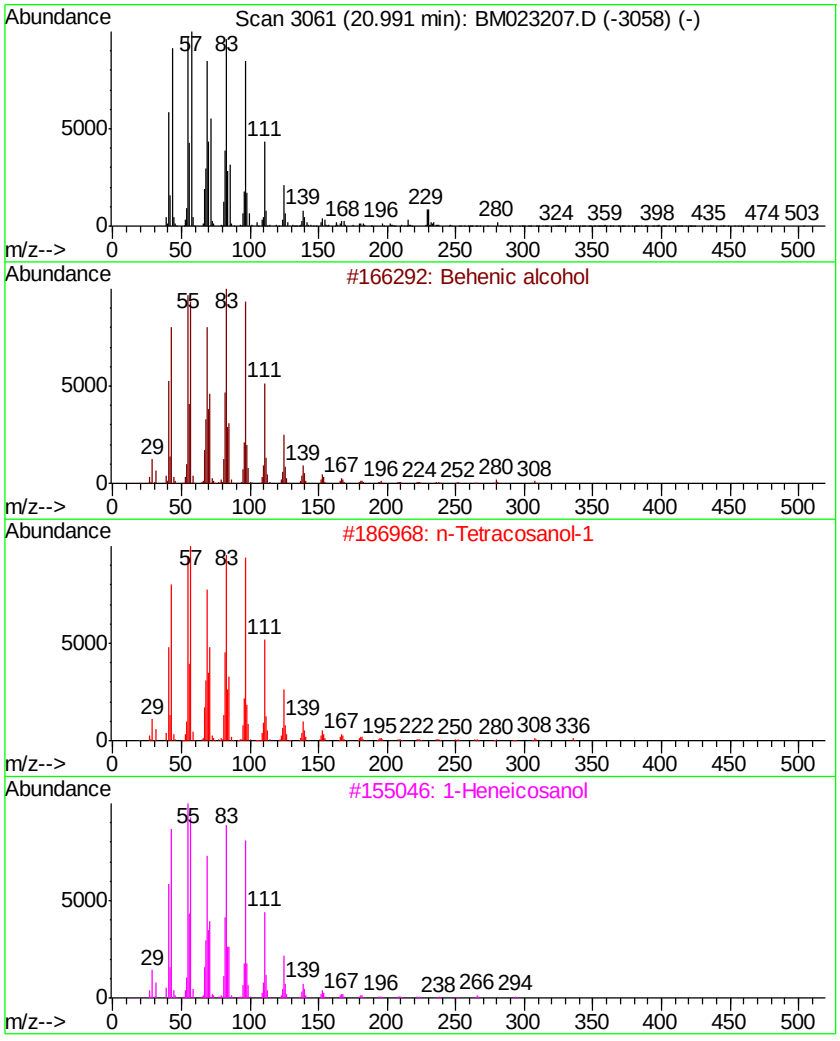
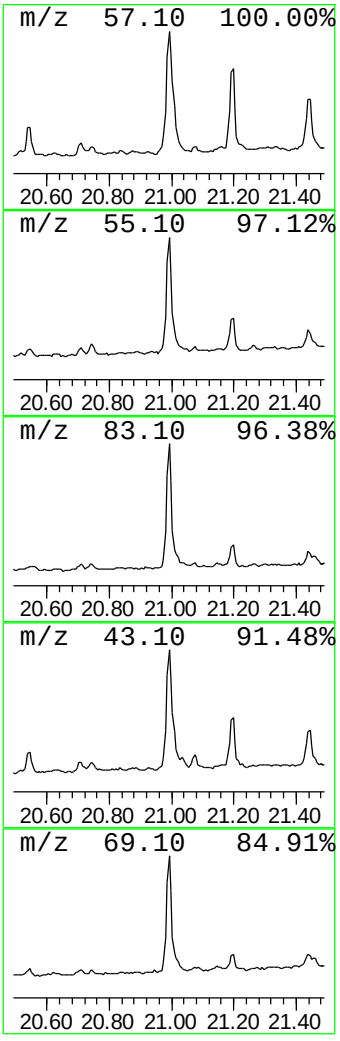
Peak Number 24 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	9.46 ng/ul	5342940	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93





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Misc :
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Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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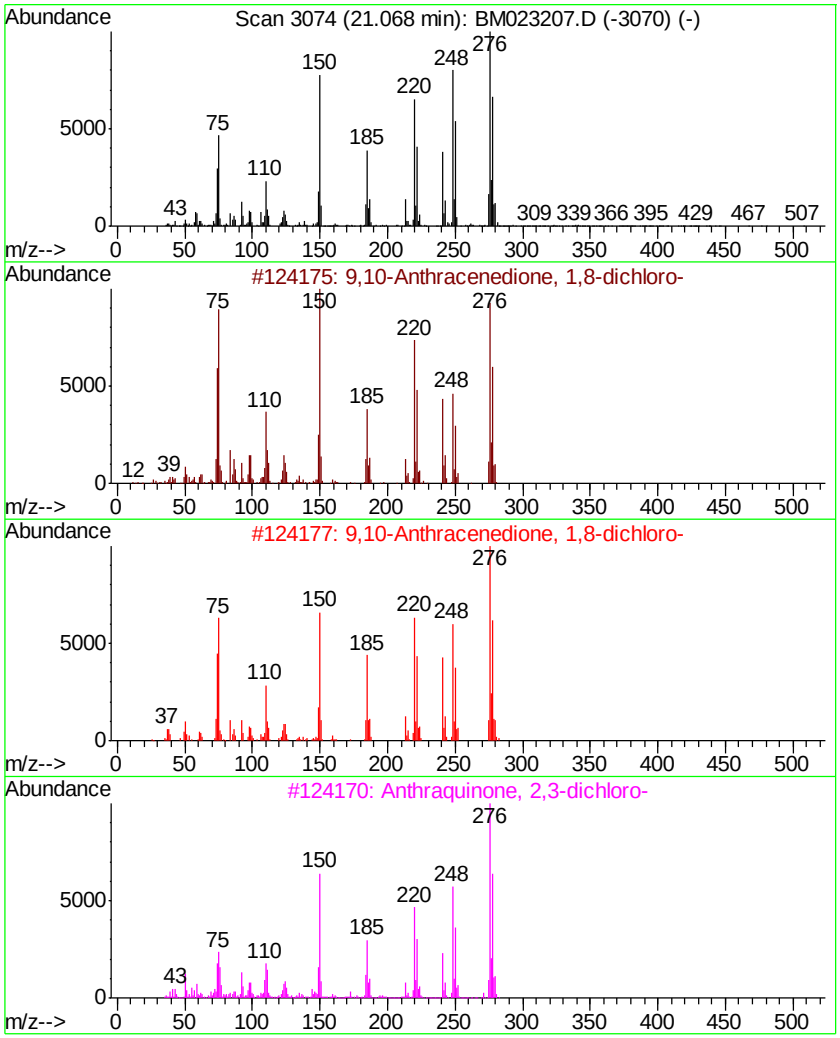
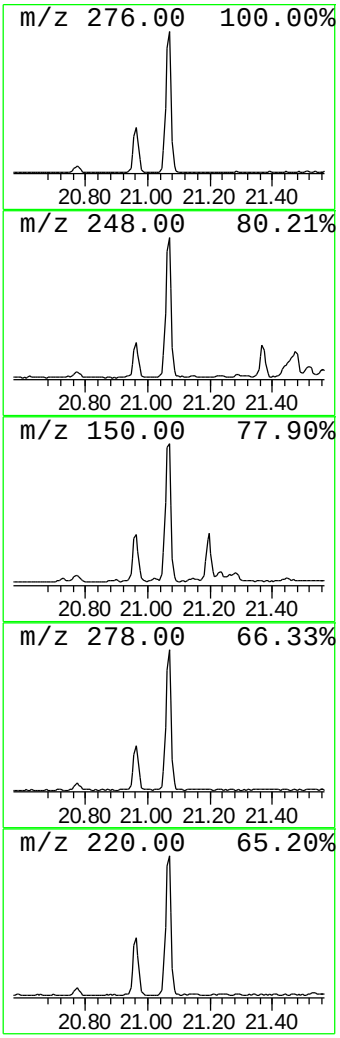
Peak Number 25 9,10-Anthracenedione, 1,8-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	8.88 ng/ul	5017810	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	99
2	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	99
3	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	98
4	9,10-Anthracenedione, 1,5-dichloro-	276	C14H6Cl2O2	000082-46-2	98
5	9,10-Anthracenedione, 1,5-dichloro-	276	C14H6Cl2O2	000082-46-2	96





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Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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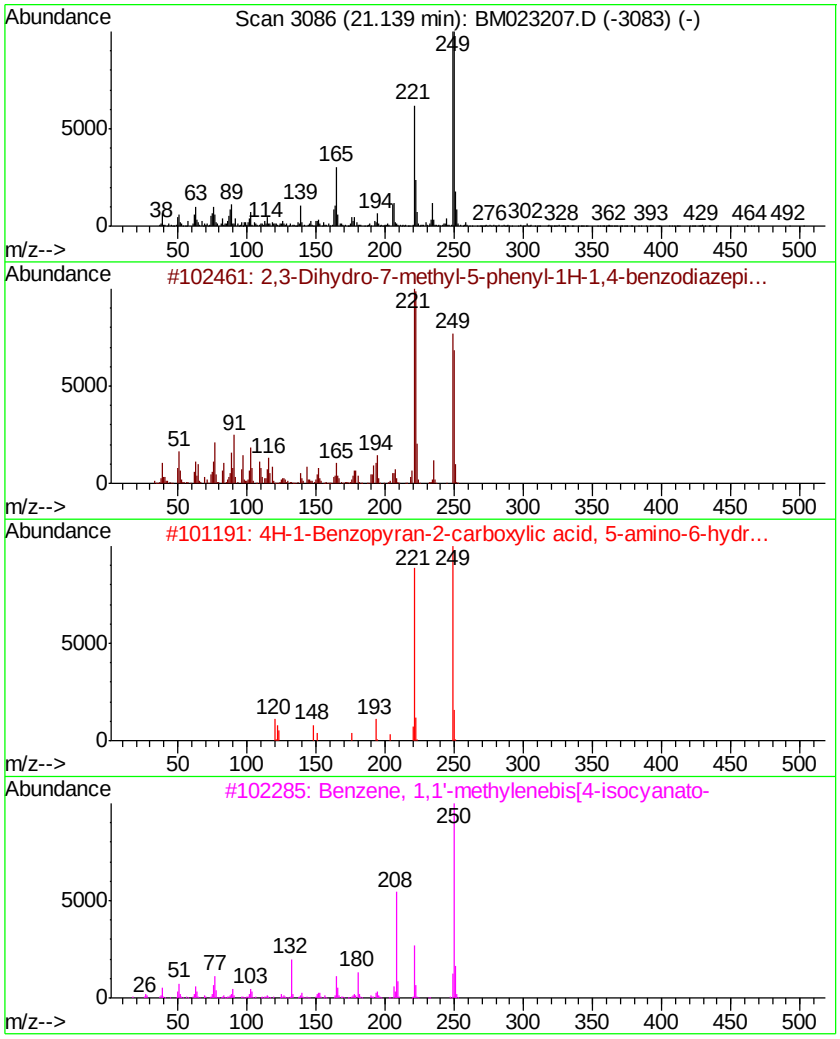
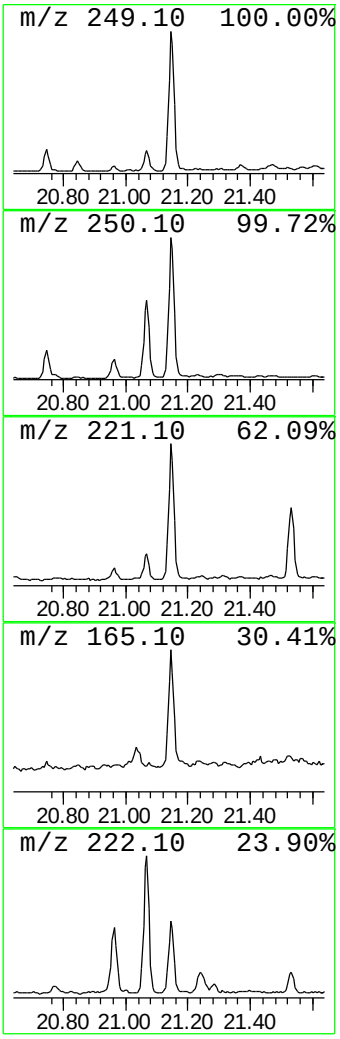
Peak Number 26 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	5.08 ng/ul	2871260	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-7-methyl-5-phenyl-1H...	250	C16H14N2O	005571-63-1	42
2	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	35
3	Benzene, 1,1'-methylenebis[4-iso...	250	C15H10N2O2	000101-68-8	32
4	N-Phenylpyrazolo[4,5-c]-pyrrolo[...	250	C14H10N4O	094692-14-5	27
5	2-Phenylinden-3-one-1-carboxylic...	250	C16H10O3	068306-10-5	27





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Instrument : BNA_M
ClientSampleId : BFB75

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Quant Title : SVOA CALIBRATION

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

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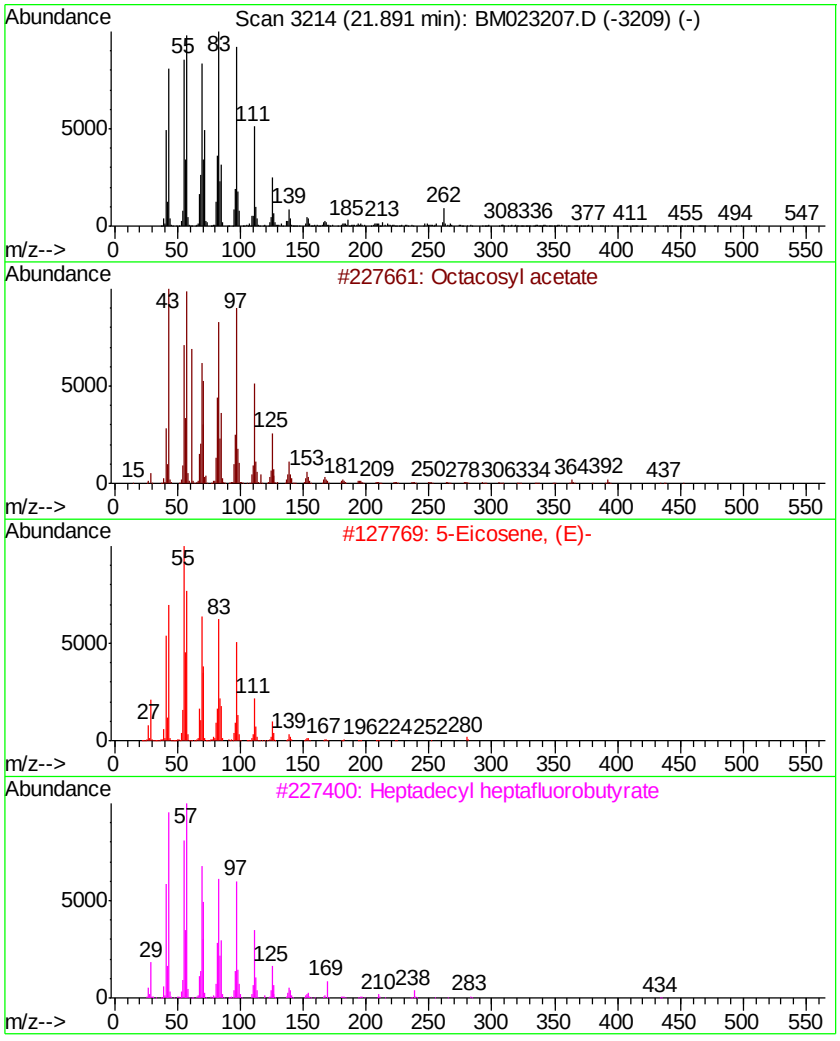
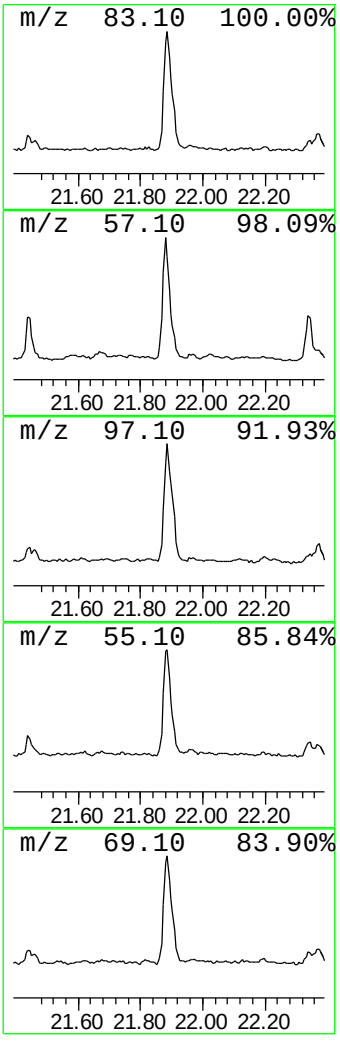
Peak Number 27 Octacosyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	8.49 ng/ul	4795230	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
unknown-01	3.68	4.5	ng/ul	651353	1	7.66	2871890	20.0
Benzene, 1,2,3-tr...	7.32	4.2	ng/ul	595921	1	7.66	2871890	20.0
Benzene, 1-ethyl-...	8.31	2.1	ng/ul	295668	1	7.66	2871890	20.0
(DEL) Alkane: Str...	8.92	13.5	ng/ul	1938210	1	7.66	2871890	20.0
Benzene, 1,2,4,5-...	9.86	2.6	ng/ul	506425	2	10.45	3914400	20.0
Spiro[cyclopropan...	13.36	4.5	ng/ul	1057880	3	14.31	4755370	20.0
2-Tridecanone	14.20	3.3	ng/ul	783083	3	14.31	4755370	20.0
9H-Fluoren-9-one	16.70	2.1	ng/ul	497674	4	17.06	4835110	20.0
Anthracene, 1-met...	17.93	4.2	ng/ul	1002540	4	17.06	4835110	20.0
Phenanthrene, 2-m...	17.98	8.3	ng/ul	1998090	4	17.06	4835110	20.0
4H-Cyclopenta[def...	18.13	8.8	ng/ul	2138230	4	17.06	4835110	20.0
Anthracene, 9-met...	18.16	2.7	ng/ul	656512	4	17.06	4835110	20.0
Benzamide, N-phenyl-	18.22	4.6	ng/ul	1116540	4	17.06	4835110	20.0
9,10-Anthracenedione	18.47	4.3	ng/ul	1041870	4	17.06	4835110	20.0
4b,8-Dimethyl-2-i...	18.69	2.1	ng/ul	501037	4	17.06	4835110	20.0
9,10-Dimethylanth...	18.86	4.6	ng/ul	1105910	4	17.06	4835110	20.0
Cyclopenta(def)ph...	18.99	3.9	ng/ul	933930	4	17.06	4835110	20.0
10,18-Bisnorabiet...	19.19	4.7	ng/ul	2678910	5	21.25	11298700	20.0
4,4'-Bis(tetrahyd...	19.27	2.5	ng/ul	1439100	5	21.25	11298700	20.0
9,10-Anthracenedi...	19.90	5.5	ng/ul	3093160	5	21.25	11298700	20.0
Anthraquinone, 2,...	20.96	3.2	ng/ul	1815230	5	21.25	11298700	20.0
Behenic alcohol	20.99	9.5	ng/ul	5342940	5	21.25	11298700	20.0
9,10-Anthracenedi...	21.07	8.9	ng/ul	5017810	5	21.25	11298700	20.0
unknown-02	21.14	5.1	ng/ul	2871260	5	21.25	11298700	20.0
Octacosyl acetate	21.89	8.5	ng/ul	4795230	5	21.25	11298700	20.0