LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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-BM060619MA.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	3.046	6	10	30	rVB	10268099	13879469	40.88%	3.631%
2	6.969	669	677	691	rVB	1157315	2005186	5.91%	0.525%
3	7.151	701	708	721	rVB	920182	1490834	4.39%	0.390%
4	7.340	733	740	749	rVV	1248625	1992209	5.87%	0.521%
5	7.810	807	820	827	rBV	1103905	1779226	5.24%	0.465%
6	8.510	932	939	945	rVV	1276290	2077614	6.12%	0.544%
7	8.969	1011	1017	1024	rBV	1138163	1898048	5.59%	0.497%
8	9.687	1132	1139	1150	rBV	952937	1567027	4.62%	0.410%
9	10.216	1222	1229	1239	rVB	1496341	2502685	7.37%	0.655%
10	10.604	1284	1295	1300	rBV	1480832	2492917	7.34%	0.652%
11	10.745	1310	1319	1334	rBV	838224	1646993	4.85%	0.431%
12	13.857	1844	1848	1853	rVV	2504652	3531171	10.40%	0.924%
13	13.904	1853	1856	1864	rVB	914717	1281602	3.77%	0.335%
14	14.139	1890	1896	1911	rVB2	2934240	5134274	15.12%	1.343%
15	14.445	1938	1948	1955	rBV2	2022018	3304156	9.73%	0.864%
16	14.510	1955	1959	1967	rVB	636659	982350	2.89%	0.257%
17	14.639	1975	1981	1992	rBV	989348	1555481	4.58%	0.407%
18	14.845	2011	2016	2024	rVV	472805	735517	2.17%	0.192%
19	15.239	2074	2083	2091	rBV2	247699	557268	1.64%	0.146%
20	15.445	2111	2118	2122	rVV	3589093	5317204	15.66%	1.391%
21	15.498	2122	2127	2133	rVV2	660940	1136168	3.35%	0.297%
22	15.563	2133	2138	2145	rVV2	678444	1176602	3.47%	0.308%
23	15.792	2172	2177	2185	rVB	345651	612852	1.80%	0.160%
24	15.939	2197	2202	2209	rVB	337813	653063	1.92%	0.171%
25	16.727	2328	2336	2339	rBV3	290873	613173	1.81%	0.160%
26	16.851	2352	2357	2363	rVB	593529	903217	2.66%	0.236%
27	17.015	2380	2385	2392	rVB	497871	815086	2.40%	0.213%
28	17.198	2411	2416	2419	rVV2	2385073	3707453	10.92%	0.970%
29	17.239	2419	2423	2428	rVV	10205687	13753677	40.51%	3.598%
30	17.292	2428	2432	2436	rVV	4046070	5880152	17.32%	1.538%
31	17.327	2436	2438	2443	rVV	1840104	2084120	6.14%	0.545%
32	17.598	2473	2484	2488	rBV2	901806	1770584	5.21%	0.463%
33	17.968	2543	2547	2554	rVV2	326867	658193	1.94%	0.172%
34	18.068	2559	2564	2565	rVV	2022738	2503323	7.37%	0.655%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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-BM060619MA.M
Title : SVOA CALIBRATION

35	18.092	2565	2568	2570	rVV	2640233	3893367	11.47%	1.019%
36	18.115	2570	2572	2578	rVV	2819265	3408758	10.04%	0.892%
37	18.198	2581	2586	2591	rVV	884051	1324693	3.90%	0.347%
38	18.262	2591	2597	2601	rVV2	2425943	4659895	13.72%	1.219%
39	18.298	2601	2603	2609	rVB	1406721	1716252	5.05%	0.449%
40	18.380	2612	2617	2620	rVV3	408894	613026	1.81%	0.160%
41	18.568	2645	2649	2653	rVV	1321046	1900943	5.60%	0.497%
42	18.615	2653	2657	2664	rVV	1299389	1929199	5.68%	0.505%
43	18.815	2687	2691	2695	rVV	660058	946719	2.79%	0.248%
44	18.862	2695	2699	2702	rVV	521653	684967	2.02%	0.179%
45	18.904	2702	2706	2710	rVB2	520951	648094	1.91%	0.170%
46	18.986	2715	2720	2726	rBV	1383728	2637078	7.77%	0.690%
47	19.051	2726	2731	2734	rVV3	630309	1231151	3.63%	0.322%
48	19.127	2739	2744	2753	rVB3	1168383	2091937	6.16%	0.547%
49	19.257	2757	2766	2772	rBV	17672172	24889423	73.30%	6.512%
50	19.362	2779	2784	2788	rBV3	1043586	1653735	4.87%	0.433%
51	19.451	2794	2799	2802	rBV3	463011	728644	2.15%	0.191%
52	19.498	2803	2807	2810	rVB	497312	628125	1.85%	0.164%
53	19.586	2816	2822	2824	rBV3	7099560	10324616	30.41%	2.701%
54	19.621	2824	2828	2834	rVV	15337469	21656555	63.78%	5.666%
55	19.686	2834	2839	2845	rVB2	1158203	1923416	5.66%	0.503%
56	19.792	2853	2857	2862	rVB	941220	1312812	3.87%	0.343%
57	19.851	2863	2867	2872	rVB3	566391	941405	2.77%	0.246%
58	19.933	2876	2881	2889	rBV4	1449211	3673599	10.82%	0.961%
59	20.068	2899	2904	2906	rBV4	1136319	1867880	5.50%	0.489%
60	20.104	2907	2910	2916	rVB	2286180	3457062	10.18%	0.904%
61	20.209	2924	2928	2931	rBV	1140502	1392590	4.10%	0.364%
62	20.262	2931	2937	2941	rBV2	1899463	3266104	9.62%	0.855%
63	20.304	2941	2944	2948	rVB	600498	626309	1.84%	0.164%
64	20.345	2948	2951	2956	rBV2	451797	577598	1.70%	0.151%
65	20.404	2957	2961	2965	rBV	1302564	1733445	5.11%	0.454%
66	20.451	2965	2969	2973	rVV	1245228	1652846	4.87%	0.432%
67	20.851	3033	3037	3044	rVB	2233034	3067976	9.04%	0.803%
68	21.021	3059	3066	3069	rBV2	1686367	3313572	9.76%	0.867%
69	21.056	3069	3072	3074	rVV	1999043	2711556	7.99%	0.709%
70	21.080	3074	3076	3084	rVV3	2556793	5552815	16.35%	1.453%
71	21.151	3084	3088	3099	rVB	2277467	3669578	10.81%	0.960%

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC5

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

72	21.280	3108	3110	3114	rVB2	734913	884217	2.60%	0.231%
73	21.362	3115	3124	3129	rVV3	11805379	21507469	63.34%	5.627%
74	21.409	3129	3132	3142	rVB	9654395	13082202	38.53%	3.423%
75	21.527	3148	3152	3158	rBV3	1329873	2298527	6.77%	0.601%
76	21.592	3159	3163	3166	rBV5	792326	1229818	3.62%	0.322%
77	21.692	3174	3180	3185	rBV2	1181225	2563224	7.55%	0.671%
78	21.927	3214	3220	3223	rVV	2052761	3122422	9.20%	0.817%
79	21.980	3223	3229	3235	rVB3	2042027	3828201	11.27%	1.002%
80	22.127	3251	3254	3257	rBV	815717	1007219	2.97%	0.264%
81	22.227	3267	3271	3280	rVB5	897300	1768696	5.21%	0.463%
82	22.668	3342	3346	3350	rBV2	1838608	2903267	8.55%	0.760%
83	22.997	3390	3402	3410	rBV2	9477128	33953748	100.00%	8.883%
84	23.145	3422	3427	3437	rVB	1360419	2364864	6.96%	0.619%
85	23.280	3446	3450	3458	rBV3	482495	1325710	3.90%	0.347%
86	23.462	3475	3481	3486	rBV	3829069	7491271	22.06%	1.960%
87	23.515	3486	3490	3493	rVV2	3207818	5906535	17.40%	1.545%
88	23.562	3493	3498	3506	rVB	6274518	11835074	34.86%	3.096%
89	23.656	3509	3514	3519	rVV	2077636	4290811	12.64%	1.123%
90	23.709	3519	3523	3531	rVB2	1729856	3627213	10.68%	0.949%
91	23.856	3544	3548	3554	rVB3	850468	1328424	3.91%	0.348%
92	24.203	3601	3607	3614	rVB2	1968776	4111420	12.11%	1.076%
93	24.286	3616	3621	3636	rVB3	1368134	3474657	10.23%	0.909%
94	24.962	3731	3736	3745	rVB5	1199020	2608583	7.68%	0.682%
95	25.427	3811	3815	3823	rVB6	1008798	2313357	6.81%	0.605%
96	25.880	3886	3892	3899	rBV2	614752	1912921	5.63%	0.500%
97	25.980	3901	3909	3913	rBV2	2647474	7179275	21.14%	1.878%
98	26.691	4022	4030	4037	rBV	1612877	4617753	13.60%	1.208%
99	26.785	4038	4046	4057	rVB2	2183812	6335367	18.66%	1.658%
100	28.409	4314	4322	4336	rBV5	854727	3044071	8.97%	0.796%

Sum of corrected areas: 382222950

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Instrument :
BNA_M
ClientSampleId :
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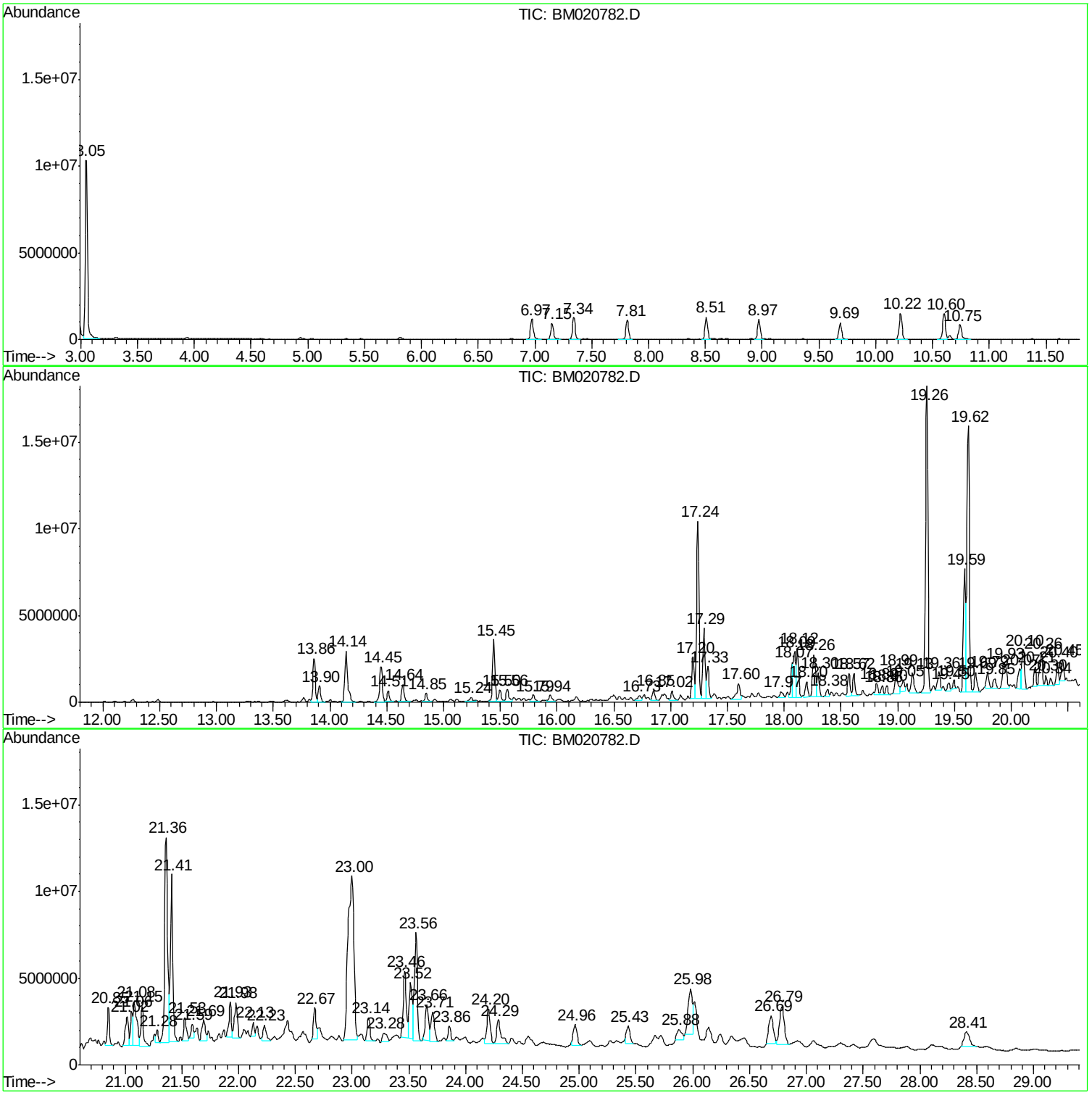
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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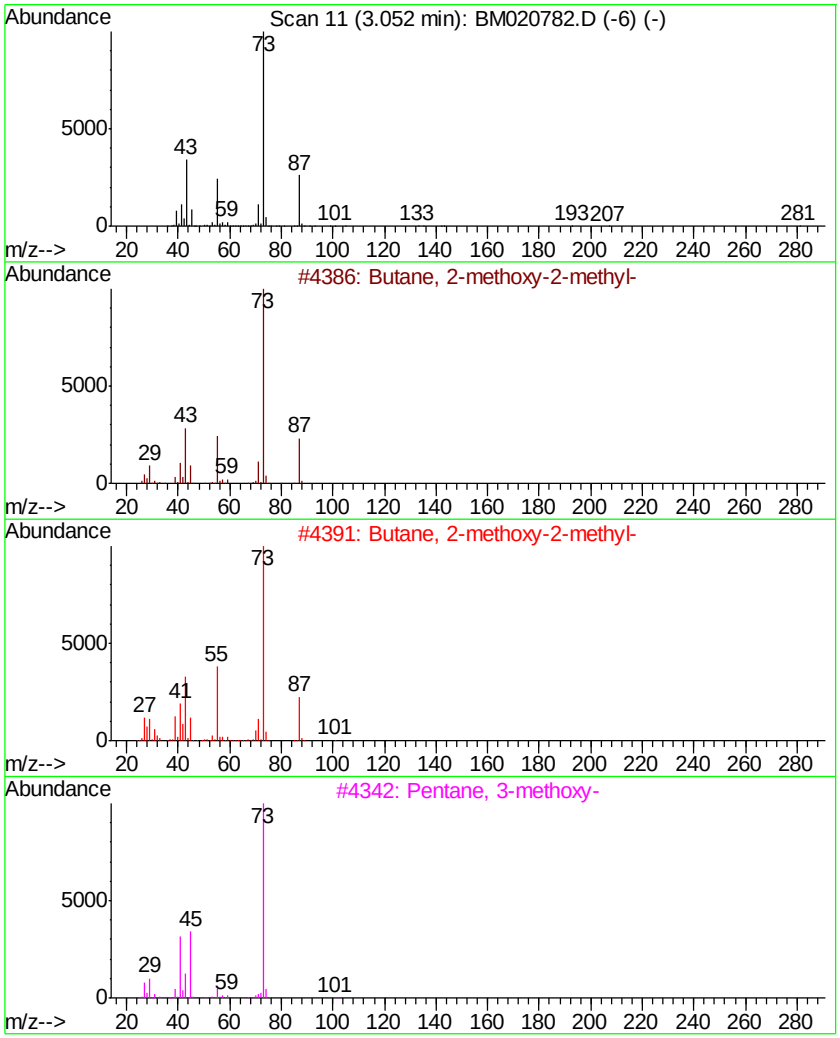
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

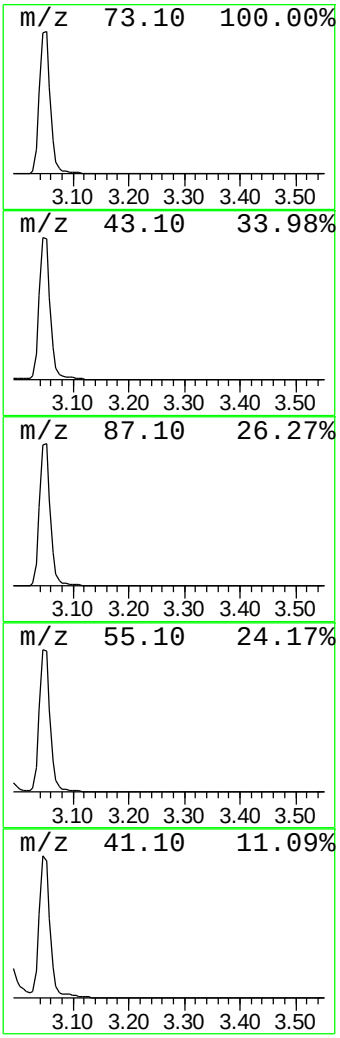
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	156.02 ng/ul	13879500	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

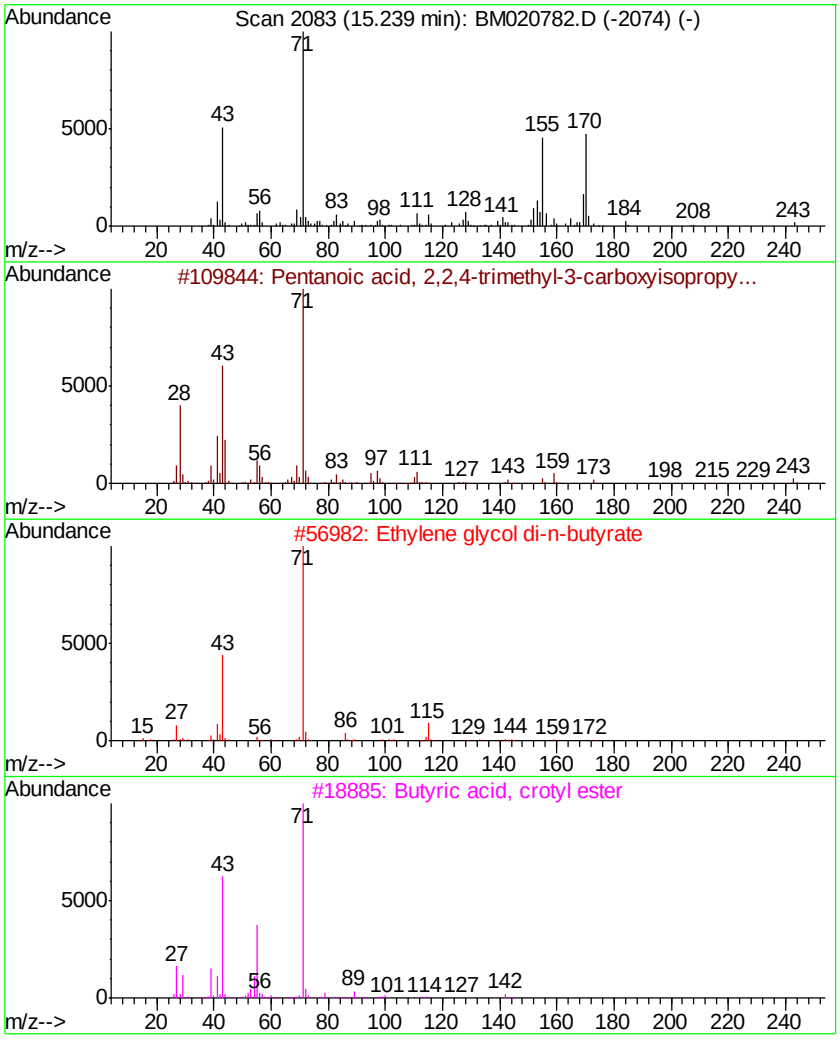
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

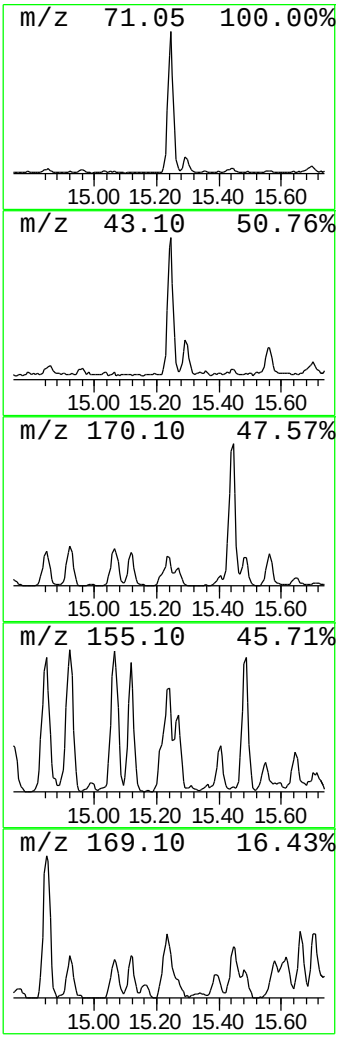
****

Peak Number 2 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	3.37 ng/ul	557268	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	27
2	Ethylene glycol di-n-butyrate	202	C10H18O4	000105-72-6	22
3	Butyric acid, crotyl ester	142	C8H14O2	020279-26-9	22
4	2,2,3-Triethyloxirane	128	C8H16O	053229-40-6	22
5	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	22





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

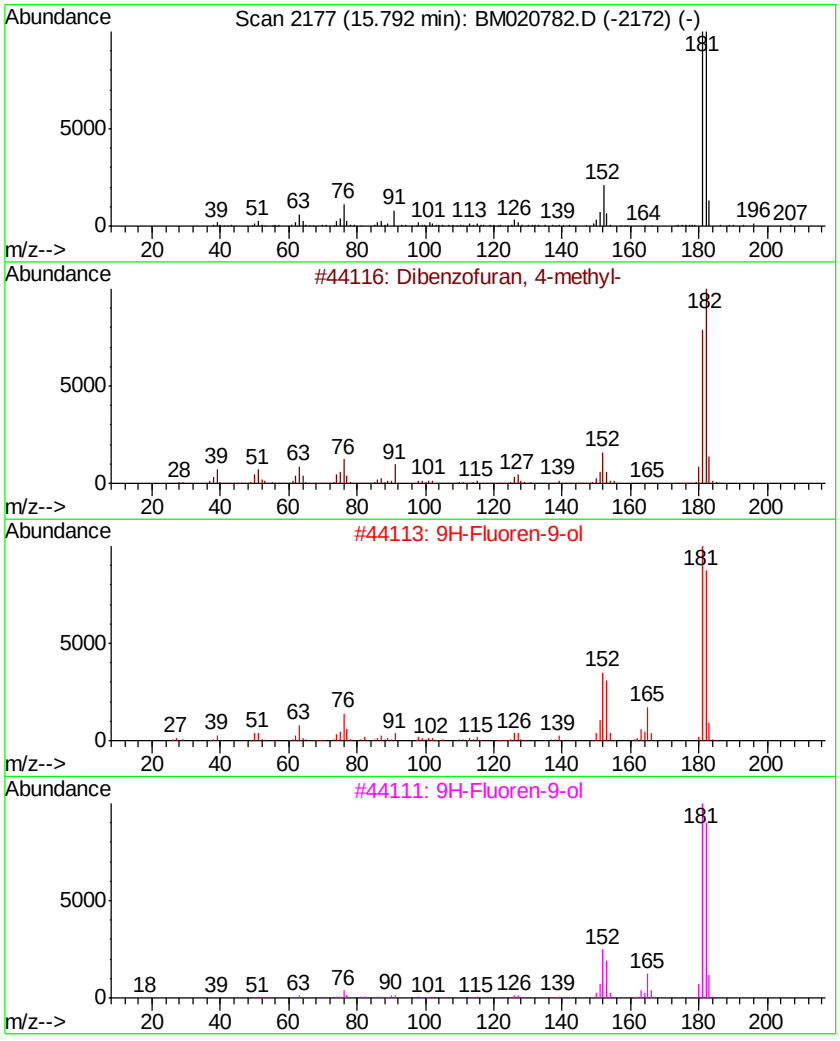
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

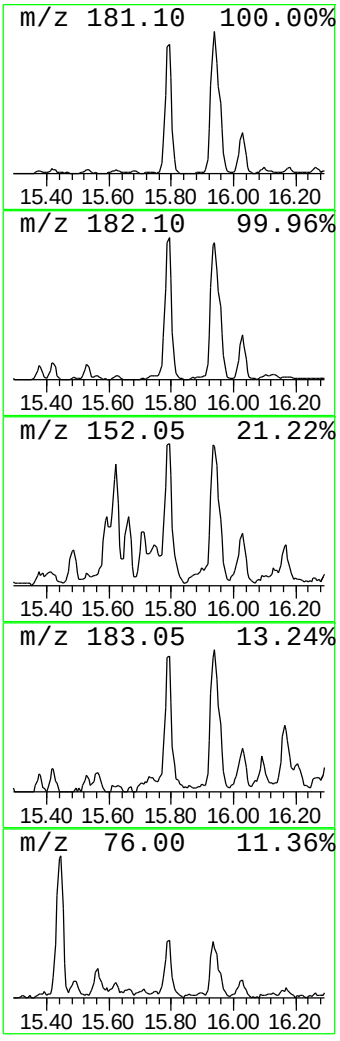
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.71 ng/ul	612852	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

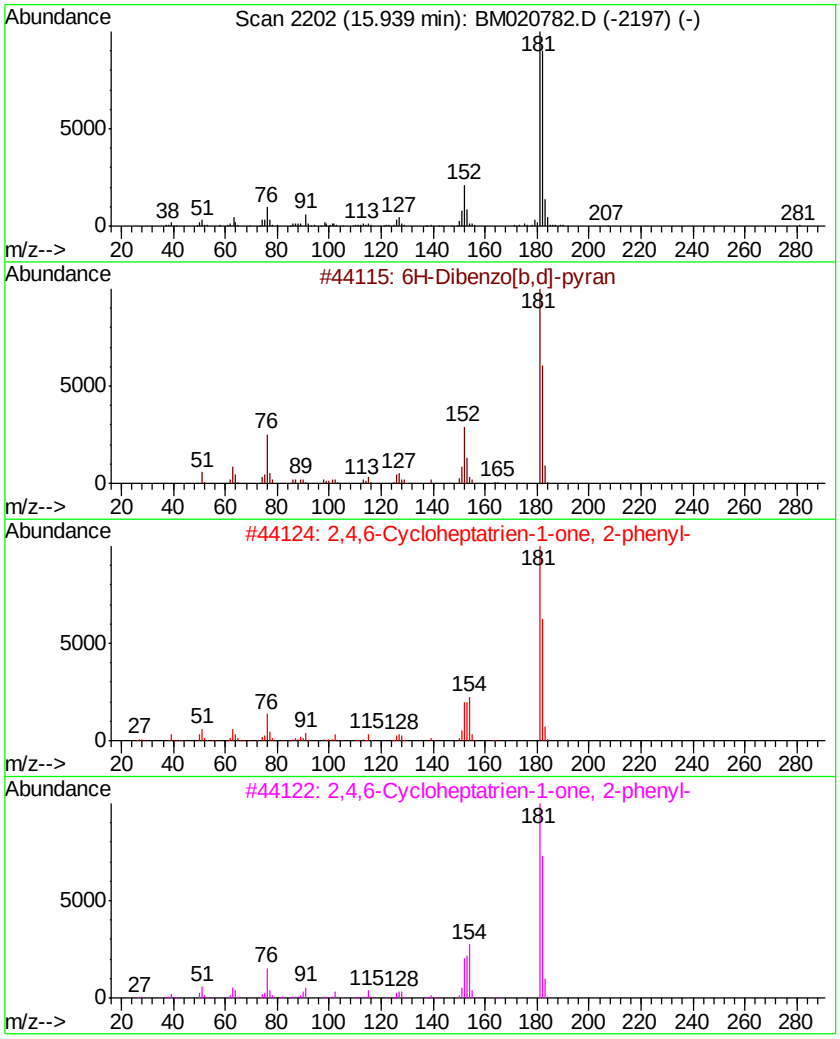
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

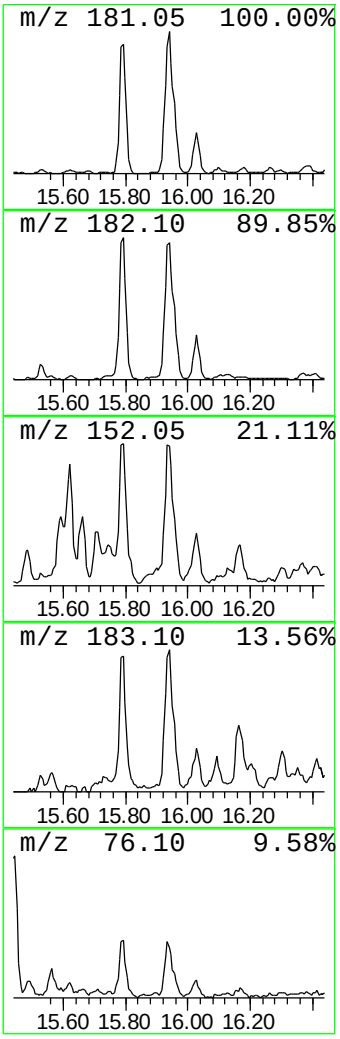
****

Peak Number 4 6H-Dibenzo[b,d]-pyran Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.52 ng/ul	653063	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

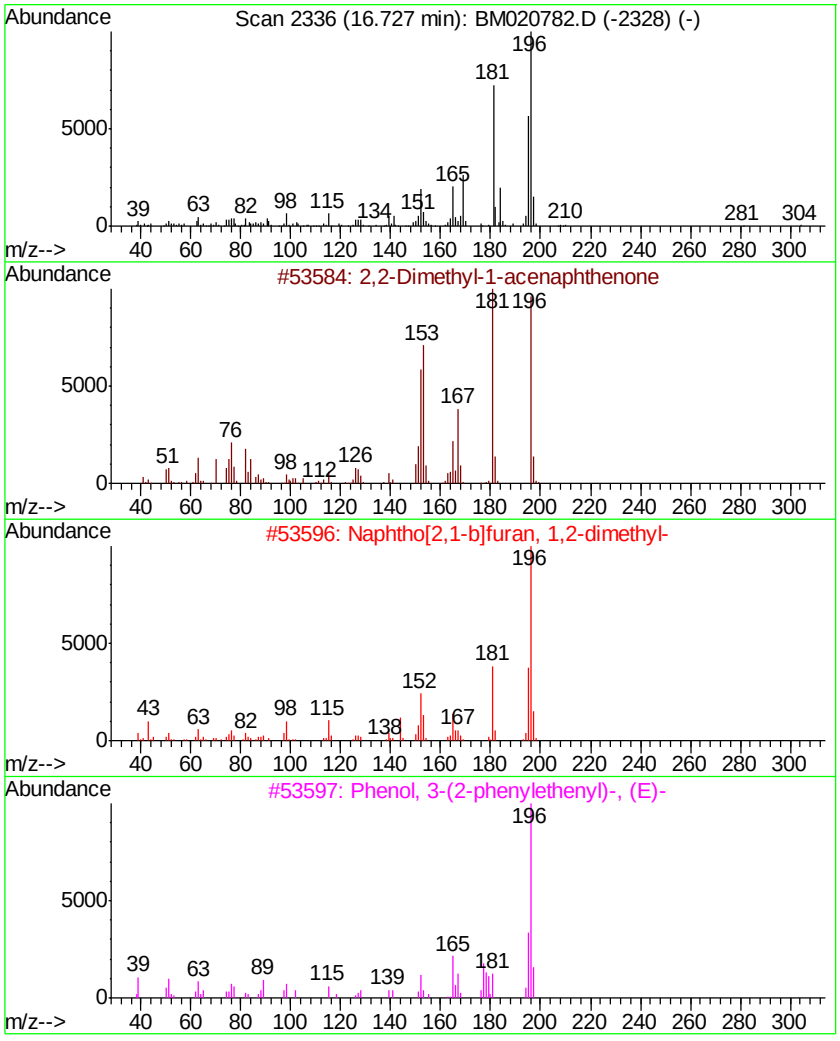
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

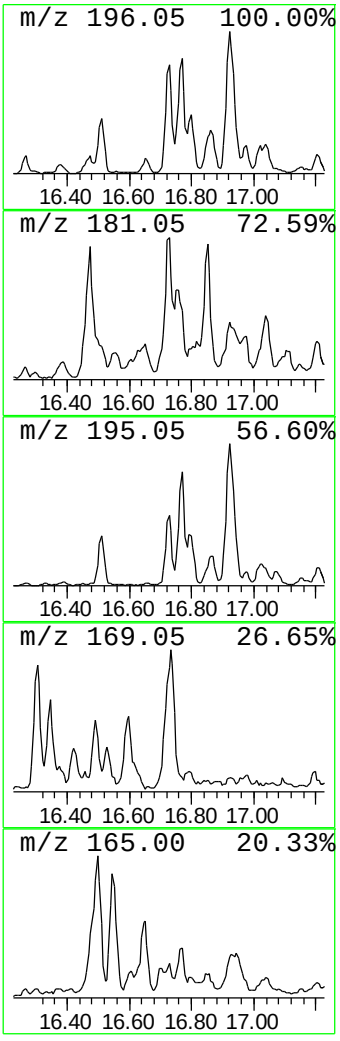
****

Peak Number 5 2,2-Dimethyl-1-acenaphthenone Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.31 ng/ul	613173	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	60
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	49
5	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	47





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Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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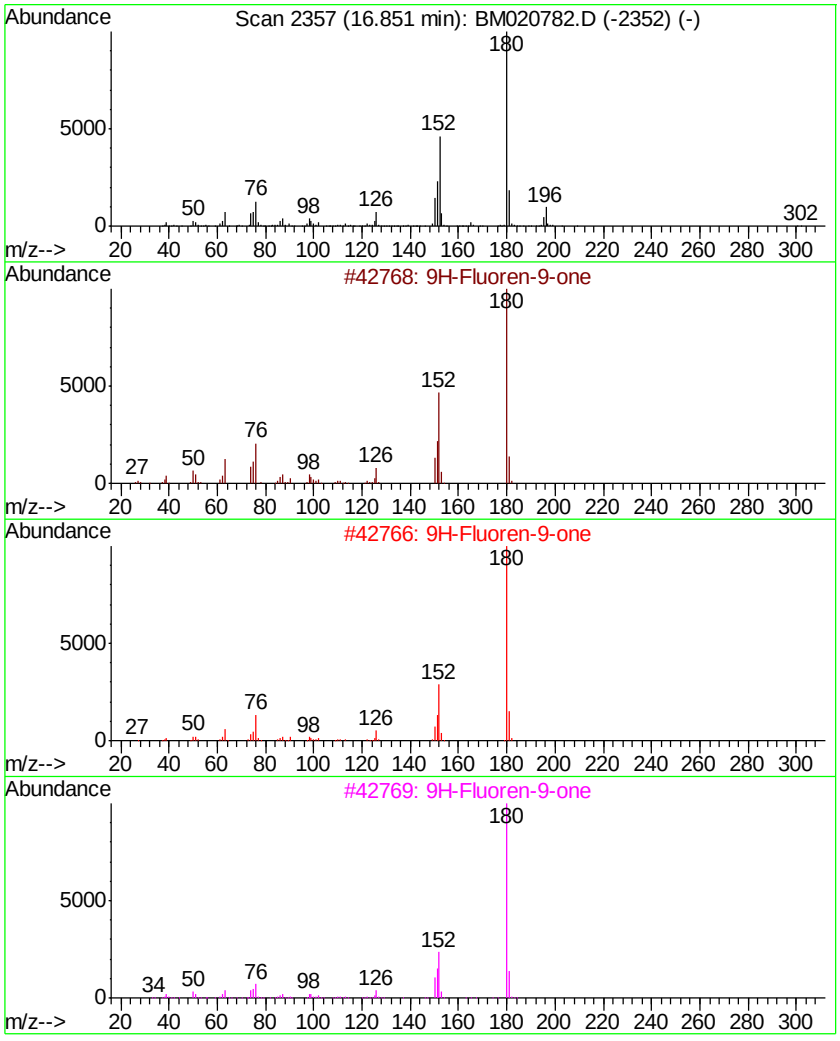
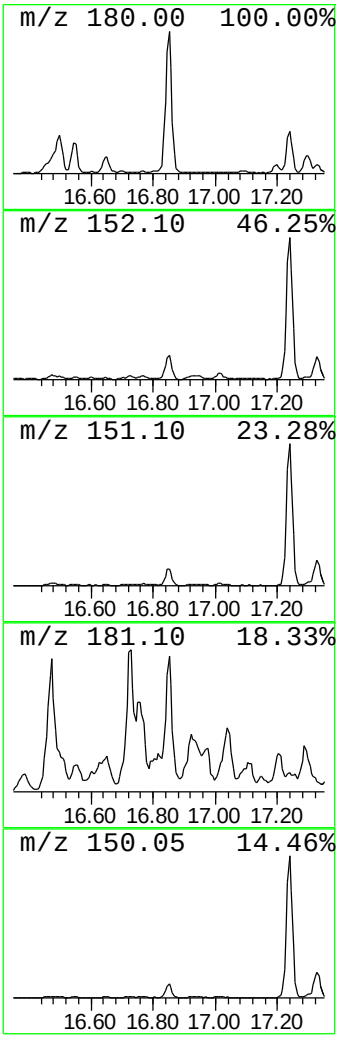
Peak Number 6 9H-Fluoren-9-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.87 ng/ul	903217	Phenanthrene-d10	17.19

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	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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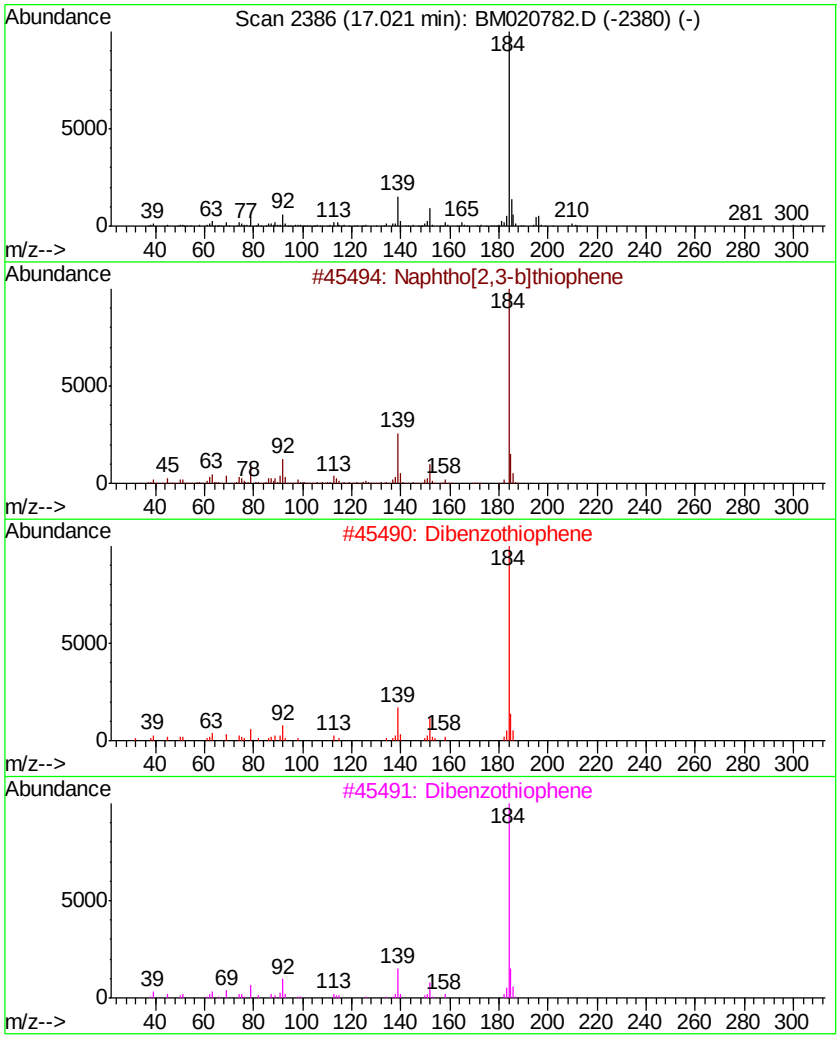
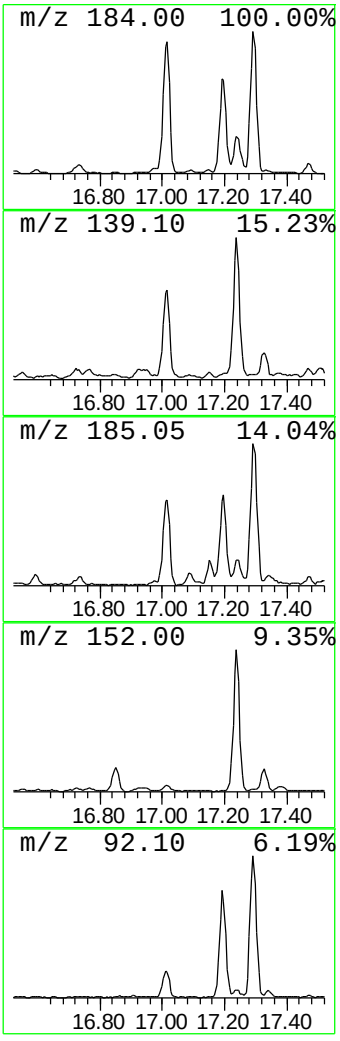
Peak Number 7 Naphtho[2,3-b]thiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	4.40 ng/ul	815086	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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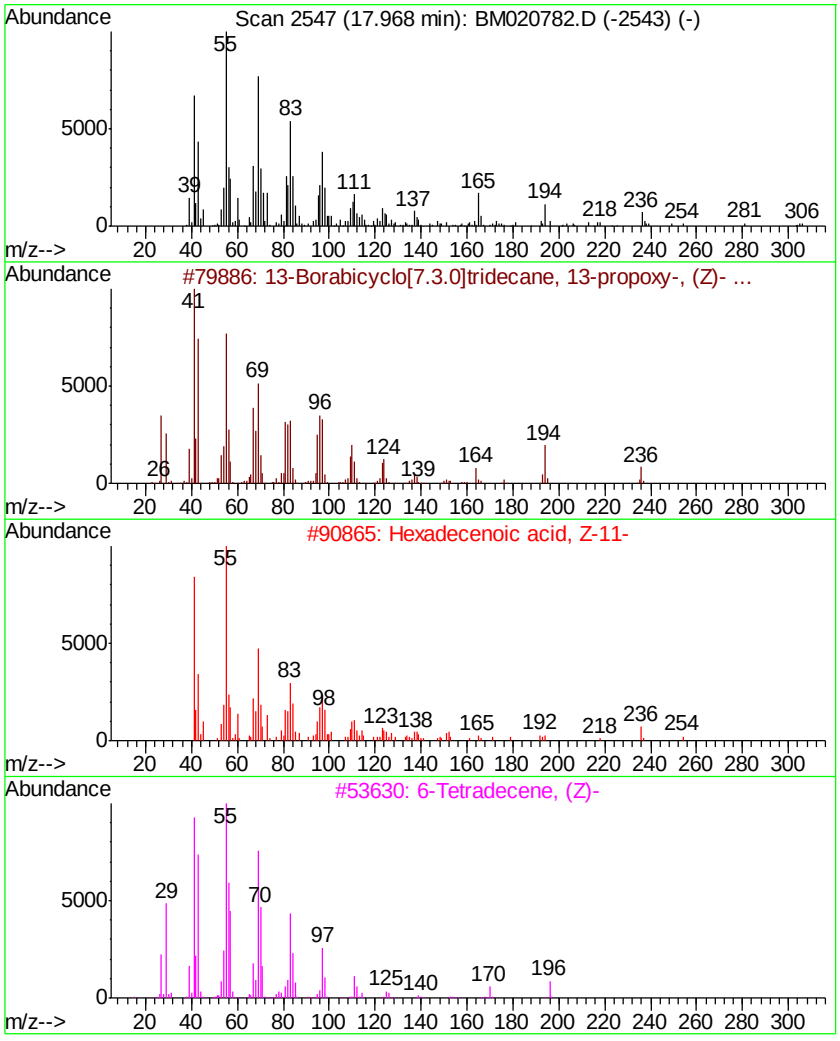
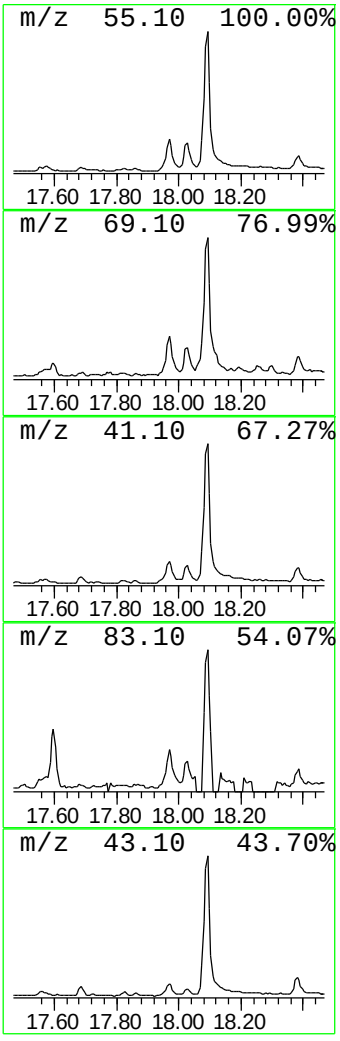
Peak Number 8 13-Borabicyclo[7.3.0]tridec... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.55 ng/ul	658193	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	90
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83
3	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	64
4	Cyclotetradecane	196	C14H28	000295-17-0	64
5	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	50





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Operator : HP/JU
Sample : K3201-14
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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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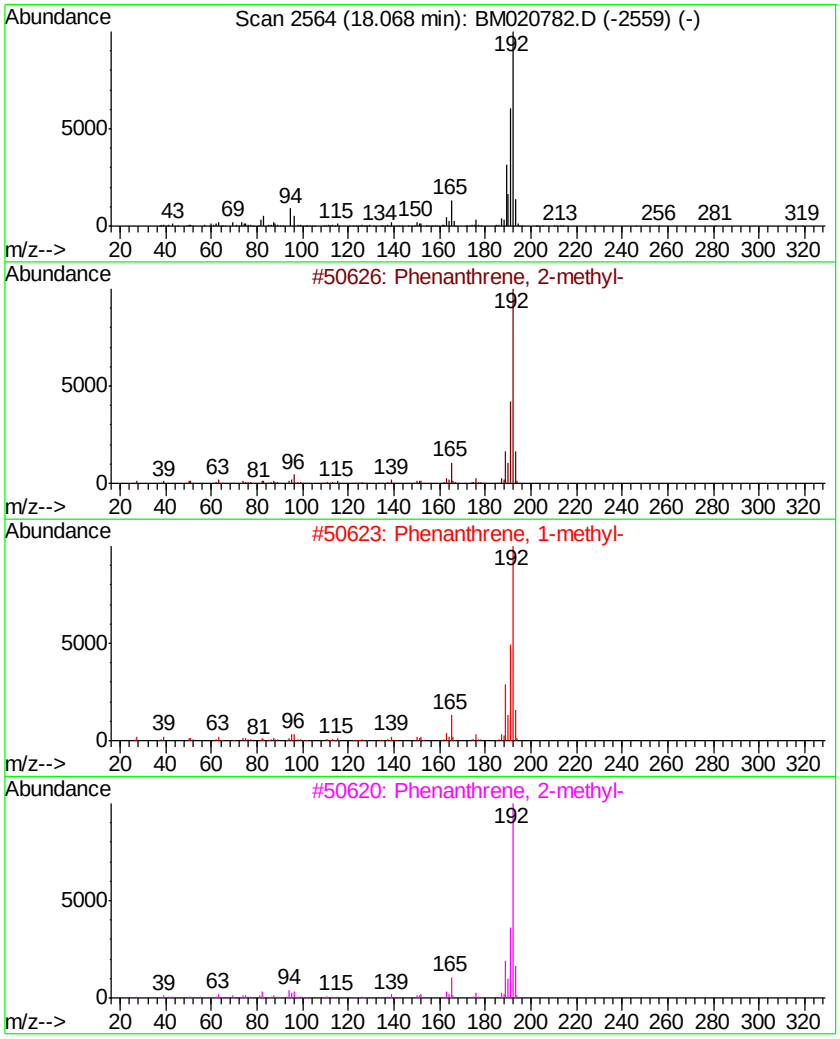
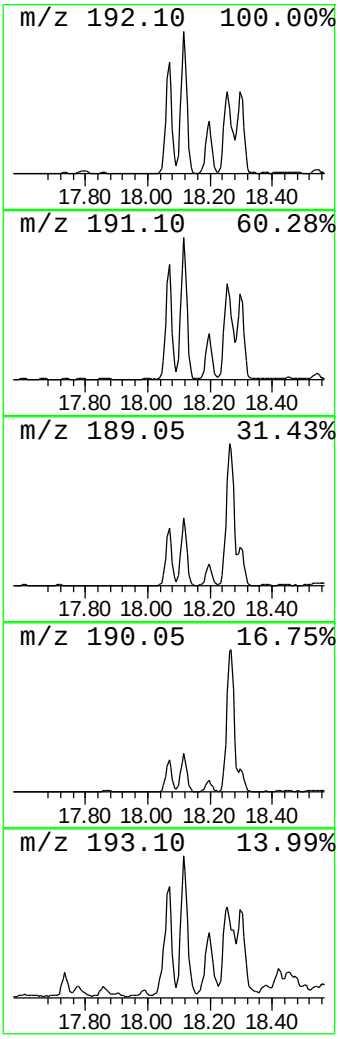
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	13.50 ng/ul	2503320	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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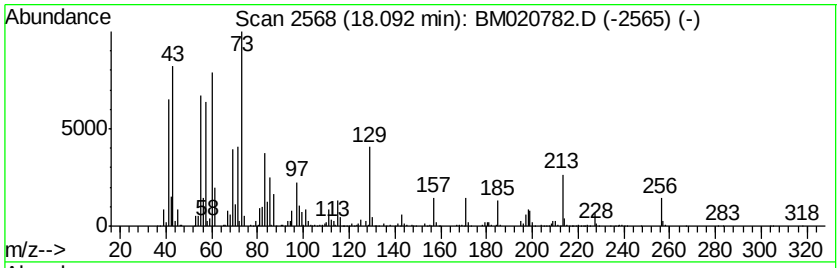
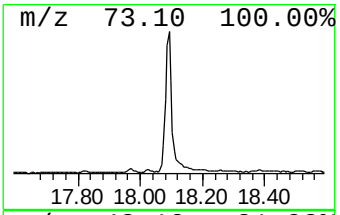
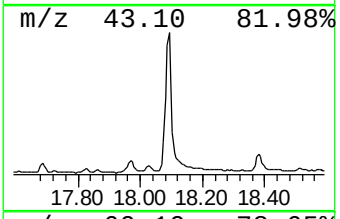
Peak Number 10 n-Hexadecanoic acid Concentration Rank 5

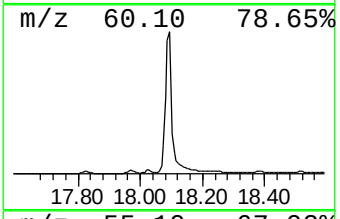
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	21.00 ng/ul	3893370	Phenanthrene-d10	17.19

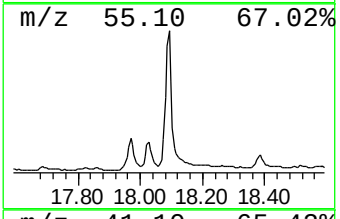
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

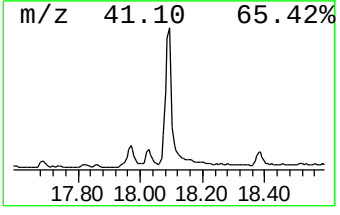












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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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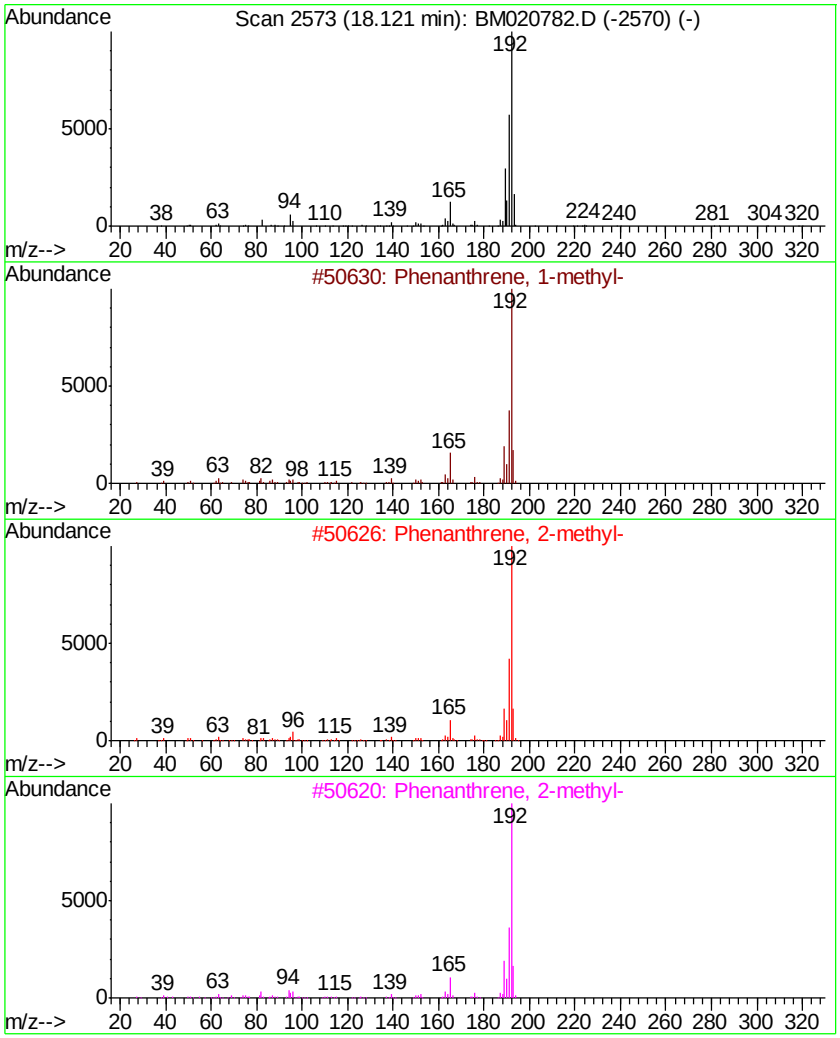
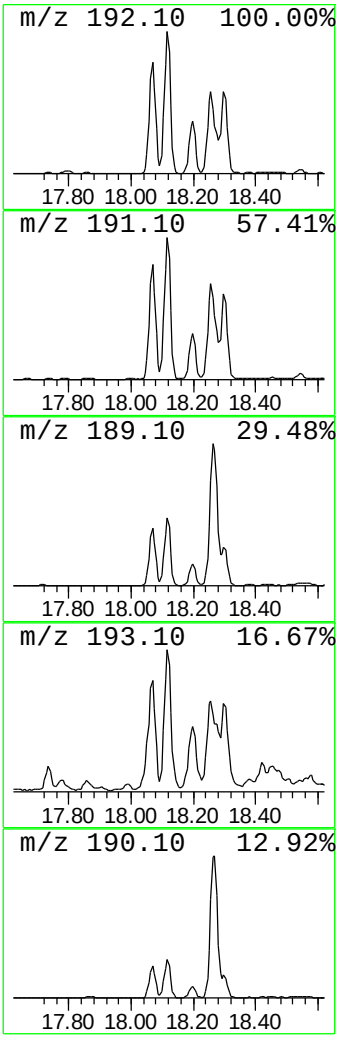
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	18.39 ng/ul	3408760	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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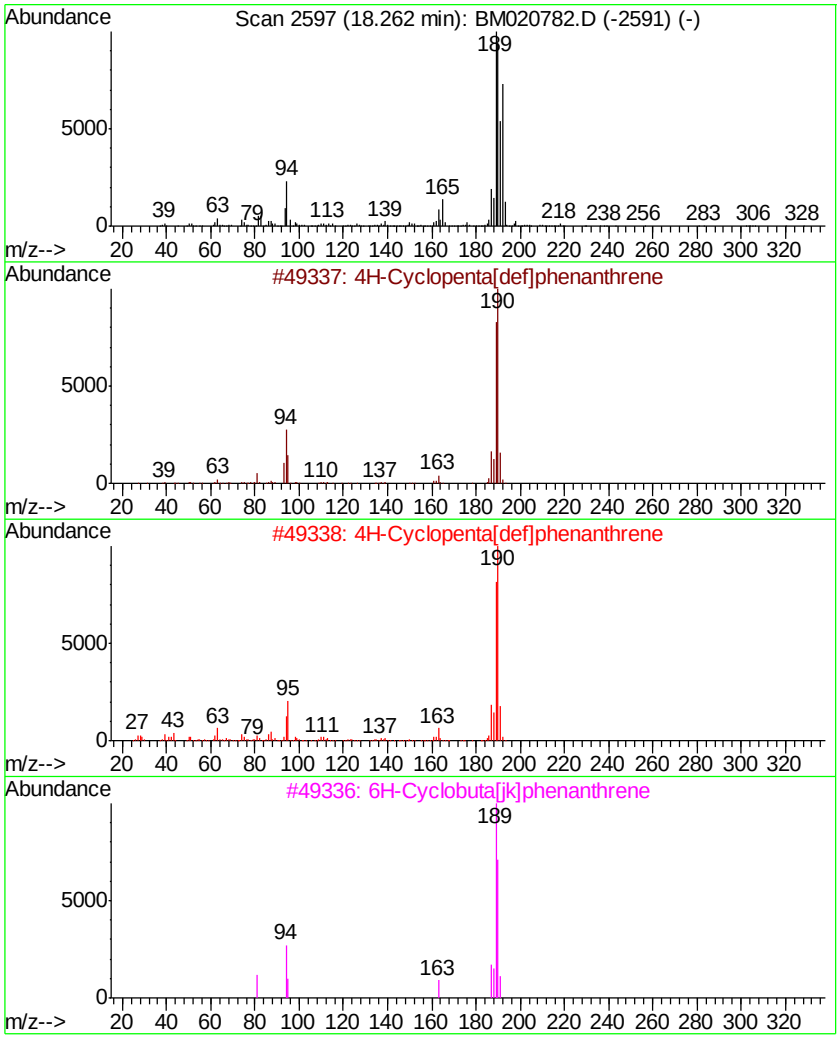
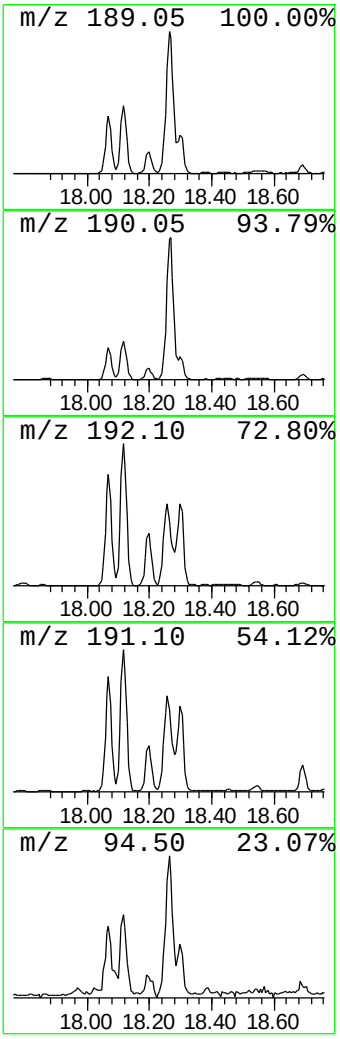
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	25.14 ng/ul	4659900	Phenanthrene-d10	17.19

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	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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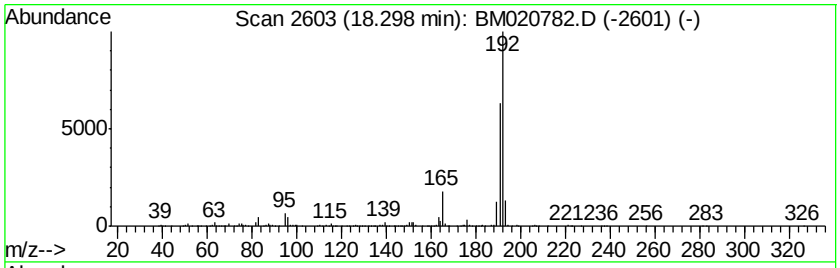
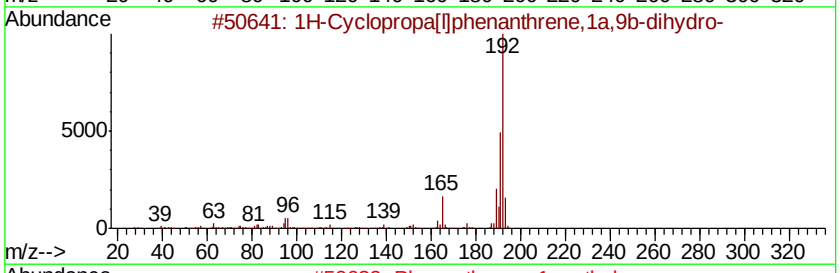
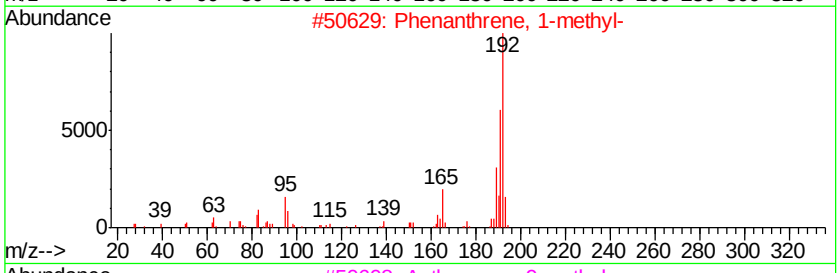
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

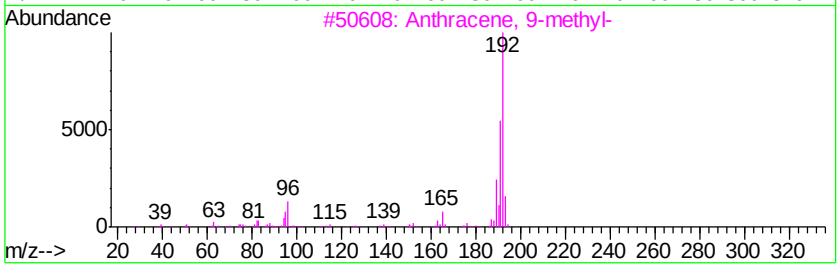
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	9.26 ng/ul	1716250	Phenanthrene-d10	17.19

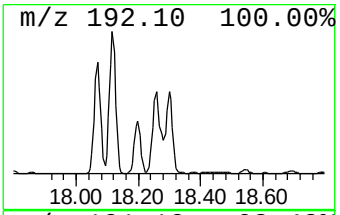
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87

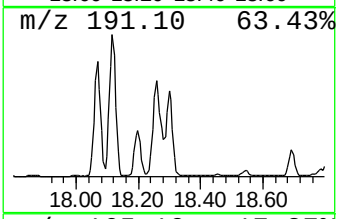


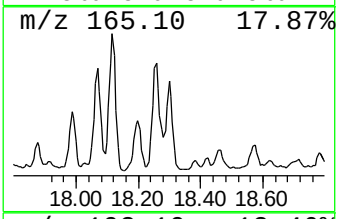


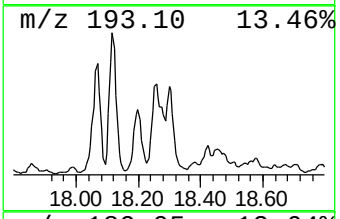


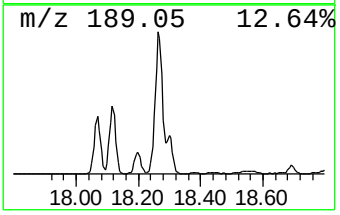












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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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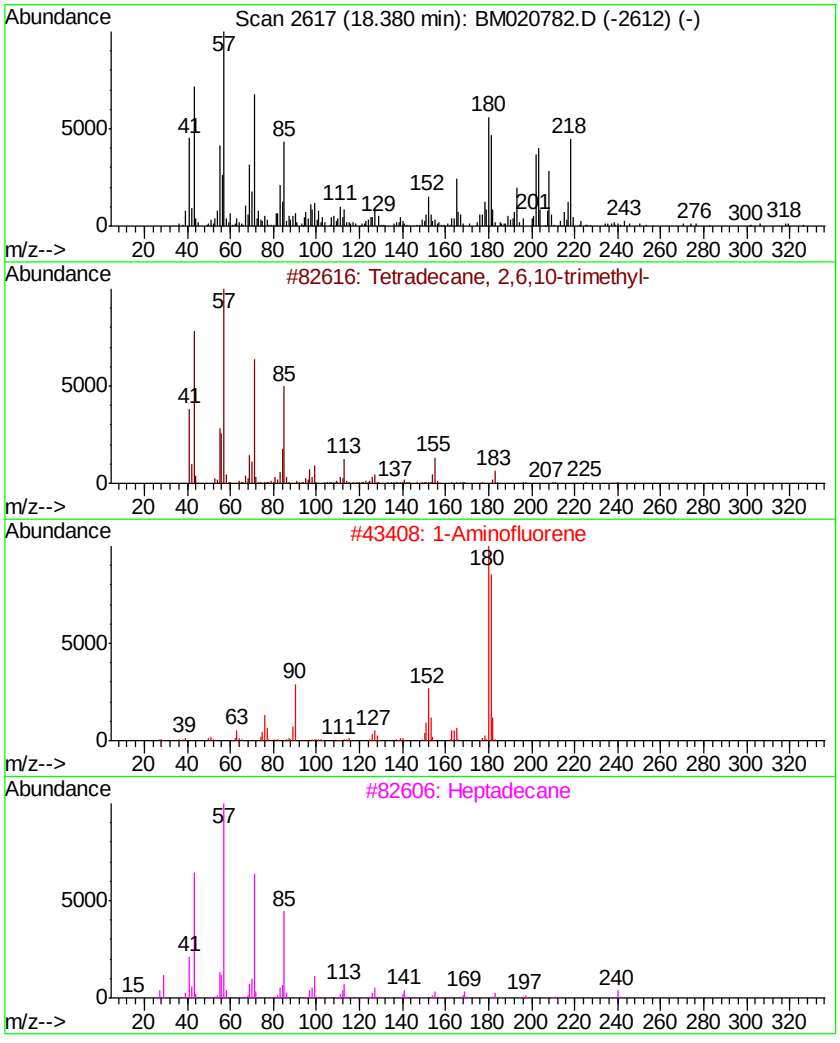
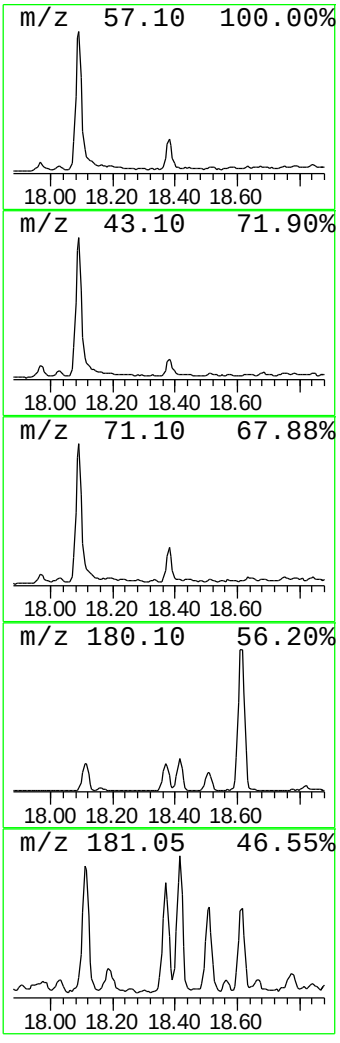
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.31 ng/ul	613026	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	41
2	1-Aminofluorene	181	C13H11N	006344-63-4	25
3	Heptadecane	240	C17H36	000629-78-7	15
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	15
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	15





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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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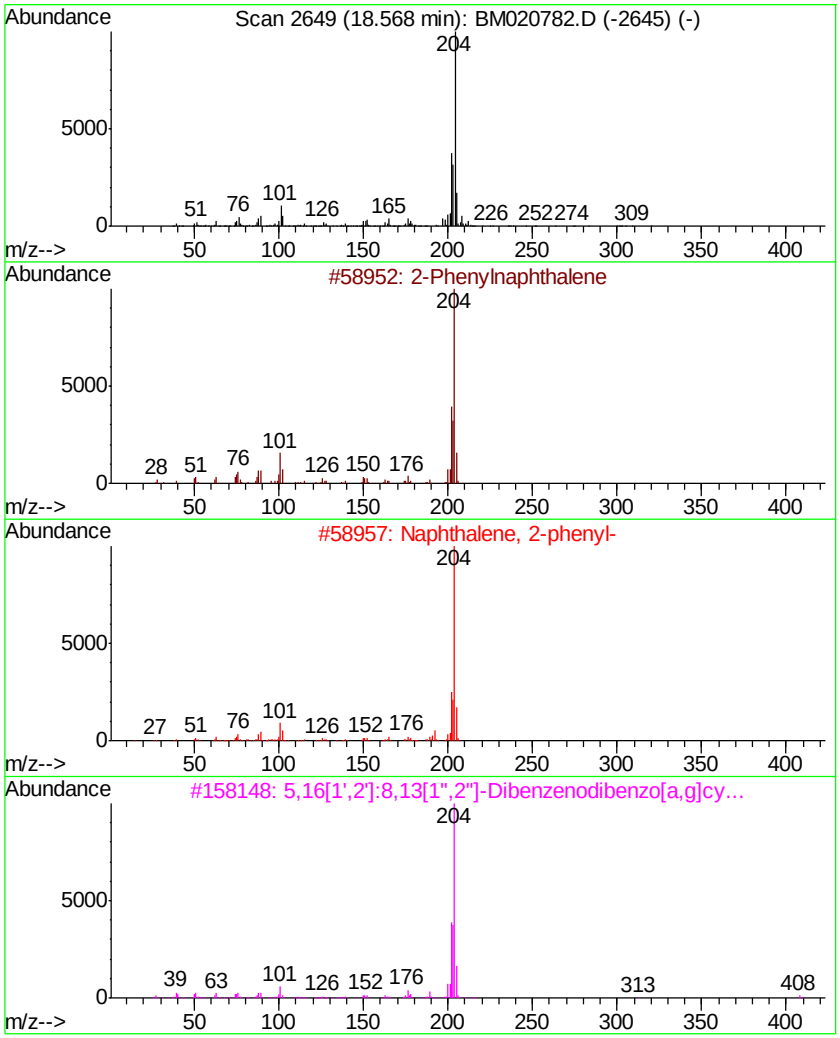
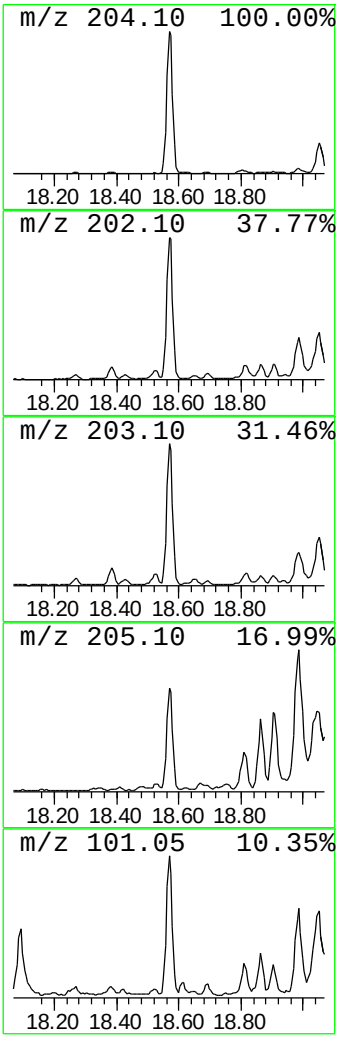
Peak Number 16 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	10.25 ng/ul	1900940	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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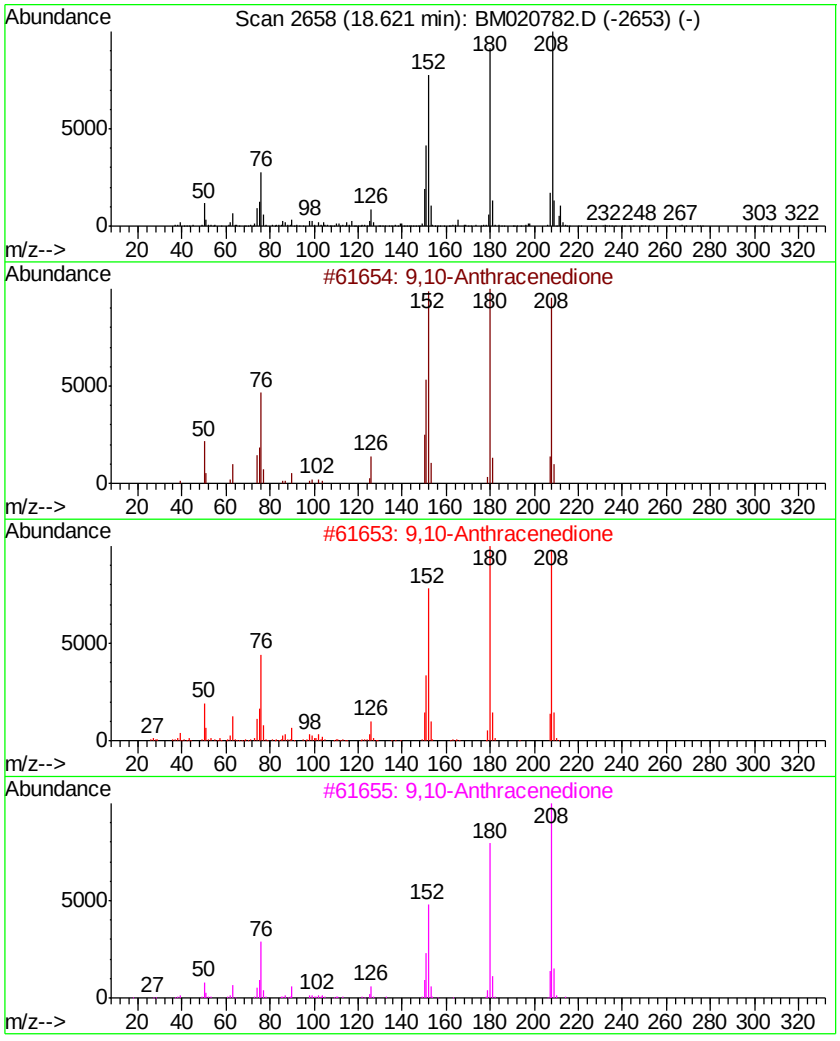
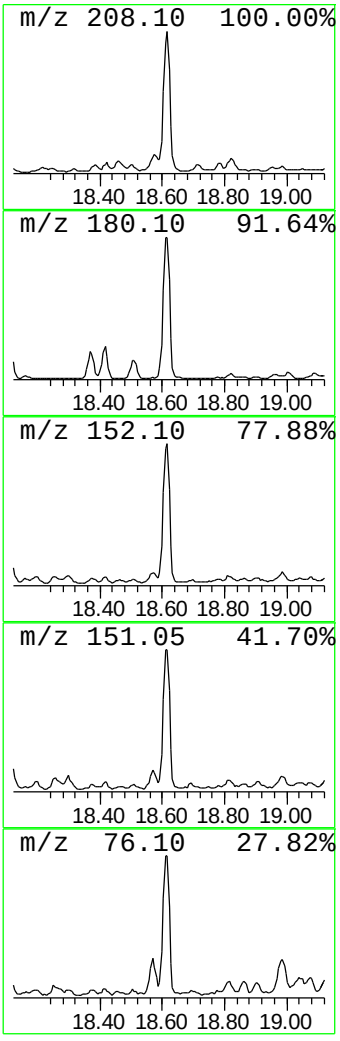
Peak Number 17 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	10.41 ng/ul	1929200	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Quant Title : SVOA CALIBRATION

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

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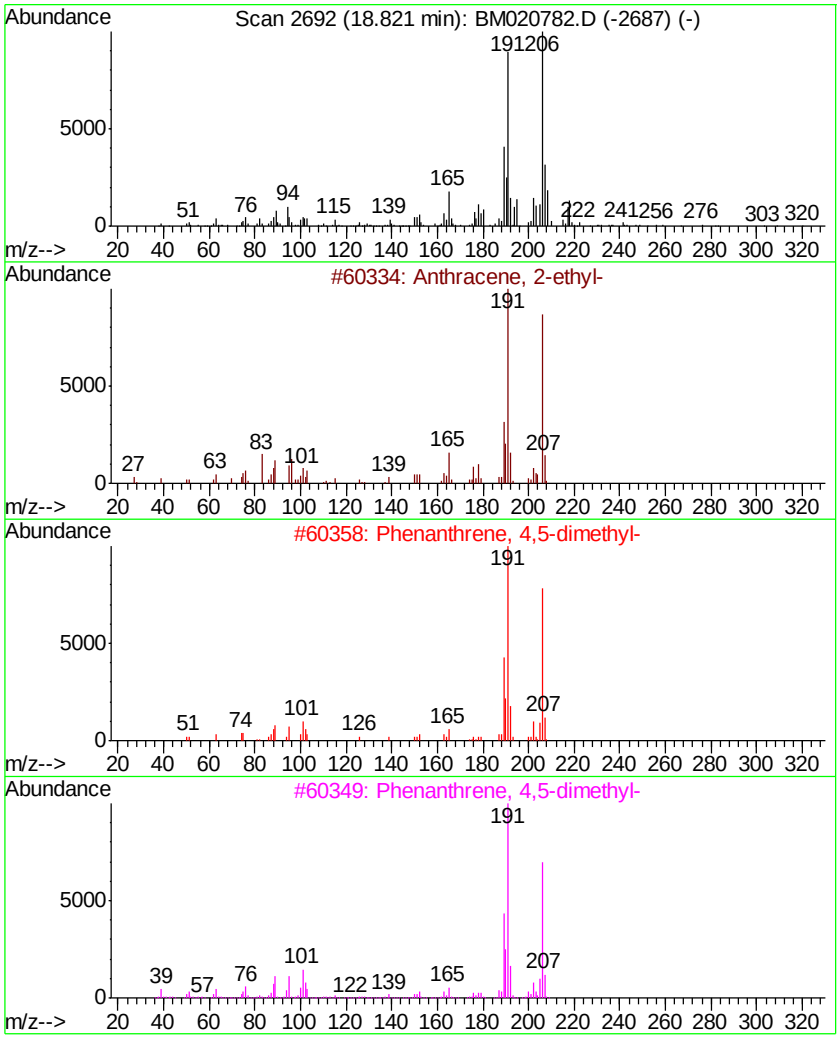
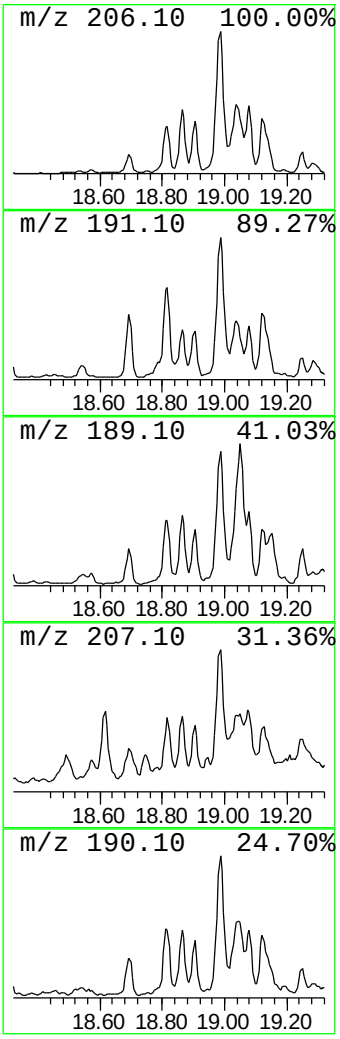
Peak Number 18 Anthracene, 2-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	5.11 ng/ul	946719	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





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Quant Title : SVOA CALIBRATION

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

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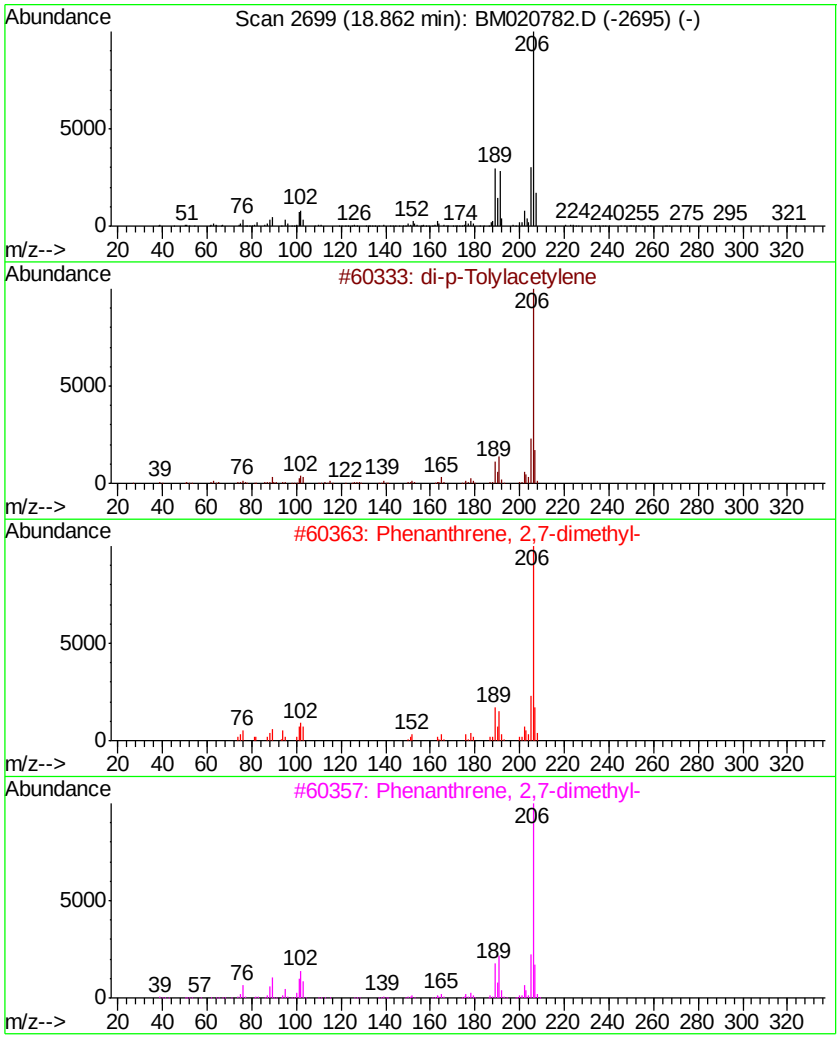
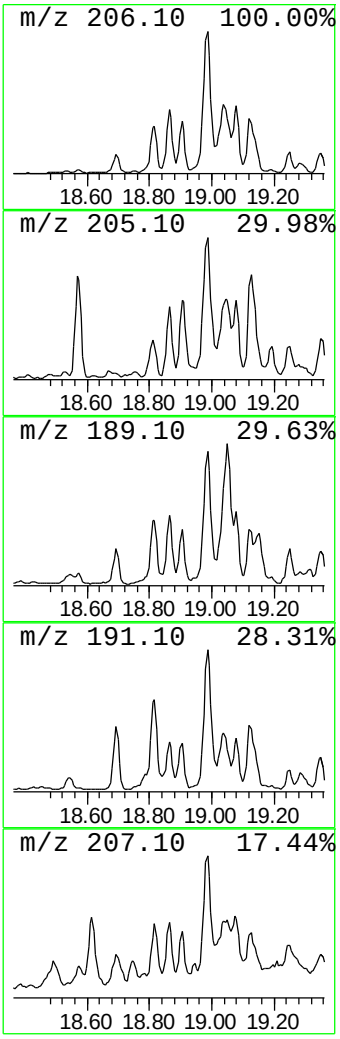
Peak Number 19 di-p-Tolylacetylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.70 ng/ul	684967	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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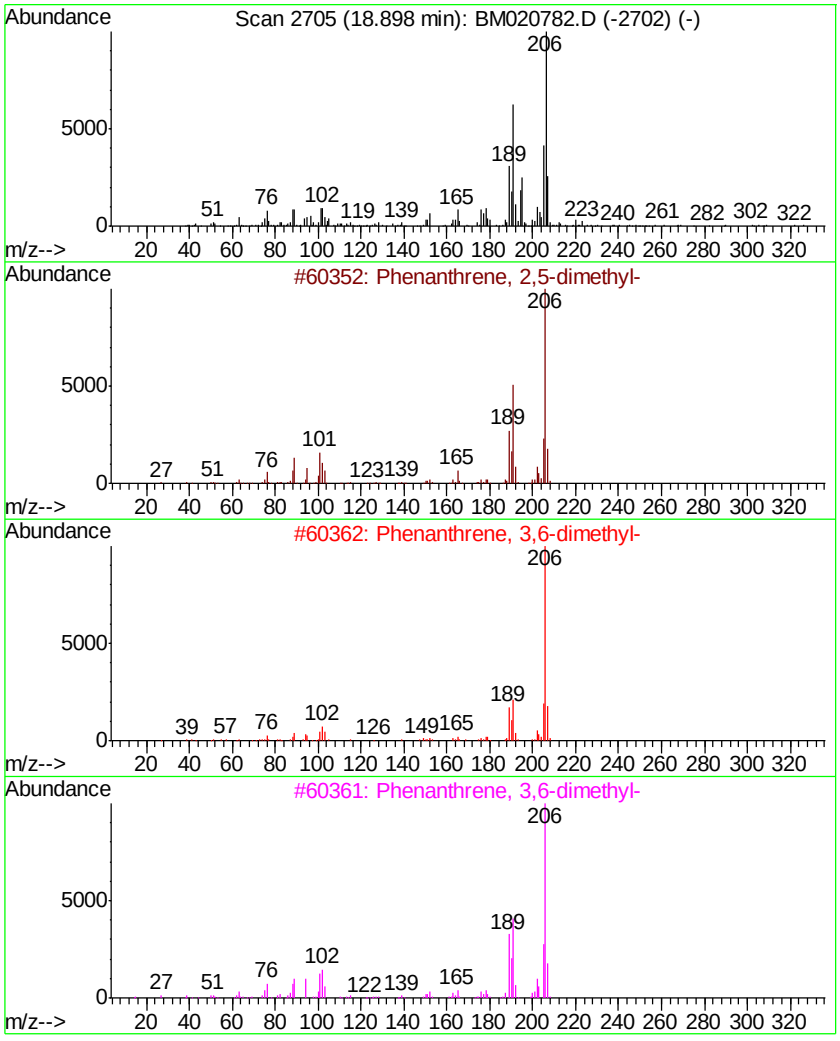
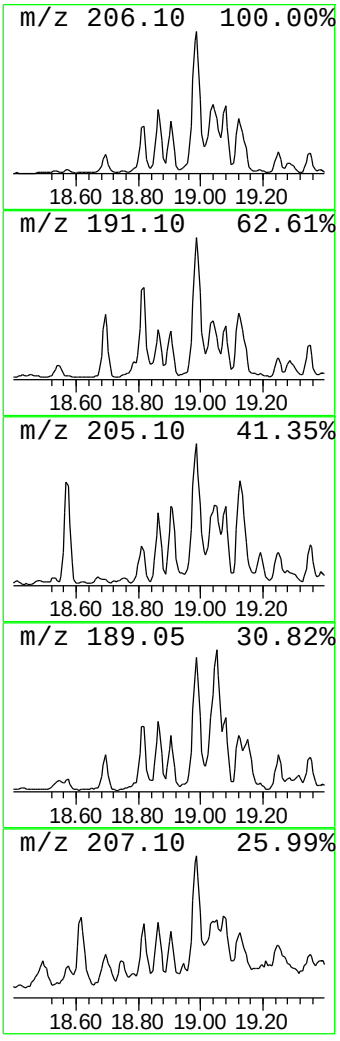
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.50 ng/ul	648094	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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Quant Title : SVOA CALIBRATION

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

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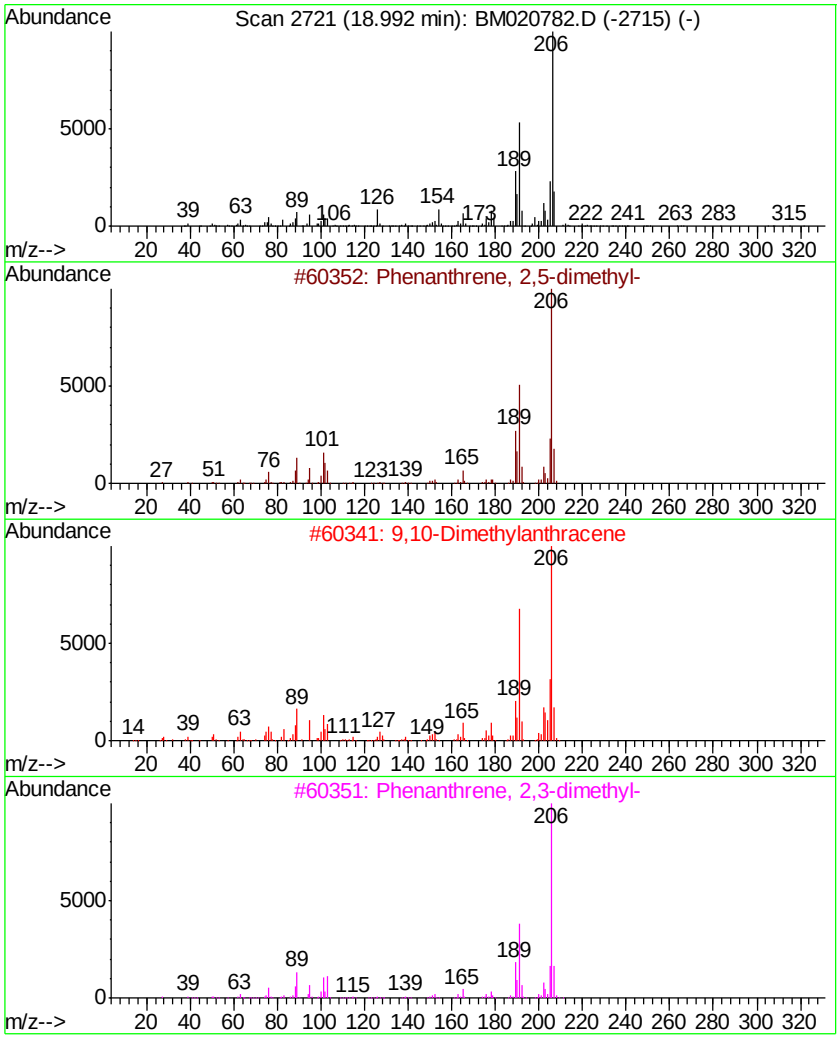
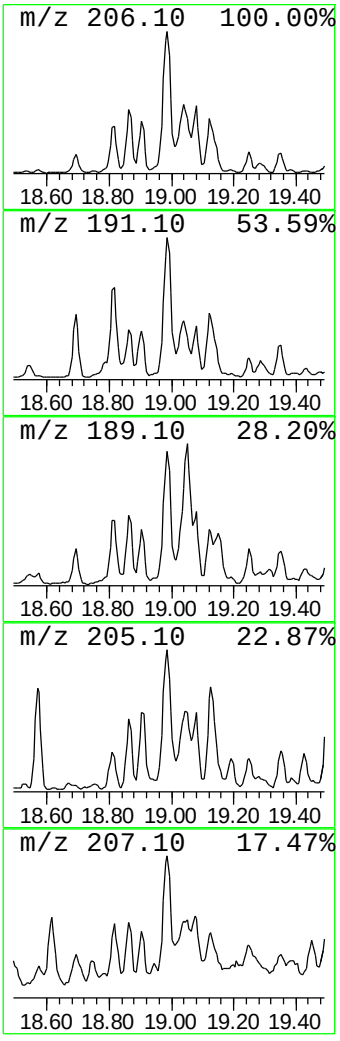
Peak Number 21 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	14.23 ng/ul	2637080	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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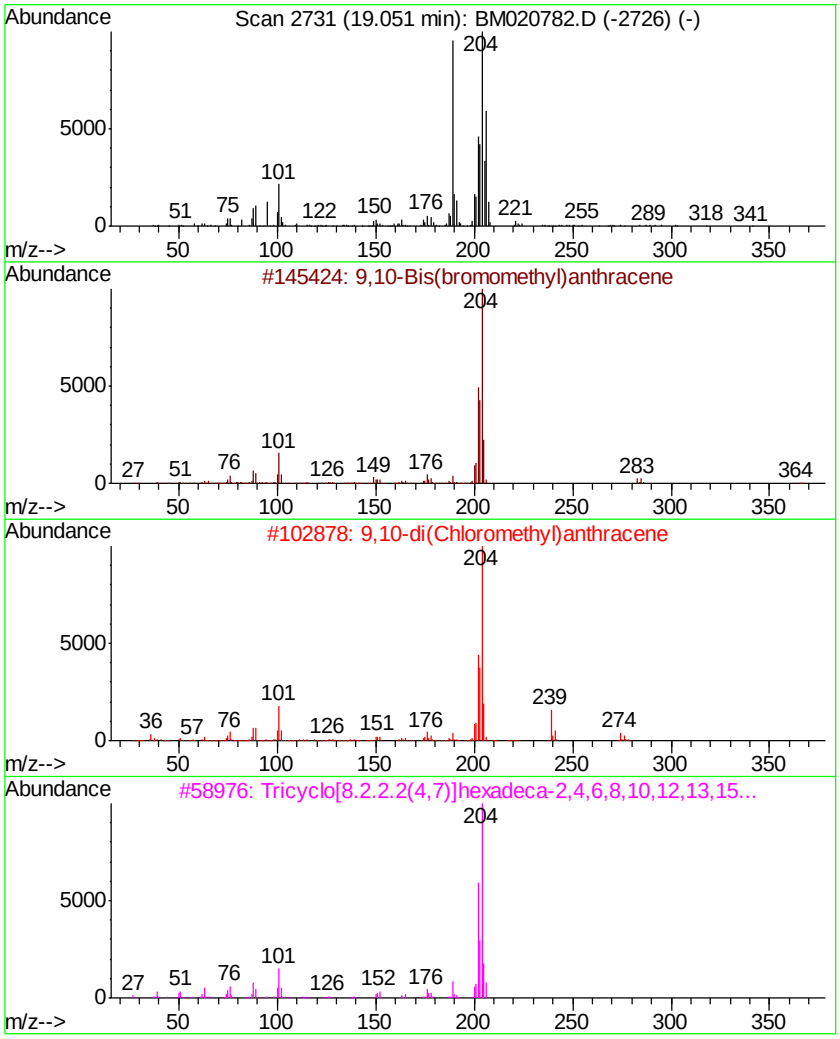
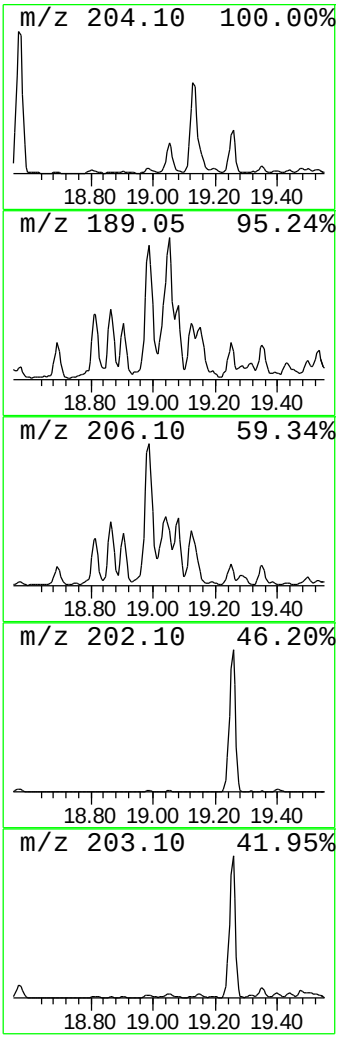
Peak Number 22 9,10-Bis(bromomethyl)anthra... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	6.64 ng/ul	1231150	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	49
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	41
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30





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Quant Title : SVOA CALIBRATION

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

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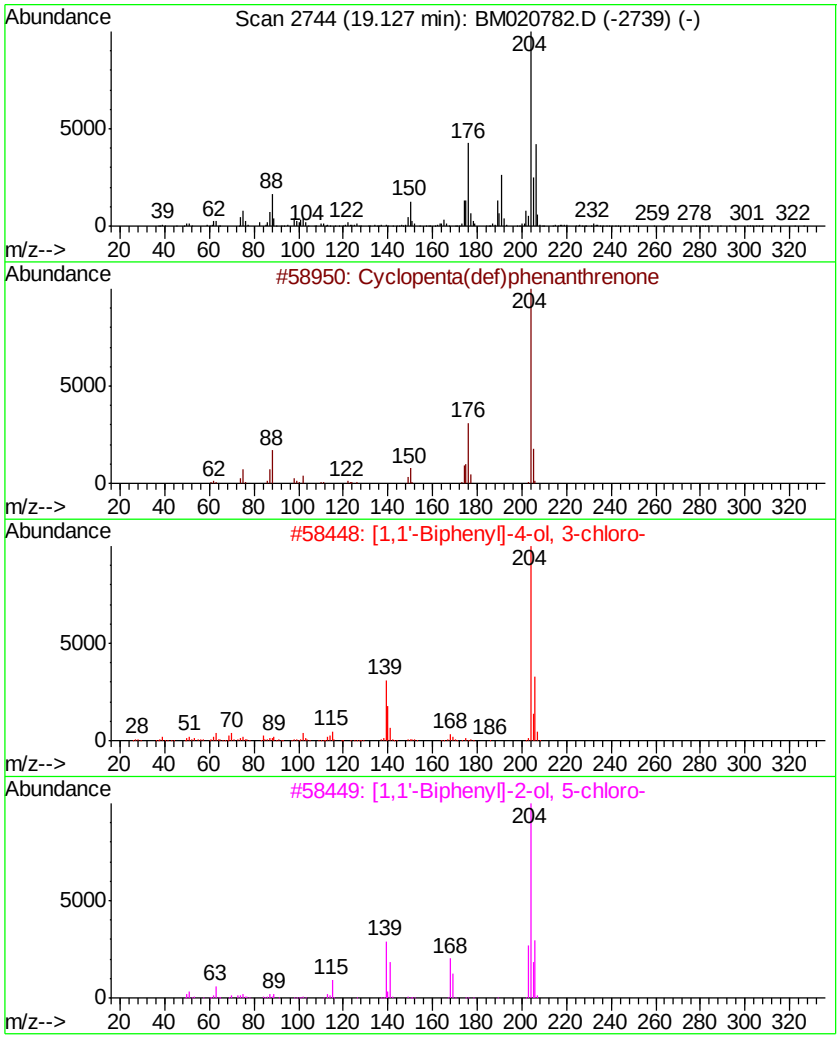
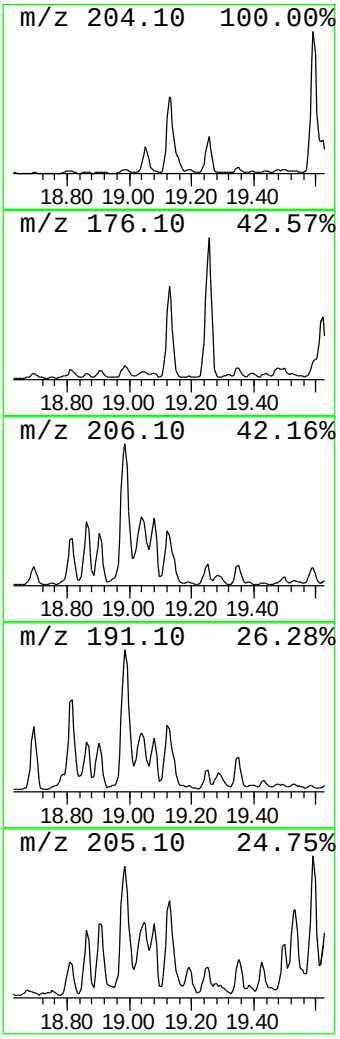
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	11.29 ng/ul	2091940	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Quant Title : SVOA CALIBRATION

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

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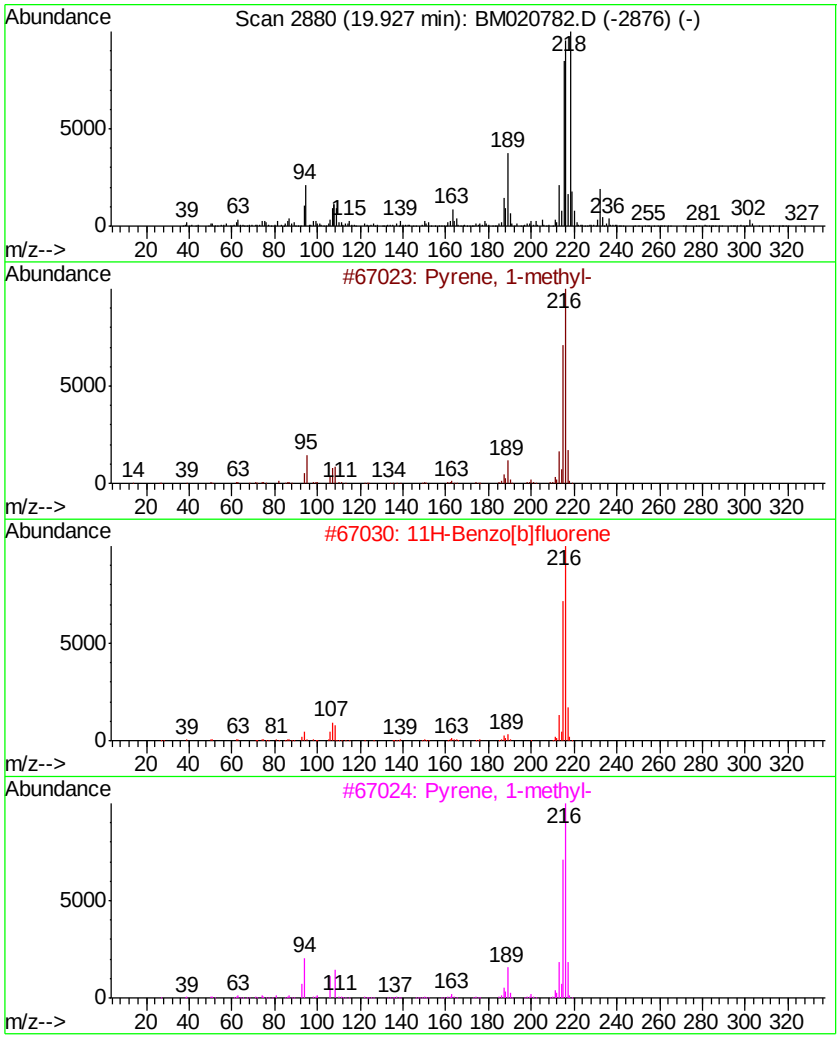
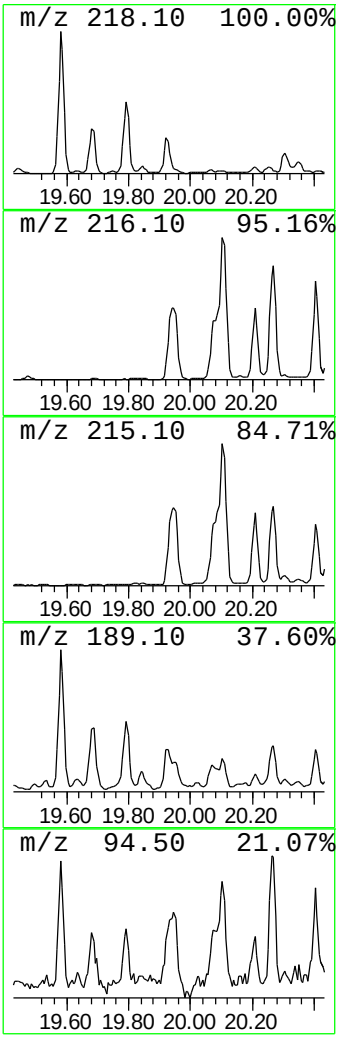
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.42 ng/ul	3673600	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Quant Title : SVOA CALIBRATION

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

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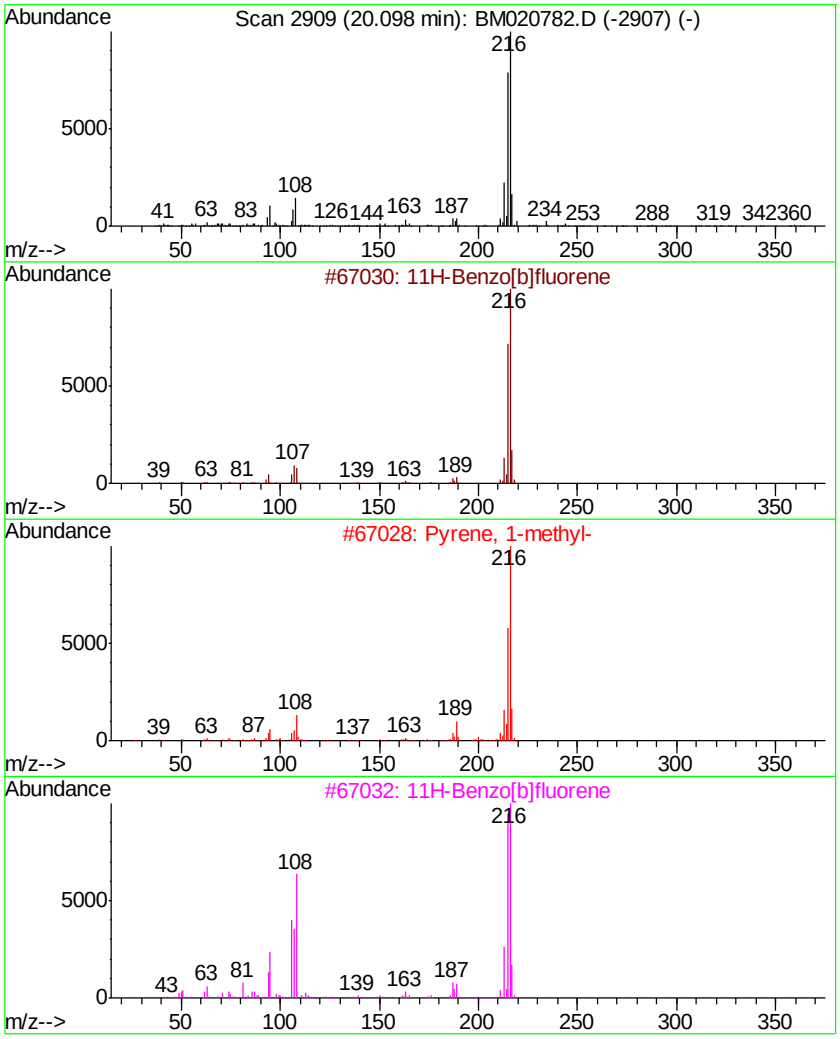
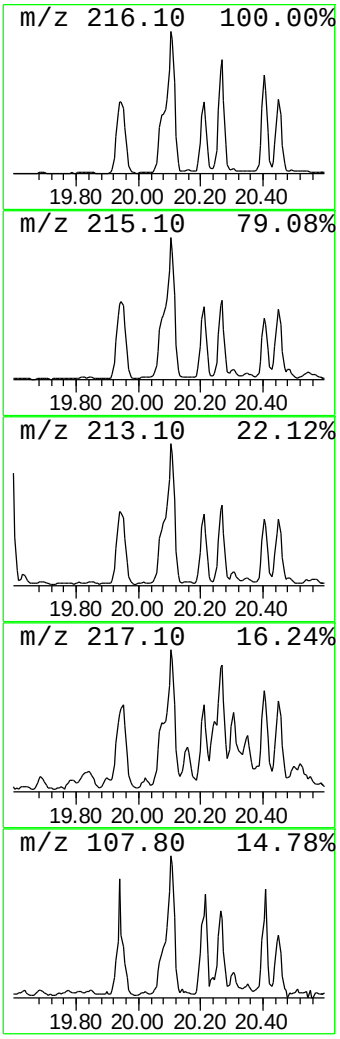
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.21 ng/ul	3457060	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Quant Title : SVOA CALIBRATION

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

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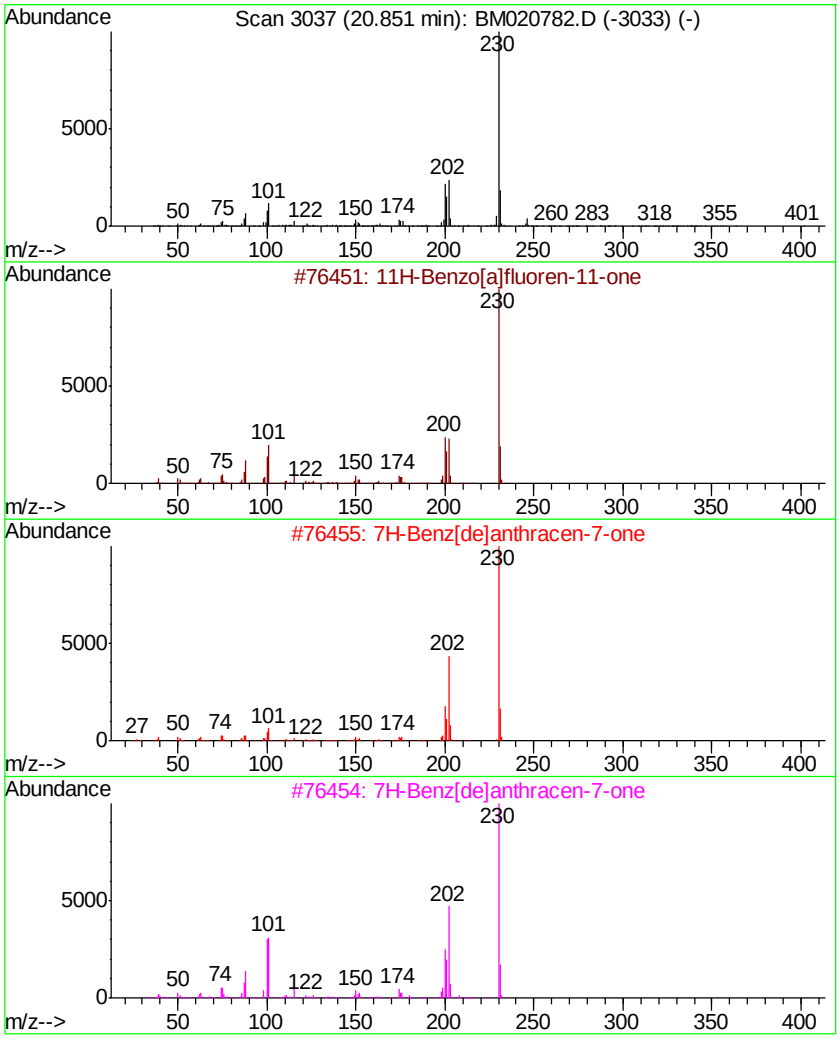
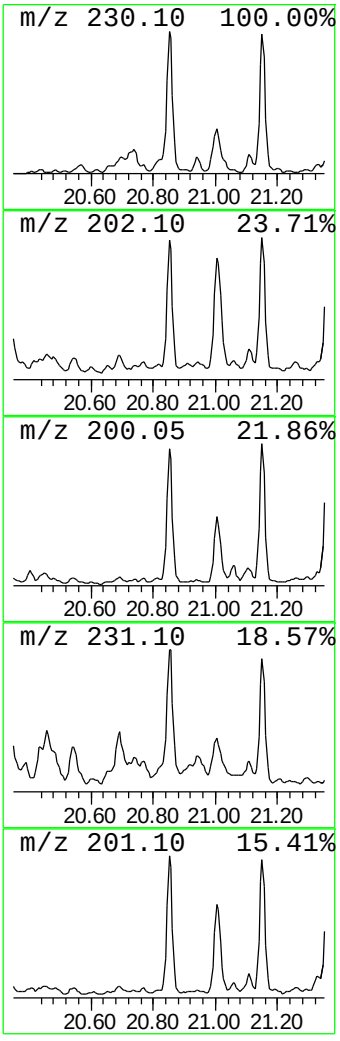
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.85 ng/ul	3067980	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Quant Title : SVOA CALIBRATION

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

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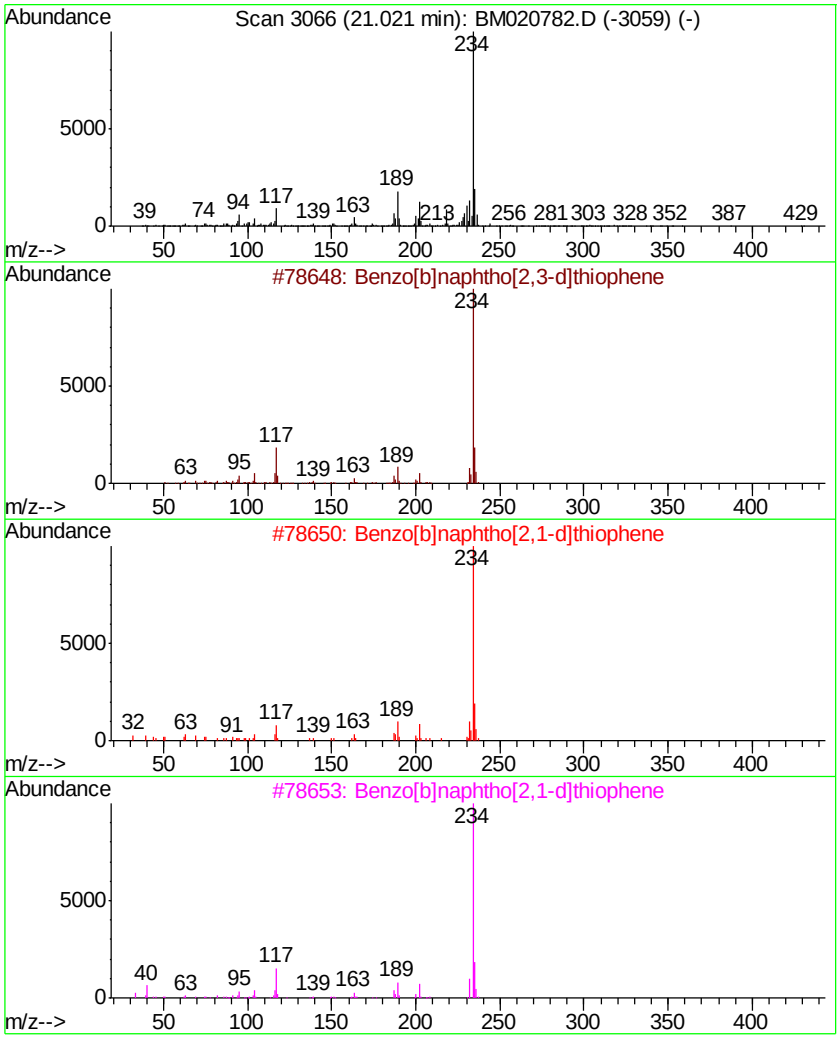
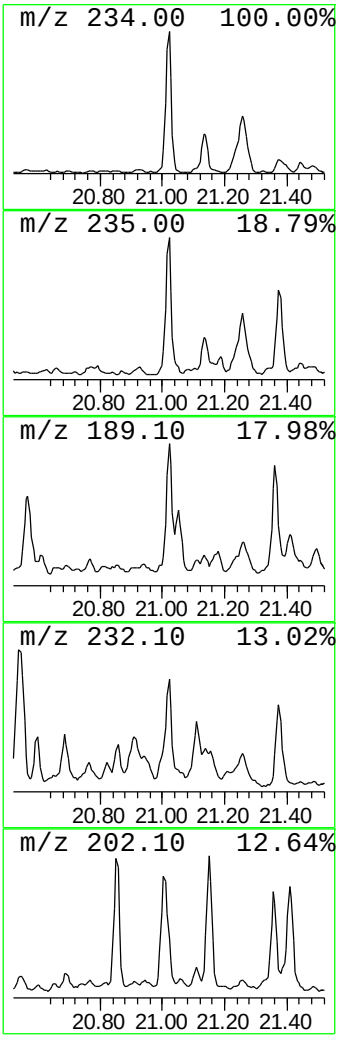
Peak Number 28 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.08 ng/ul	3313570	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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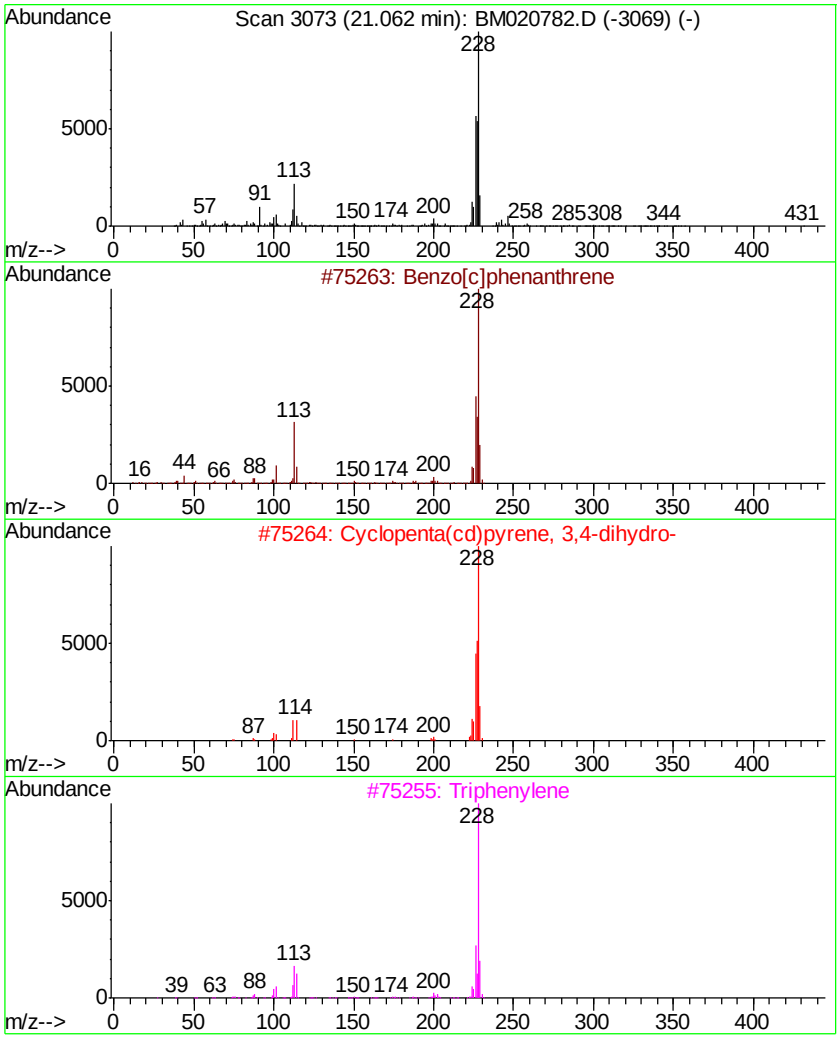
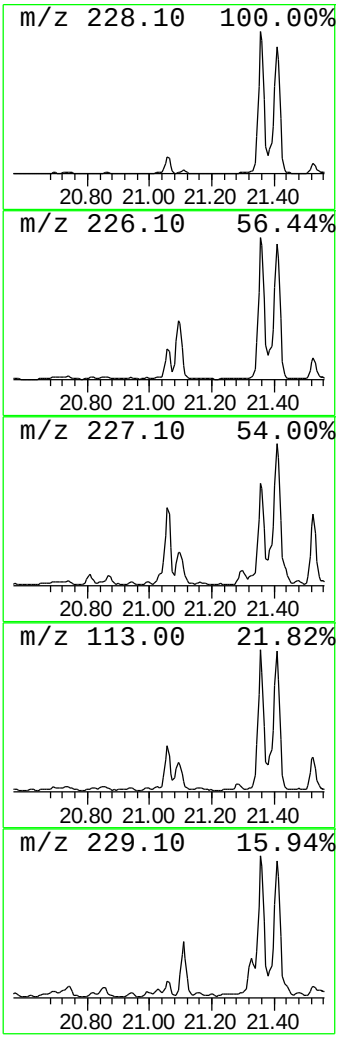
Peak Number 29 Benzo[c]phenanthrene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.52 ng/ul	2711560	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	93
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
3	Triphenylene	228	C18H12	000217-59-4	53
4	Triphenylene	228	C18H12	000217-59-4	49
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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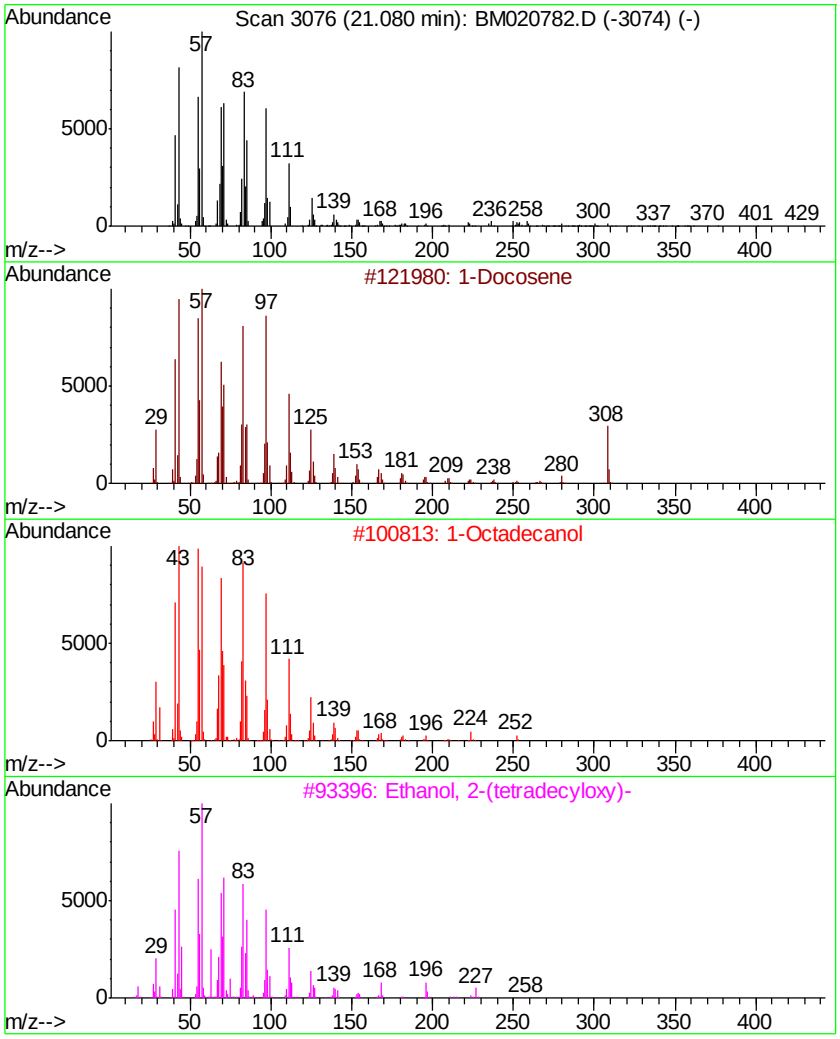
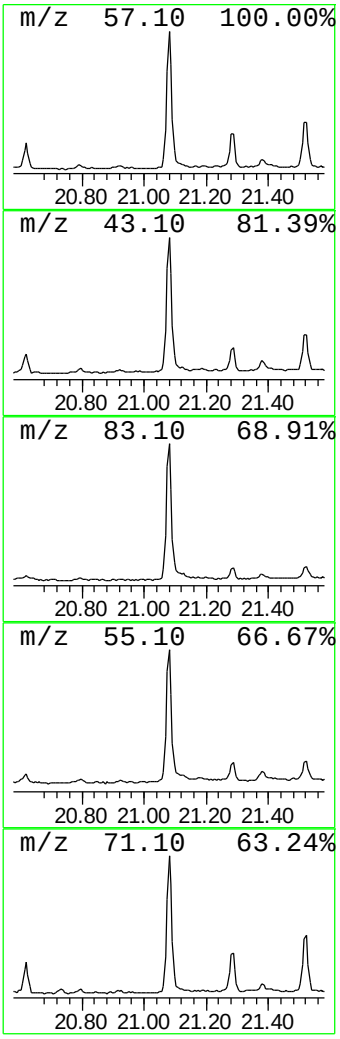
Peak Number 30 (DEL) Alkane: Cyclic21.08 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.16 ng/ul	5552820	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	1-Octadecanol	270	C18H38O	000112-92-5	93
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	1-Octadecene	252	C18H36	000112-88-9	91
5	1-Hentetracontanol	593	C41H84O	040710-42-7	91





Library Search Compound Report

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Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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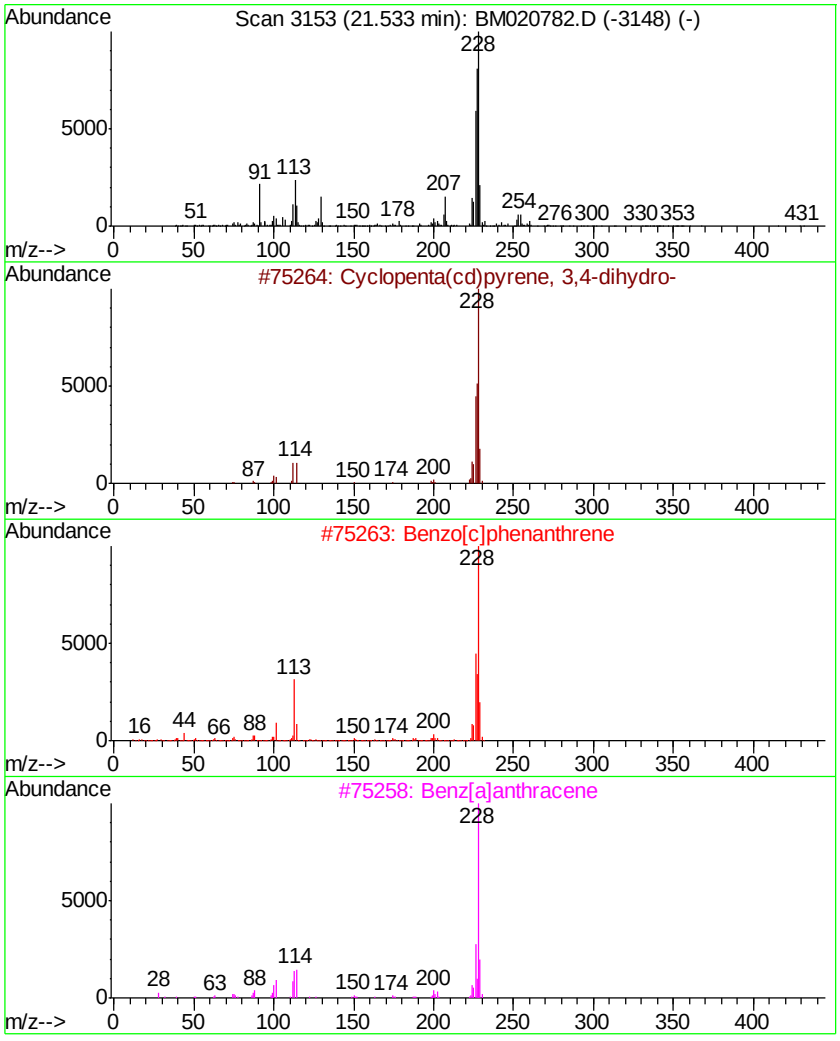
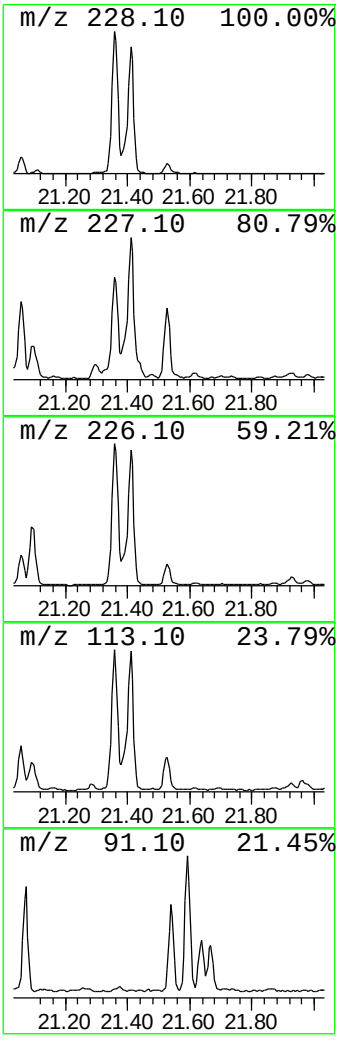
Peak Number 32 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.14 ng/ul	2298530	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
3	Benz[a]anthracene	228	C18H12	000056-55-3	45
4	Chrysene	228	C18H12	000218-01-9	45
5	Triphenylene	228	C18H12	000217-59-4	45





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Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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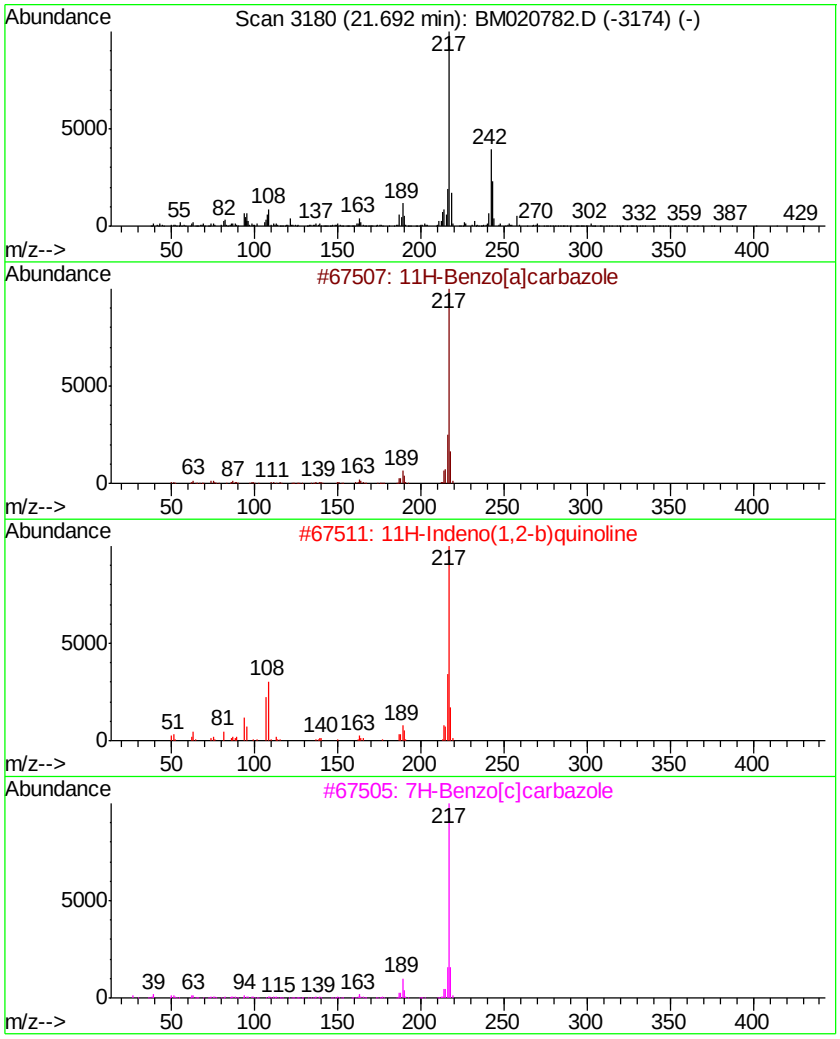
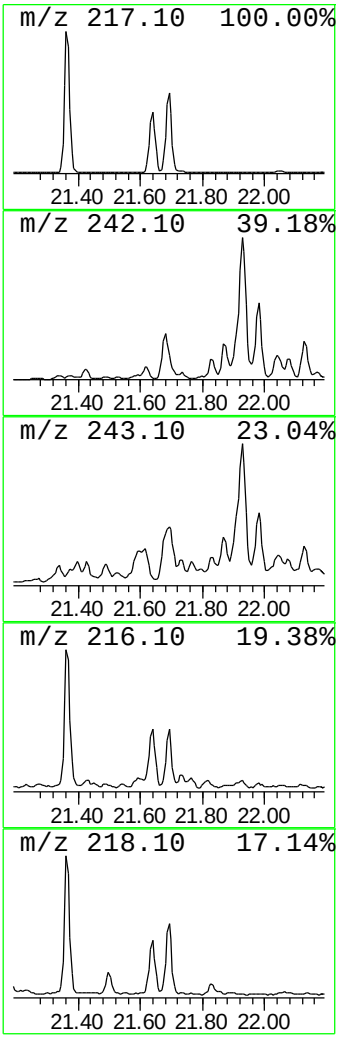
Peak Number 33 11H-Benzo[a]carbazole Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.38 ng/ul	2563220	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	92
2	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	70
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	64
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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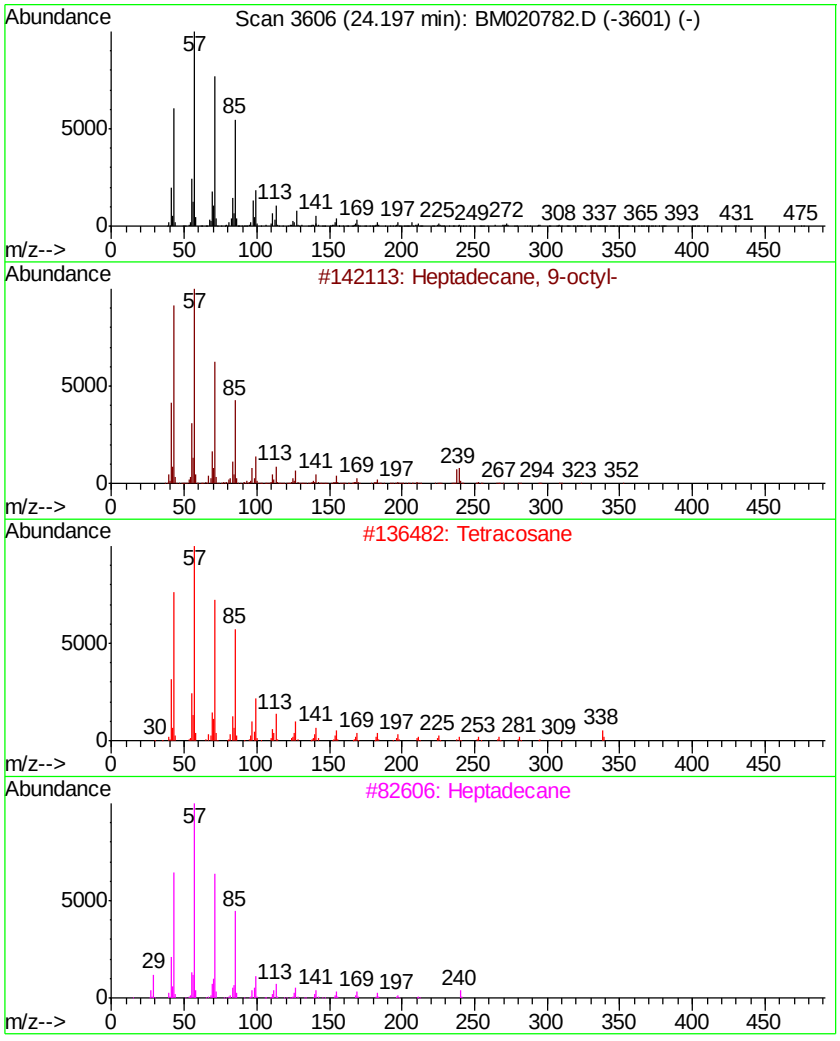
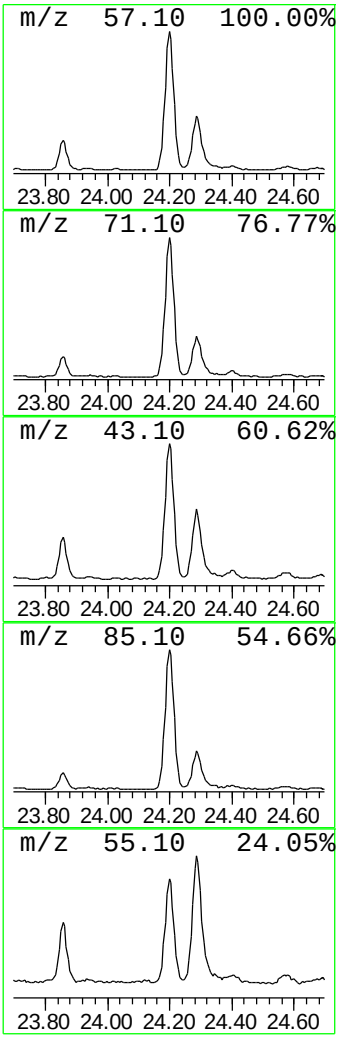
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	19.16 ng/ul	4111420	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
Data File : BM020782.D
Acq On : 07 Jun 2019 02:26
Operator : HP/JU
Sample : K3201-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.05	156.0	ng/ul	13879500	1	7.81	1779230	20.0
unknown-01	15.24	3.4	ng/ul	557268	3	14.45	3304160	20.0
Dibenzofuran, 4-m...	15.79	3.7	ng/ul	612852	3	14.45	3304160	20.0
6H-Dibenzo[b,d]-p...	15.94	3.5	ng/ul	653063	4	17.19	3707450	20.0
2,2-Dimethyl-1-ac...	16.73	3.3	ng/ul	613173	4	17.19	3707450	20.0
9H-Fluoren-9-one	16.85	4.9	ng/ul	903217	4	17.19	3707450	20.0
Naphtho[2,3-b]thi...	17.02	4.4	ng/ul	815086	4	17.19	3707450	20.0
13-Borabicyclo[7....	17.97	3.5	ng/ul	658193	4	17.19	3707450	20.0
Phenanthrene, 2-m...	18.07	13.5	ng/ul	2503320	4	17.19	3707450	20.0
n-Hexadecanoic acid	18.09	21.0	ng/ul	3893370	4	17.19	3707450	20.0
Phenanthrene, 1-m...	18.12	18.4	ng/ul	3408760	4	17.19	3707450	20.0
4H-Cyclopenta[def...	18.26	25.1	ng/ul	4659900	4	17.19	3707450	20.0
1H-Cyclopropa[l]p...	18.30	9.3	ng/ul	1716250	4	17.19	3707450	20.0
(DEL) Alkane: Str...	18.38	3.3	ng/ul	613026	4	17.19	3707450	20.0
2-Phenylnaphthalene	18.57	10.3	ng/ul	1900940	4	17.19	3707450	20.0
9,10-Anthracenedione	18.62	10.4	ng/ul	1929200	4	17.19	3707450	20.0
Anthracene, 2-ethyl-	18.82	5.1	ng/ul	946719	4	17.19	3707450	20.0
di-p-Tolylacetylene	18.86	3.7	ng/ul	684967	4	17.19	3707450	20.0
Phenanthrene, 2,5...	18.90	3.5	ng/ul	648094	4	17.19	3707450	20.0
9,10-Dimethylanth...	18.99	14.2	ng/ul	2637080	4	17.19	3707450	20.0
9,10-Bis(bromomet...	19.05	6.6	ng/ul	1231150	4	17.19	3707450	20.0
Cyclopenta(def)ph...	19.13	11.3	ng/ul	2091940	4	17.19	3707450	20.0
Pyrene, 1-methyl-	19.93	3.4	ng/ul	3673600	5	21.37	21507500	20.0
11H-Benzo[b]fluorene	20.10	3.2	ng/ul	3457060	5	21.37	21507500	20.0
11H-Benzo[a]fluor...	20.85	2.9	ng/ul	3067980	5	21.37	21507500	20.0
Benzo[b]naphtho[2...	21.02	3.1	ng/ul	3313570	5	21.37	21507500	20.0
Benzo[c]phenanthrene	21.06	2.5	ng/ul	2711560	5	21.37	21507500	20.0
(DEL) Alkane: Cyc...	21.08	5.2	ng/ul	5552820	5	21.37	21507500	20.0
Cyclopenta(cd)pyr...	21.53	2.1	ng/ul	2298530	5	21.37	21507500	20.0
11H-Benzo[a]carba...	21.69	2.4	ng/ul	2563220	5	21.37	21507500	20.0
(DEL) Alkane: Str...	24.20	19.2	ng/ul	4111420	6	23.66	4290810	20.0