LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020804.D
Acq On : 07 Jun 2019 15:13
Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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	17	rBV	6163589	6994491	72.28%	3.969%
2	6.975	669	678	694	rVB	1099519	1815232	18.76%	1.030%
3	7.152	699	708	724	rVV	910241	1486589	15.36%	0.844%
4	7.340	734	740	750	rVV	1219211	1981284	20.47%	1.124%
5	7.810	810	820	826	rBV	995864	1611675	16.65%	0.915%
6	8.510	932	939	947	rBV	1252676	1978758	20.45%	1.123%
7	8.975	1009	1018	1024	rBV	1116521	1901246	19.65%	1.079%
8	9.687	1131	1139	1148	rBV	955167	1623749	16.78%	0.921%
9	10.222	1223	1230	1241	rVB	1610141	2627284	27.15%	1.491%
10	10.604	1284	1295	1301	rBV	1277663	2267248	23.43%	1.287%
11	10.740	1311	1318	1340	rBV	1060434	1953265	20.18%	1.108%
12	12.263	1572	1577	1585	rVB	60536	106025	1.10%	0.060%
13	13.769	1828	1833	1838	rVV	102445	180873	1.87%	0.103%
14	13.863	1843	1849	1853	rVV	2684915	3857554	39.86%	2.189%
15	13.910	1853	1857	1864	rVV	1224001	1681237	17.37%	0.954%
16	14.145	1890	1897	1910	rVB	3052668	5006080	51.73%	2.841%
17	14.451	1939	1949	1955	rBV2	1927352	2966412	30.65%	1.683%
18	14.510	1955	1959	1967	rVB	157641	274639	2.84%	0.156%
19	14.645	1976	1982	1993	rBV	899943	1343092	13.88%	0.762%
20	14.845	2012	2016	2025	rVV	160973	296526	3.06%	0.168%
21	15.063	2048	2053	2058	rBV	64949	113294	1.17%	0.064%
22	15.239	2077	2083	2086	rBV4	81992	146426	1.51%	0.083%
23	15.445	2111	2118	2123	rVV	3923828	5603223	57.90%	3.180%
24	15.498	2123	2127	2131	rVB2	170455	243288	2.51%	0.138%
25	15.563	2133	2138	2145	rBV	531383	705630	7.29%	0.400%
26	15.792	2172	2177	2185	rVB	131661	220524	2.28%	0.125%
27	15.939	2195	2202	2209	rVB	112692	232345	2.40%	0.132%
28	16.175	2233	2242	2247	rVV7	151781	391810	4.05%	0.222%
29	16.504	2295	2298	2302	rVB3	89043	128214	1.32%	0.073%
30	16.727	2328	2336	2340	rBV4	133680	281297	2.91%	0.160%
31	16.769	2340	2343	2346	rVV2	101362	131061	1.35%	0.074%
32	16.851	2352	2357	2364	rVB2	227618	358042	3.70%	0.203%
33	16.927	2364	2370	2371	rBV2	116529	171268	1.77%	0.097%
34	16.945	2371	2373	2380	rVV3	128301	183380	1.90%	0.104%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : C0AC3

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

35	17.016	2380	2385	2393	rVB	163119	291856	3.02%	0.166%
36	17.086	2393	2397	2404	rBV6	64799	113020	1.17%	0.064%
37	17.198	2410	2416	2419	rBV2	2296427	3325225	34.36%	1.887%
38	17.239	2419	2423	2428	rVV	3146018	4327620	44.72%	2.456%
39	17.298	2428	2433	2437	rVV2	3937836	6028222	62.29%	3.421%
40	17.327	2437	2438	2443	rVV	578012	527016	5.45%	0.299%
41	17.386	2443	2448	2453	rVB3	95132	188931	1.95%	0.107%
42	17.598	2476	2484	2495	rBV3	251960	597713	6.18%	0.339%
43	17.716	2501	2504	2510	rVV2	104468	152287	1.57%	0.086%
44	17.774	2510	2514	2521	rVB4	133484	203981	2.11%	0.116%
45	18.086	2559	2567	2570	rVV2	1577175	3014265	31.15%	1.711%
46	18.116	2570	2572	2578	rVV	1128245	1447310	14.96%	0.821%
47	18.198	2582	2586	2591	rVV	310322	463722	4.79%	0.263%
48	18.263	2591	2597	2601	rVV2	897258	1717658	17.75%	0.975%
49	18.304	2601	2604	2609	rVB2	500988	676473	6.99%	0.384%
50	18.380	2613	2617	2621	rVV3	215556	298258	3.08%	0.169%
51	18.421	2621	2624	2627	rVV4	106397	152240	1.57%	0.086%
52	18.463	2628	2631	2635	rVB3	87925	138520	1.43%	0.079%
53	18.574	2645	2650	2653	rBV	494676	676328	6.99%	0.384%
54	18.616	2653	2657	2667	rVB	544131	754071	7.79%	0.428%
55	18.692	2667	2670	2677	rVB2	90948	133794	1.38%	0.076%
56	18.816	2688	2691	2695	rVV2	273483	369296	3.82%	0.210%
57	18.863	2696	2699	2703	rVV	222856	310337	3.21%	0.176%
58	18.904	2703	2706	2710	rVB	183686	238434	2.46%	0.135%
59	18.986	2715	2720	2726	rBV	613016	1181099	12.21%	0.670%
60	19.080	2734	2736	2740	rVB	217236	217086	2.24%	0.123%
61	19.133	2740	2745	2753	rVB2	461277	803897	8.31%	0.456%
62	19.257	2760	2766	2772	rVB	6813515	9165024	94.71%	5.201%
63	19.316	2773	2776	2779	rBV	150460	175555	1.81%	0.100%
64	19.363	2779	2784	2788	rBV3	636100	999954	10.33%	0.567%
65	19.451	2796	2799	2802	rBV2	151449	191060	1.97%	0.108%
66	19.498	2804	2807	2810	rVB	156766	180849	1.87%	0.103%
67	19.592	2817	2823	2825	rBV2	5461235	8254760	85.30%	4.684%
68	19.621	2825	2828	2835	rVV	6243549	8004605	82.72%	4.542%
69	19.686	2835	2839	2846	rVB2	455916	741803	7.67%	0.421%
70	19.798	2854	2858	2863	rVB	333779	445048	4.60%	0.253%
71	19.857	2864	2868	2872	rBV3	230403	356883	3.69%	0.203%

LSC Area Percent Report

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Sample : K3201-12
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC3

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

72	19.939	2877	2882	2883	rBV	568657	835523	8.63%	0.474%
73	20.074	2900	2905	2907	rBV5	451644	796700	8.23%	0.452%
74	20.110	2908	2911	2917	rVB2	877504	1374755	14.21%	0.780%
75	20.210	2925	2928	2932	rBV	385890	495898	5.12%	0.281%
76	20.268	2932	2938	2942	rVV2	784733	1366298	14.12%	0.775%
77	20.310	2942	2945	2948	rVB2	242388	270615	2.80%	0.154%
78	20.410	2958	2962	2966	rBV	567493	781065	8.07%	0.443%
79	20.457	2966	2970	2973	rVV	522594	704231	7.28%	0.400%
80	20.621	2996	2998	3002	rVB2	325257	335745	3.47%	0.191%
81	20.857	3035	3038	3045	rVB	975043	1265777	13.08%	0.718%
82	21.027	3060	3067	3070	rBV2	670392	1346588	13.92%	0.764%
83	21.086	3070	3077	3085	rVV5	2119994	4518497	46.69%	2.564%
84	21.157	3085	3089	3100	rVB	913971	1432361	14.80%	0.813%
85	21.368	3120	3125	3130	rBV3	5066534	9676926	100.00%	5.491%
86	21.415	3130	3133	3143	rVB	3863960	5477790	56.61%	3.109%
87	21.527	3149	3152	3159	rBV2	727835	1035802	10.70%	0.588%
88	21.698	3178	3181	3185	rVB2	380533	521165	5.39%	0.296%
89	21.933	3219	3221	3225	rVB	624094	678515	7.01%	0.385%
90	21.968	3225	3227	3229	rBV	464258	518585	5.36%	0.294%
91	22.133	3253	3255	3259	rBV	314313	345033	3.57%	0.196%
92	22.439	3304	3307	3321	rVB4	1012310	2317836	23.95%	1.315%
93	22.980	3392	3399	3404	rBV2	3246050	8354276	86.33%	4.741%
94	23.151	3424	3428	3438	rVB	631160	1108159	11.45%	0.629%
95	23.468	3477	3482	3486	rBV	1610307	2900352	29.97%	1.646%
96	23.521	3486	3491	3496	rVV2	3173098	6812420	70.40%	3.866%
97	23.568	3496	3499	3507	rVB	2589713	4500499	46.51%	2.554%
98	23.668	3510	3516	3521	rBV	1737759	3355404	34.67%	1.904%
99	24.209	3604	3608	3616	rVB2	663259	1301642	13.45%	0.739%
100	25.980	3902	3909	3924	rVB2	1329433	4061118	41.97%	2.305%

Sum of corrected areas: 176216836

LSC Report - Integrated Chromatogram

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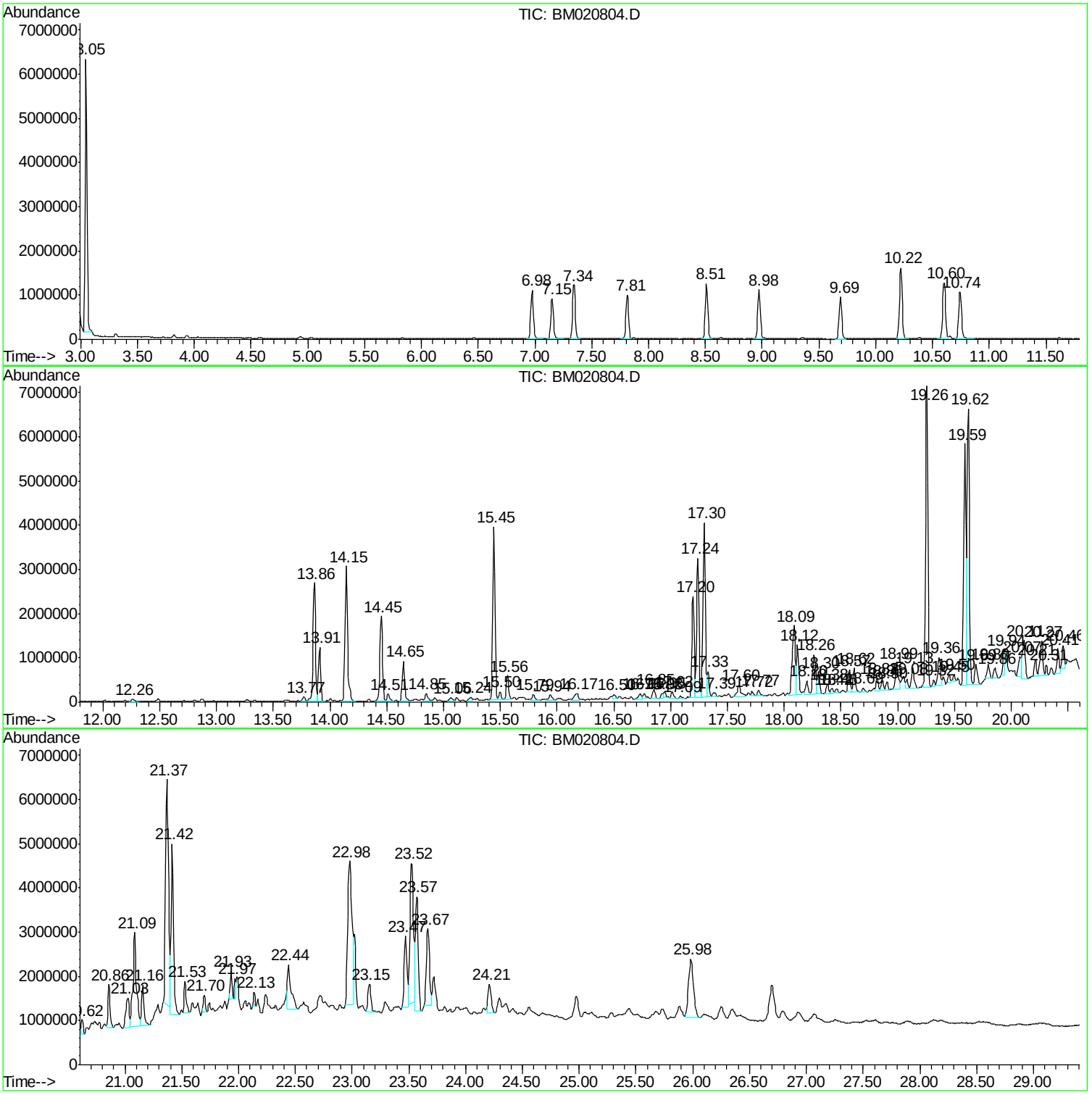
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020804.D
Acq On : 07 Jun 2019 15:13
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Instrument : BNA_M
ClientSampleId : C0AC3

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

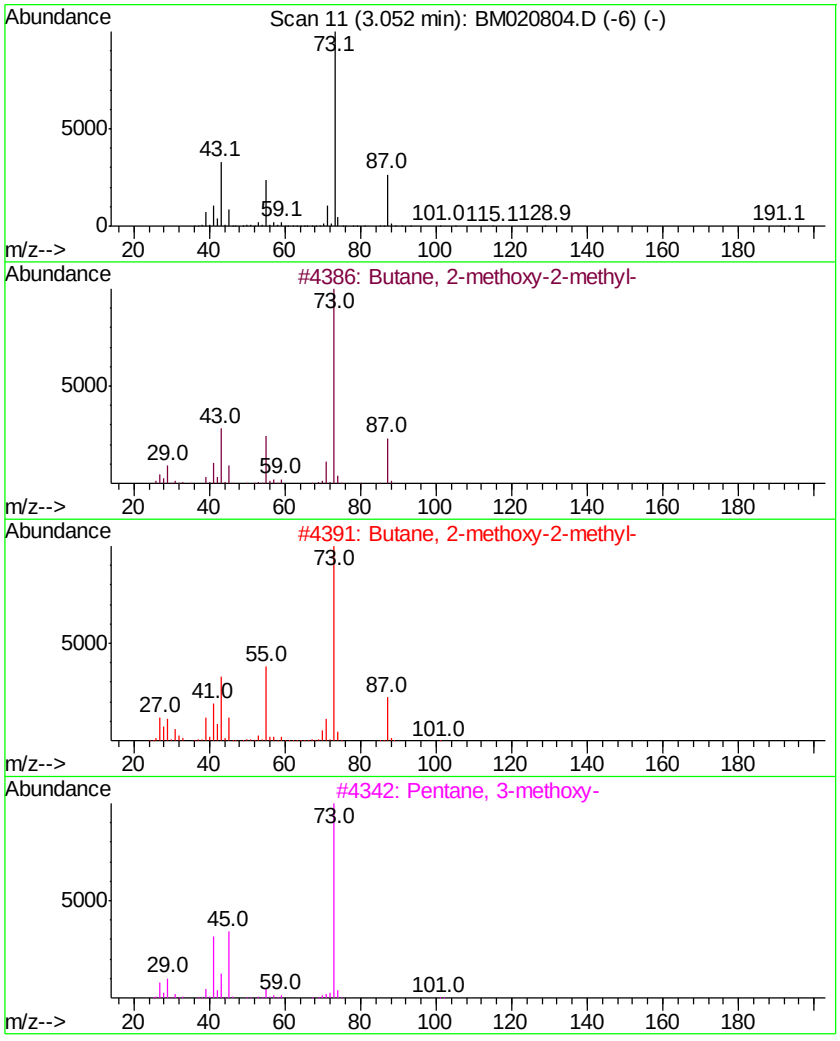
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

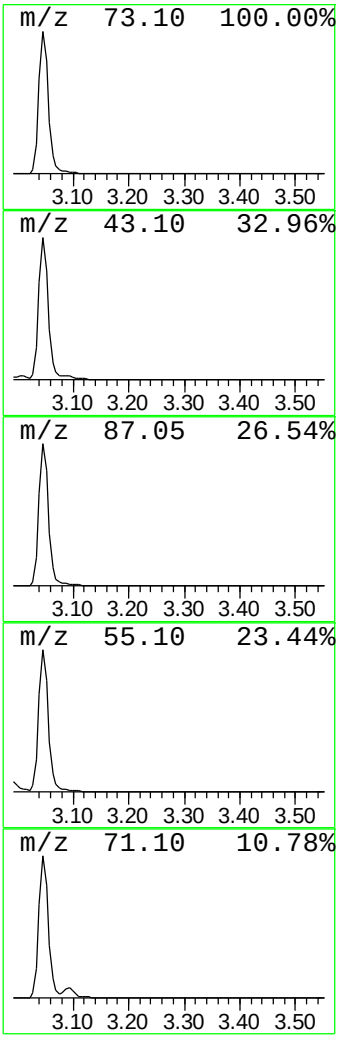
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	86.80 ng/ul	6994490	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AC3

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

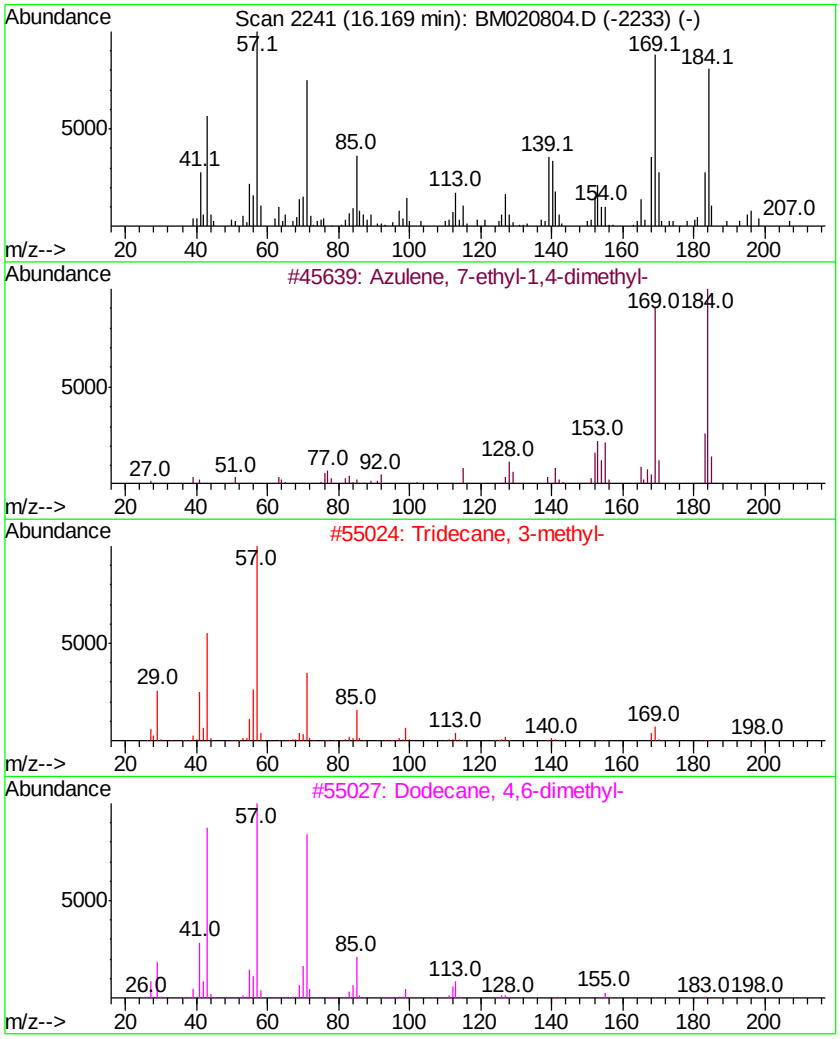
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

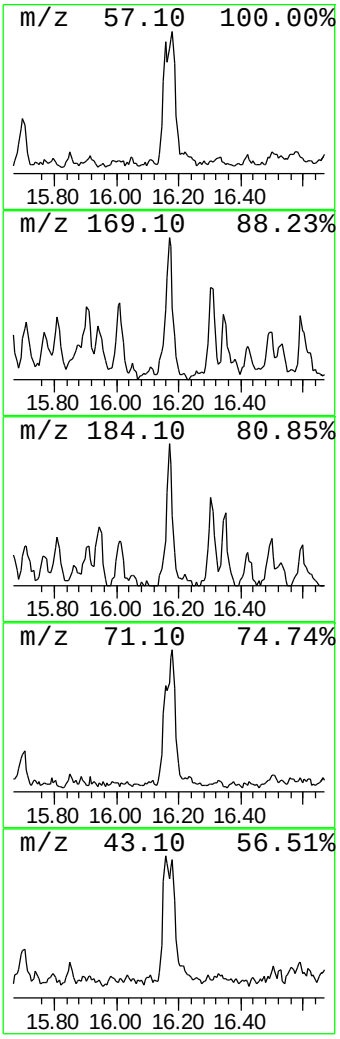
****

Peak Number 2 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.36 ng/ul	391810	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	47
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	45
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35
4	Dodecane	170	C12H26	000112-40-3	35
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35





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Quant Title : SVOA CALIBRATION

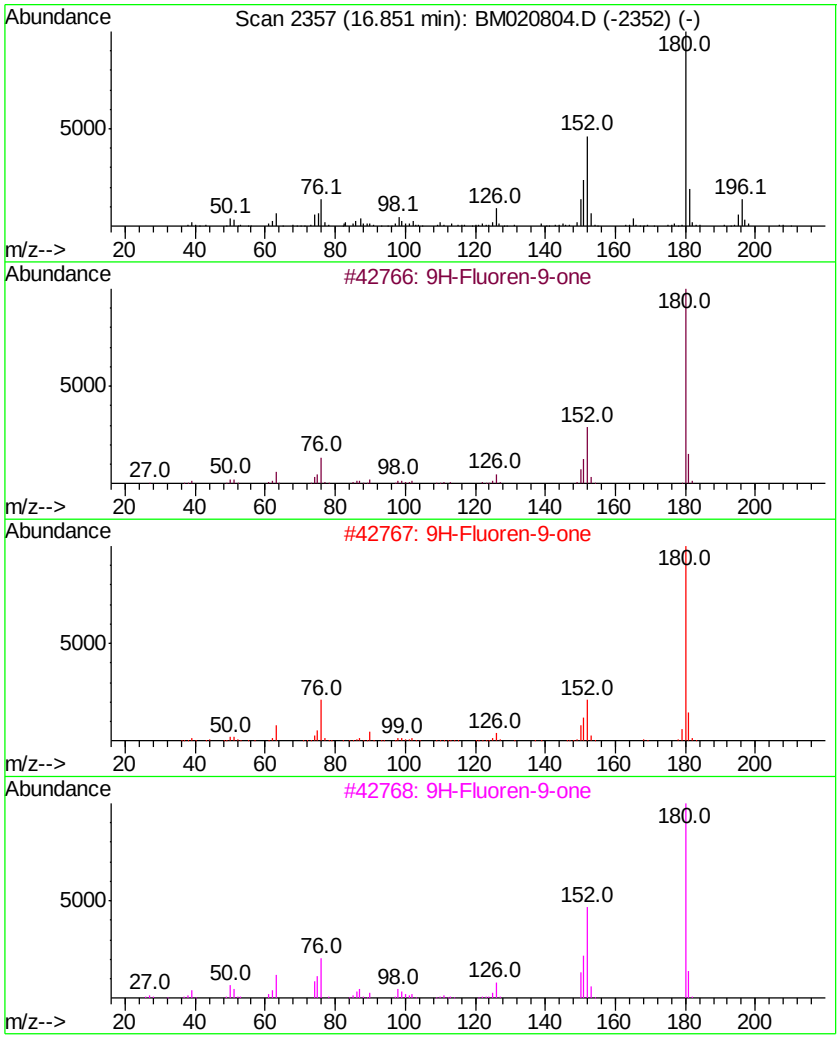
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

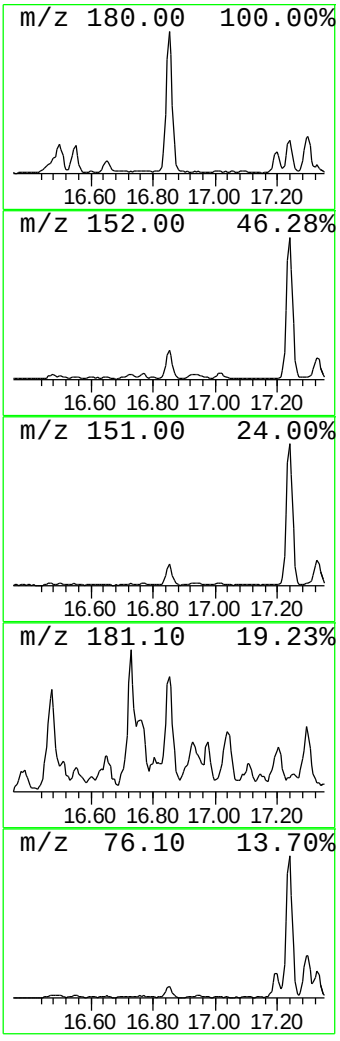
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.15 ng/ul	358042	Phenanthrene-d10	17.20

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	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	89





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Instrument : BNA_M
ClientSampleId : C0AC3

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

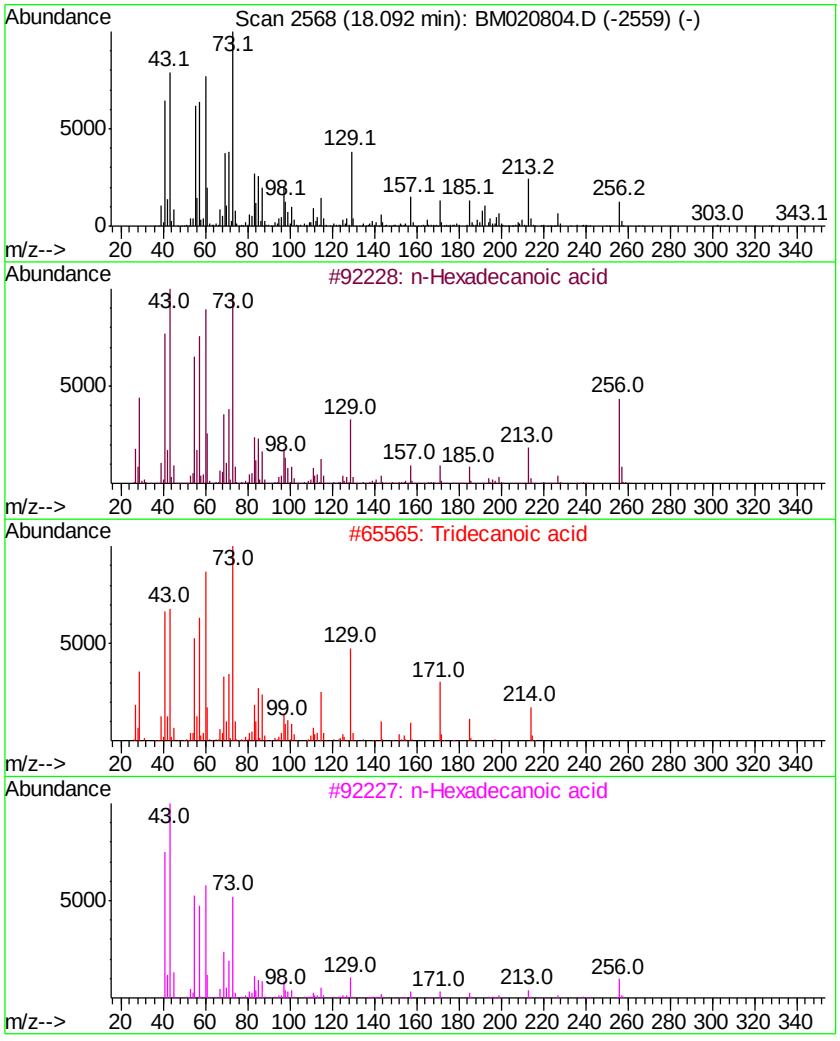
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

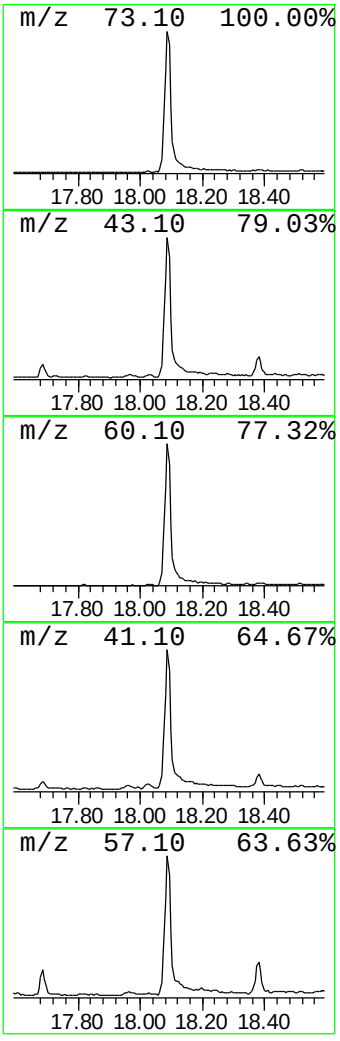
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	18.13 ng/ul	3014270	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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

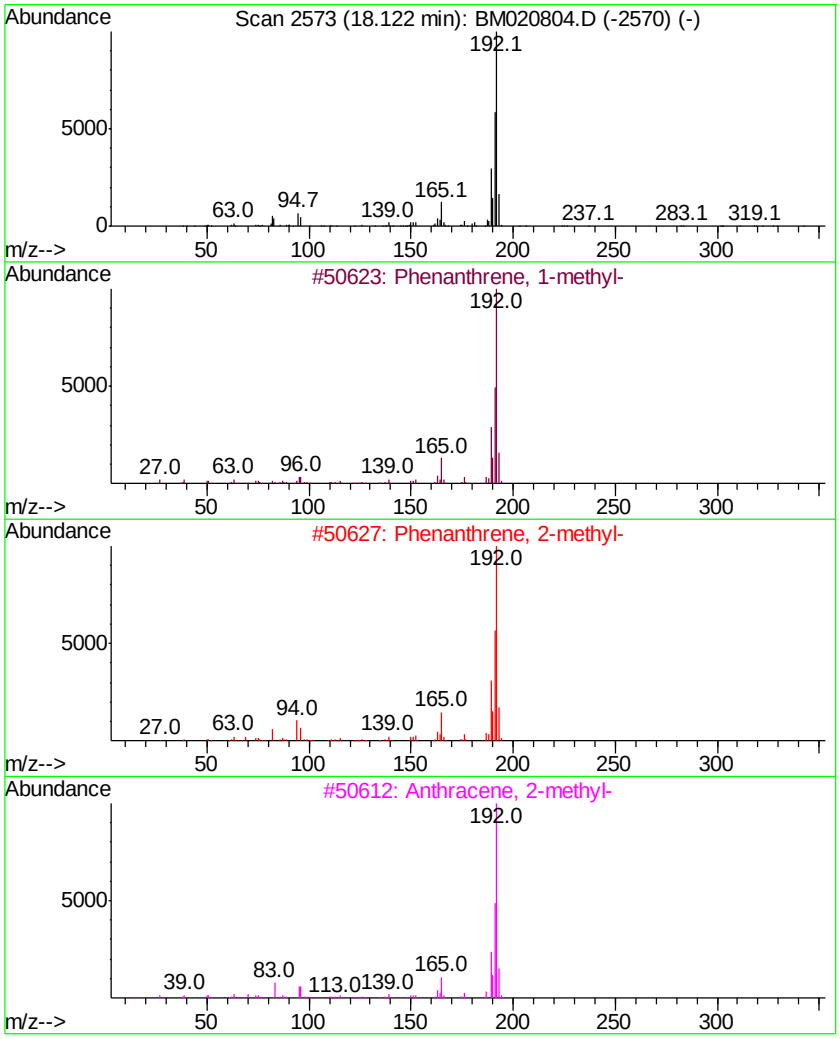
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

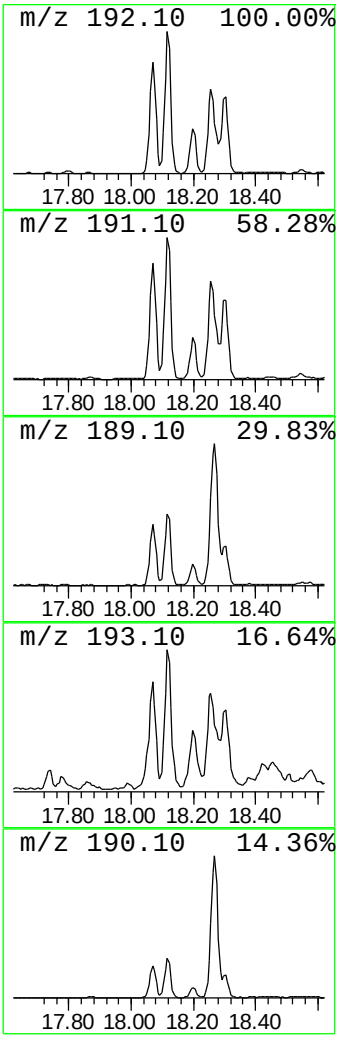
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	8.71 ng/ul	1447310	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





Library Search Compound Report

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Operator : HP/JU
Sample : K3201-12
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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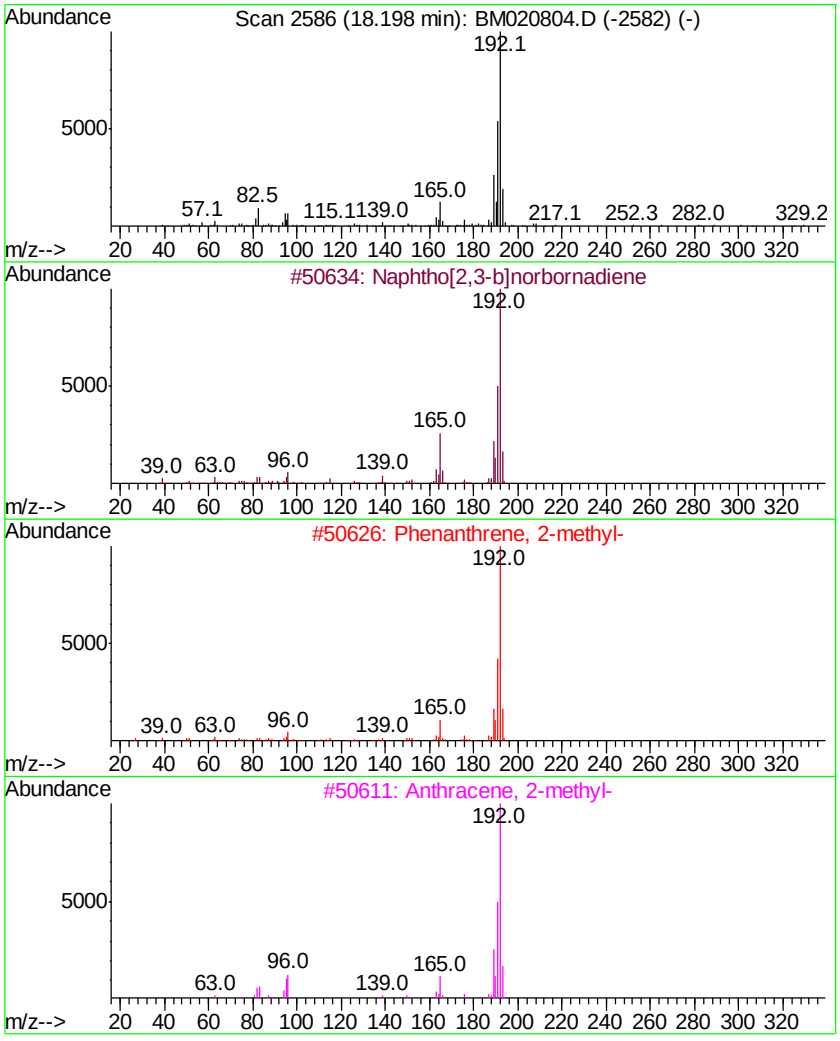
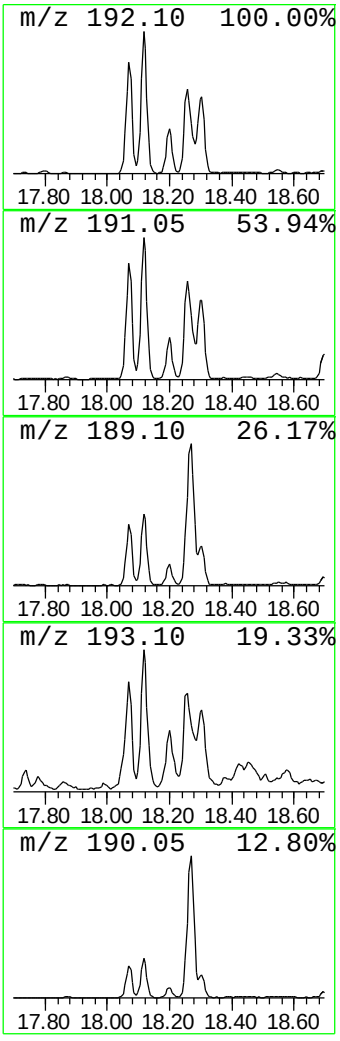
Peak Number 6 Naphtho[2,3-b]norbornadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.79 ng/ul	463722	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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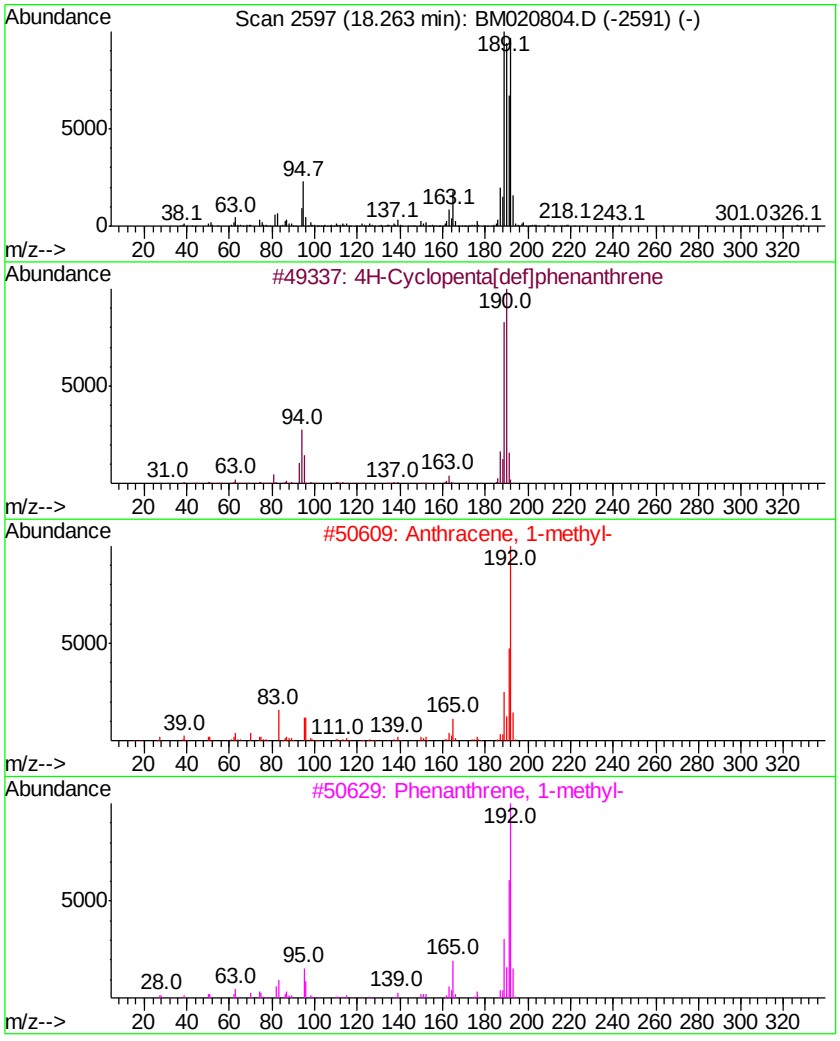
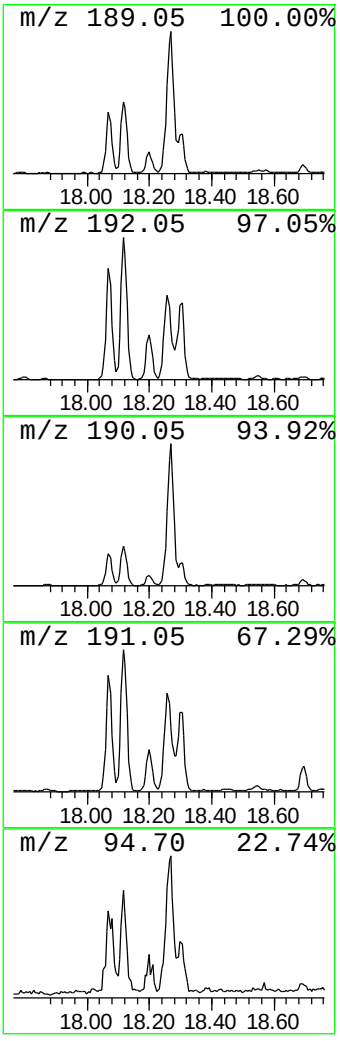
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	10.33 ng/ul	1717660	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46





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ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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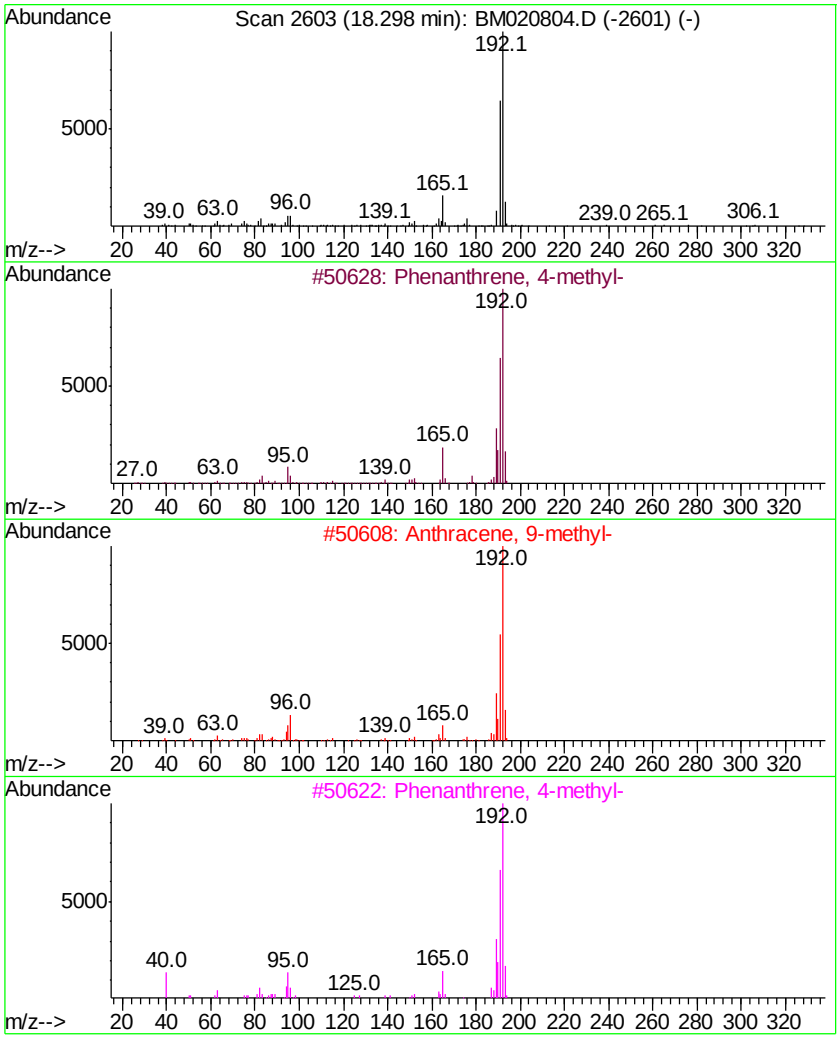
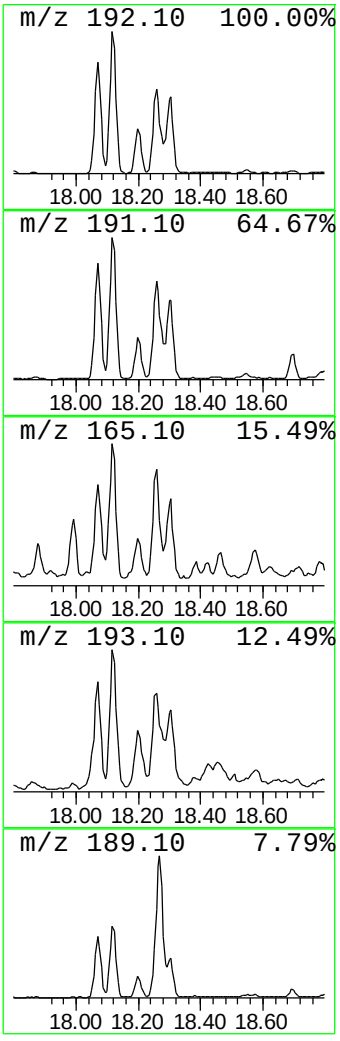
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.07 ng/ul	676473	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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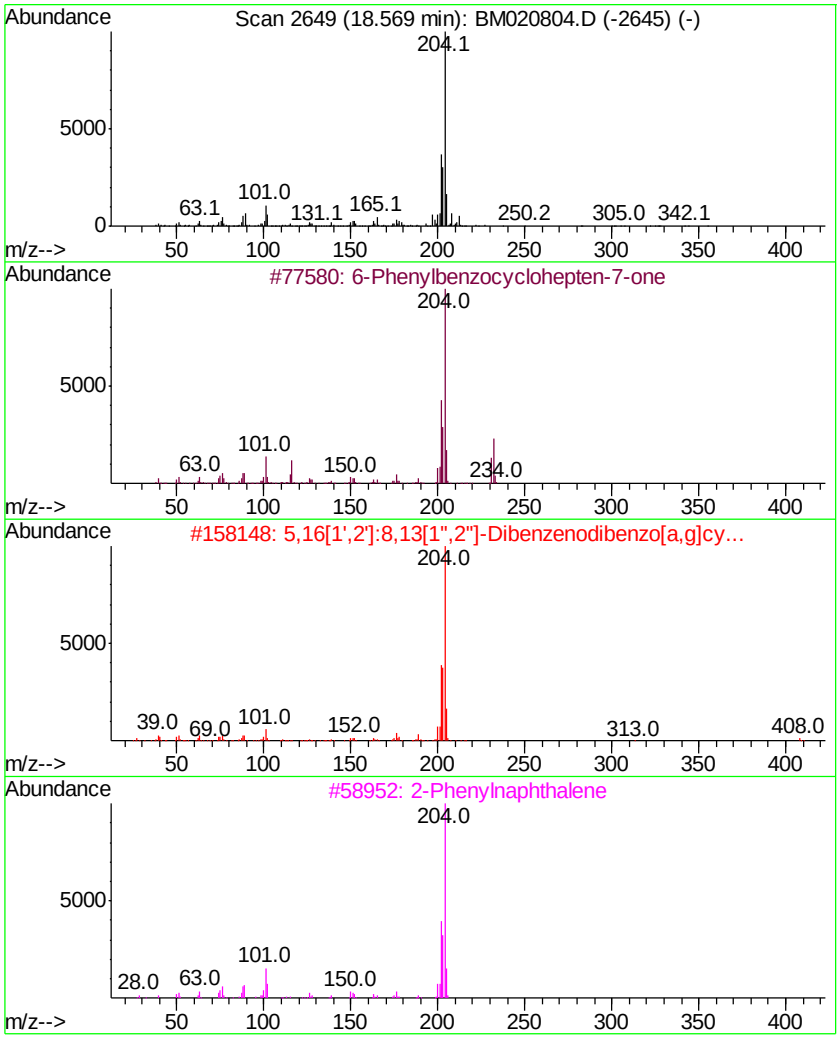
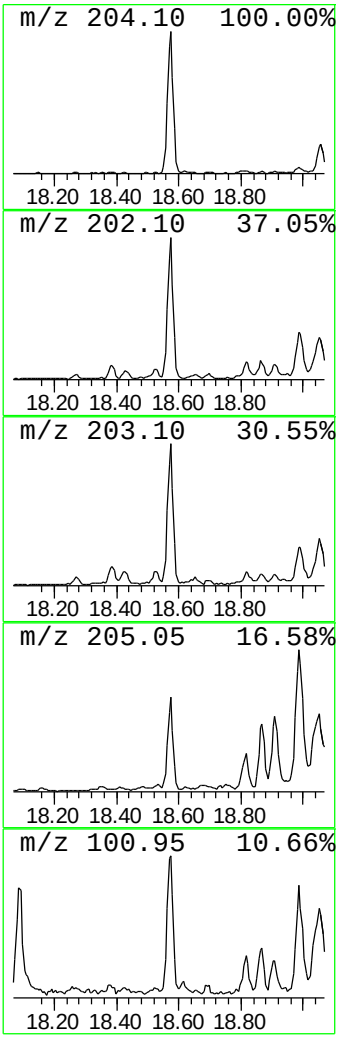
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.07 ng/ul	676328	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Quant Title : SVOA CALIBRATION

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

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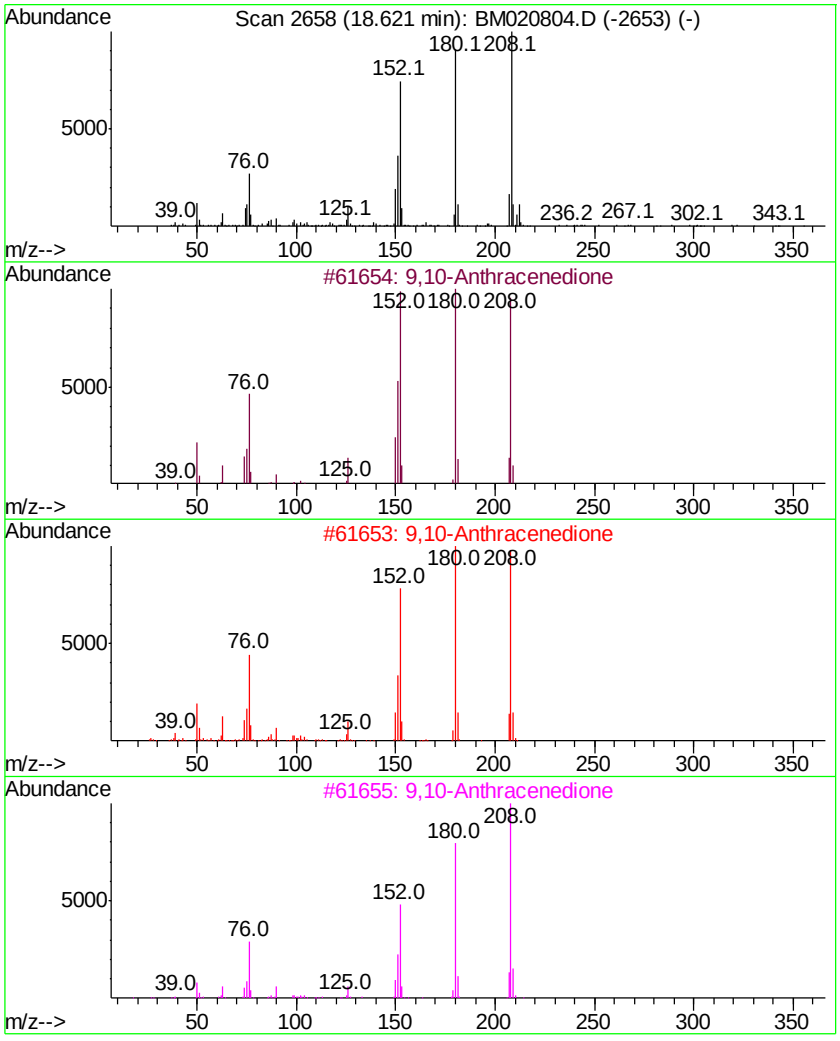
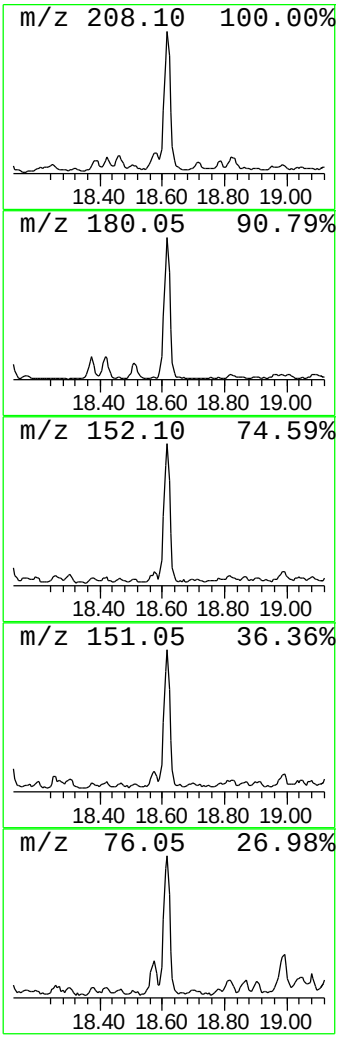
Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.54 ng/ul	754071	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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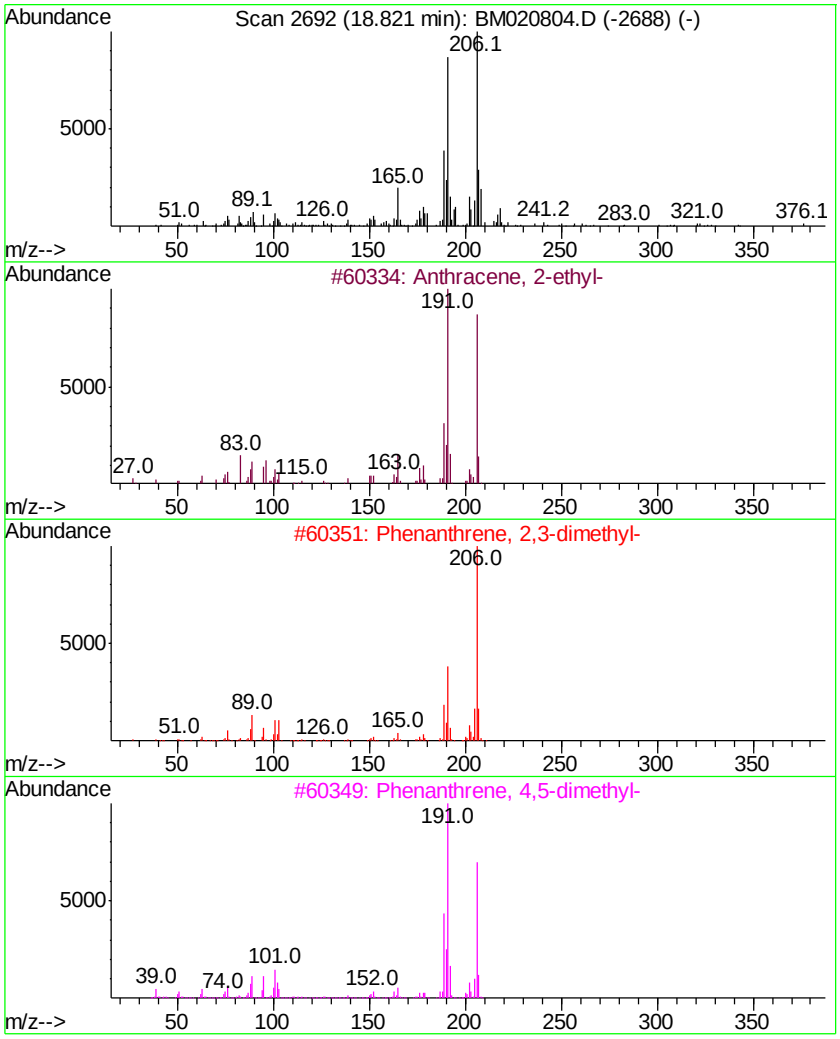
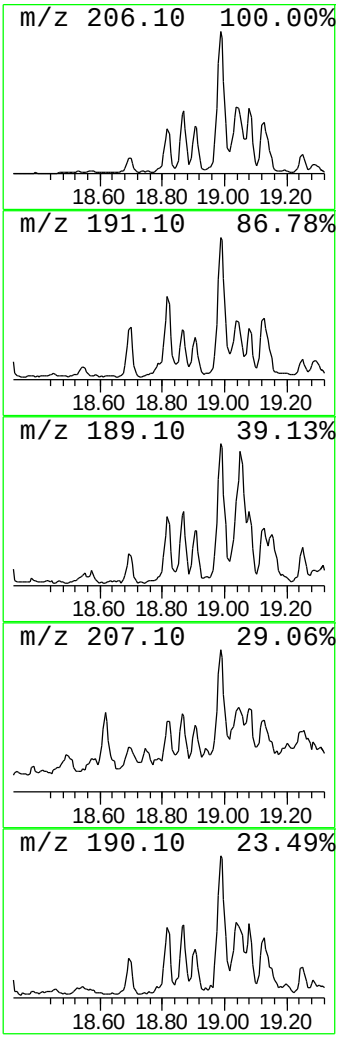
Peak Number 11 Anthracene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.22 ng/ul	369296	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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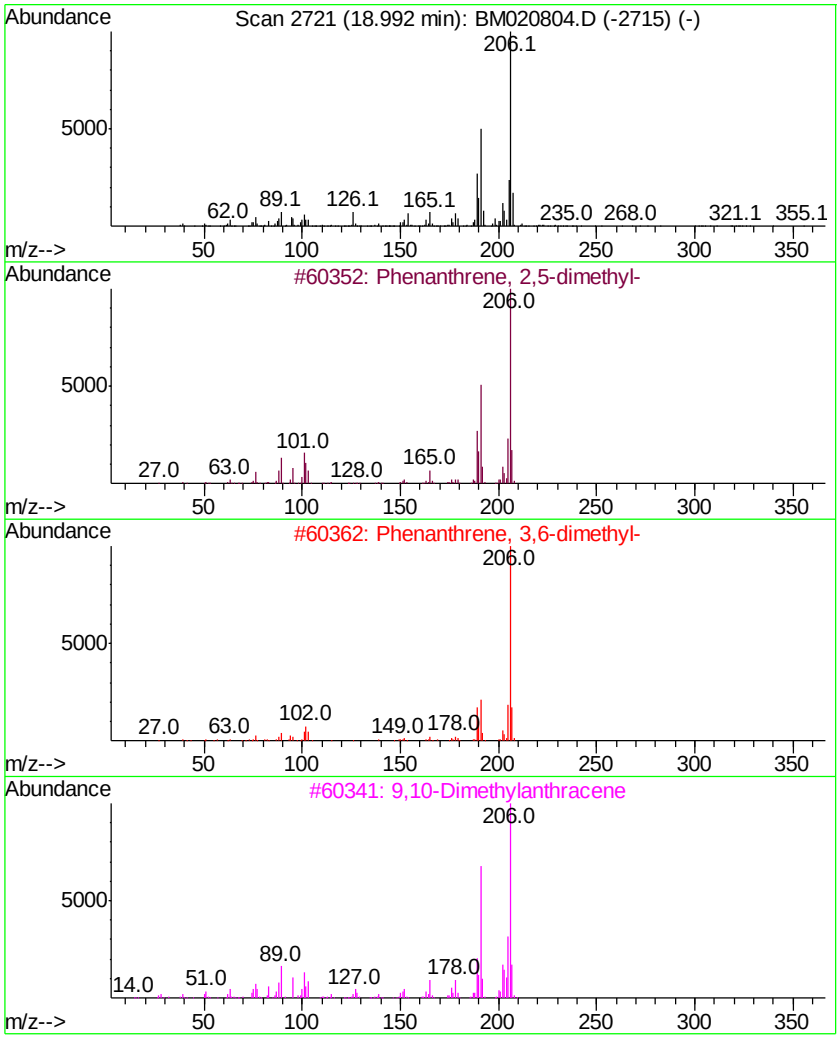
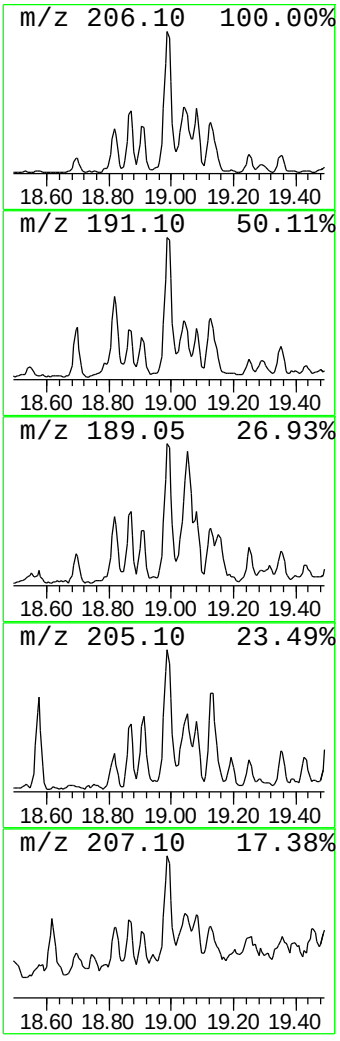
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	7.10 ng/ul	1181100	Phenanthrene-d10	17.20

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





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Quant Title : SVOA CALIBRATION

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

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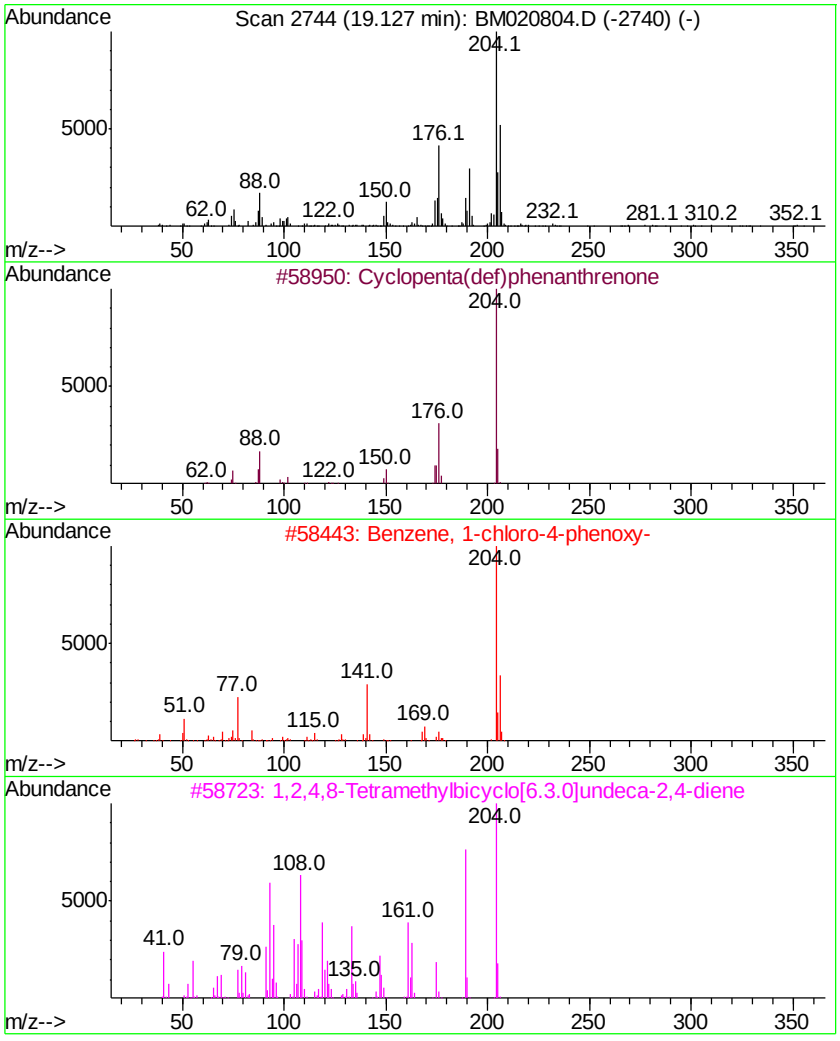
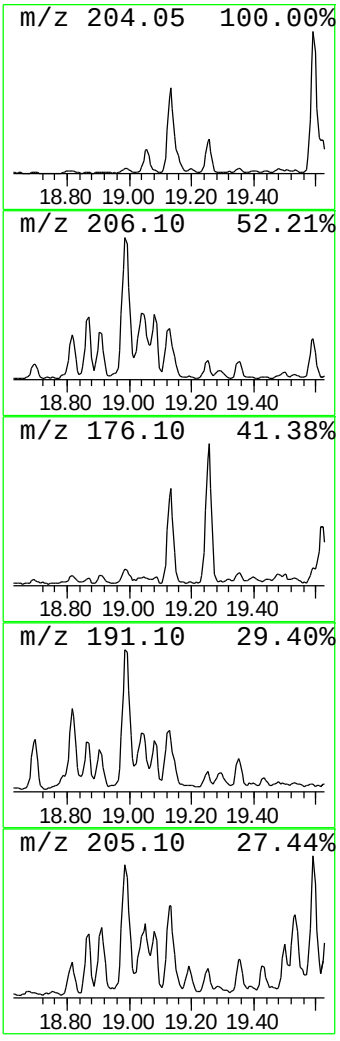
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.84 ng/ul	803897	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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Quant Title : SVOA CALIBRATION

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

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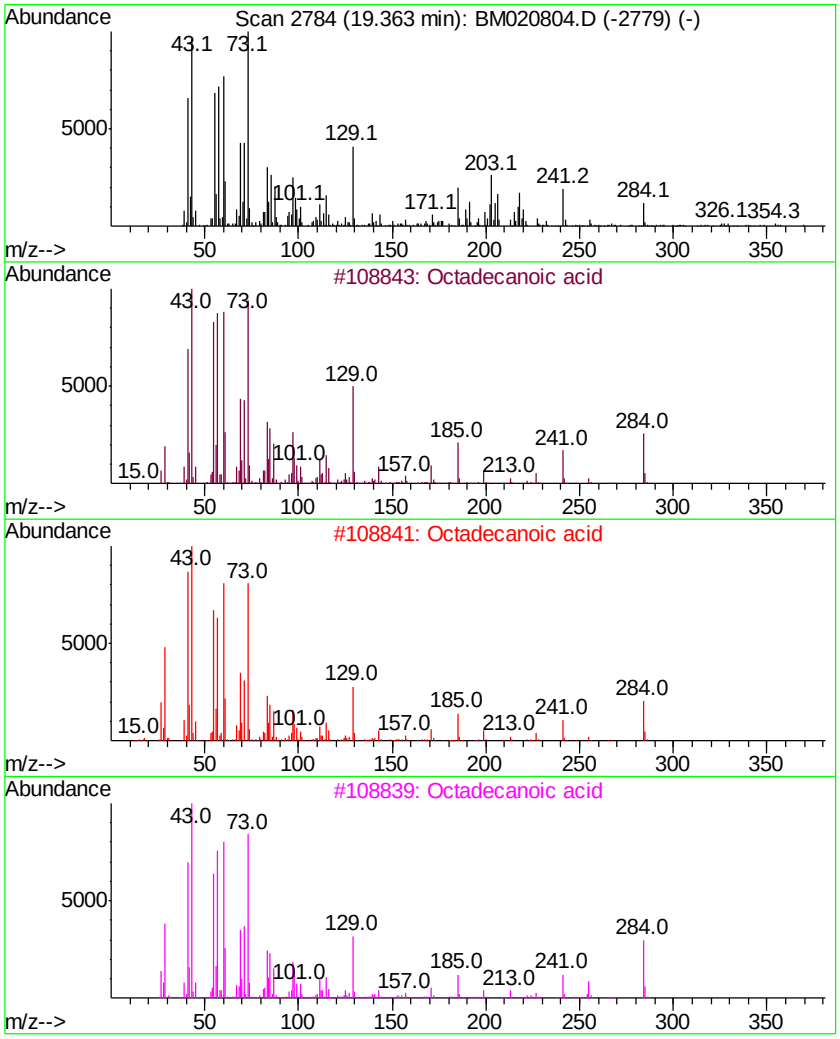
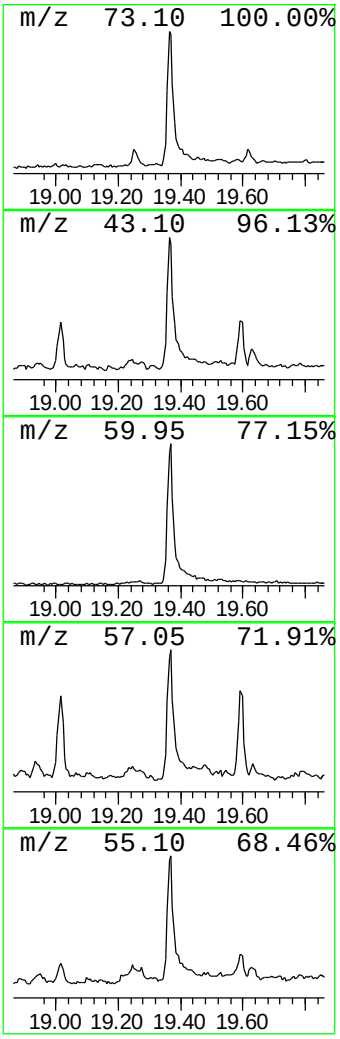
Peak Number 14 Octadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.07 ng/ul	999954	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74





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Quant Title : SVOA CALIBRATION

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

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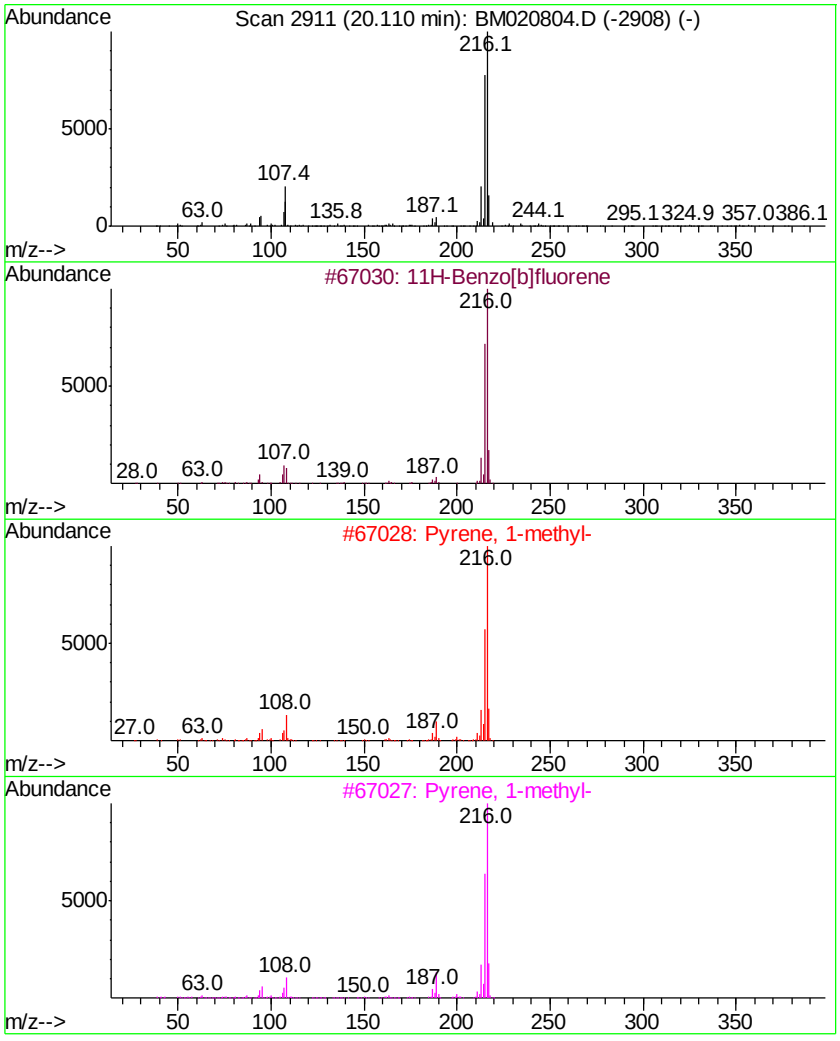
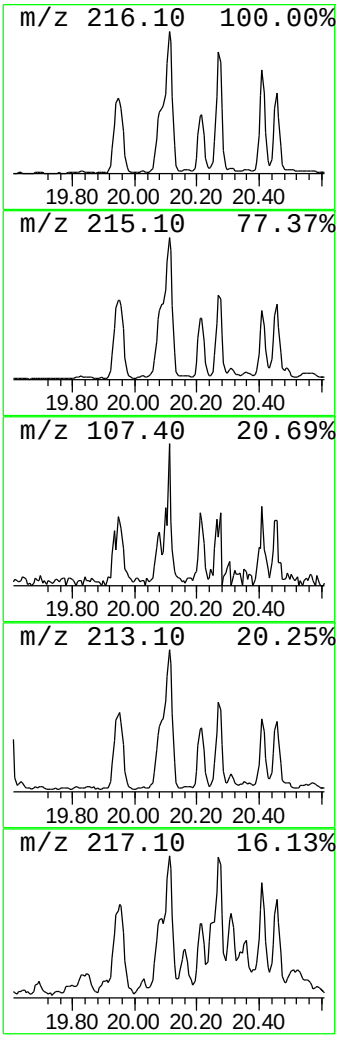
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.84 ng/ul	1374760	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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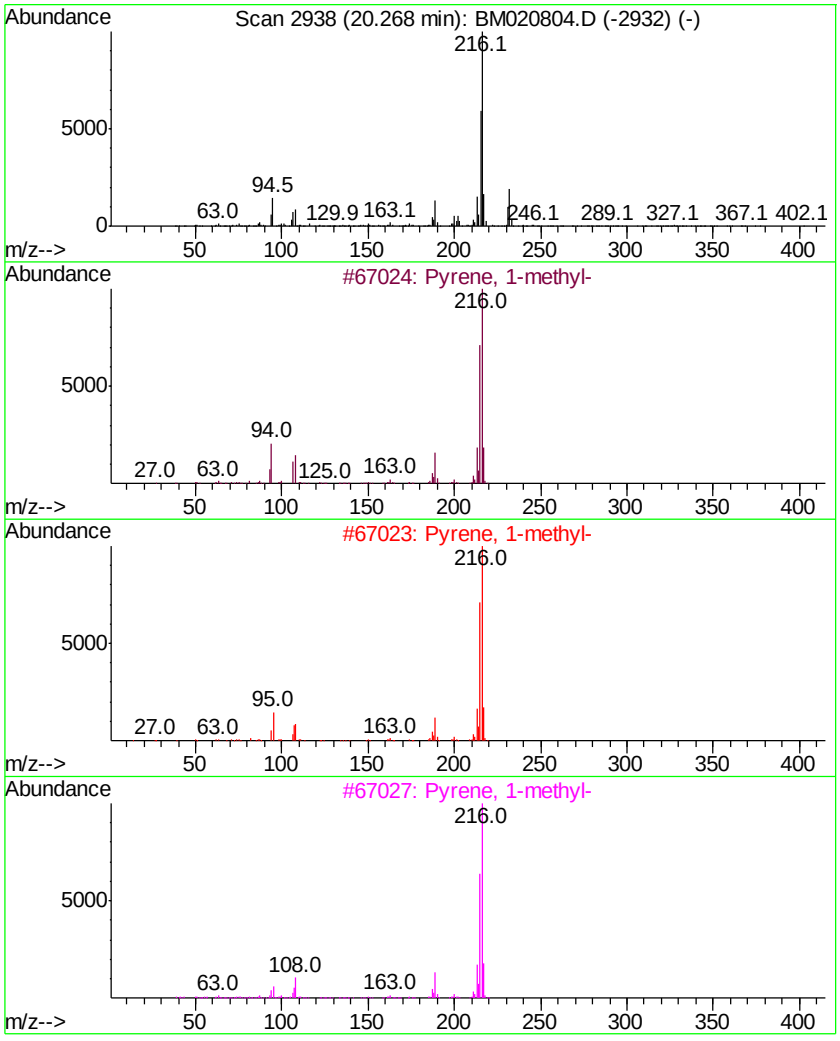
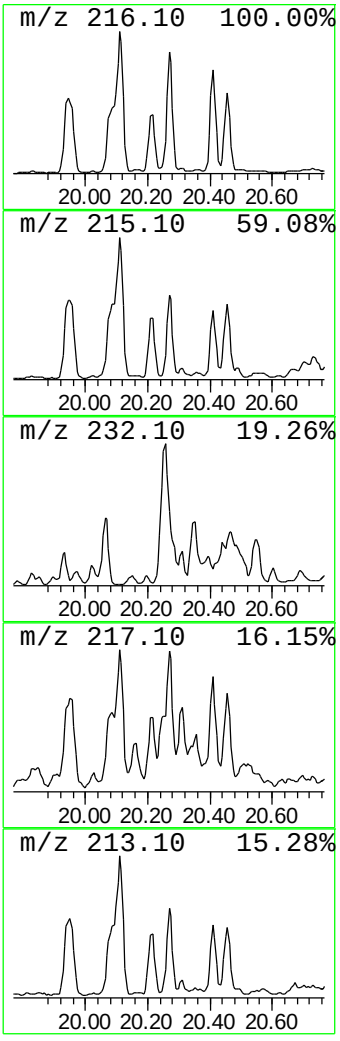
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.82 ng/ul	1366300	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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TIC Integration Parameters: LSCINT.P

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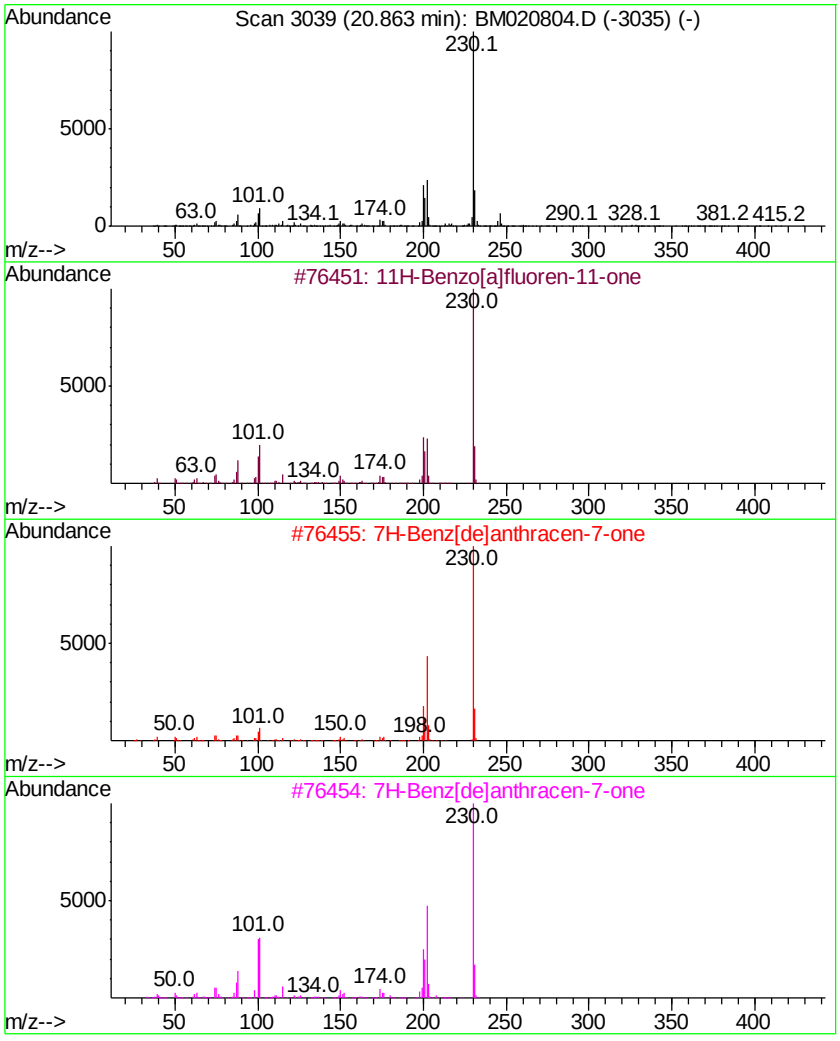
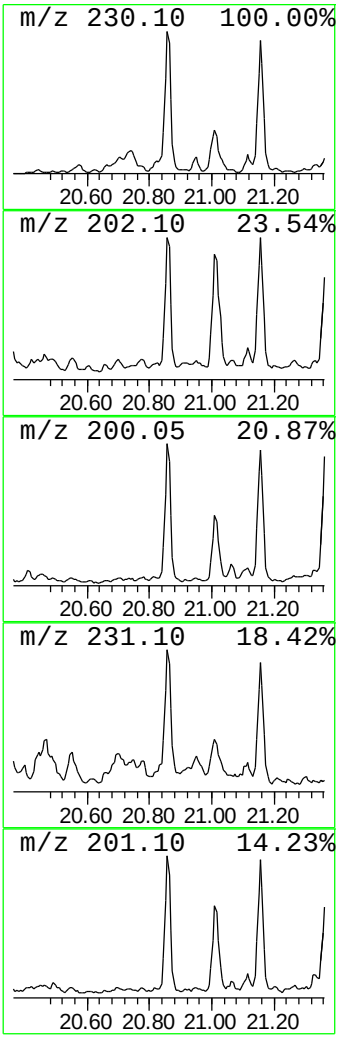
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.62 ng/ul	1265780	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
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	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Library Search Compound Report

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Data File : BM020804.D
Acq On : 07 Jun 2019 15:13
Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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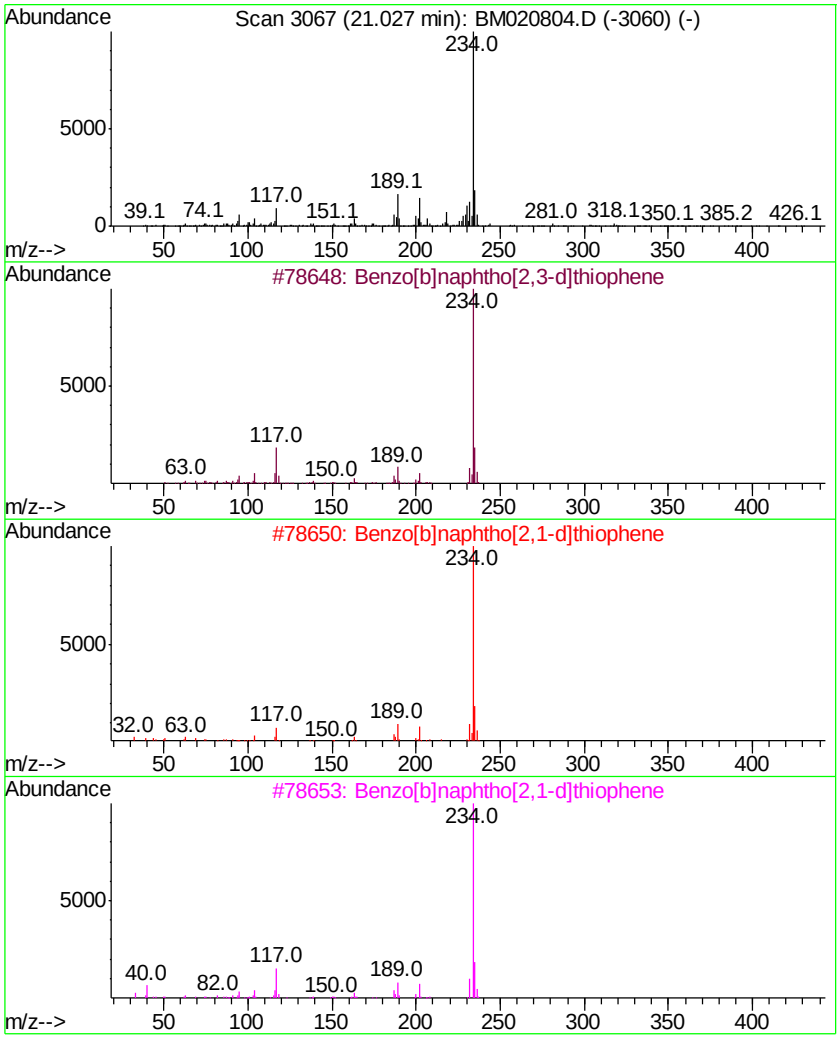
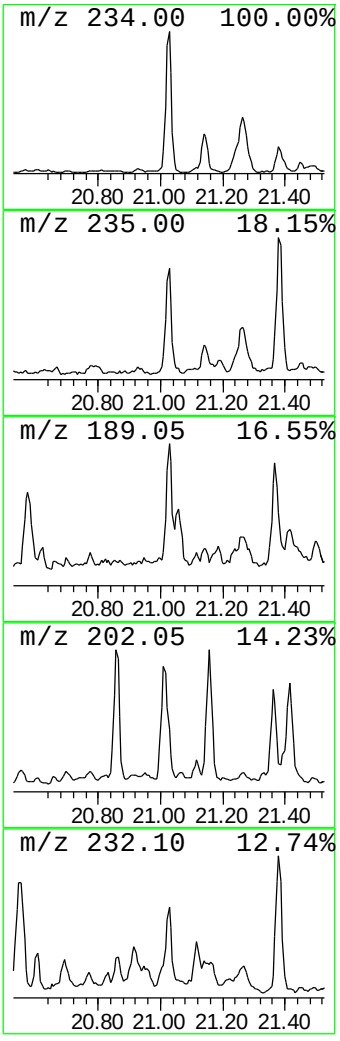
Peak Number 18 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.78 ng/ul	1346590	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
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	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Instrument : BNA_M
ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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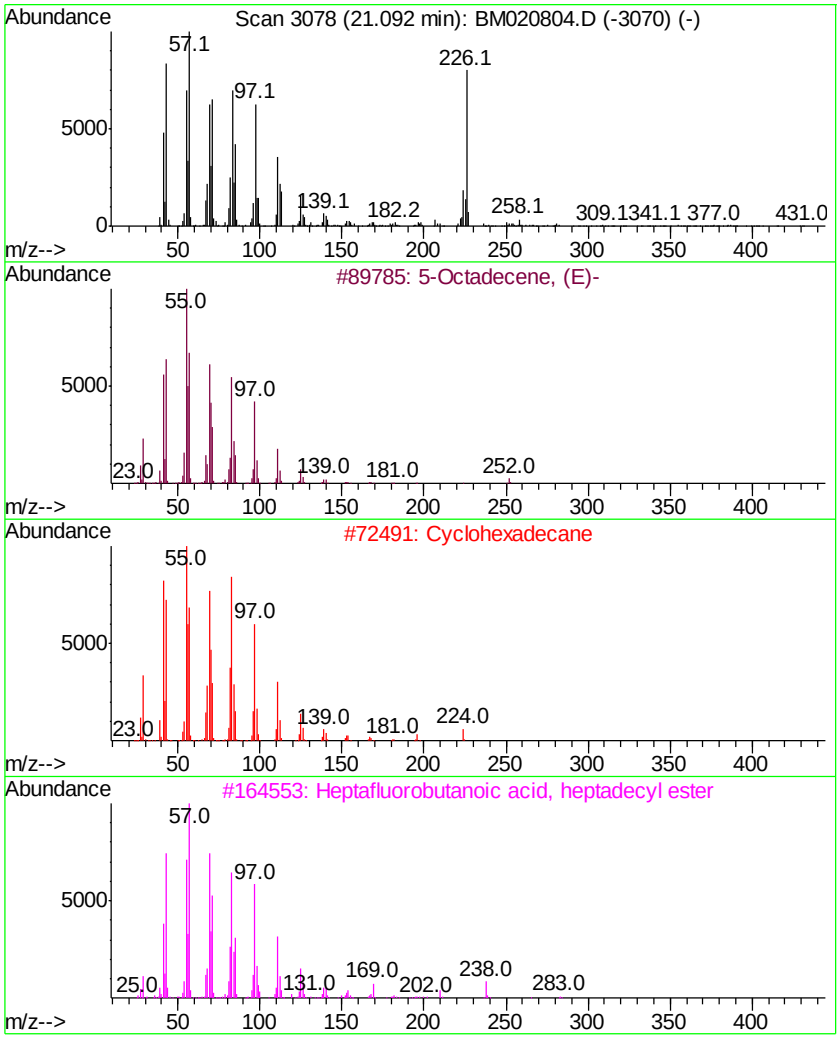
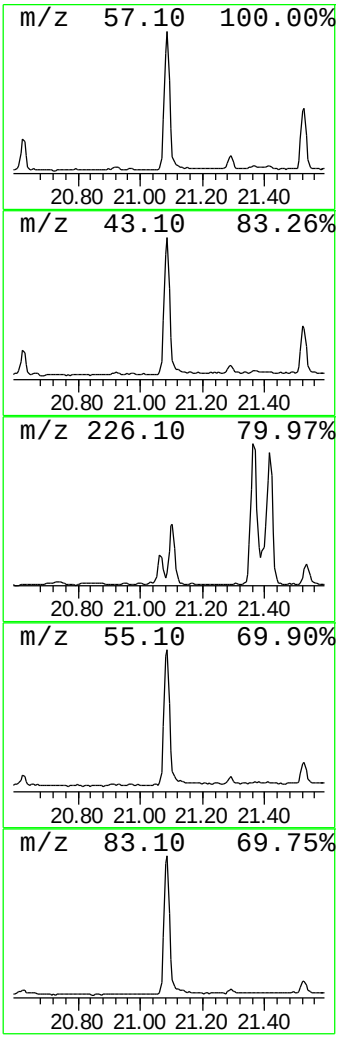
Peak Number 19 (DEL) Alkane: Cyclic21.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	9.34 ng/ul	4518500	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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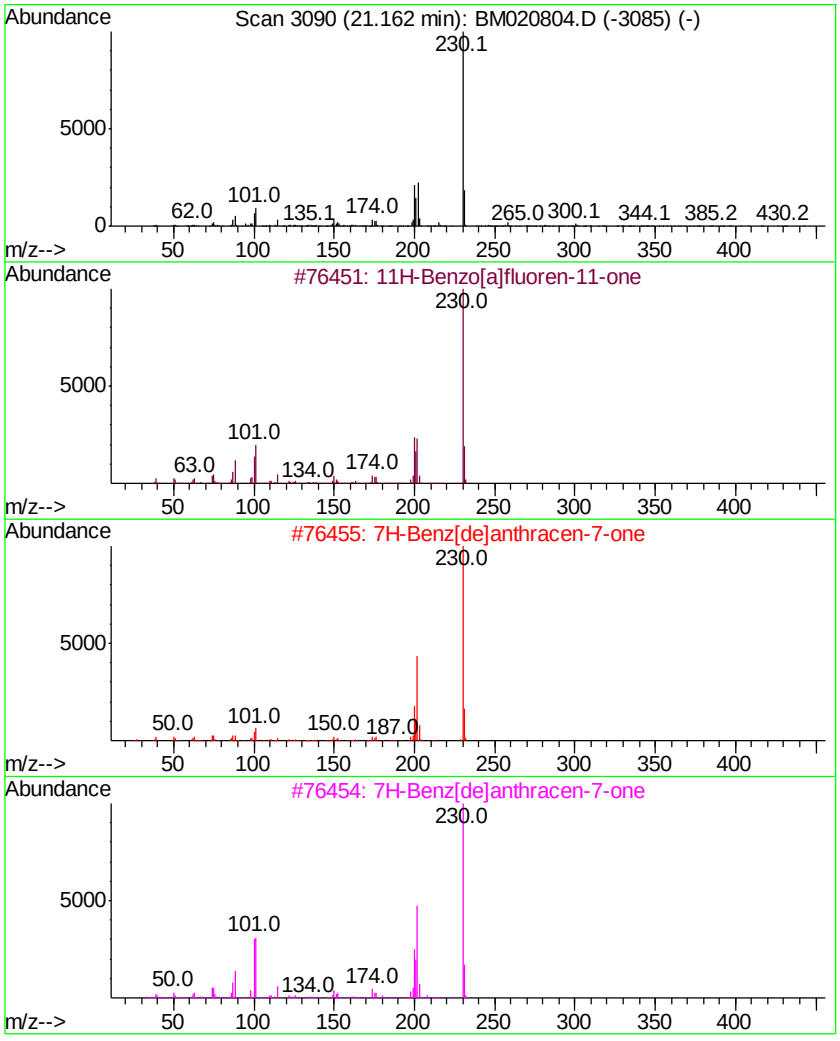
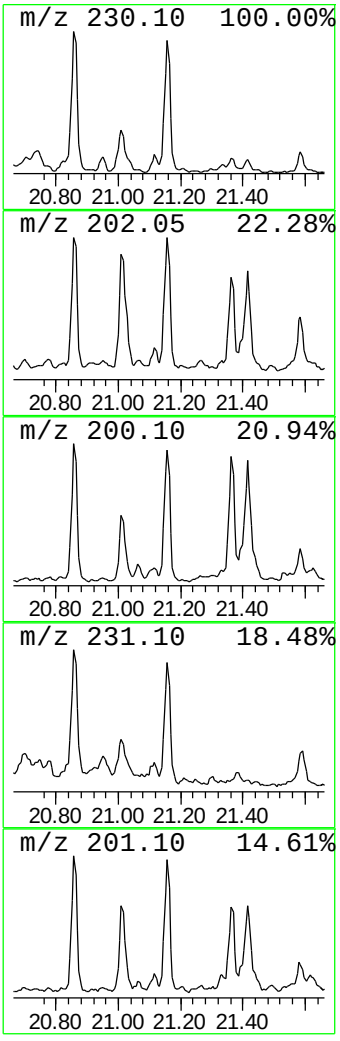
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.96 ng/ul	1432360	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62





Library Search Compound Report

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Data File : BM020804.D
Acq On : 07 Jun 2019 15:13
Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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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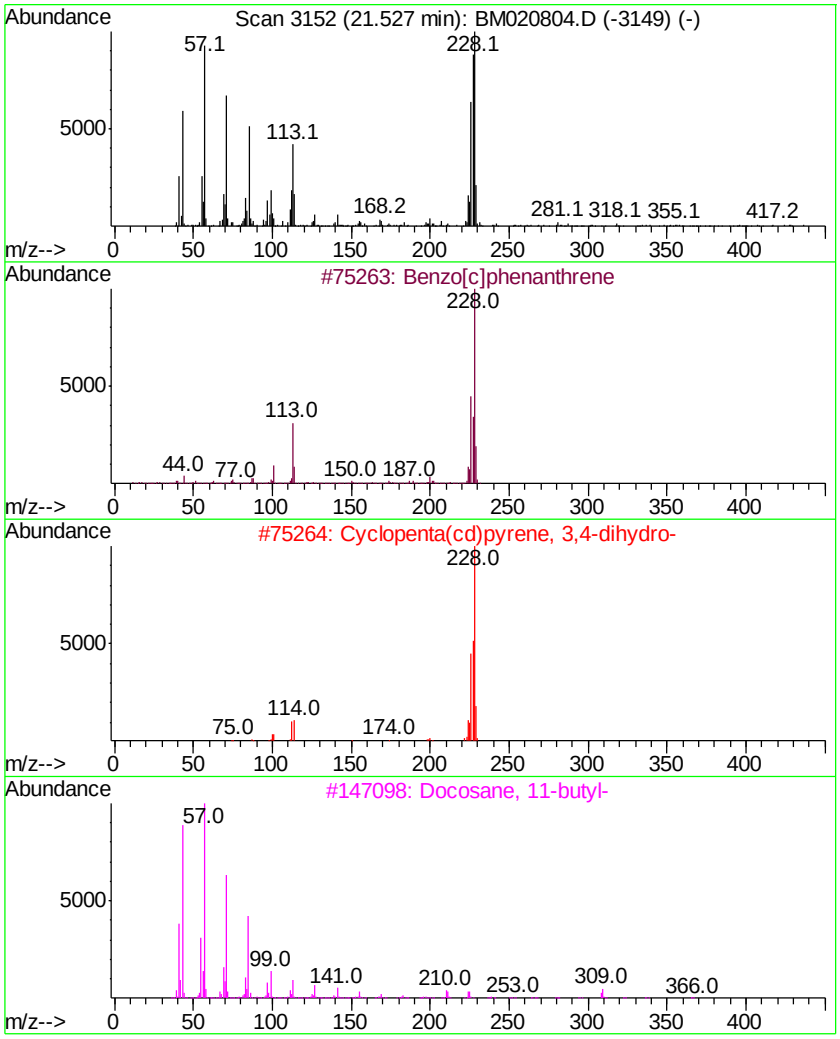
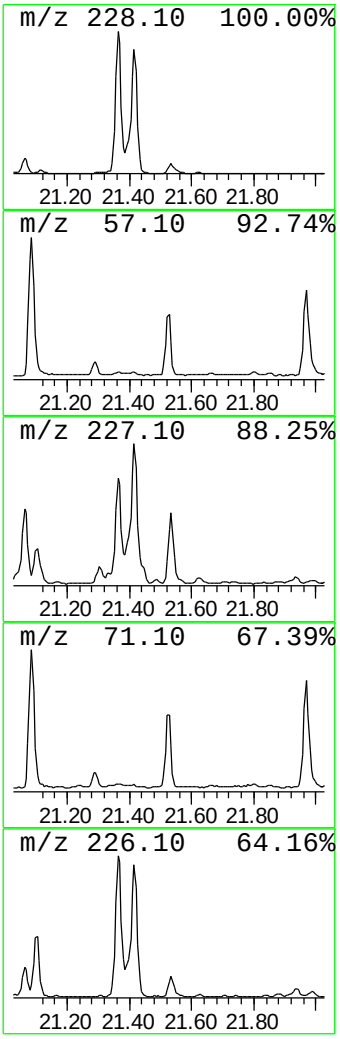
Peak Number 21 Benzo[c]phenanthrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.14 ng/ul	1035800	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	41
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	41
5	Hentriacontane	437	C31H64	000630-04-6	41





Library Search Compound Report

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Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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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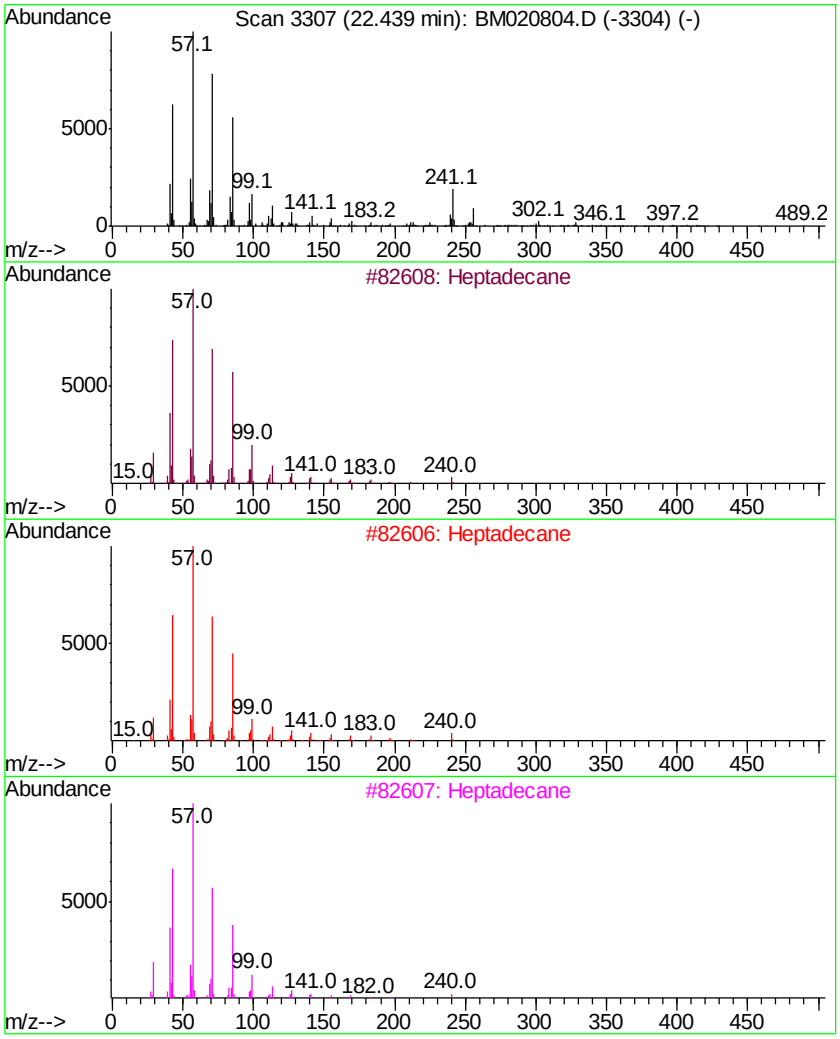
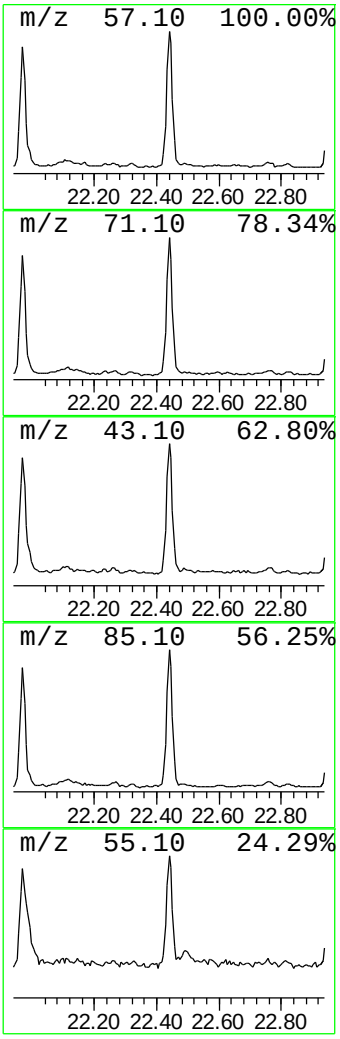
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	4.79 ng/ul	2317840	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane	240	C17H36	000629-78-7	89
4	Heptacosane	380	C27H56	000593-49-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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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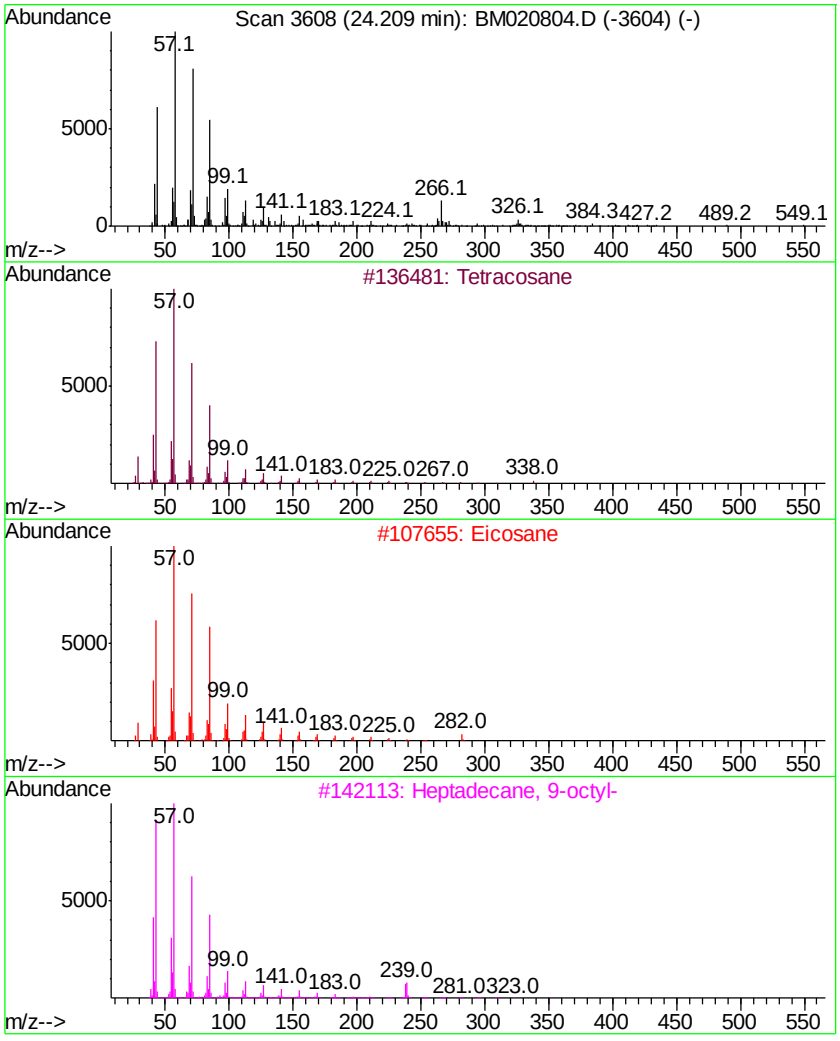
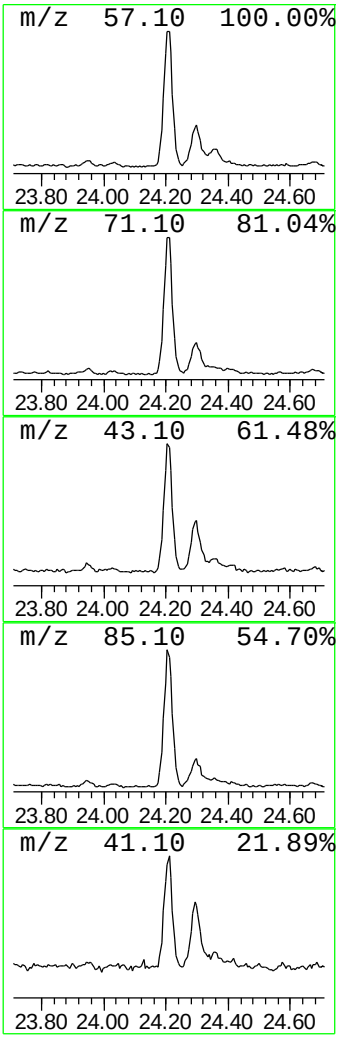
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	7.76 ng/ul	1301640	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Tentatively Identified Compound (LSC) summary

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Data File : BM020804.D
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Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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	86.8	ng/ul	6994490	1	7.81	1611680	20.0
unknown-01	16.17	2.4	ng/ul	391810	4	17.20	3325230	20.0
9H-Fluoren-9-one	16.85	2.1	ng/ul	358042	4	17.20	3325230	20.0
n-Hexadecanoic acid	18.09	18.1	ng/ul	3014270	4	17.20	3325230	20.0
Phenanthrene, 1-m...	18.12	8.7	ng/ul	1447310	4	17.20	3325230	20.0
Naphtho[2,3-b]nor...	18.20	2.8	ng/ul	463722	4	17.20	3325230	20.0
4H-Cyclopenta[def...	18.26	10.3	ng/ul	1717660	4	17.20	3325230	20.0
Phenanthrene, 4-m...	18.30	4.1	ng/ul	676473	4	17.20	3325230	20.0
6-Phenylbenzocycl...	18.57	4.1	ng/ul	676328	4	17.20	3325230	20.0
9,10-Anthracenedione	18.62	4.5	ng/ul	754071	4	17.20	3325230	20.0
Anthracene, 2-ethyl-	18.82	2.2	ng/ul	369296	4	17.20	3325230	20.0
Phenanthrene, 2,5...	18.99	7.1	ng/ul	1181100	4	17.20	3325230	20.0
Cyclopenta(def)ph...	19.13	4.8	ng/ul	803897	4	17.20	3325230	20.0
Octadecanoic acid	19.36	2.1	ng/ul	999954	5	21.38	9676930	20.0
11H-Benzo[b]fluorene	20.11	2.8	ng/ul	1374760	5	21.38	9676930	20.0
Pyrene, 1-methyl-	20.27	2.8	ng/ul	1366300	5	21.38	9676930	20.0
7H-Benz[de]anthra...	20.86	2.6	ng/ul	1265780	5	21.38	9676930	20.0
Benzo[b]naphtho[2...	21.03	2.8	ng/ul	1346590	5	21.38	9676930	20.0
(DEL) Alkane: Cyc...	21.09	9.3	ng/ul	4518500	5	21.38	9676930	20.0
11H-Benzo[a]fluor...	21.16	3.0	ng/ul	1432360	5	21.38	9676930	20.0
Benzo[c]phenanthrene	21.53	2.1	ng/ul	1035800	5	21.38	9676930	20.0
(DEL) Alkane: Str...	22.44	4.8	ng/ul	2317840	5	21.38	9676930	20.0
(DEL) Alkane: Str...	24.21	7.8	ng/ul	1301640	6	23.67	3355400	20.0