LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

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-BM020620MA.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	3.928	173	177	184	rBV	123198	169773	2.33%	0.144%
2	4.322	239	244	249	rVV	95323	128006	1.76%	0.109%
3	6.599	620	631	639	rBV	786418	1231173	16.89%	1.046%
4	6.751	651	657	670	rBV	659179	1017702	13.96%	0.865%
5	6.940	683	689	699	rVB	903588	1396732	19.16%	1.187%
6	7.398	761	767	776	rBV	1026638	1611758	22.11%	1.369%
7	8.116	883	889	901	rBV	999463	1554463	21.33%	1.321%
8	8.540	953	961	972	rBV	807344	1300979	17.85%	1.105%
9	9.034	1040	1045	1050	rBV	100801	144095	1.98%	0.122%
10	9.257	1075	1083	1092	rBV	686092	1128907	15.49%	0.959%
11	9.792	1167	1174	1186	rBV	1138643	1870032	25.66%	1.589%
12	10.157	1229	1236	1242	rBV	1402977	2322570	31.86%	1.973%
13	10.204	1242	1244	1252	rVB	80415	118114	1.62%	0.100%
14	10.298	1252	1260	1279	rBV	922250	1677691	23.02%	1.426%
15	11.833	1515	1521	1528	rBV	78060	123436	1.69%	0.105%
16	13.222	1748	1757	1766	rVB4	45692	125093	1.72%	0.106%
17	13.375	1777	1783	1788	rVV	100254	176570	2.42%	0.150%
18	13.480	1795	1801	1806	rVV	2163686	2988955	41.01%	2.540%
19	13.739	1836	1845	1858	rBV	2476969	3760421	51.59%	3.195%
20	14.057	1892	1899	1905	rVV	2187887	3293699	45.19%	2.799%
21	14.116	1905	1909	1914	rVV	214284	297473	4.08%	0.253%
22	14.274	1930	1936	1948	rBV	656711	1147194	15.74%	0.975%
23	14.457	1960	1967	1973	rBV	231968	383937	5.27%	0.326%
24	15.057	2063	2069	2074	rVV	3313653	4539206	62.27%	3.857%
25	15.110	2074	2078	2084	rVV	405039	582912	8.00%	0.495%
26	15.192	2084	2092	2098	rVV	851495	1278423	17.54%	1.086%
27	15.280	2103	2107	2114	rVV4	74498	169135	2.32%	0.144%
28	15.416	2125	2130	2140	rVB	173653	266857	3.66%	0.227%
29	15.557	2150	2154	2163	rVB	169947	356301	4.89%	0.303%
30	16.127	2237	2251	2255	rBV3	117784	280961	3.85%	0.239%
31	16.357	2287	2290	2294	rVV2	104553	163858	2.25%	0.139%
32	16.398	2294	2297	2300	rVV2	97564	129378	1.77%	0.110%
33	16.468	2305	2309	2318	rVB3	99608	203436	2.79%	0.173%
34	16.557	2318	2324	2330	rBV4	132700	290130	3.98%	0.247%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

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-BM020620MA.M
Title : SVOA CALIBRATION

35	16.627	2330	2336	2341	rVB	165243	237217	3.25%	0.202%
36	16.810	2357	2367	2370	rBV	2806635	3825233	52.48%	3.250%
37	16.851	2370	2374	2379	rVV	3154099	4106363	56.34%	3.489%
38	16.910	2379	2384	2387	rVV	3240342	4578600	62.81%	3.890%
39	16.939	2387	2389	2397	rVB	635623	792762	10.88%	0.674%
40	17.215	2432	2436	2441	rBV	154019	245640	3.37%	0.209%
41	17.686	2506	2516	2520	rBV	535518	780885	10.71%	0.664%
42	17.733	2520	2524	2532	rVB	779325	1073123	14.72%	0.912%
43	17.815	2533	2538	2543	rBV2	256354	364306	5.00%	0.310%
44	17.874	2543	2548	2552	rVV2	639604	1096344	15.04%	0.932%
45	17.915	2552	2555	2565	rVB	376957	500204	6.86%	0.425%
46	18.192	2598	2602	2606	rVV	336491	494051	6.78%	0.420%
47	18.227	2606	2608	2614	rVB2	94280	134213	1.84%	0.114%
48	18.445	2641	2645	2650	rVV	148643	232463	3.19%	0.198%
49	18.498	2650	2654	2657	rVV	148552	199807	2.74%	0.170%
50	18.539	2657	2661	2665	rVB	118829	158800	2.18%	0.135%
51	18.621	2666	2675	2680	rBV	317973	584026	8.01%	0.496%
52	18.680	2680	2685	2688	rVV2	205834	408113	5.60%	0.347%
53	18.709	2688	2690	2694	rVV	158725	196485	2.70%	0.167%
54	18.757	2694	2698	2706	rVB2	193902	403693	5.54%	0.343%
55	18.880	2711	2719	2726	rVB	3671135	4876734	66.90%	4.144%
56	18.957	2728	2732	2735	rBV	96667	119053	1.63%	0.101%
57	19.092	2749	2755	2757	rBV5	65712	132632	1.82%	0.113%
58	19.121	2757	2760	2766	rVB2	94427	151257	2.08%	0.129%
59	19.215	2771	2776	2779	rVV	5069711	7289092	100.00%	6.193%
60	19.245	2779	2781	2785	rVV	3036263	3089244	42.38%	2.625%
61	19.321	2790	2794	2802	rVB2	224207	442048	6.06%	0.376%
62	19.433	2807	2813	2820	rBV	287058	437748	6.01%	0.372%
63	19.580	2831	2838	2849	rBV3	319604	865073	11.87%	0.735%
64	19.715	2856	2861	2863	rVV2	261651	418531	5.74%	0.356%
65	19.751	2863	2867	2872	rVB	694305	981140	13.46%	0.834%
66	19.851	2881	2884	2888	rVB2	500514	595456	8.17%	0.506%
67	19.904	2888	2893	2898	rBV2	539654	862106	11.83%	0.733%
68	19.992	2905	2908	2912	rVB	110444	132237	1.81%	0.112%
69	20.045	2913	2917	2921	rVB	266841	307532	4.22%	0.261%
70	20.092	2921	2925	2930	rBV3	273039	416584	5.72%	0.354%
71	20.327	2959	2965	2966	rBV3	123806	220238	3.02%	0.187%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

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-BM020620MA.M
Title : SVOA CALIBRATION

72	20.468	2986	2989	2991	rBV3	94450	138706	1.90%	0.118%
73	20.503	2992	2995	3001	rVB	213353	366305	5.03%	0.311%
74	20.662	3020	3022	3026	rVB	162373	205264	2.82%	0.174%
75	20.703	3026	3029	3032	rVV	318198	326333	4.48%	0.277%
76	20.739	3032	3035	3038	rVV	149032	157187	2.16%	0.134%
77	20.780	3038	3042	3051	rVB3	667802	1229186	16.86%	1.044%
78	21.015	3076	3082	3086	rBV2	3852644	6975661	95.70%	5.927%
79	21.056	3086	3089	3097	rVB	1676673	2173673	29.82%	1.847%
80	21.174	3106	3109	3114	rBV	129358	147323	2.02%	0.125%
81	21.227	3115	3118	3123	rBV4	170342	224838	3.08%	0.191%
82	21.327	3132	3135	3140	rVB2	176291	255899	3.51%	0.217%
83	21.509	3163	3166	3169	rBV	146709	191609	2.63%	0.163%
84	21.562	3171	3175	3178	rVB	466944	612371	8.40%	0.520%
85	21.603	3180	3182	3186	rVB	232330	263310	3.61%	0.224%
86	21.650	3186	3190	3196	rBV3	794539	1248857	17.13%	1.061%
87	22.080	3260	3263	3267	rVB2	307030	340433	4.67%	0.289%
88	22.286	3296	3298	3302	rVB4	194777	228153	3.13%	0.194%
89	22.509	3330	3336	3340	rBV	1231652	2682520	36.80%	2.279%
90	22.550	3340	3343	3347	rVV2	1201146	1823286	25.01%	1.549%
91	22.586	3347	3349	3358	rVV2	601232	1003442	13.77%	0.853%
92	22.662	3359	3362	3368	rVB	300303	435930	5.98%	0.370%
93	22.945	3406	3410	3413	rBV	594731	925068	12.69%	0.786%
94	22.992	3413	3418	3422	rVV	3152029	5051334	69.30%	4.292%
95	23.033	3422	3425	3429	rVB	955811	1271991	17.45%	1.081%
96	23.080	3430	3433	3435	rBV	240069	265634	3.64%	0.226%
97	23.121	3435	3440	3446	rVV2	2112336	3462986	47.51%	2.942%
98	23.674	3529	3534	3539	rVB	594601	1011869	13.88%	0.860%
99	25.162	3781	3787	3798	rVB3	662692	2007686	27.54%	1.706%
100	28.844	4405	4413	4427	rVB7	1209632	4684529	64.27%	3.980%

Sum of corrected areas: 117689786

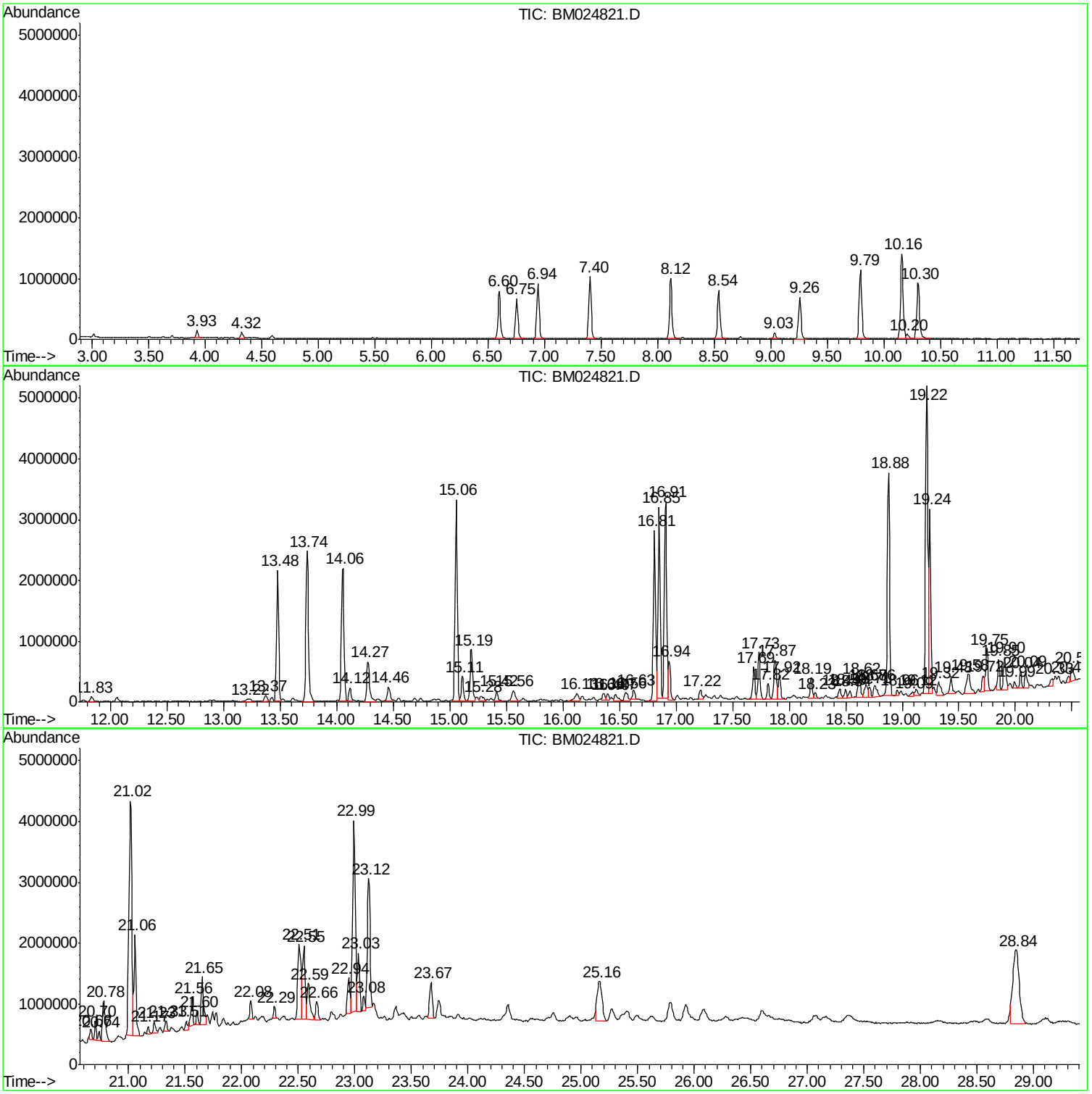
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

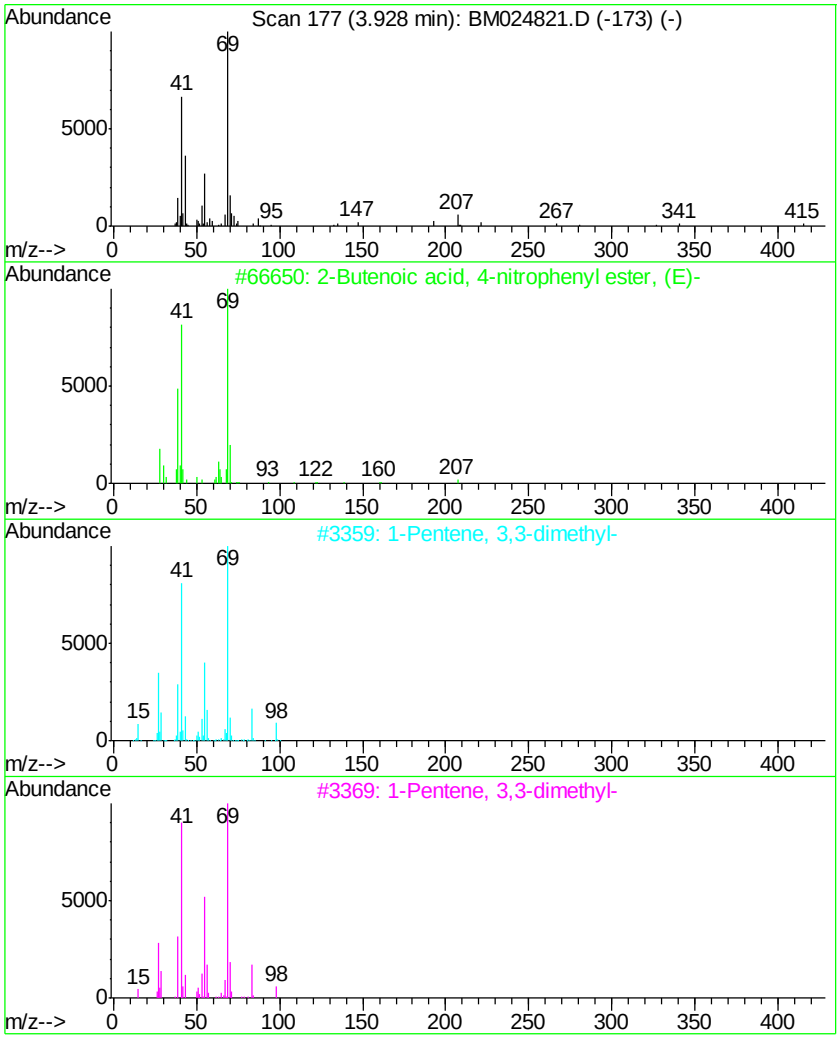
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

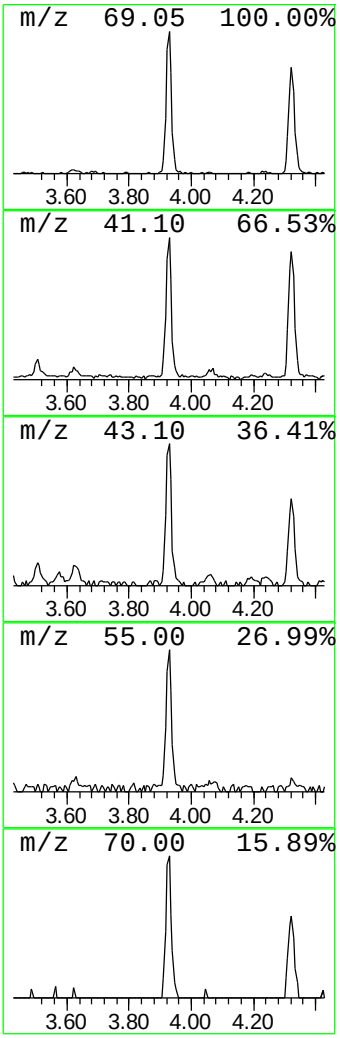
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	2.11 ng/ul	169773	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	45
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	39
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	39
4	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	39
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

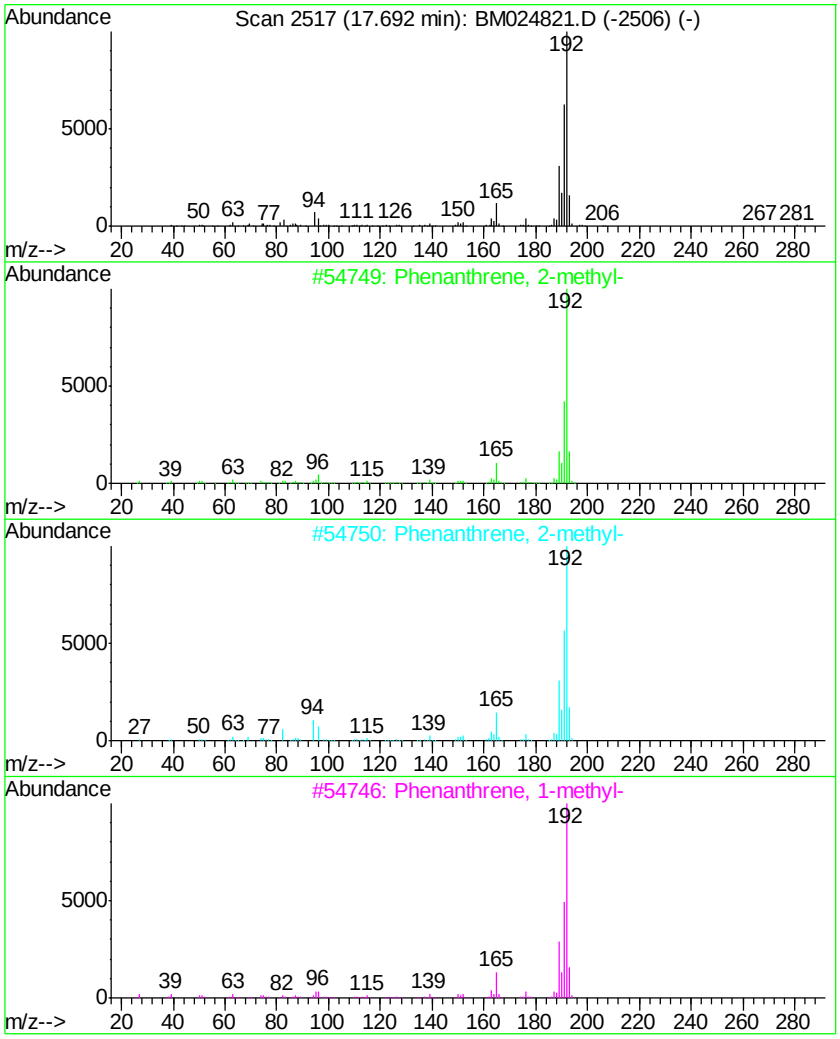
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

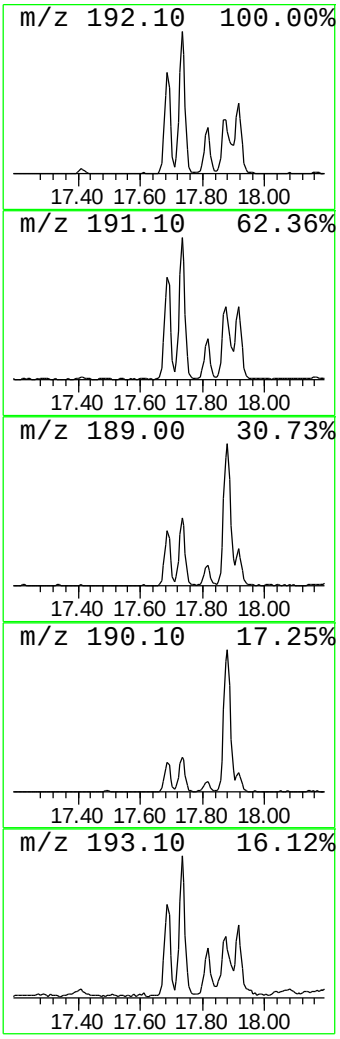
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.08 ng/ul	780885	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

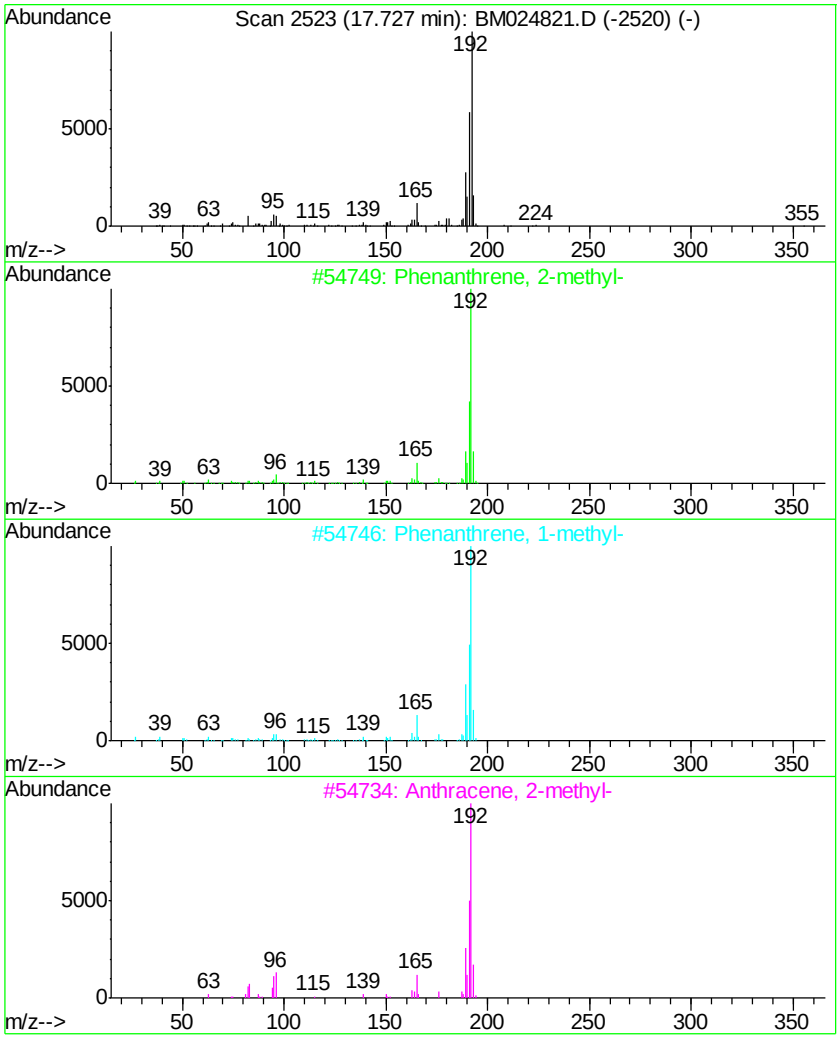
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

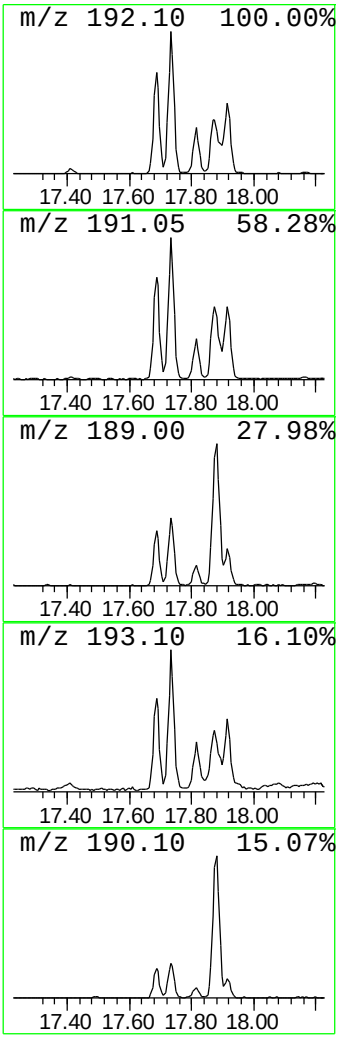
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	5.61 ng/ul	1073120	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

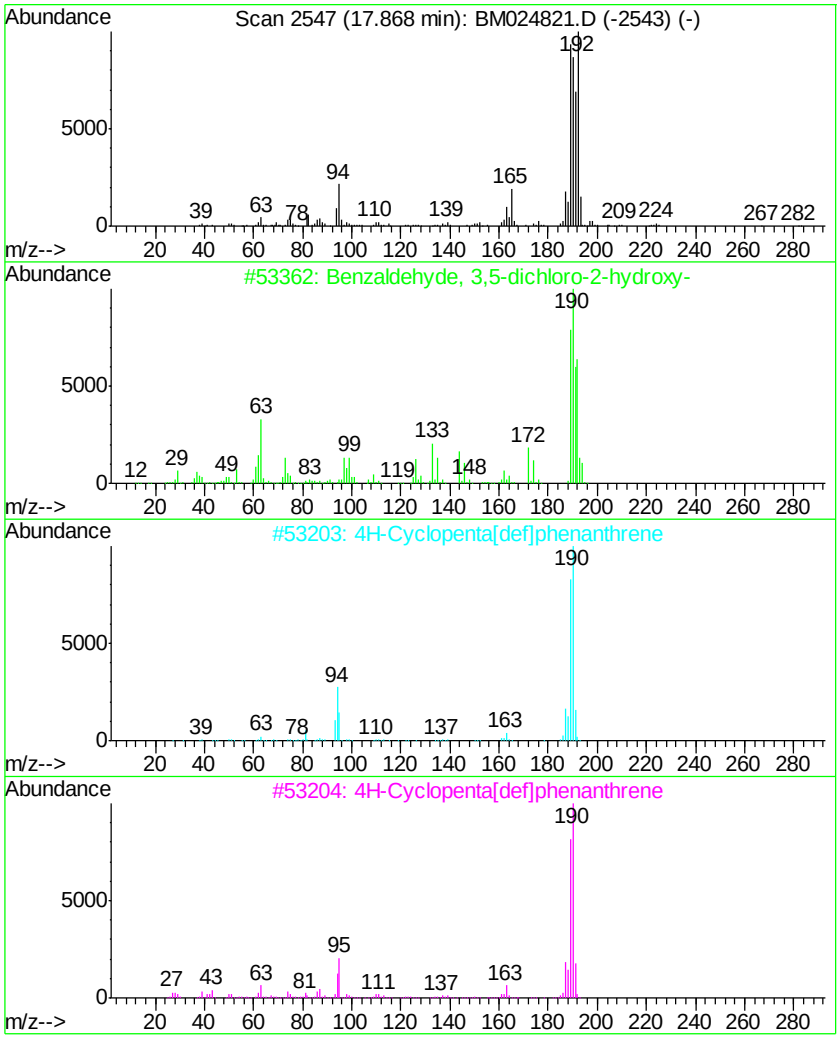
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

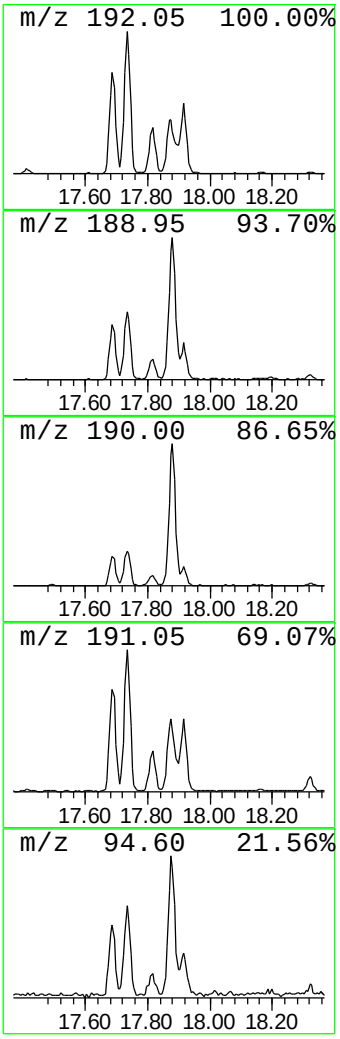
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.73 ng/ul	1096340	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

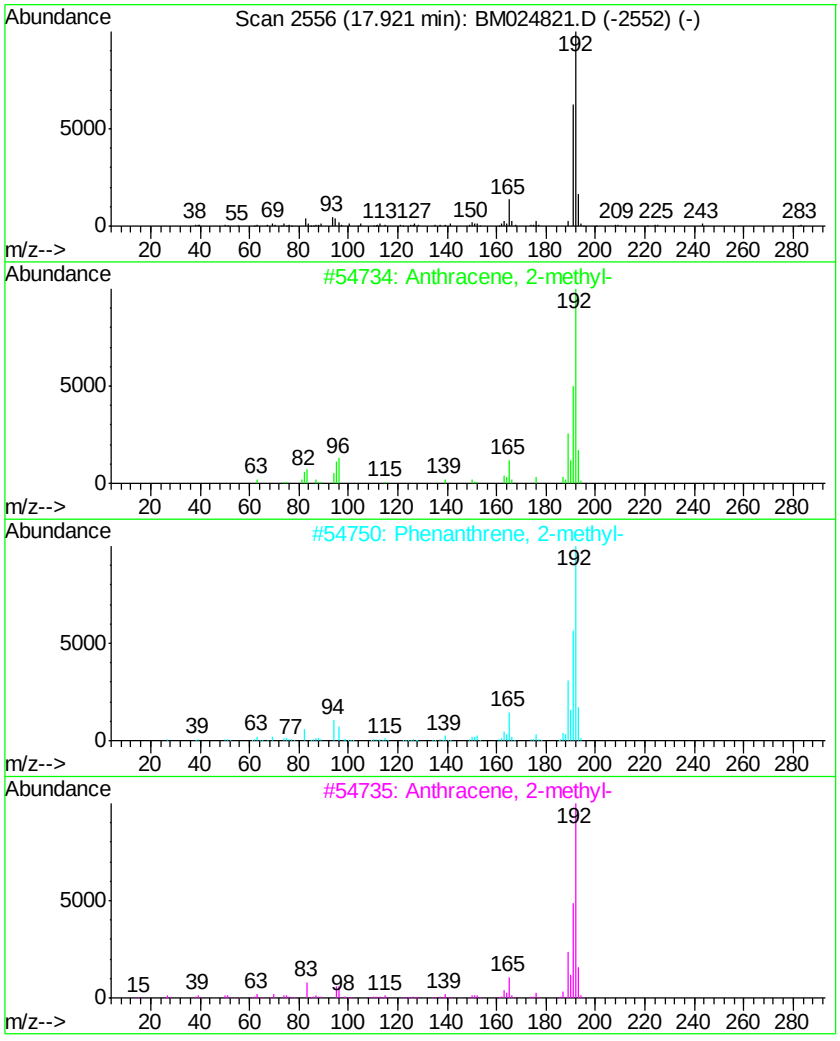
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

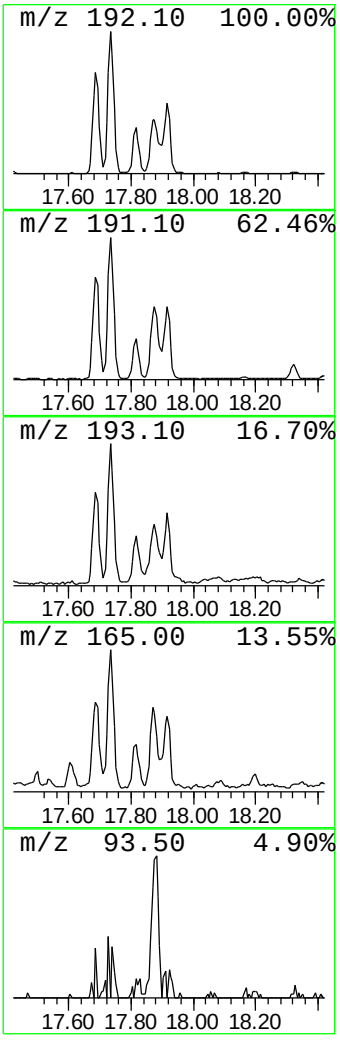
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.62 ng/ul	500204	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

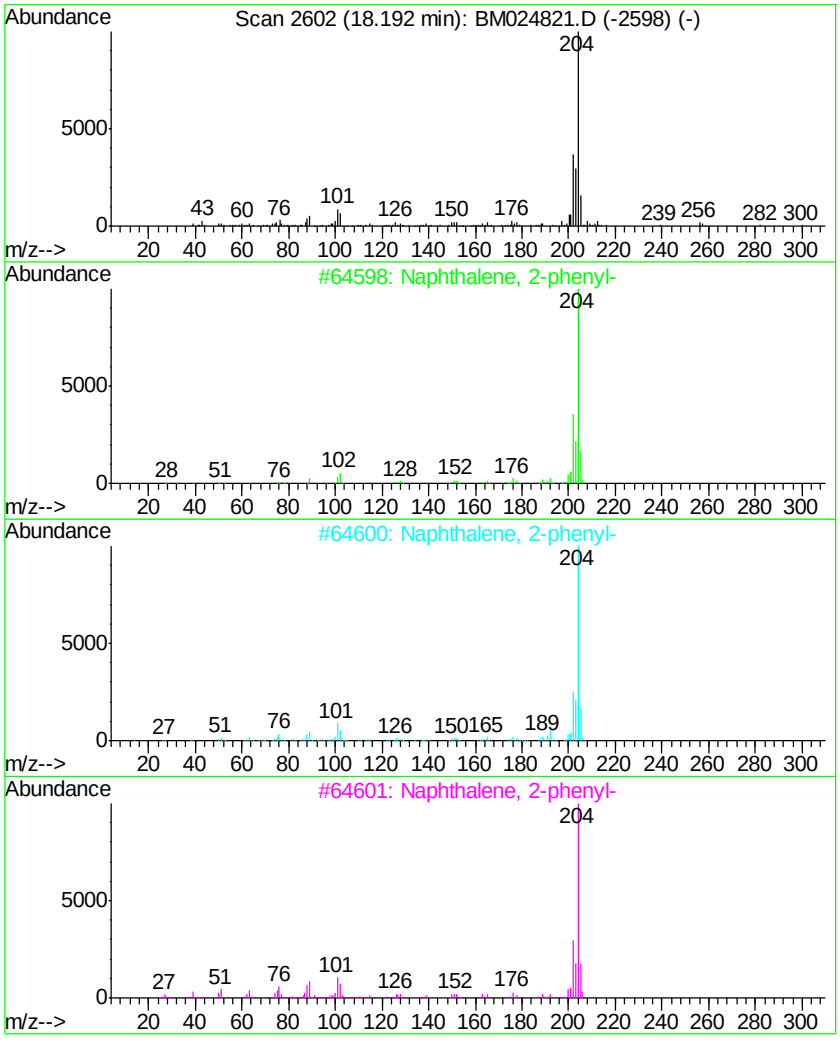
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

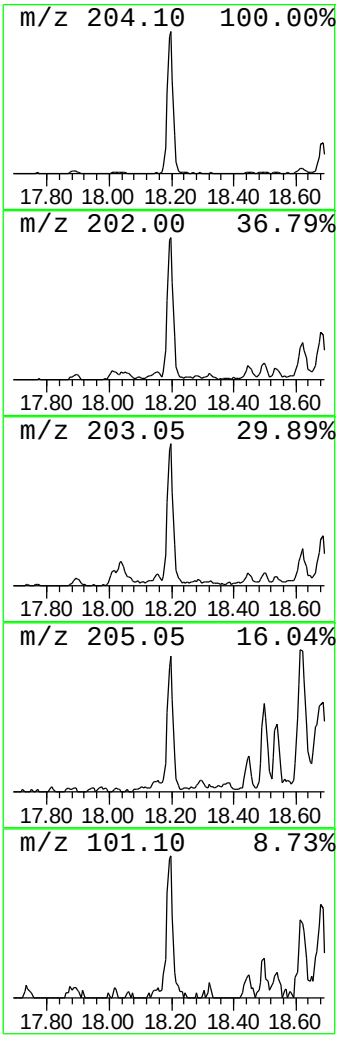
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.58 ng/ul	494051	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

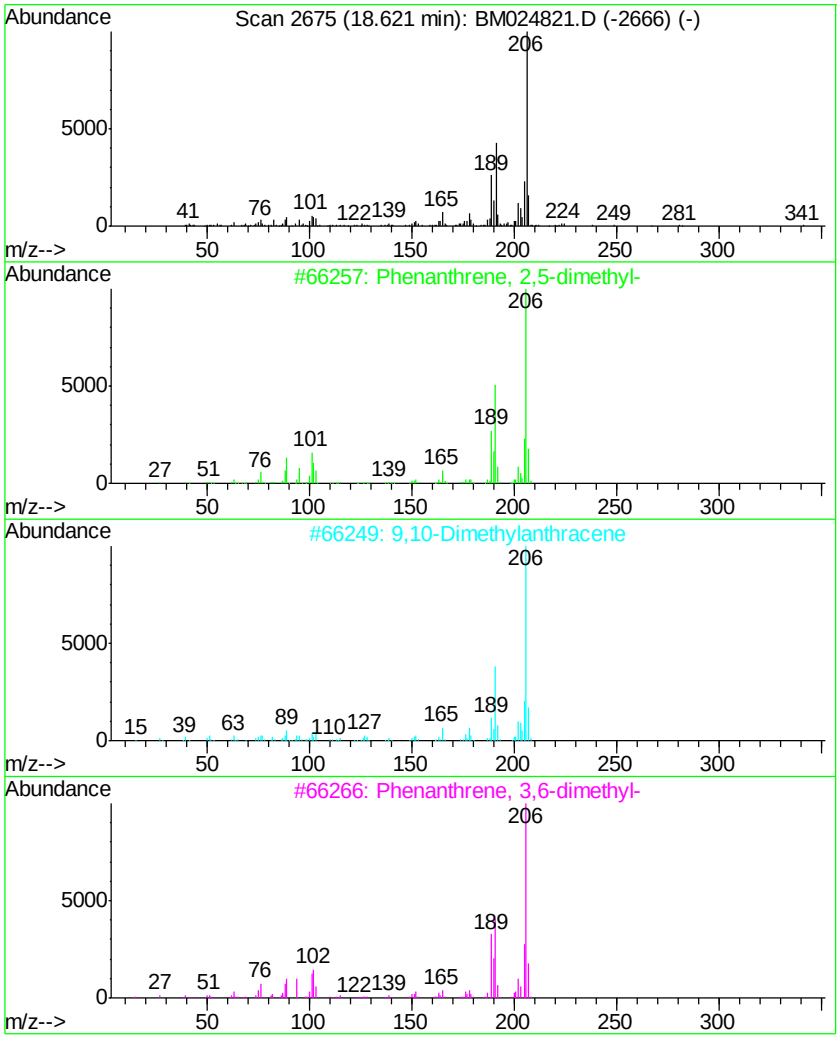
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

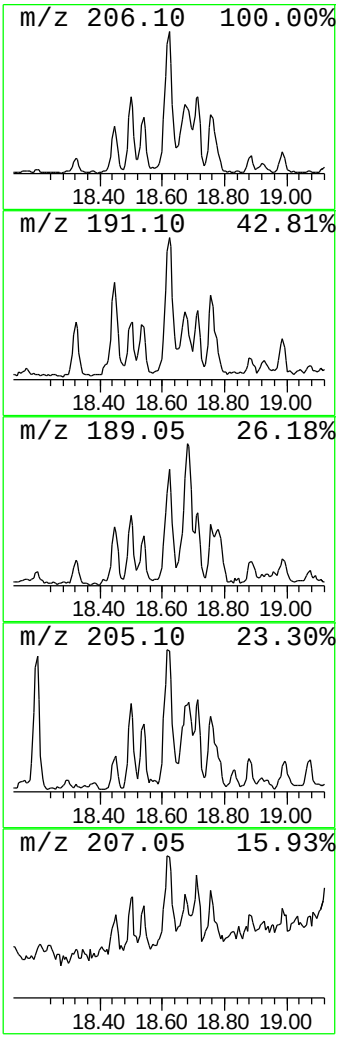
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.05 ng/ul	584026	Phenanthrene-d10	16.81

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	92
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

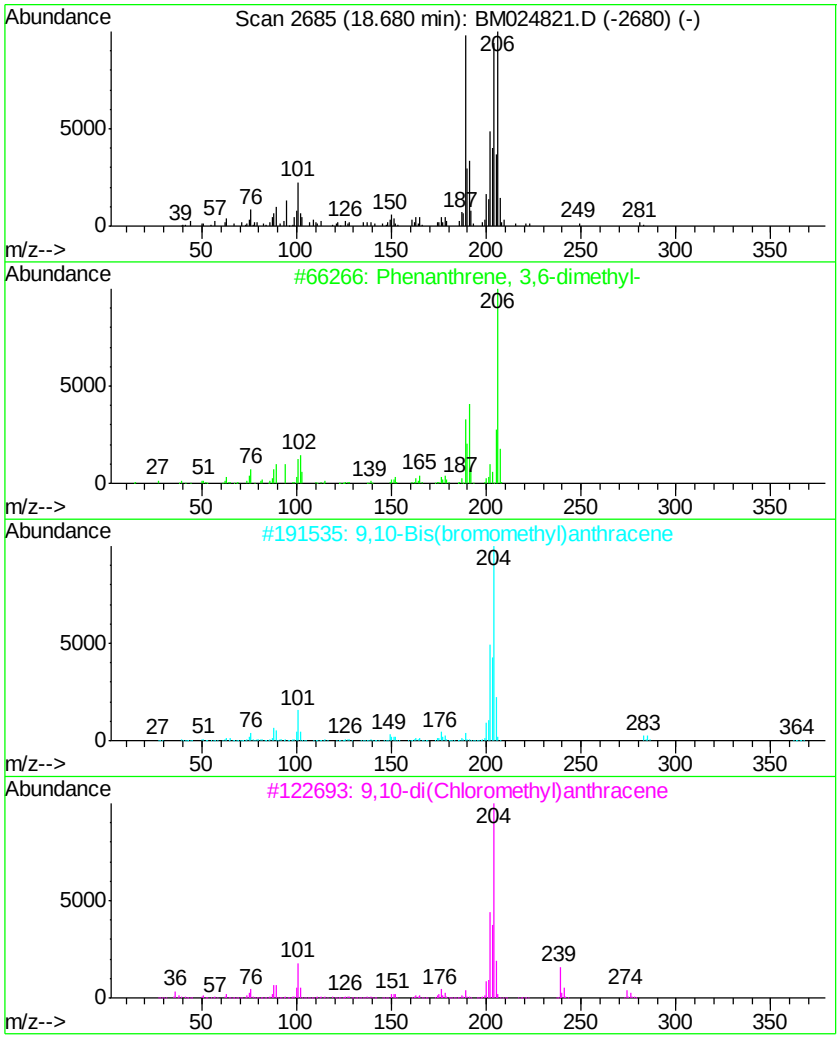
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

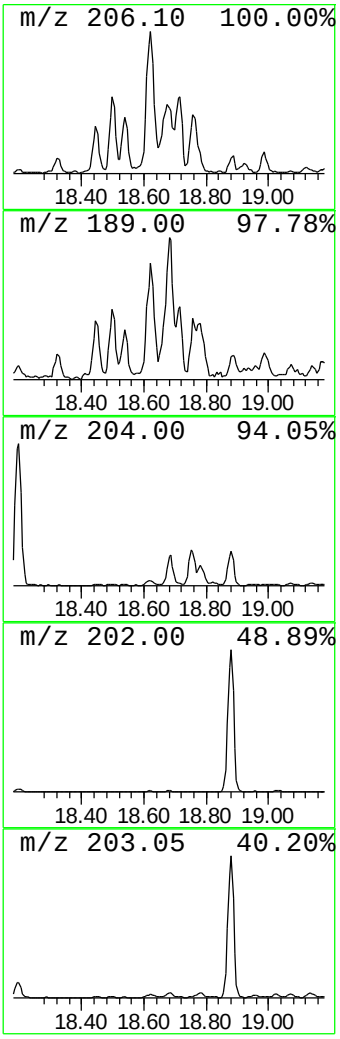
****

Peak Number 8 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.13 ng/ul	408113	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	41
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

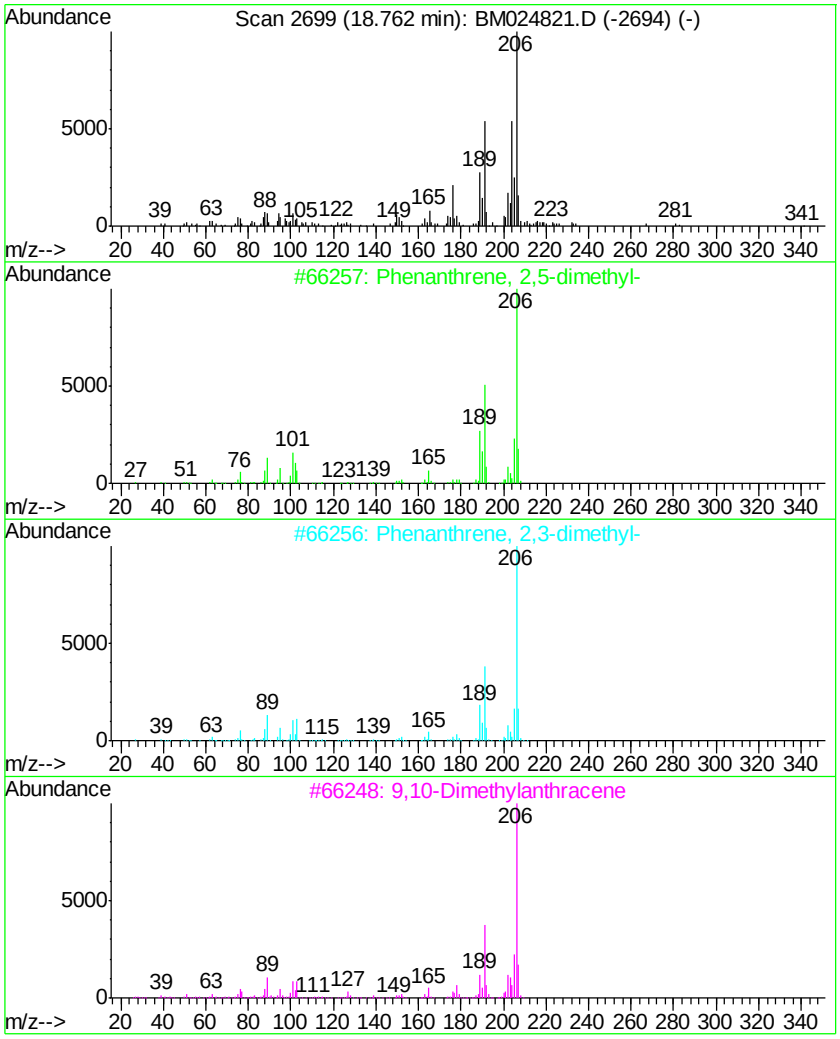
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

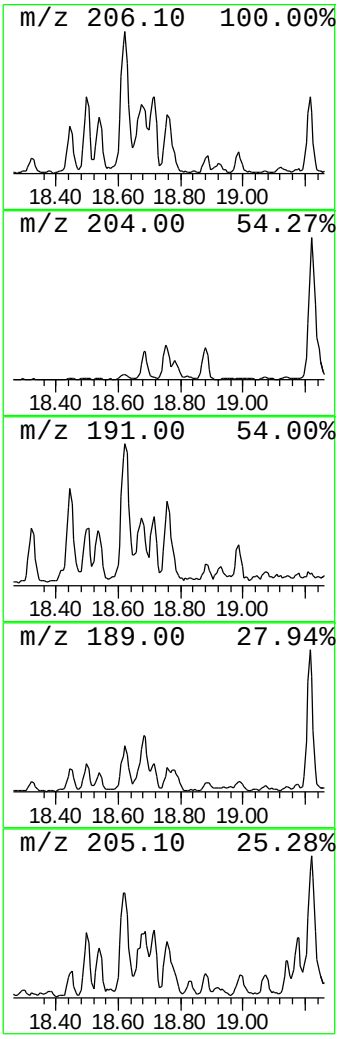
****

Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.11 ng/ul	403693	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

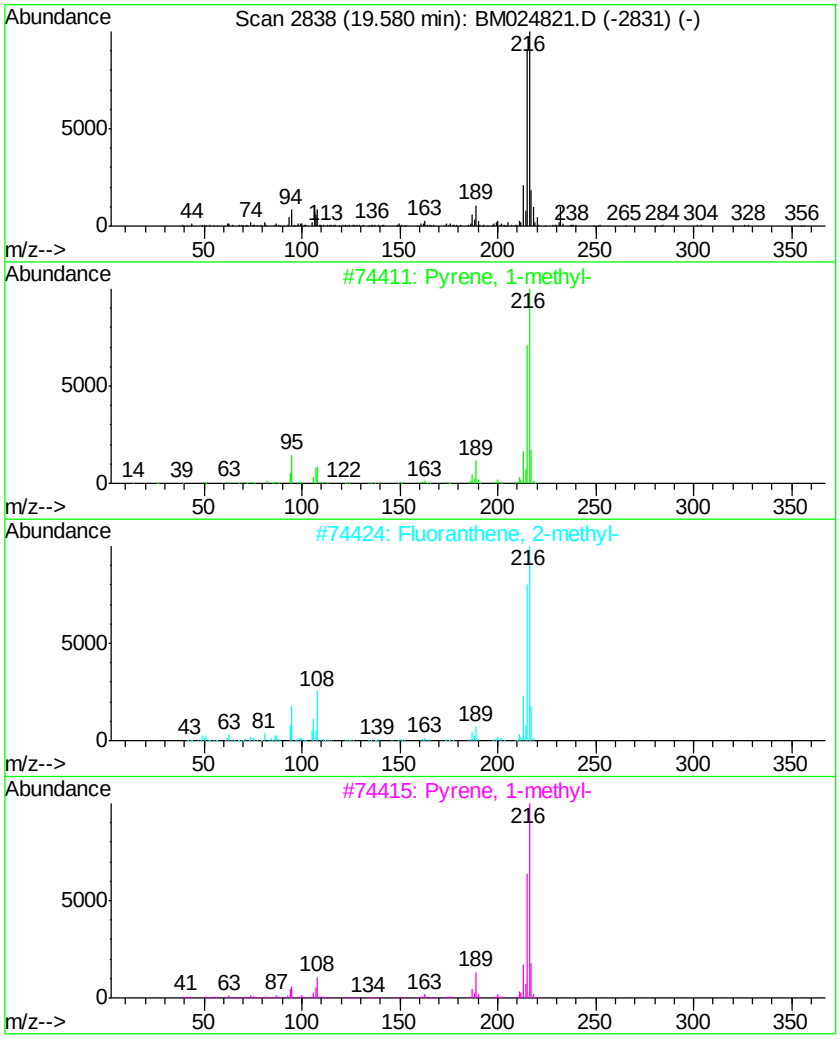
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

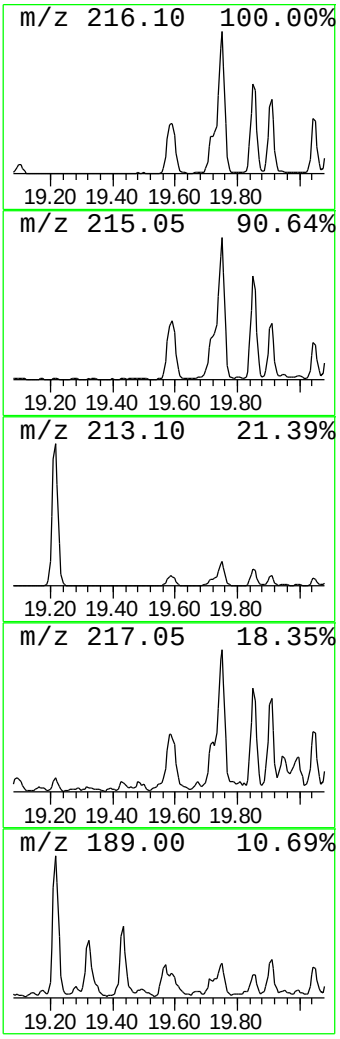
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.48 ng/ul	865073	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

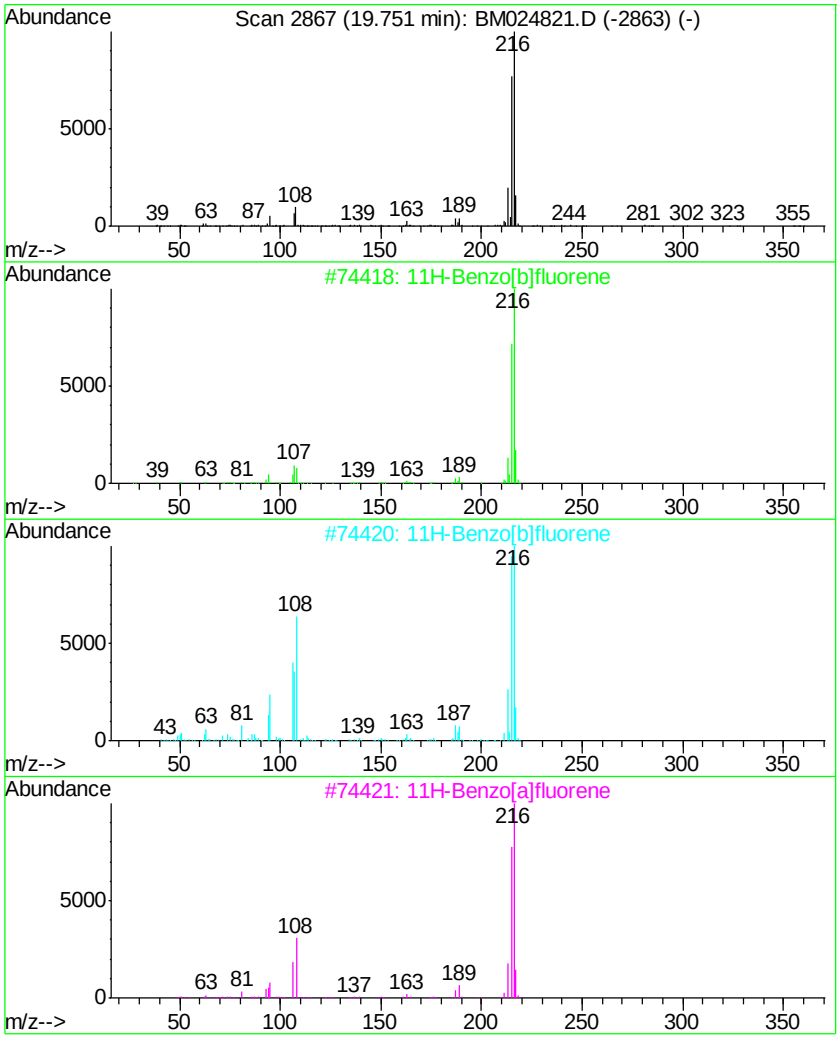
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

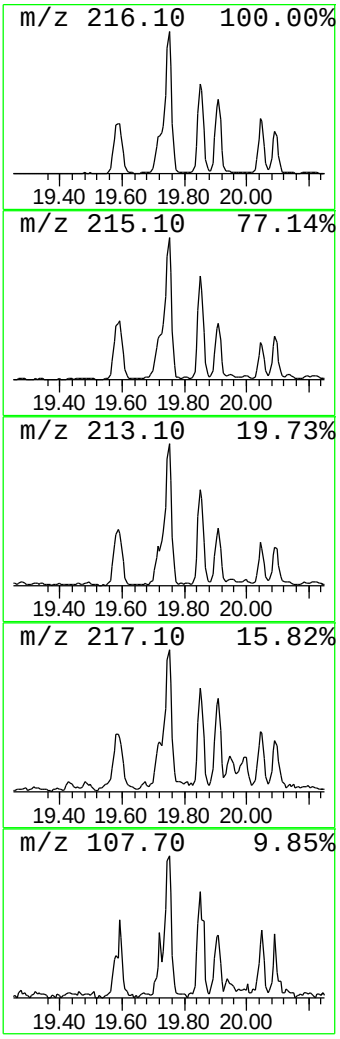
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.81 ng/ul	981140	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

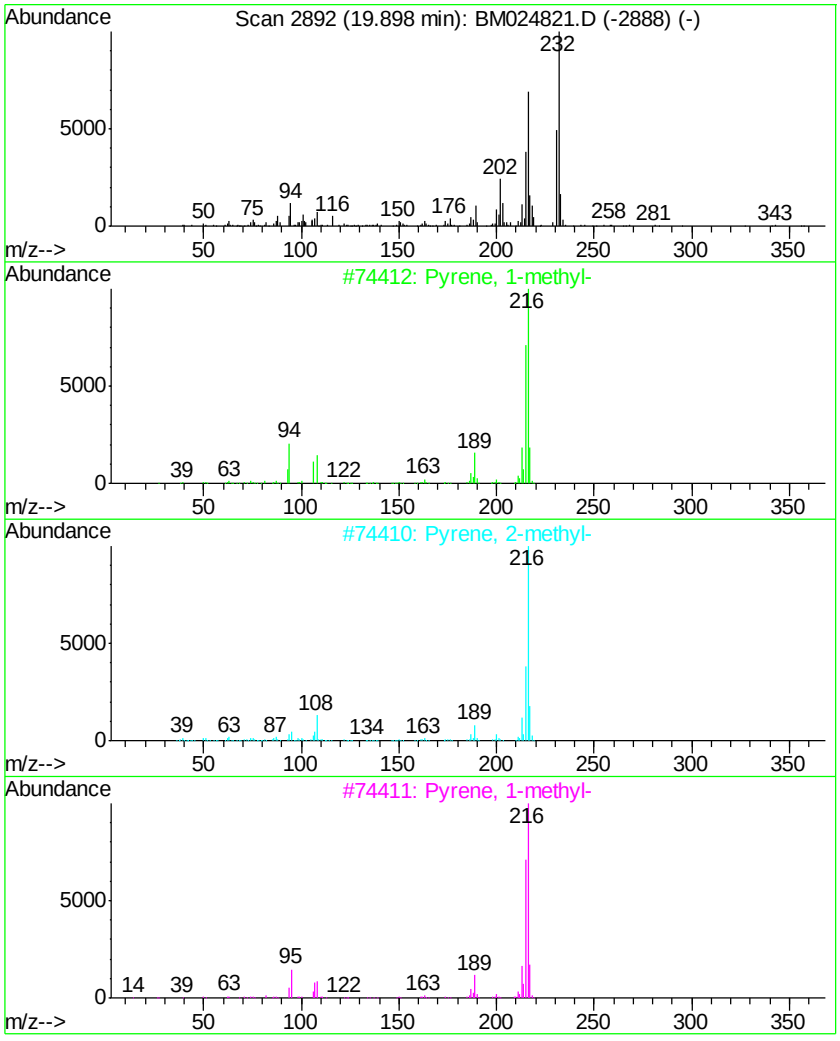
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

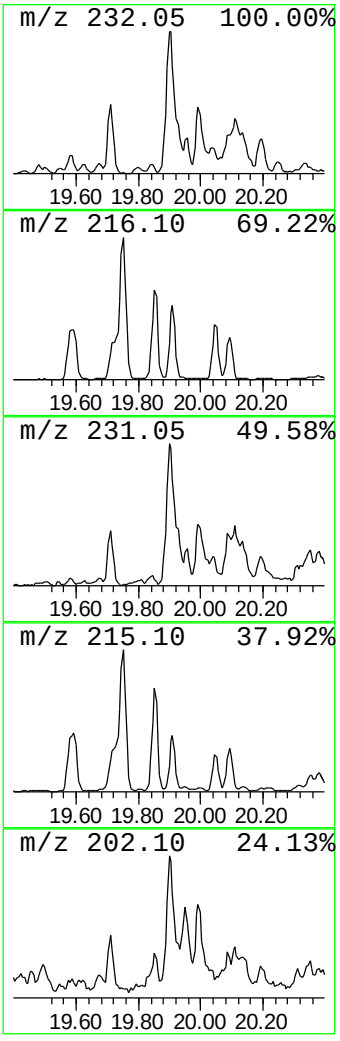
****

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.47 ng/ul	862106	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

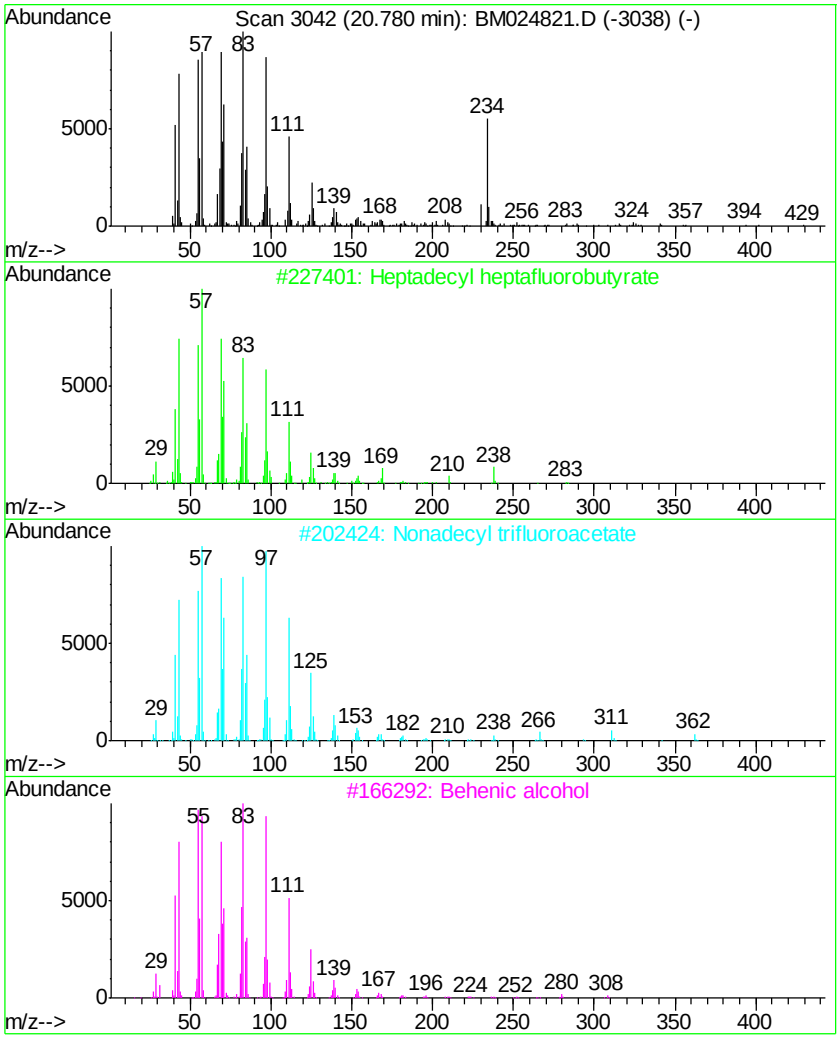
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

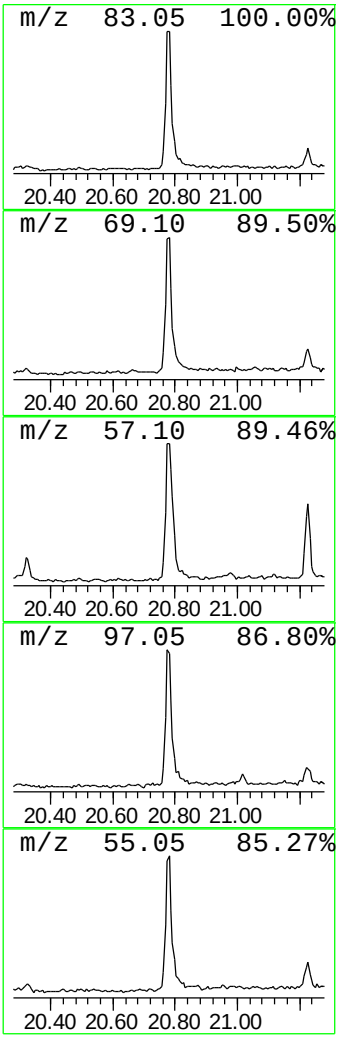
****

Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	3.52 ng/ul	1229190	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

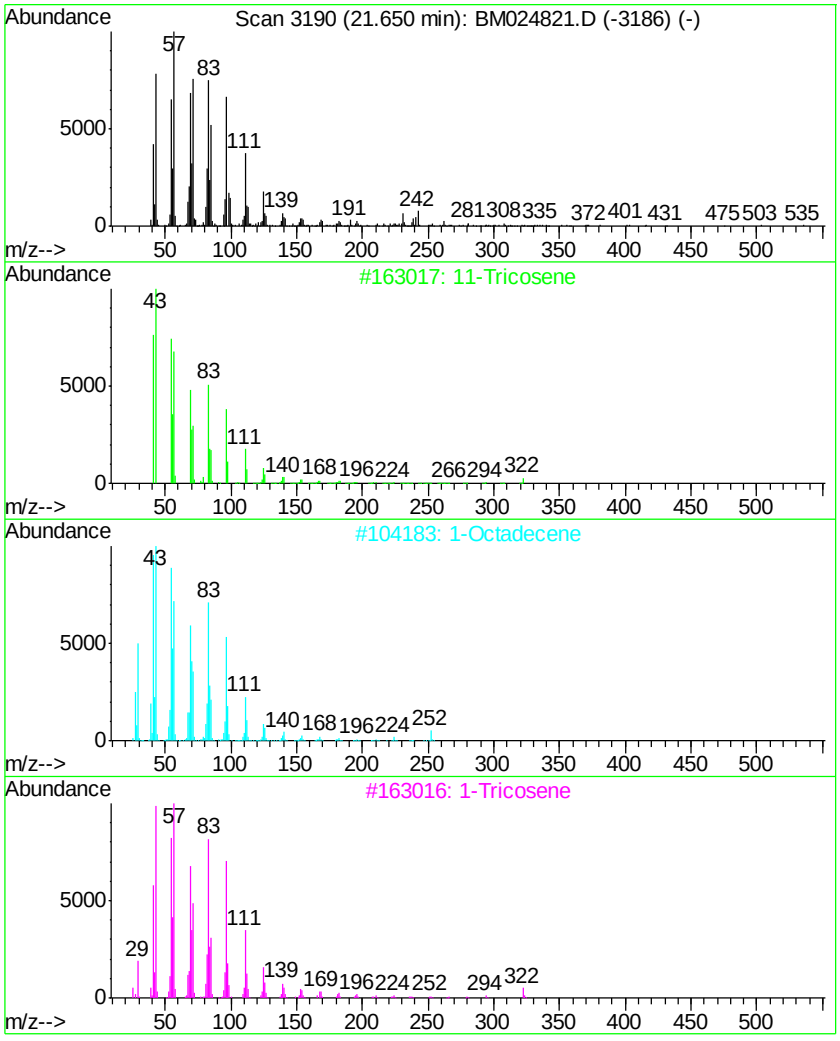
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

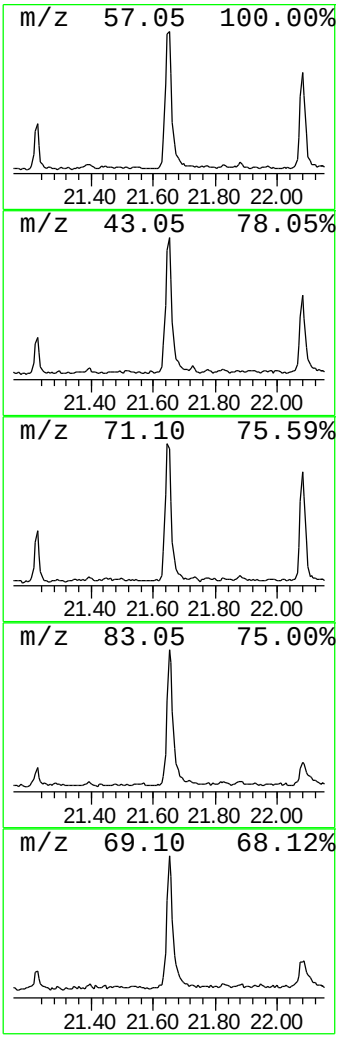
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.58 ng/ul	1248860	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	93
2	1-Octadecene	252	C18H36	000112-88-9	92
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

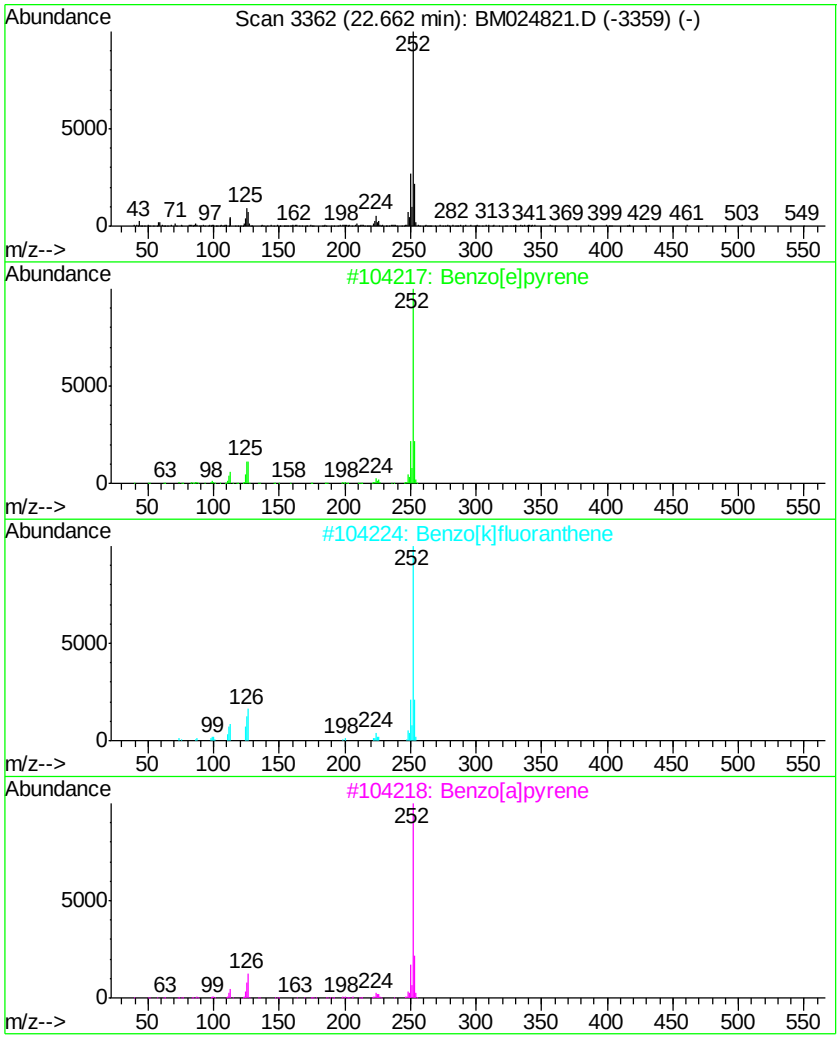
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

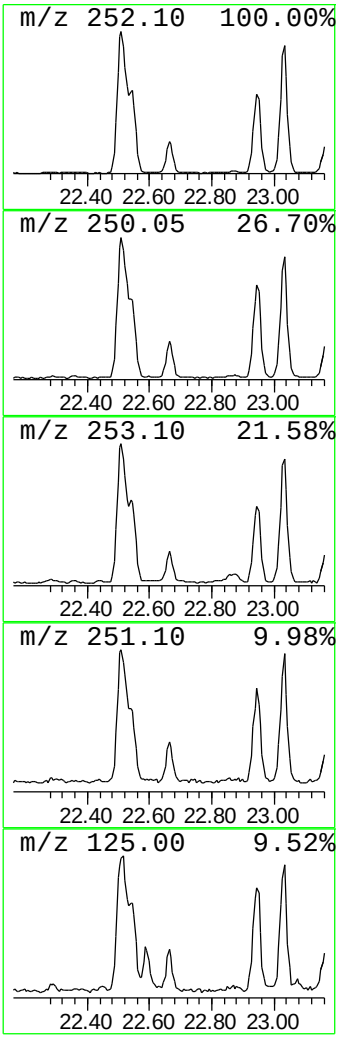
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.52 ng/ul	435930	Perylene-d12	23.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

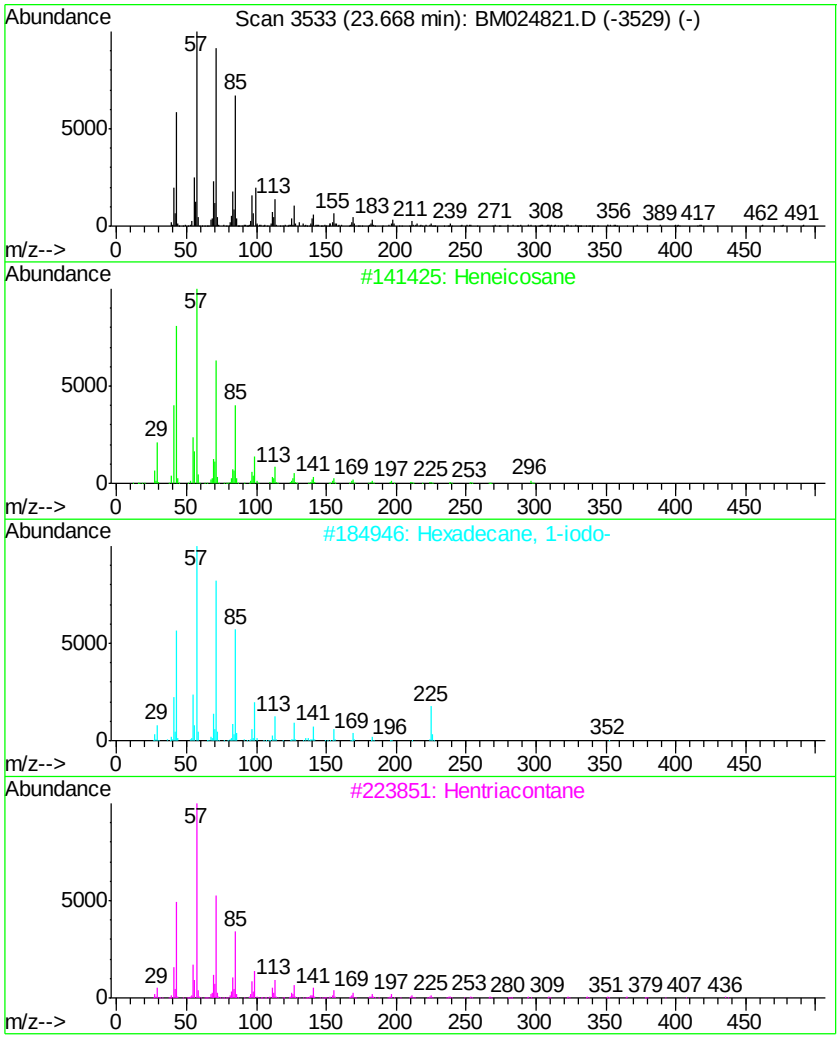
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

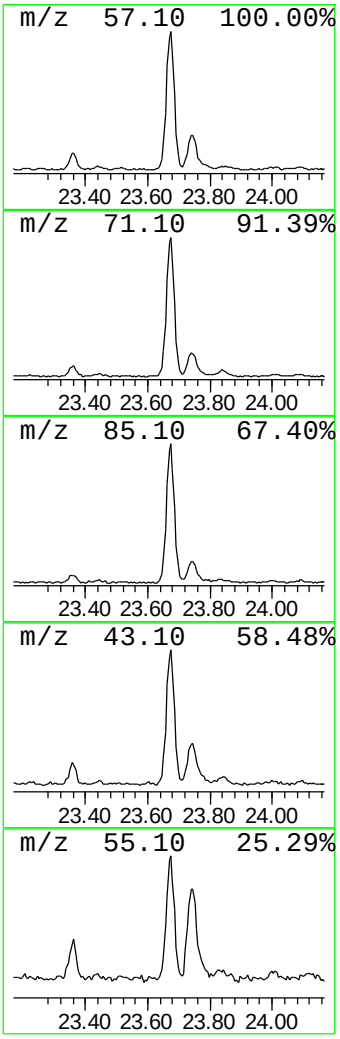
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	5.84 ng/ul	1011870	Perylene-d12	23.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3	Hentriacontane	437	C31H64	000630-04-6	92
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

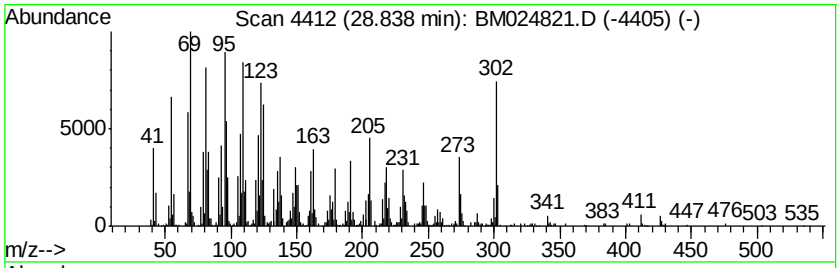
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

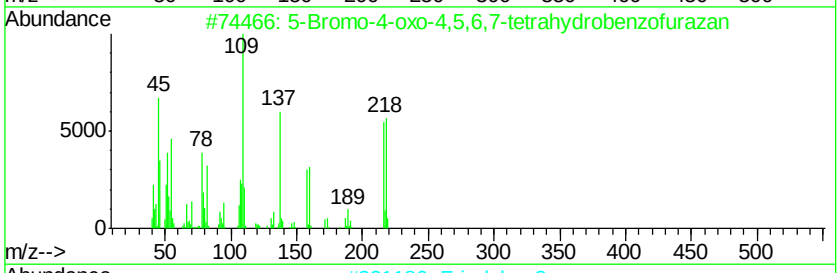
****

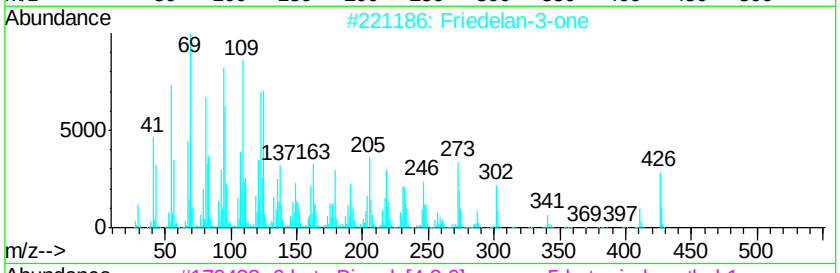
Peak Number 17 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

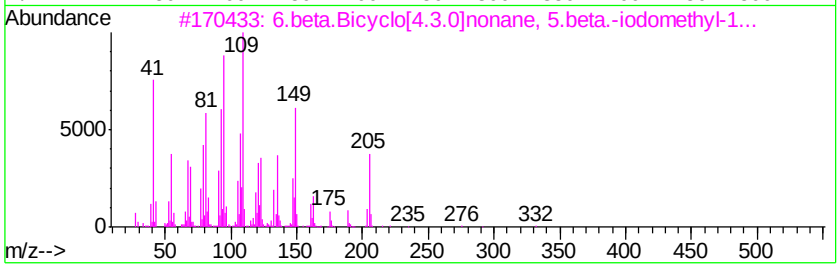
R.T.	EstConc	Area	Relative to ISTD	R.T.
28.84	27.05 ng/ul	4684530	Perylene-d12	23.12

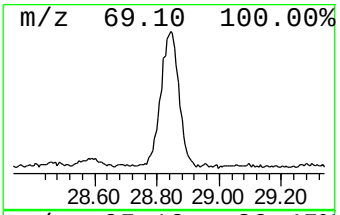
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2	Friedelan-3-one	426	C30H50O	000559-74-0	49
3	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	30
4	7-Tetradecyne	194	C14H26	035216-11-6	30
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	25

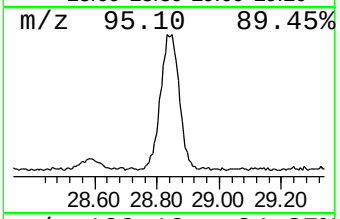


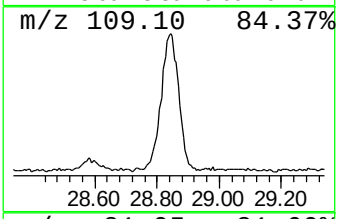


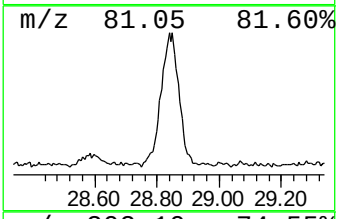


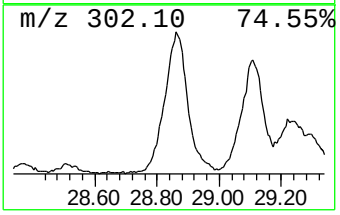












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.93	2.1	ng/ul	169773	1	7.40	1611760	20.0
Phenanthrene, 2-m...	17.69	4.1	ng/ul	780885	4	16.81	3825230	20.0
Phenanthrene, 1-m...	17.73	5.6	ng/ul	1073120	4	16.81	3825230	20.0
Benzaldehyde, 3,5...	17.87	5.7	ng/ul	1096340	4	16.81	3825230	20.0
Anthracene, 2-met...	17.92	2.6	ng/ul	500204	4	16.81	3825230	20.0
Naphthalene, 2-ph...	18.19	2.6	ng/ul	494051	4	16.81	3825230	20.0
Phenanthrene, 2,5...	18.62	3.0	ng/ul	584026	4	16.81	3825230	20.0
unknown-02	18.68	2.1	ng/ul	408113	4	16.81	3825230	20.0
Phenanthrene, 2,3...	18.76	2.1	ng/ul	403693	4	16.81	3825230	20.0
Pyrene, 1-methyl-	19.58	2.5	ng/ul	865073	5	21.02	6975660	20.0
11H-Benzo[b]fluorene	19.75	2.8	ng/ul	981140	5	21.02	6975660	20.0
Pyrene, 2-methyl-	19.90	2.5	ng/ul	862106	5	21.02	6975660	20.0
Heptadecyl heptaf...	20.78	3.5	ng/ul	1229190	5	21.02	6975660	20.0
(DEL) Alkane: Str...	21.65	3.6	ng/ul	1248860	5	21.02	6975660	20.0
Benzo[e]pyrene	22.66	2.5	ng/ul	435930	6	23.12	3462990	20.0
(DEL) Alkane: Str...	23.67	5.8	ng/ul	1011870	6	23.12	3462990	20.0
5-Bromo-4-oxo-4,5...	28.84	27.1	ng/ul	4684530	6	23.12	3462990	20.0