LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

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-BM111220MA.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	3.105	14	20	25	rBV	86283	159725	7.48%	0.670%
2	3.193	31	35	55	rVB	571353	834574	39.07%	3.500%
3	4.081	180	186	193	rBV	14974	22287	1.04%	0.093%
4	7.457	754	760	769	rBV	129800	212024	9.93%	0.889%
5	7.640	784	791	799	rVB	99230	157604	7.38%	0.661%
6	7.851	820	827	833	rBV	133134	209743	9.82%	0.880%
7	8.334	902	909	915	rBV	208126	329157	15.41%	1.380%
8	9.034	1021	1028	1035	rVB	147282	236790	11.08%	0.993%
9	9.504	1101	1108	1116	rVB	131155	221524	10.37%	0.929%
10	10.240	1226	1233	1241	rVB	99861	168593	7.89%	0.707%
11	10.775	1318	1324	1331	rBV	168941	272806	12.77%	1.144%
12	11.169	1383	1391	1398	rBV	283819	478646	22.41%	2.007%
13	11.292	1405	1412	1423	rBV	93797	154670	7.24%	0.649%
14	14.339	1924	1930	1935	rVV	274736	381165	17.84%	1.598%
15	14.386	1935	1938	1947	rVB	121272	155262	7.27%	0.651%
16	14.645	1976	1982	1992	rVV	323842	472070	22.10%	1.980%
17	14.951	2025	2034	2040	rBV	433622	627057	29.35%	2.629%
18	15.010	2040	2044	2050	rVB	39060	55194	2.58%	0.231%
19	15.104	2055	2060	2071	rVB	91839	128785	6.03%	0.540%
20	15.339	2091	2100	2105	rBV2	23940	32327	1.51%	0.136%
21	15.927	2194	2200	2205	rBV	409768	555411	26.00%	2.329%
22	15.980	2205	2209	2213	rVV	33398	47115	2.21%	0.198%
23	16.027	2213	2217	2222	rVB	97698	131100	6.14%	0.550%
24	16.145	2233	2237	2248	rVB4	5784	12340	0.58%	0.052%
25	16.269	2254	2258	2262	rVB	11252	13490	0.63%	0.057%
26	16.416	2279	2283	2290	rVB2	11343	19839	0.93%	0.083%
27	17.192	2408	2415	2418	rBV6	6491	12113	0.57%	0.051%
28	17.321	2430	2437	2443	rVB2	35431	53376	2.50%	0.224%
29	17.392	2443	2449	2452	rBV3	12709	20945	0.98%	0.088%
30	17.421	2452	2454	2461	rVB7	8183	10129	0.47%	0.042%
31	17.486	2461	2465	2469	rBV	36461	49399	2.31%	0.207%
32	17.668	2489	2496	2499	rBV	484293	725442	33.96%	3.042%
33	17.710	2499	2503	2508	rVV	853402	1158655	54.24%	4.859%
34	17.763	2508	2512	2516	rVV	421391	610094	28.56%	2.558%

LSC Area Percent Report

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Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

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-BM111220MA.M
Title : SVOA CALIBRATION

35	17.798	2516	2518	2522	rVV	93909	104841	4.91%	0.440%
36	17.851	2522	2527	2532	rVB4	6922	12218	0.57%	0.051%
37	18.051	2556	2561	2570	rBV	74626	115504	5.41%	0.484%
38	18.174	2578	2582	2589	rBV2	13547	21250	0.99%	0.089%
39	18.239	2589	2593	2595	rBV2	11361	13982	0.65%	0.059%
40	18.374	2614	2616	2624	rVB5	5949	11440	0.54%	0.048%
41	18.451	2624	2629	2633	rBV5	6747	10816	0.51%	0.045%
42	18.521	2634	2641	2646	rVV2	92312	191676	8.97%	0.804%
43	18.574	2646	2650	2657	rVB	115013	158912	7.44%	0.666%
44	18.651	2657	2663	2668	rBV	18609	28419	1.33%	0.119%
45	18.721	2668	2675	2679	rBV2	108734	208737	9.77%	0.875%
46	18.751	2679	2680	2685	rVB	49177	47038	2.20%	0.197%
47	18.815	2685	2691	2694	rBV5	8315	13521	0.63%	0.057%
48	18.857	2694	2698	2702	rVB3	10424	13458	0.63%	0.056%
49	18.915	2702	2708	2711	rBV5	6942	10323	0.48%	0.043%
50	19.010	2719	2724	2727	rBV	77188	104234	4.88%	0.437%
51	19.051	2727	2731	2736	rVB	153550	199995	9.36%	0.839%
52	19.251	2759	2765	2767	rBV	24155	34060	1.59%	0.143%
53	19.280	2767	2770	2773	rVV	50648	72110	3.38%	0.302%
54	19.345	2777	2781	2789	rVB3	18994	42381	1.98%	0.178%
55	19.421	2789	2794	2799	rBV2	51119	80989	3.79%	0.340%
56	19.480	2799	2804	2807	rVV3	15829	35110	1.64%	0.147%
57	19.510	2807	2809	2812	rVB	16381	18453	0.86%	0.077%
58	19.562	2812	2818	2825	rBV2	66087	104050	4.87%	0.436%
59	19.686	2833	2839	2845	rVB	1625460	2136256	100.00%	8.958%
60	19.739	2845	2848	2849	rBV	14095	15252	0.71%	0.064%
61	19.768	2849	2853	2858	rVB4	27255	54970	2.57%	0.231%
62	19.868	2865	2870	2873	rBV4	27871	44111	2.06%	0.185%
63	19.927	2873	2880	2888	rVV3	46772	102300	4.79%	0.429%
64	20.015	2888	2895	2897	rVV2	637142	1023432	47.91%	4.292%
65	20.045	2897	2900	2906	rVV	1283094	1596571	74.74%	6.695%
66	20.104	2906	2910	2916	rVB	61741	83804	3.92%	0.351%
67	20.209	2924	2928	2933	rVB	69183	89598	4.19%	0.376%
68	20.274	2934	2939	2944	rVB2	19459	32935	1.54%	0.138%
69	20.351	2946	2952	2953	rBV2	64879	99554	4.66%	0.417%
70	20.409	2958	2962	2967	rVV	24080	34057	1.59%	0.143%
71	20.486	2969	2975	2977	rVV4	47048	92870	4.35%	0.389%

LSC Area Percent Report

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Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

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-BM111220MA.M
Title : SVOA CALIBRATION

72	20.521	2977	2981	2985	rVB	118507	171940	8.05%	0.721%
73	20.615	2993	2997	3001	rBV2	53828	75302	3.52%	0.316%
74	20.680	3001	3008	3011	rVV2	78437	141929	6.64%	0.595%
75	20.715	3011	3014	3017	rVV	57530	67533	3.16%	0.283%
76	20.751	3018	3020	3026	rVB3	25070	34283	1.60%	0.144%
77	20.815	3027	3031	3034	rBV	46720	60304	2.82%	0.253%
78	20.862	3035	3039	3041	rVV3	45970	62981	2.95%	0.264%
79	20.892	3041	3044	3049	rVB	102168	119572	5.60%	0.501%
80	21.062	3069	3073	3075	rBV5	17626	27613	1.29%	0.116%
81	21.092	3075	3078	3081	rVV3	18431	29672	1.39%	0.124%
82	21.251	3101	3105	3111	rVB	136868	173637	8.13%	0.728%
83	21.415	3126	3133	3135	rBV2	119231	216078	10.11%	0.906%
84	21.445	3135	3138	3143	rVV3	256422	384500	18.00%	1.612%
85	21.498	3143	3147	3150	rVV2	137227	232367	10.88%	0.974%
86	21.539	3150	3154	3163	rVB2	194963	349050	16.34%	1.464%
87	21.651	3169	3173	3181	rVB2	157551	195540	9.15%	0.820%
88	21.756	3185	3191	3197	rBV2	702325	1540797	72.13%	6.461%
89	21.809	3197	3200	3206	rVB	540611	681392	31.90%	2.857%
90	21.933	3217	3221	3226	rBV	84905	111486	5.22%	0.467%
91	22.092	3244	3248	3253	rBV	81847	122079	5.71%	0.512%
92	22.351	3289	3292	3297	rVB	66240	92220	4.32%	0.387%
93	22.851	3374	3377	3381	rVB2	44704	57775	2.70%	0.242%
94	23.398	3467	3470	3474	rBV	44530	58213	2.73%	0.244%
95	23.456	3474	3480	3485	rBV	369817	844361	39.53%	3.541%
96	23.986	3563	3570	3574	rBV	202540	418269	19.58%	1.754%
97	24.033	3574	3578	3583	rVV	205451	438690	20.54%	1.840%
98	24.086	3583	3587	3594	rVB	279281	526554	24.65%	2.208%
99	24.192	3599	3605	3610	rBV	209057	399400	18.70%	1.675%
100	26.691	4025	4030	4041	rVB2	148004	425118	19.90%	1.783%

Sum of corrected areas: 23847333

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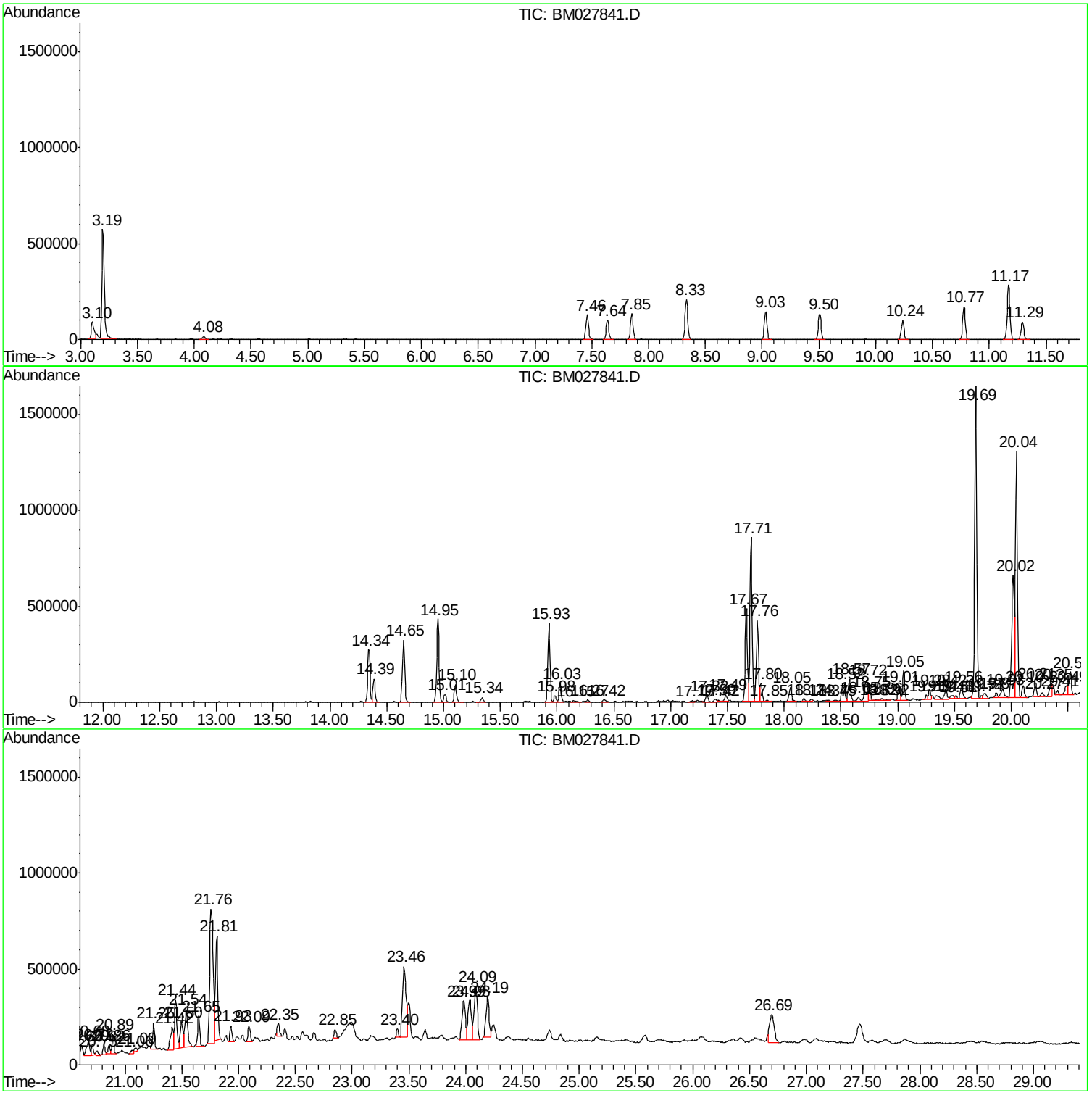
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
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Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

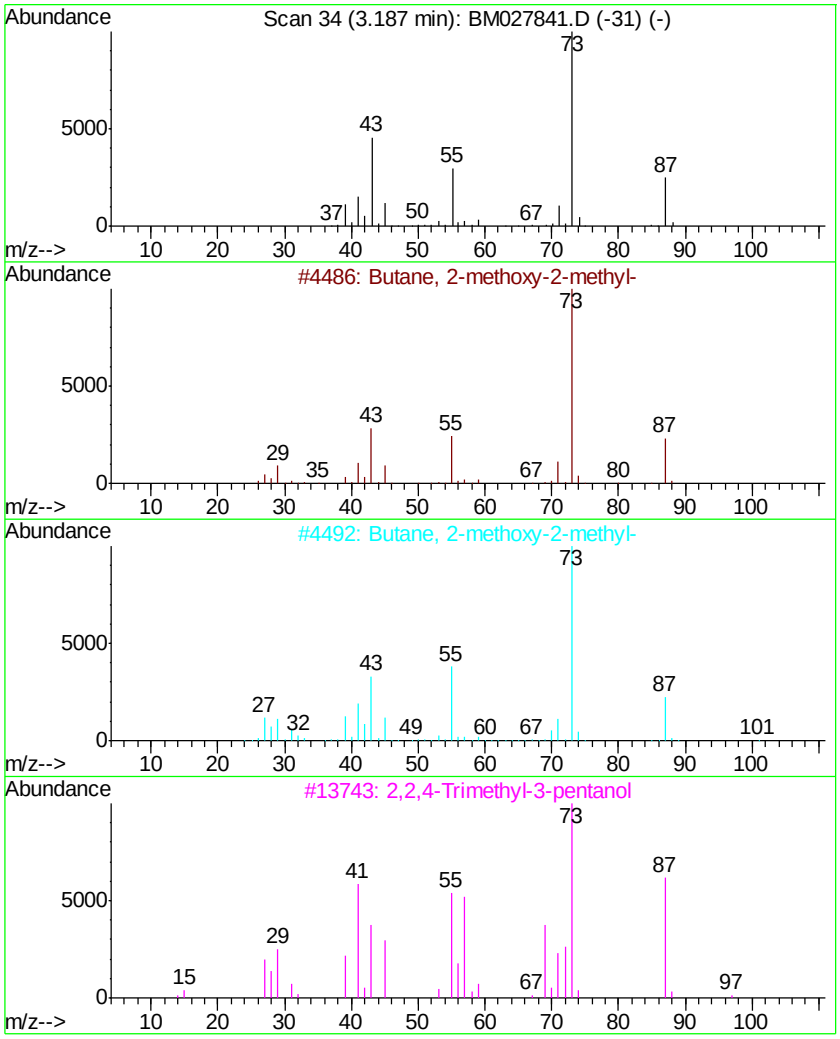
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

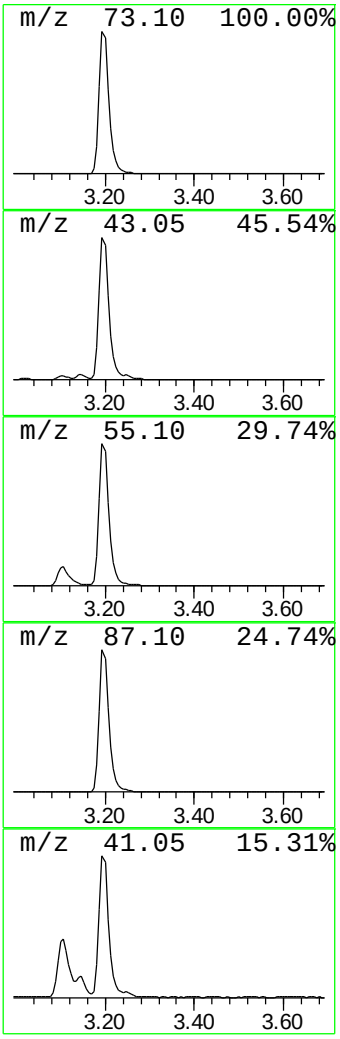
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	50.71 ng/ul	834574	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

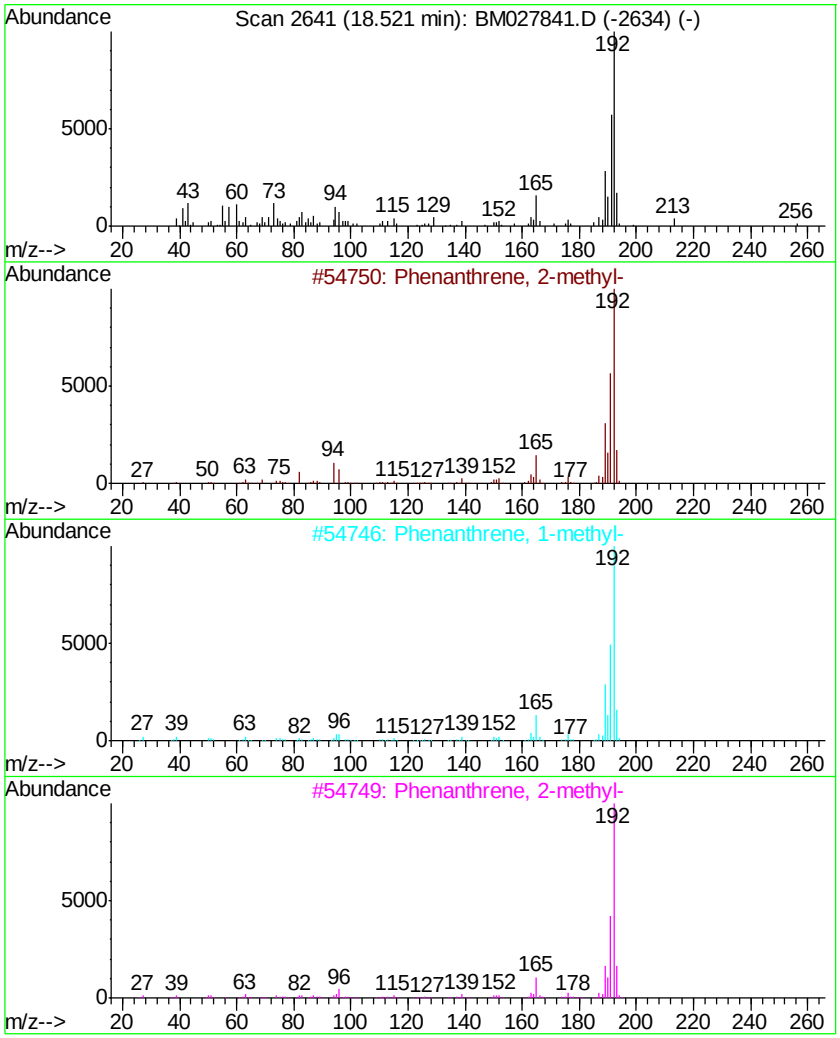
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

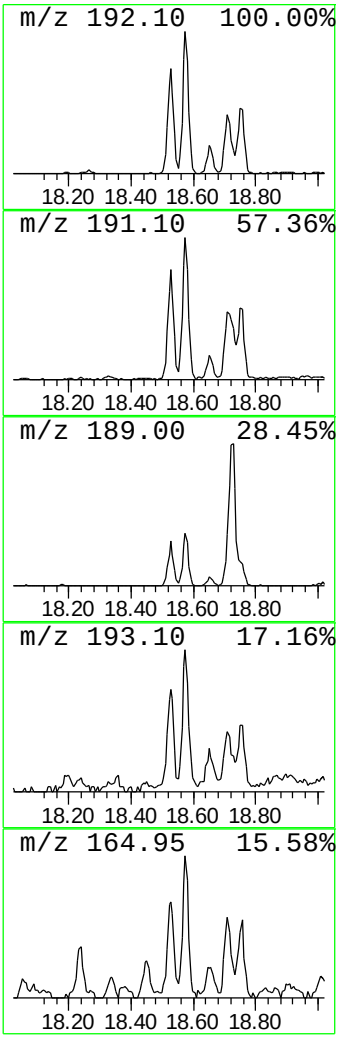
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	5.28 ng/ul	191676	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

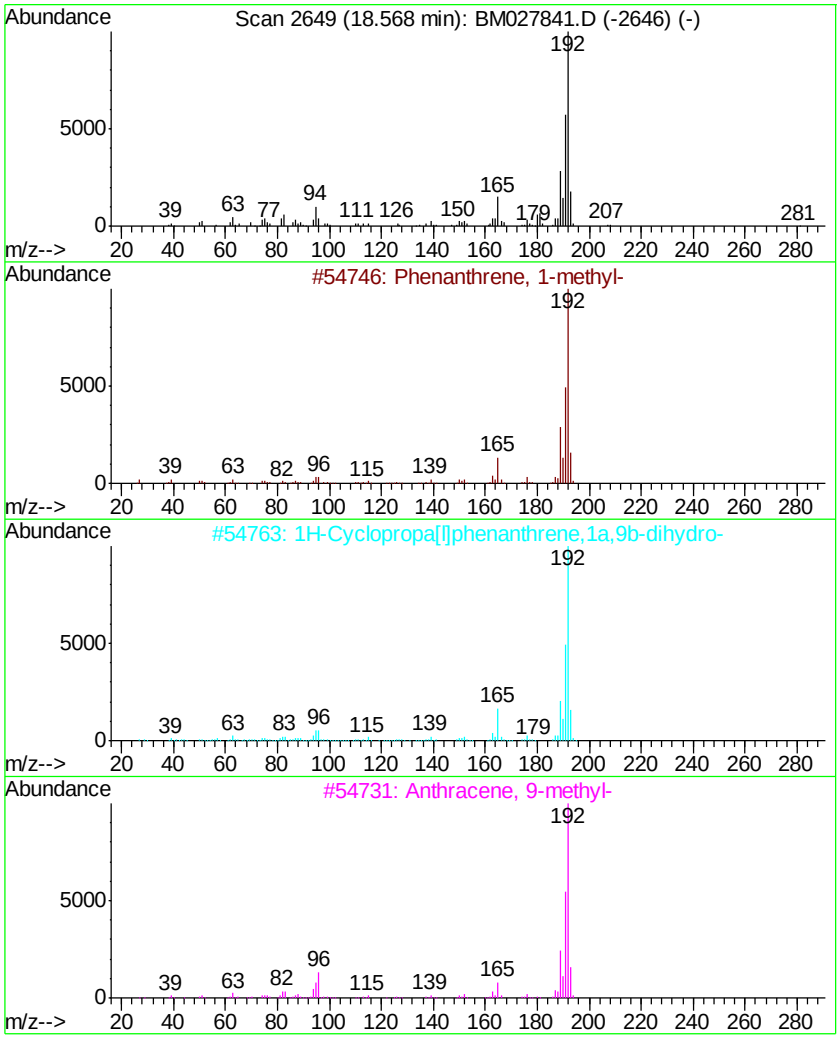
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

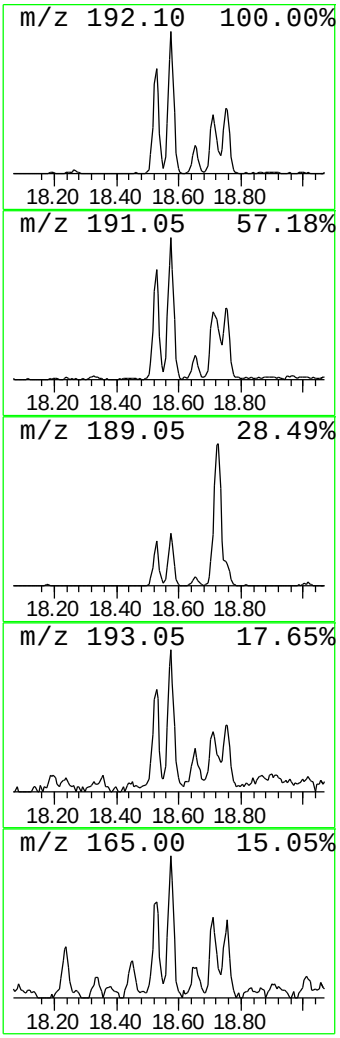
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.38 ng/ul	158912	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

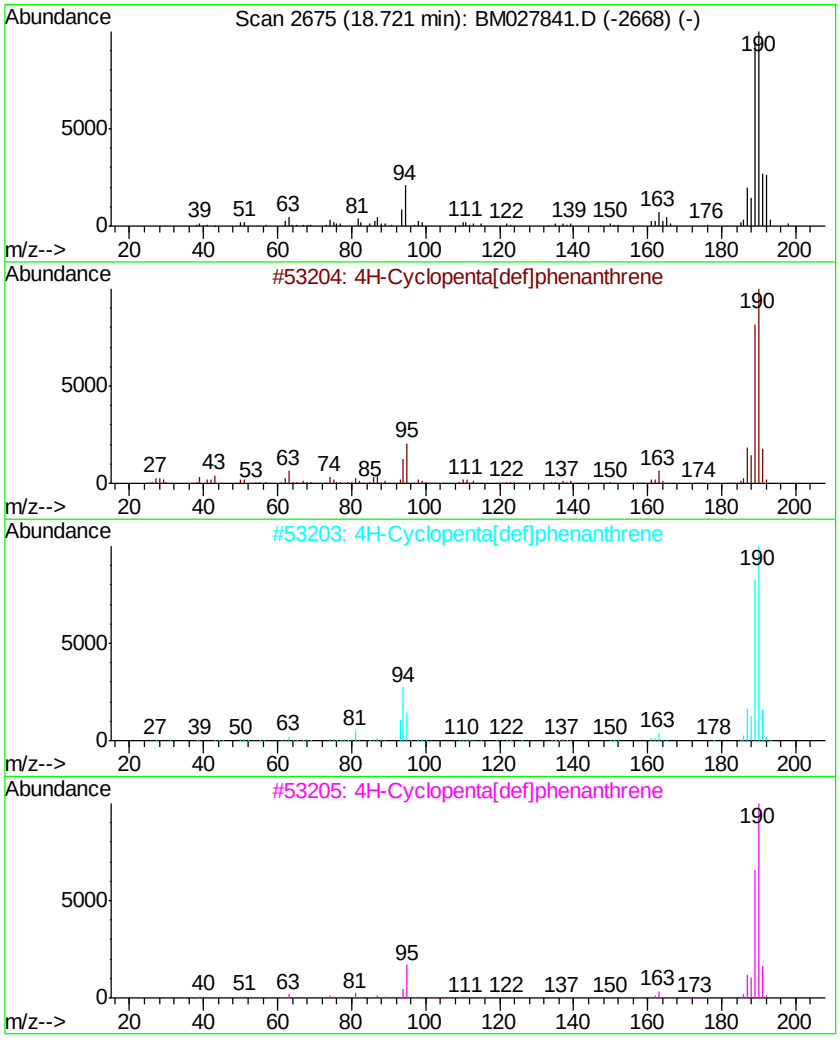
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

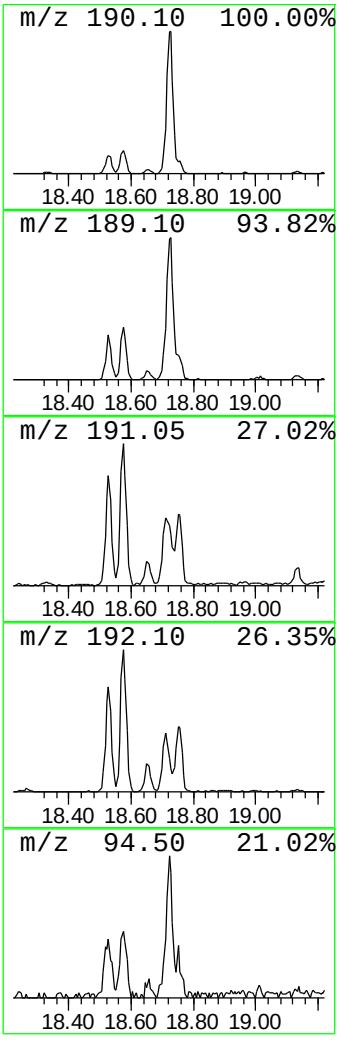
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	5.75 ng/ul	208737	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027841.D
Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION

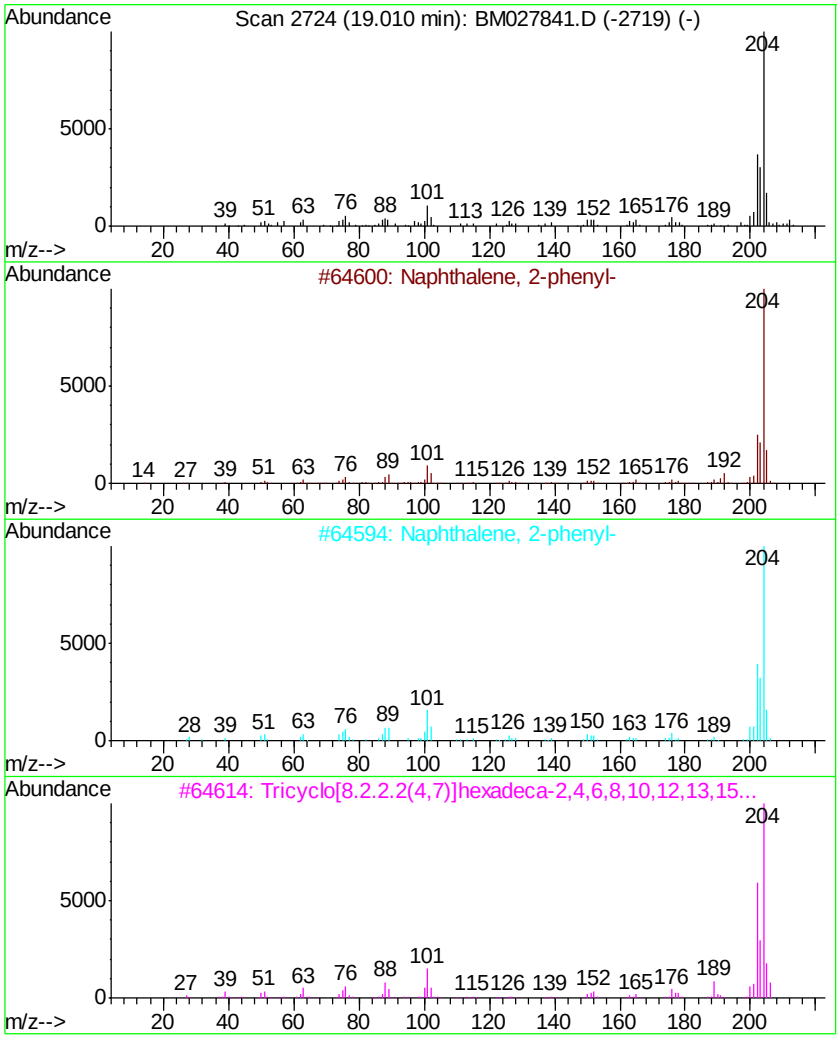
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

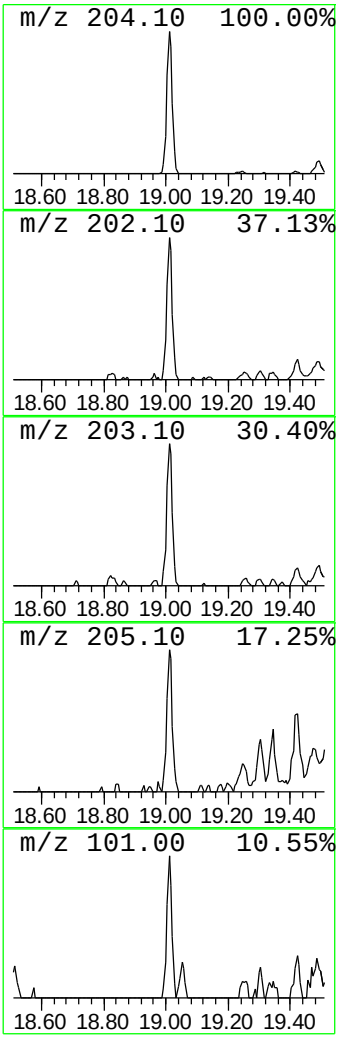
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.87 ng/ul	104234	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Library Search Compound Report

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Acq On : 19 Nov 2020 13:11
Operator : JU/CG
Sample : L4710-06
Misc :
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Instrument : BNA_M
ClientSampleId : C0AX2

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Quant Title : SVOA CALIBRATION

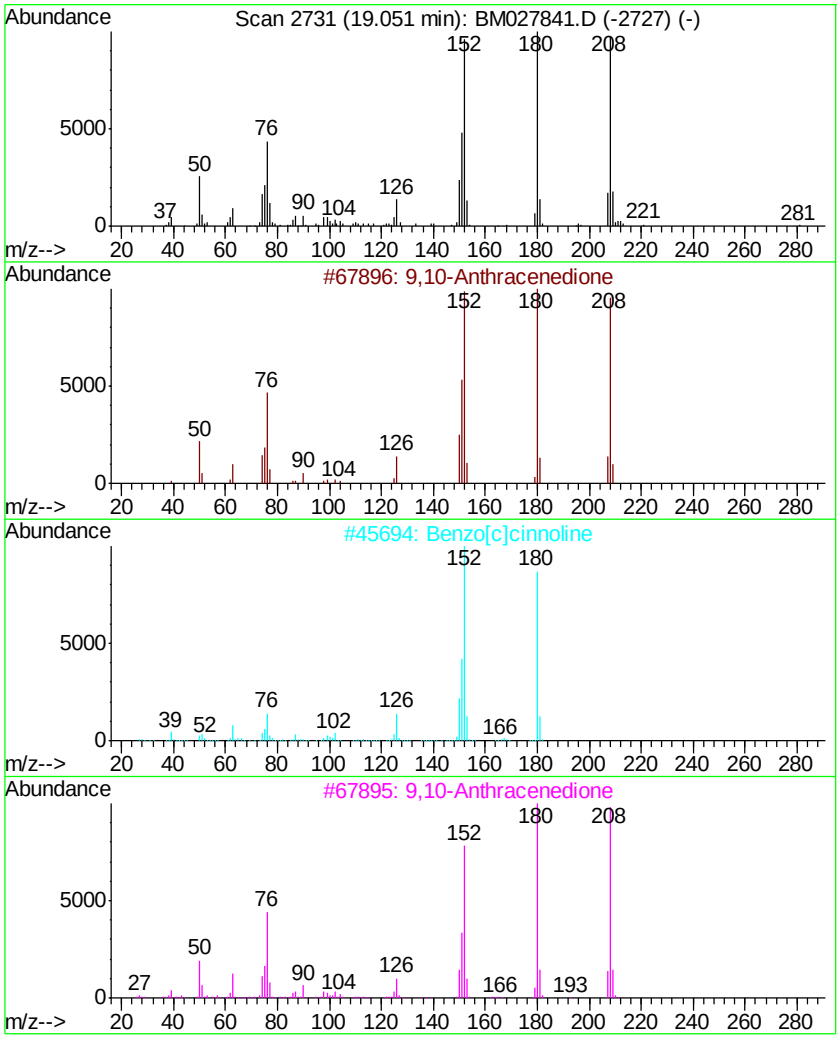
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

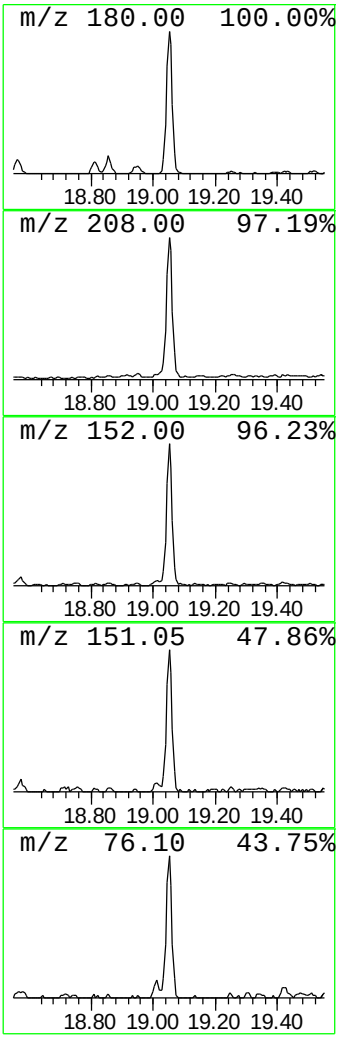
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	5.51 ng/ul	199995	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Quant Title : SVOA CALIBRATION

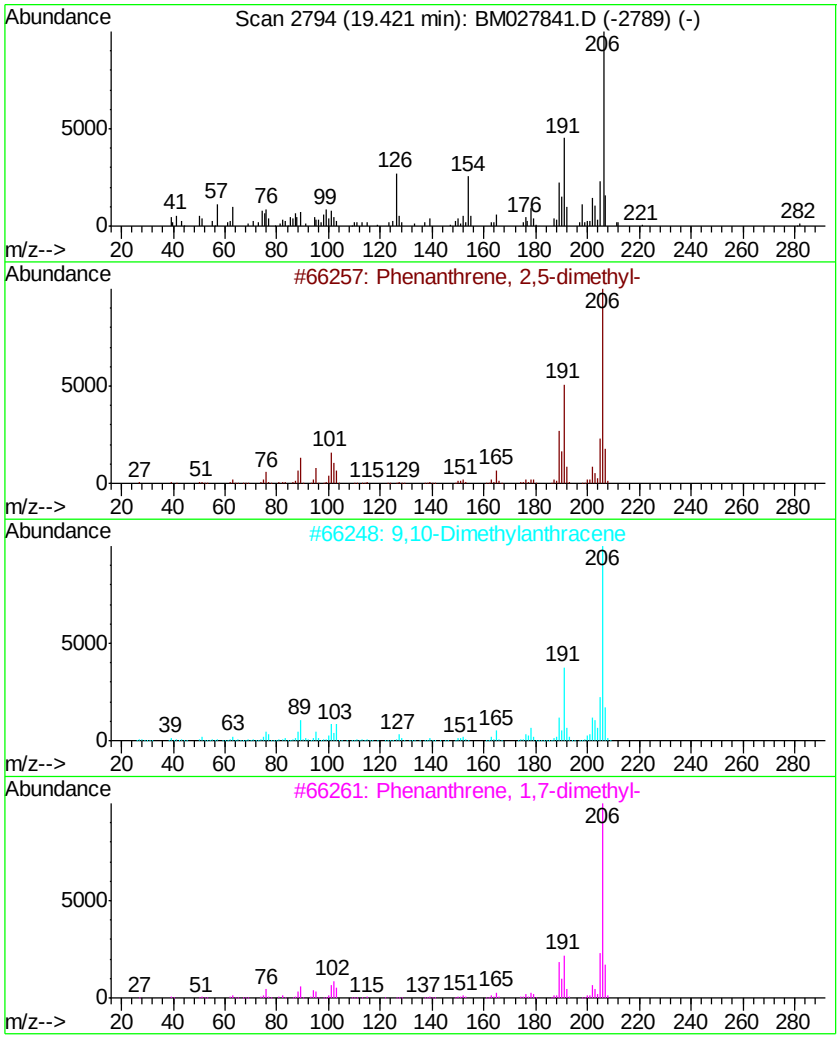
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

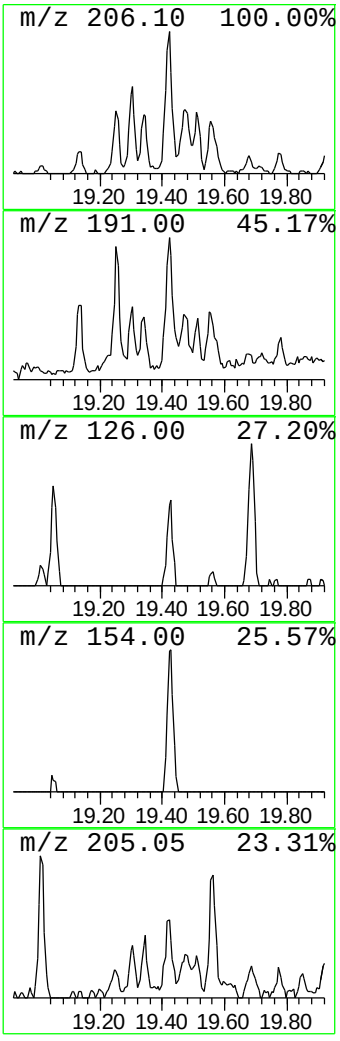
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.23 ng/ul	80989	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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ClientSampleId : C0AX2

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Quant Title : SVOA CALIBRATION

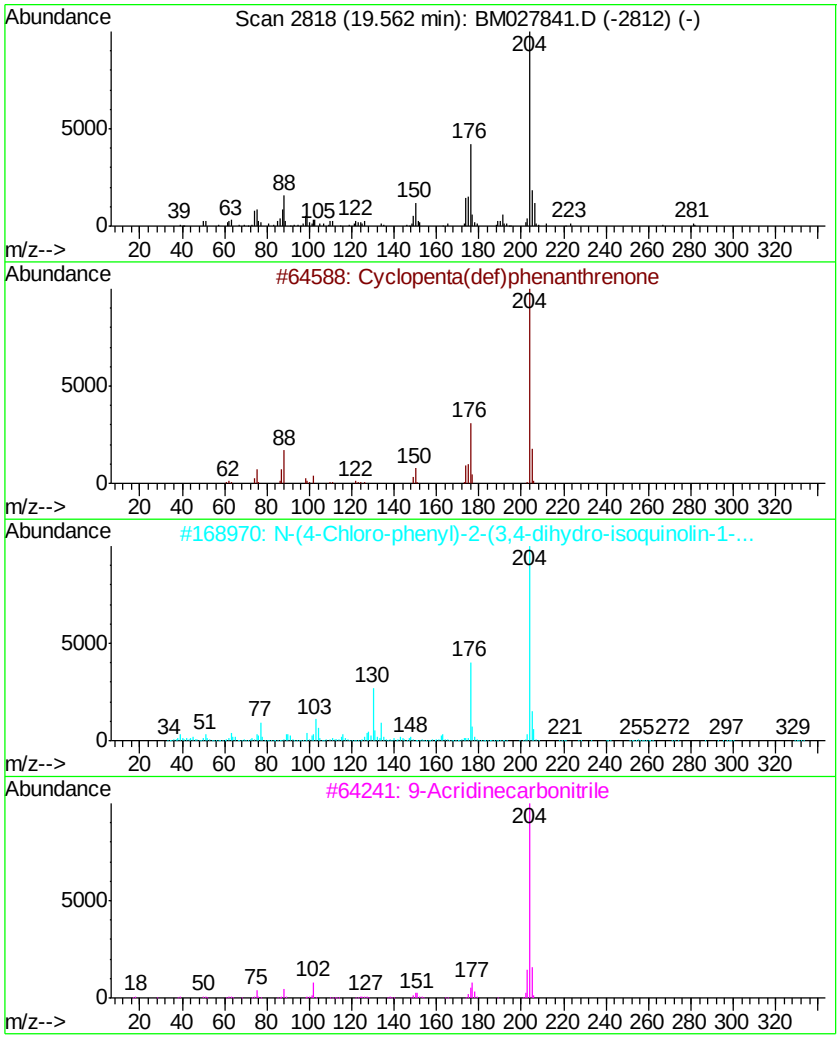
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

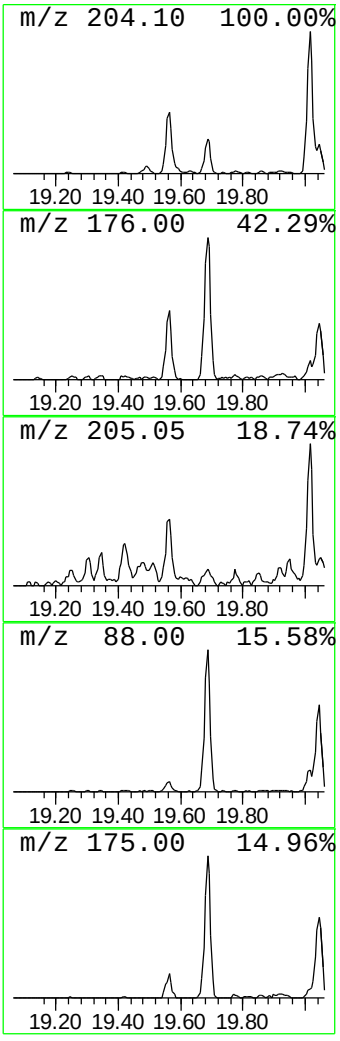
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.87 ng/ul	104050	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





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Quant Title : SVOA CALIBRATION

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

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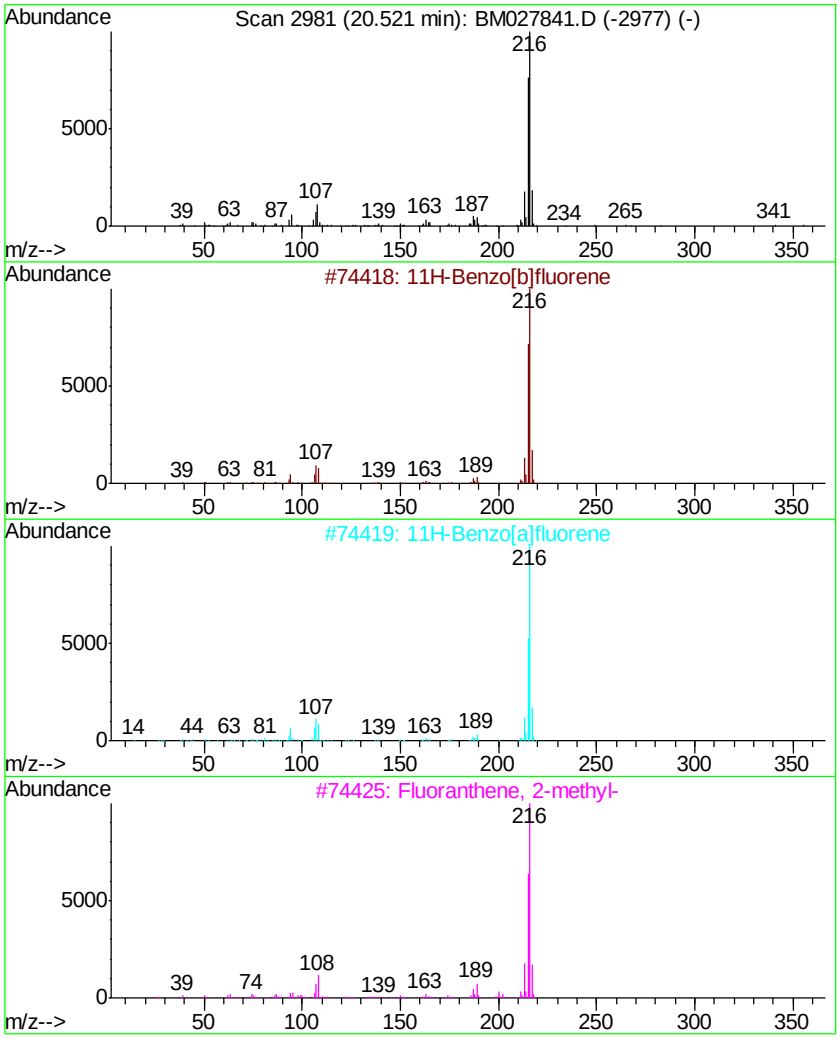
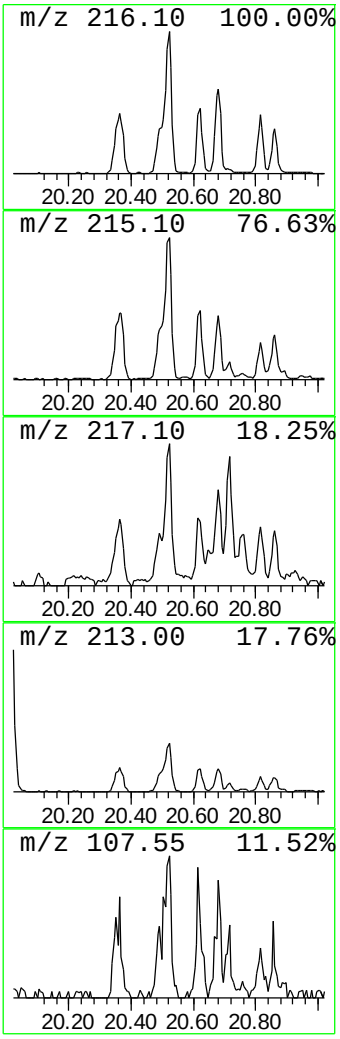
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.23 ng/ul	171940	Chrysene-d12	21.77

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





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Instrument : BNA_M
ClientSampleId : C0AX2

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Quant Title : SVOA CALIBRATION

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

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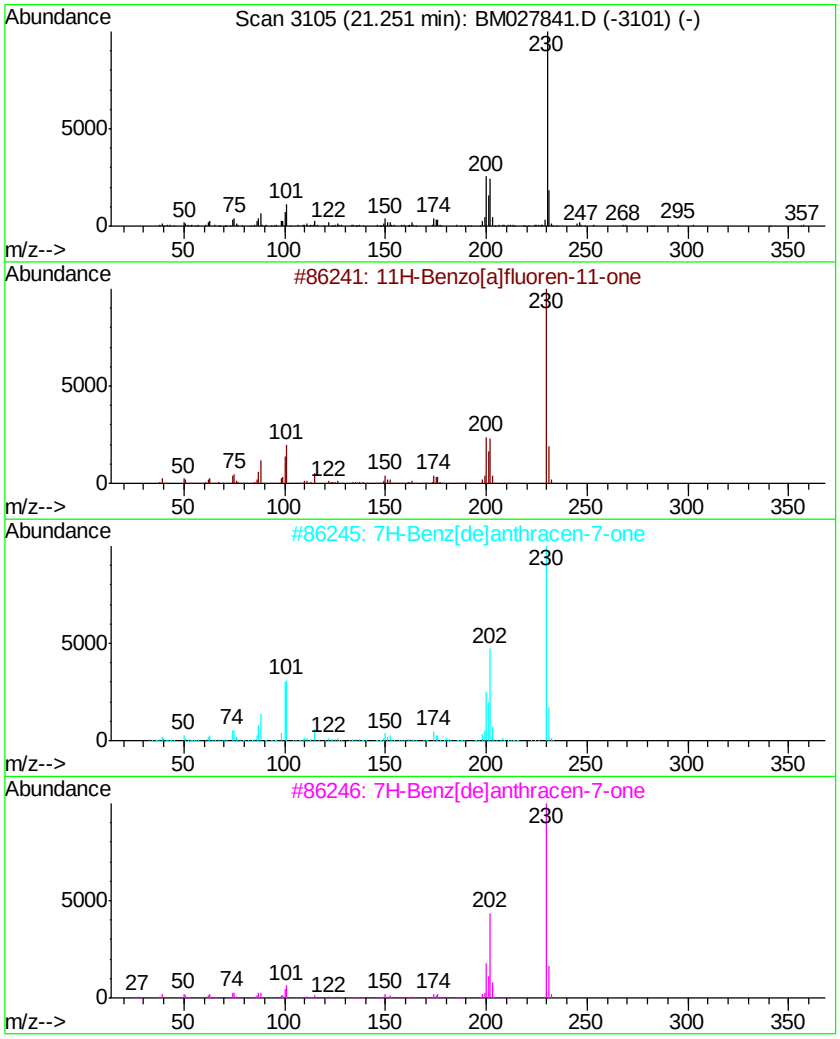
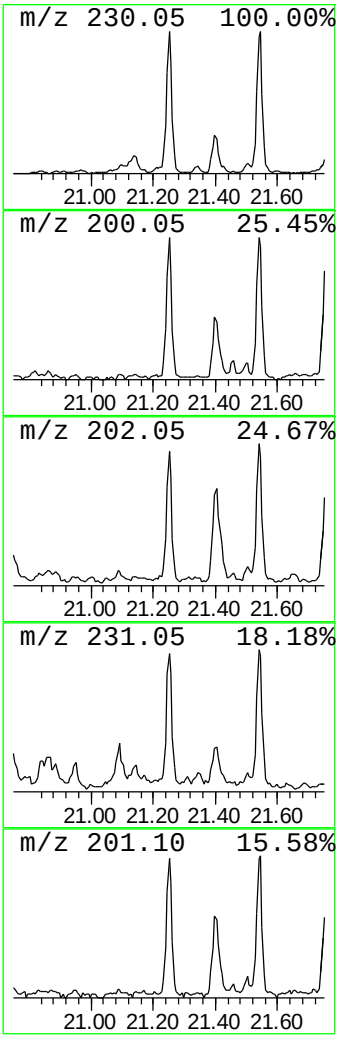
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.25 ng/ul	173637	Chrysene-d12	21.77

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	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Quant Title : SVOA CALIBRATION

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

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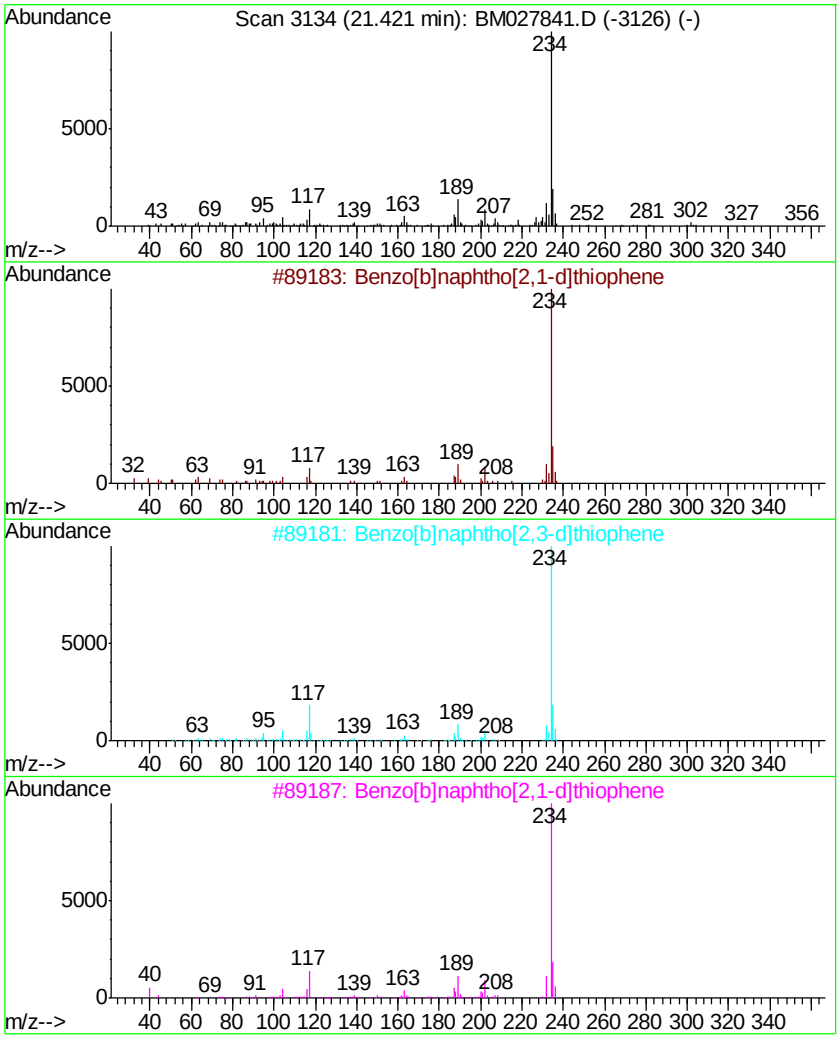
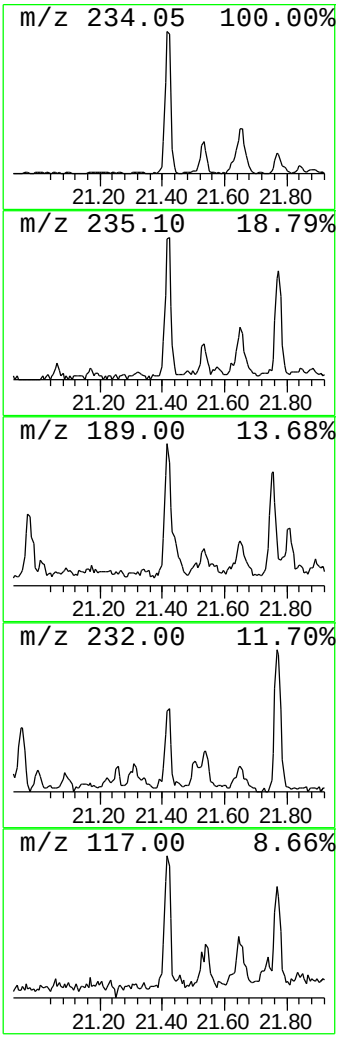
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.80 ng/ul	216078	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	94





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AX2

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Quant Title : SVOA CALIBRATION

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

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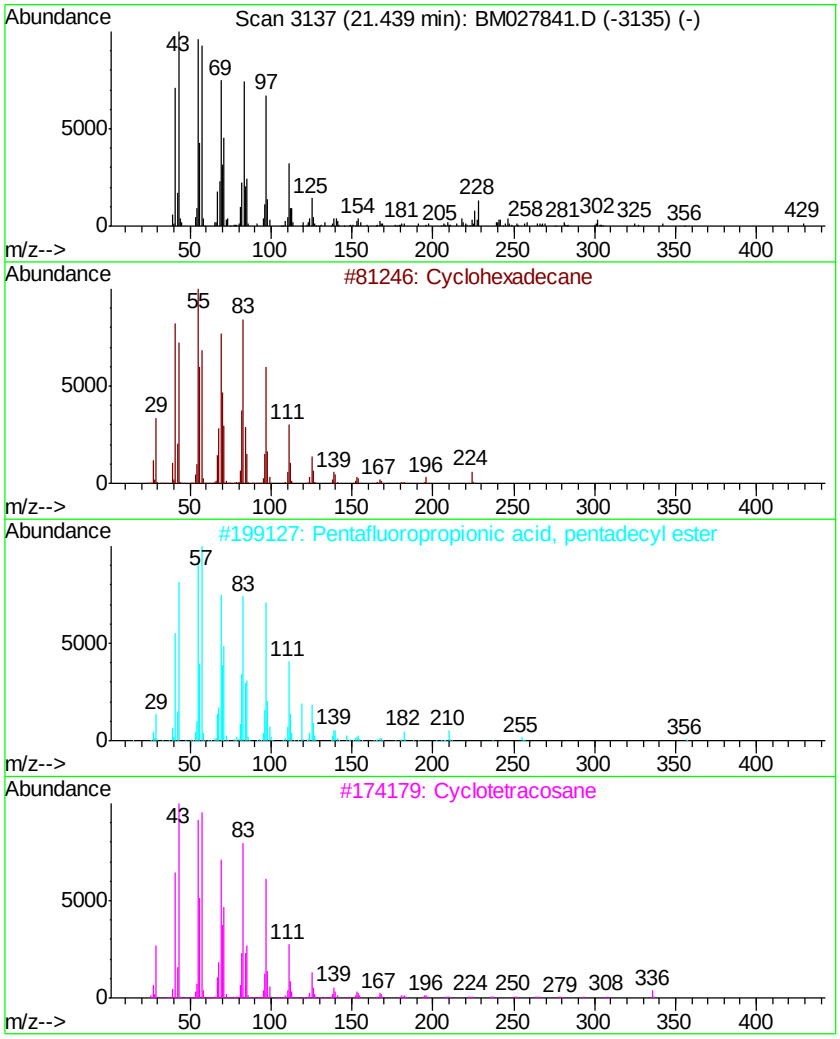
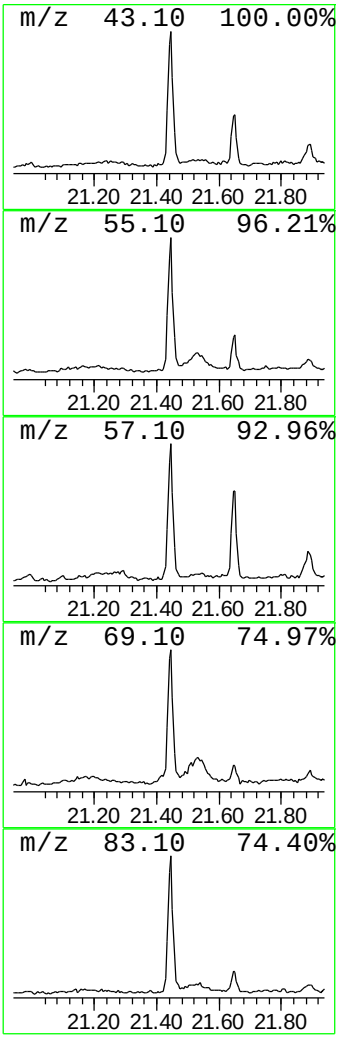
Peak Number 13 (DEL) Alkane: Cyclic21.44 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	4.99 ng/ul	384500	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
3	Cyclotetracosane	336	C24H48	000297-03-0	83
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	76





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Quant Title : SVOA CALIBRATION

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

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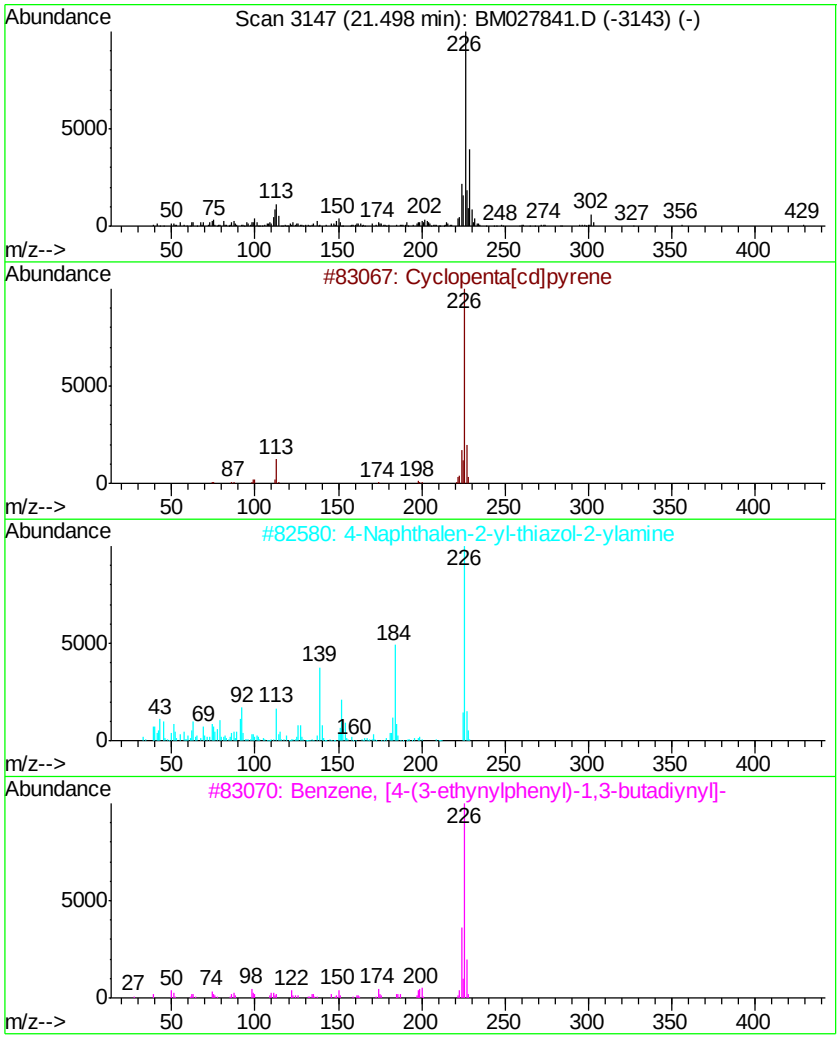
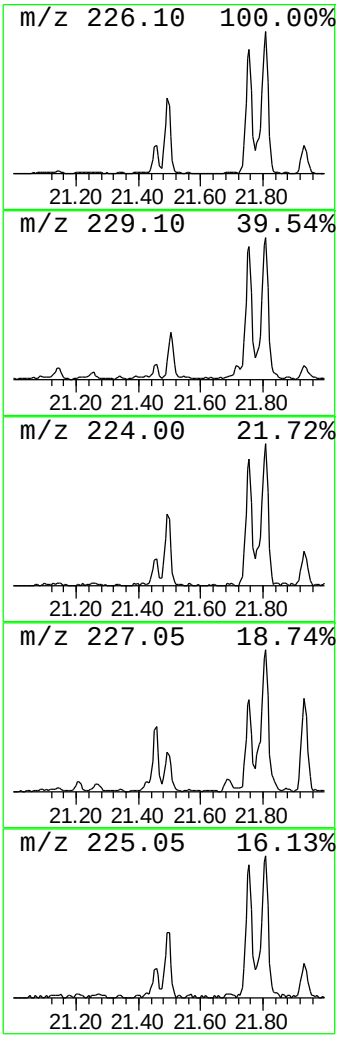
Peak Number 14 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.02 ng/ul	232367	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	43
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	38
5	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	38





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Quant Title : SVOA CALIBRATION

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

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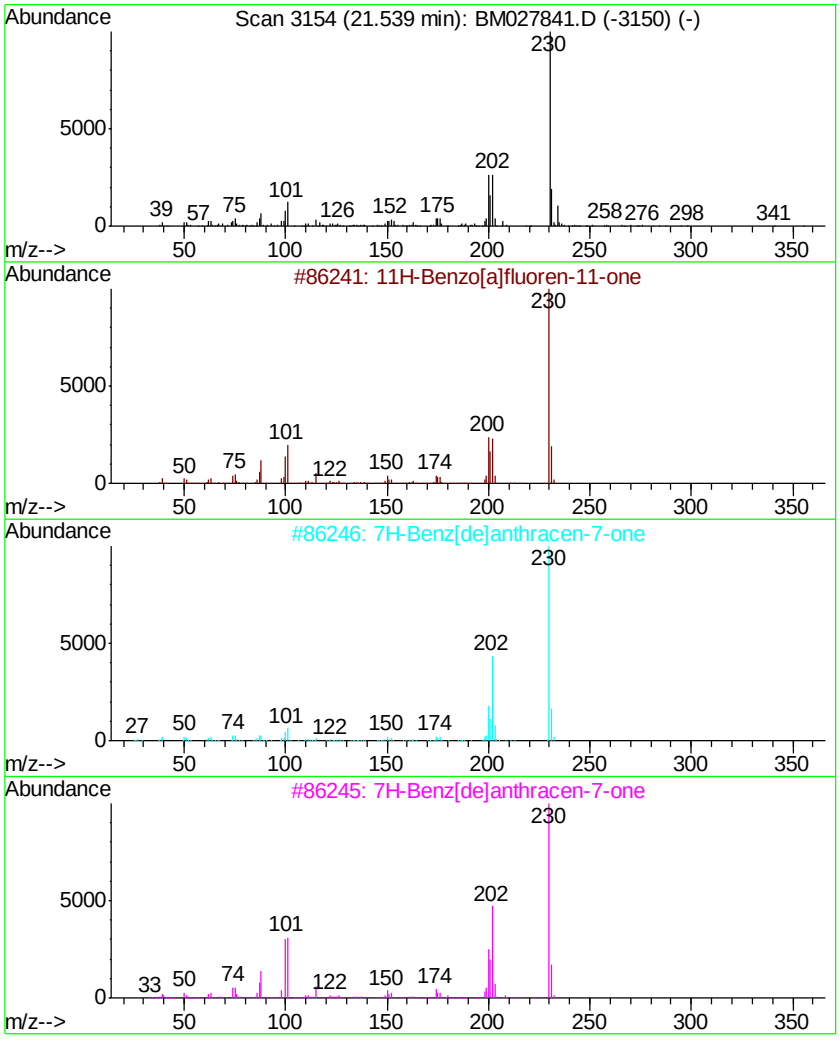
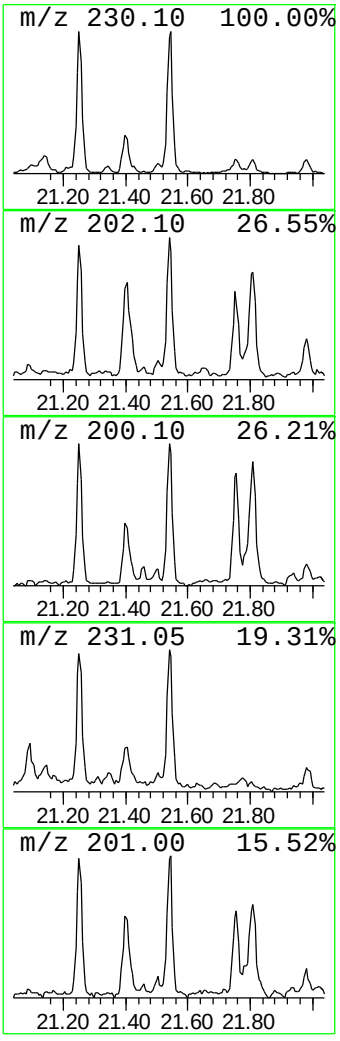
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	4.53 ng/ul	349050	Chrysene-d12	21.77

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	68
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64





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Quant Title : SVOA CALIBRATION

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

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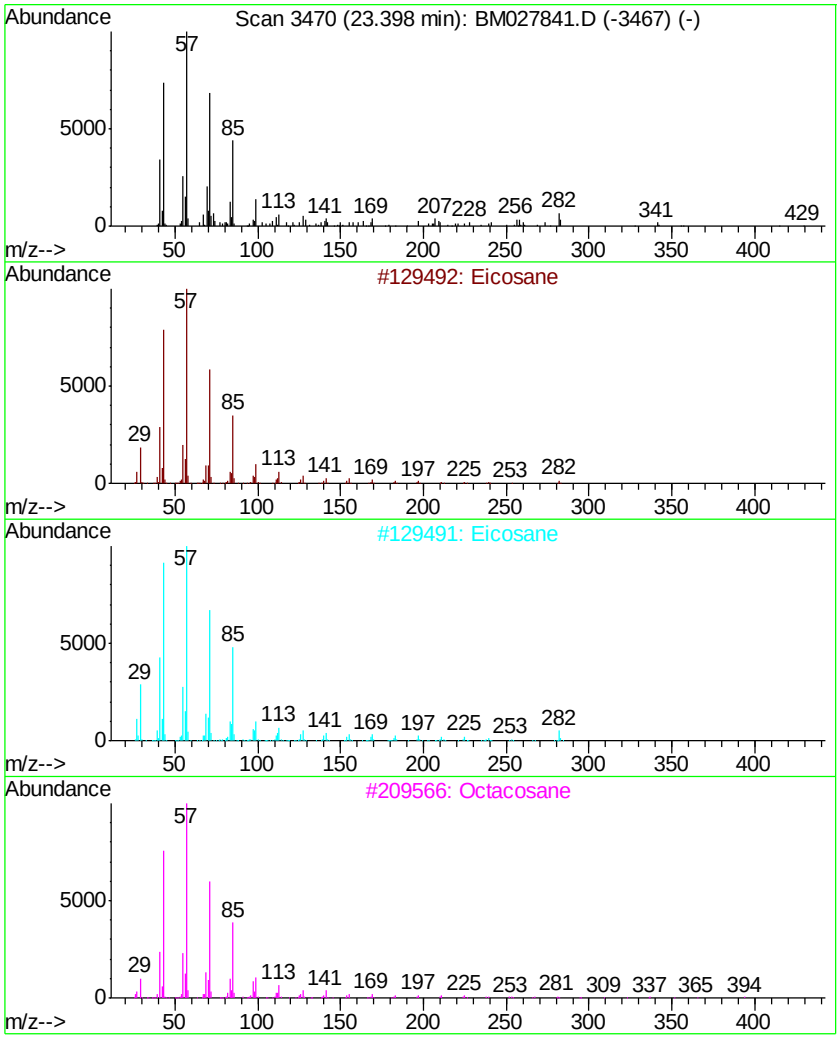
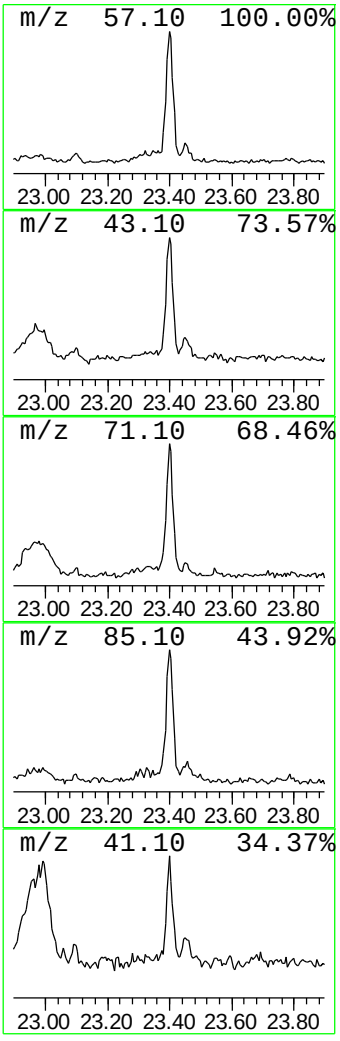
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	2.92 ng/ul	58213	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Eicosane	282	C20H42	000112-95-8	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
5	Heptacosane	380	C27H56	000593-49-7	80





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Quant Title : SVOA CALIBRATION

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

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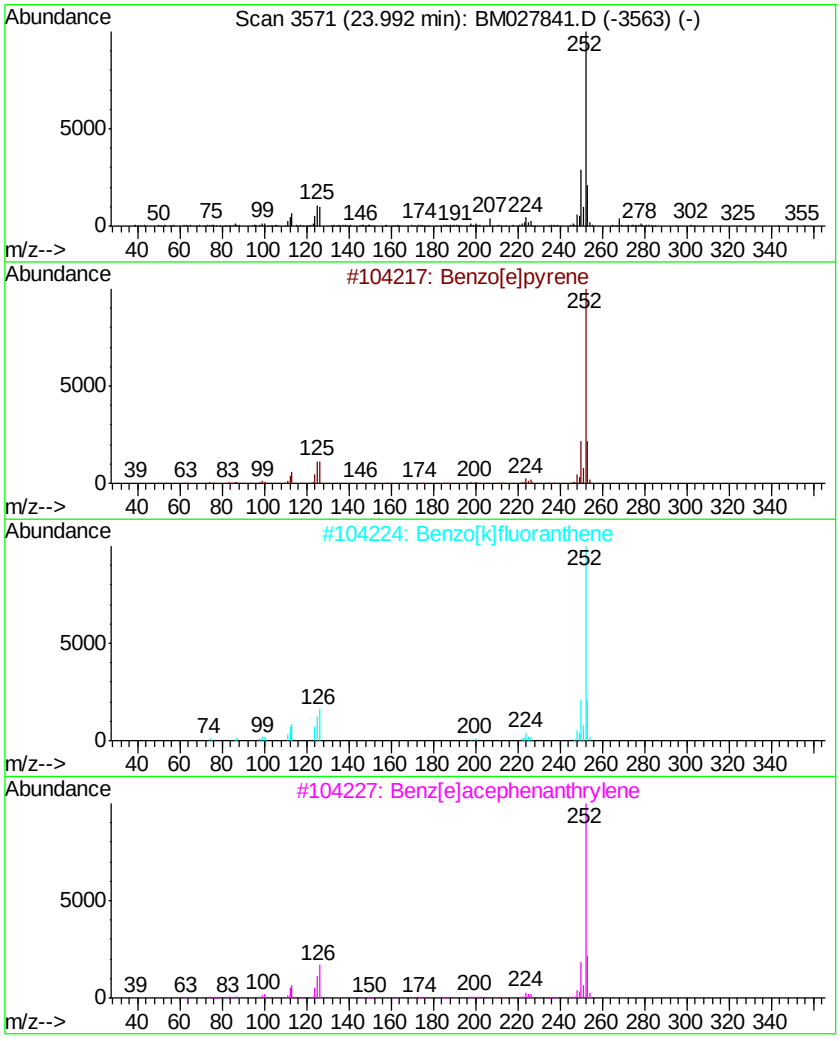
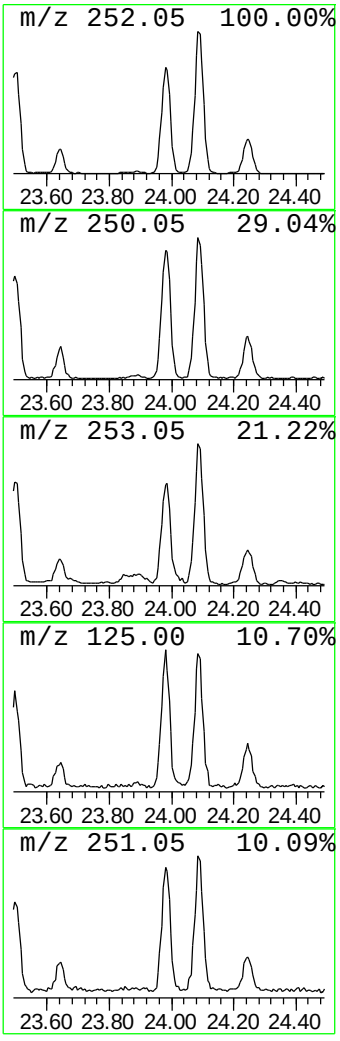
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	20.94 ng/ul	418269	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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Sample : L4710-06
Misc :
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Instrument : BNA_M
ClientSampleId : C0AX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.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
Butane, 2-methoxy...	3.19	50.7	ng/ul	834574	1	8.33	329157	20.0
Phenanthrene, 2-m...	18.52	5.3	ng/ul	191676	4	17.67	725442	20.0
Phenanthrene, 1-m...	18.57	4.4	ng/ul	158912	4	17.67	725442	20.0
4H-Cyclopenta[def...	18.72	5.8	ng/ul	208737	4	17.67	725442	20.0
Naphthalene, 2-ph...	19.01	2.9	ng/ul	104234	4	17.67	725442	20.0
9,10-Anthracenedione	19.05	5.5	ng/ul	199995	4	17.67	725442	20.0
Phenanthrene, 2,5...	19.42	2.2	ng/ul	80989	4	17.67	725442	20.0
Cyclopenta(def)ph...	19.56	2.9	ng/ul	104050	4	17.67	725442	20.0
11H-Benzo[b]fluorene	20.52	2.2	ng/ul	171940	5	21.77	1540800	20.0
11H-Benzo[a]fluor...	21.25	2.3	ng/ul	173637	5	21.77	1540800	20.0
Benzo[b]naphtho[2...	21.42	2.8	ng/ul	216078	5	21.77	1540800	20.0
(DEL) Alkane: Cyc...	21.44	5.0	ng/ul	384500	5	21.77	1540800	20.0
unknown-01	21.50	3.0	ng/ul	232367	5	21.77	1540800	20.0
7H-Benz[de]anthra...	21.54	4.5	ng/ul	349050	5	21.77	1540800	20.0
(DEL) Alkane: Str...	23.40	2.9	ng/ul	58213	6	24.19	399400	20.0
Benzo[e]pyrene	23.99	20.9	ng/ul	418269	6	24.19	399400	20.0