LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

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-BM011621MA.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	7.893	828	834	842	rBB	94111	145563	1.49%	0.150%
2	8.616	951	957	967	rBV	70479	109404	1.12%	0.113%
3	10.334	1243	1249	1258	rBB	74982	122400	1.25%	0.126%
4	10.704	1304	1312	1317	rBV	123894	206087	2.10%	0.212%
5	13.957	1861	1865	1870	rVV	133436	173148	1.77%	0.178%
6	14.239	1908	1913	1916	rVV	157428	236451	2.41%	0.243%
7	14.269	1916	1918	1930	rVB	111249	147603	1.51%	0.152%
8	14.545	1956	1965	1971	rBV2	179145	270713	2.76%	0.279%
9	14.610	1971	1976	1983	rVB	70767	105695	1.08%	0.109%
10	14.945	2027	2033	2041	rVV	97914	149214	1.52%	0.154%
11	15.539	2124	2134	2138	rVV	196309	274583	2.80%	0.283%
12	15.592	2138	2143	2153	rVB	124506	190932	1.95%	0.197%
13	15.886	2188	2193	2199	rVB	72870	110821	1.13%	0.114%
14	16.033	2213	2218	2226	rVB	78329	145819	1.49%	0.150%
15	16.816	2343	2351	2355	rBV3	67696	123123	1.26%	0.127%
16	16.945	2367	2373	2379	rVB	354589	495653	5.06%	0.510%
17	17.015	2379	2385	2391	rBV	68275	130090	1.33%	0.134%
18	17.104	2395	2400	2408	rVB	201507	297650	3.04%	0.306%
19	17.286	2426	2431	2434	rBV	186594	306849	3.13%	0.316%
20	17.345	2434	2441	2445	rVV	3318525	5522900	56.38%	5.686%
21	17.386	2445	2448	2450	rVV2	274135	352773	3.60%	0.363%
22	17.421	2450	2454	2458	rVV	825827	1099277	11.22%	1.132%
23	17.474	2458	2463	2468	rVB2	74466	136346	1.39%	0.140%
24	17.692	2490	2500	2510	rBV2	526452	1020151	10.41%	1.050%
25	17.798	2514	2518	2524	rBV2	106798	140394	1.43%	0.145%
26	17.862	2524	2529	2536	rVB4	161212	282973	2.89%	0.291%
27	18.157	2569	2579	2583	rBV	675885	1125532	11.49%	1.159%
28	18.204	2583	2587	2593	rVB	932796	1275377	13.02%	1.313%
29	18.286	2593	2601	2605	rBV	259592	382326	3.90%	0.394%
30	18.345	2605	2611	2615	rBV2	692095	1306484	13.34%	1.345%
31	18.386	2615	2618	2624	rVB	509715	650945	6.65%	0.670%
32	18.457	2624	2630	2634	rBV3	103508	164340	1.68%	0.169%
33	18.504	2634	2638	2641	rVV2	100682	122925	1.25%	0.127%
34	18.651	2658	2663	2668	rVV	549506	763626	7.80%	0.786%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

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-BM011621MA.M
Title : SVOA CALIBRATION

35	18.709	2668	2673	2678	rVB	725237	991642	10.12%	1.021%
36	18.892	2696	2704	2710	rBV4	173495	405118	4.14%	0.417%
37	18.945	2710	2713	2716	rVV	188798	232642	2.37%	0.240%
38	18.986	2716	2720	2724	rVB	162457	215251	2.20%	0.222%
39	19.068	2728	2734	2738	rBV	383666	647627	6.61%	0.667%
40	19.109	2738	2741	2747	rVV3	224244	541044	5.52%	0.557%
41	19.162	2747	2750	2754	rVV	142437	197325	2.01%	0.203%
42	19.227	2754	2761	2767	rVB2	511167	901276	9.20%	0.928%
43	19.357	2773	2783	2787	rBV	4614668	9381676	95.77%	9.659%
44	19.398	2787	2790	2793	rVV	127258	148511	1.52%	0.153%
45	19.433	2793	2796	2801	rVB2	280923	364910	3.73%	0.376%
46	19.551	2808	2816	2818	rBV2	213728	407920	4.16%	0.420%
47	19.574	2818	2820	2824	rVB	188533	206212	2.11%	0.212%
48	19.715	2831	2844	2848	rBV2	4285621	9795825	100.00%	10.086%
49	19.762	2848	2852	2858	rVB2	446047	618633	6.32%	0.637%
50	19.868	2858	2870	2876	rBV	449892	842729	8.60%	0.868%
51	19.933	2876	2881	2888	rVB	303468	510632	5.21%	0.526%
52	20.027	2888	2897	2901	rBV4	494017	1277418	13.04%	1.315%
53	20.068	2901	2904	2907	rBV	96829	121355	1.24%	0.125%
54	20.145	2912	2917	2920	rBV4	399301	739793	7.55%	0.762%
55	20.180	2921	2923	2928	rVB	462676	551676	5.63%	0.568%
56	20.280	2936	2940	2943	rBV2	129000	158715	1.62%	0.163%
57	20.339	2943	2950	2954	rBV2	675790	1151036	11.75%	1.185%
58	20.415	2960	2963	2968	rVB2	133557	186984	1.91%	0.193%
59	20.480	2969	2974	2977	rBV	370669	488691	4.99%	0.503%
60	20.521	2977	2981	2985	rVB	345224	428100	4.37%	0.441%
61	20.609	2992	2996	2999	rBV3	82824	135590	1.38%	0.140%
62	20.756	3012	3021	3024	rBV7	152645	418183	4.27%	0.431%
63	20.933	3045	3051	3056	rBV	1240708	1701402	17.37%	1.752%
64	21.009	3061	3064	3069	rVB	93034	122966	1.26%	0.127%
65	21.086	3070	3077	3081	rBV2	1036549	1624799	16.59%	1.673%
66	21.127	3081	3084	3087	rVV	660182	810725	8.28%	0.835%
67	21.168	3087	3091	3095	rVV2	529118	755808	7.72%	0.778%
68	21.227	3095	3101	3106	rVB	1041992	1454585	14.85%	1.498%
69	21.321	3110	3117	3125	rBV2	229120	593898	6.06%	0.611%
70	21.439	3126	3137	3141	rBV2	3184948	6628508	67.67%	6.825%
71	21.492	3141	3146	3153	rVB	3309449	5187667	52.96%	5.341%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

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-BM011621MA.M
Title : SVOA CALIBRATION

72	21.556	3153	3157	3160	rBV2	117522	153047	1.56%	0.158%
73	21.598	3160	3164	3169	rBV5	188469	304203	3.11%	0.313%
74	21.650	3169	3173	3175	rBV3	200721	297473	3.04%	0.306%
75	21.750	3185	3190	3194	rBV3	524486	802170	8.19%	0.826%
76	21.798	3194	3198	3201	rVV2	187870	238850	2.44%	0.246%
77	21.880	3209	3212	3216	rBV3	93131	123258	1.26%	0.127%
78	21.927	3216	3220	3223	rBV	279440	363606	3.71%	0.374%
79	21.986	3223	3230	3234	rVV	724139	1208185	12.33%	1.244%
80	22.039	3235	3239	3245	rVV2	402773	669671	6.84%	0.689%
81	22.098	3245	3249	3253	rVV3	184279	255458	2.61%	0.263%
82	22.180	3259	3263	3275	rVB3	325441	730334	7.46%	0.752%
83	22.280	3275	3280	3284	rBV2	239774	352702	3.60%	0.363%
84	22.468	3309	3312	3318	rBV5	126126	260055	2.65%	0.268%
85	22.574	3327	3330	3334	rBV2	85201	121095	1.24%	0.125%
86	22.756	3355	3361	3371	rBV2	315658	699886	7.14%	0.721%
87	23.039	3398	3409	3412	rBV2	2148761	5746155	58.66%	5.916%
88	23.115	3419	3422	3428	rVB2	142255	227937	2.33%	0.235%
89	23.186	3429	3434	3439	rBV	422443	654619	6.68%	0.674%
90	23.315	3451	3456	3464	rBV3	164242	458077	4.68%	0.472%
91	23.509	3481	3489	3498	rBV	1286468	2794785	28.53%	2.877%
92	23.615	3498	3507	3512	rVB	1733722	3612628	36.88%	3.719%
93	23.692	3516	3520	3523	rVV2	137633	230785	2.36%	0.238%
94	23.739	3523	3528	3535	rVB2	587703	1243427	12.69%	1.280%
95	24.168	3598	3601	3607	rVB2	154624	261344	2.67%	0.269%
96	24.227	3607	3611	3617	rVB3	99325	177092	1.81%	0.182%
97	25.985	3898	3910	3918	rVB	936926	3059833	31.24%	3.150%
98	26.221	3944	3950	3958	rVB	201497	511023	5.22%	0.526%
99	26.321	3962	3967	3975	rVB	123578	290468	2.97%	0.299%
100	26.697	4018	4031	4042	rVB	631460	2244065	22.91%	2.310%

Sum of corrected areas: 97127270

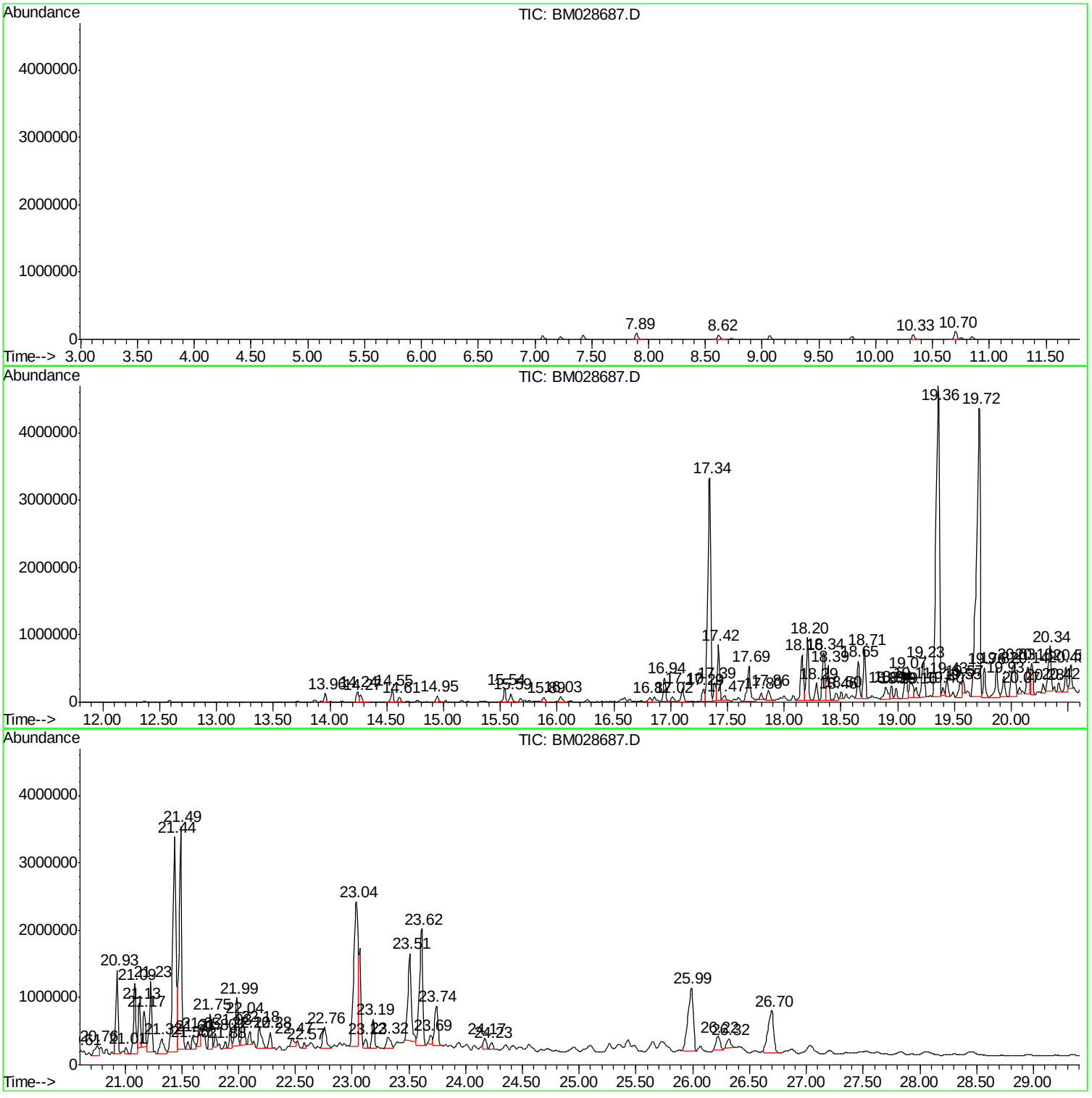
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

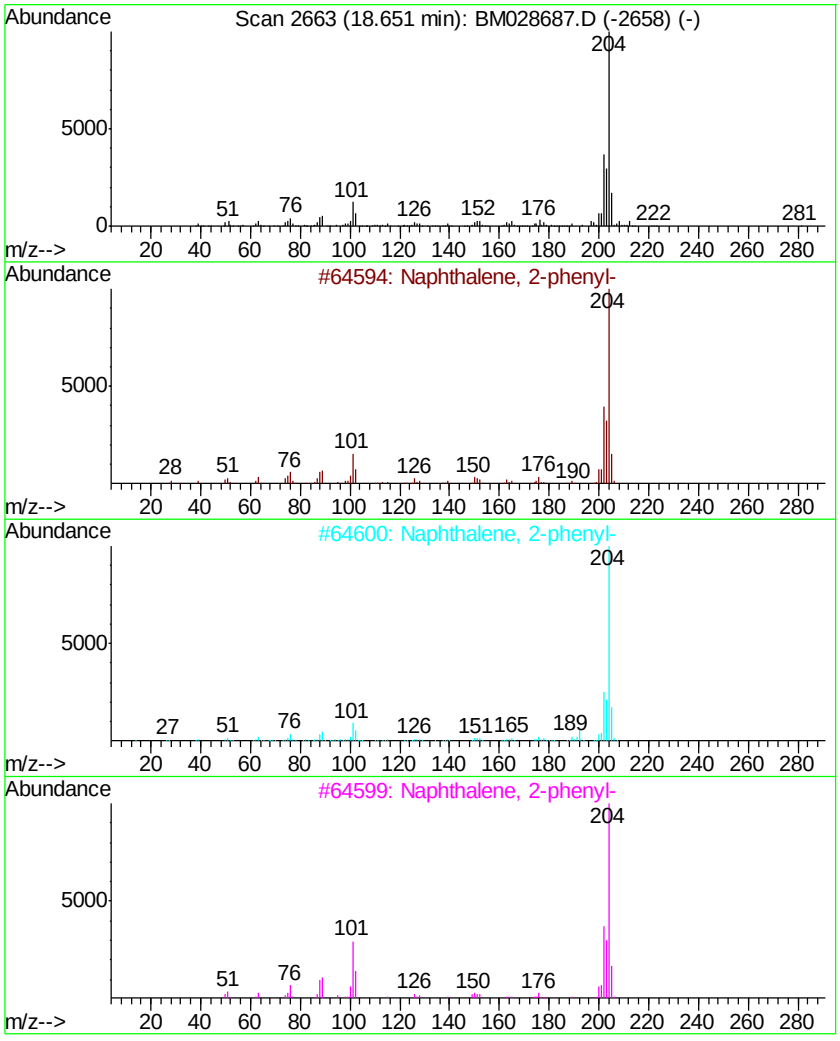
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

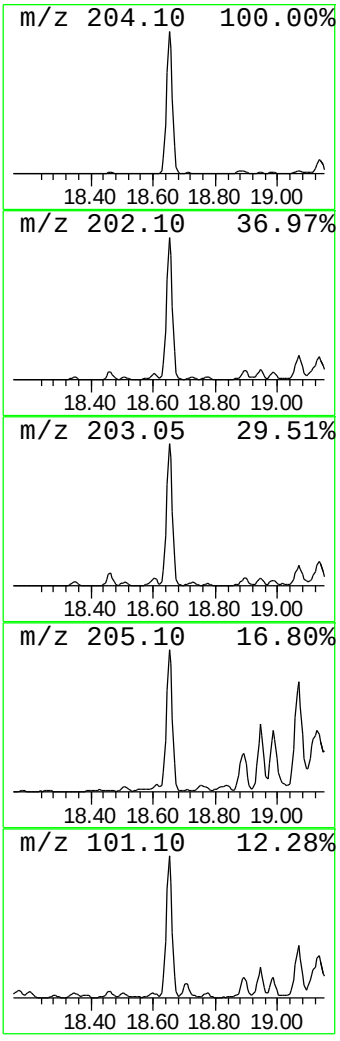
****

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	49.77 ng/ul	763626	Phenanthrene-d10	17.29

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	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

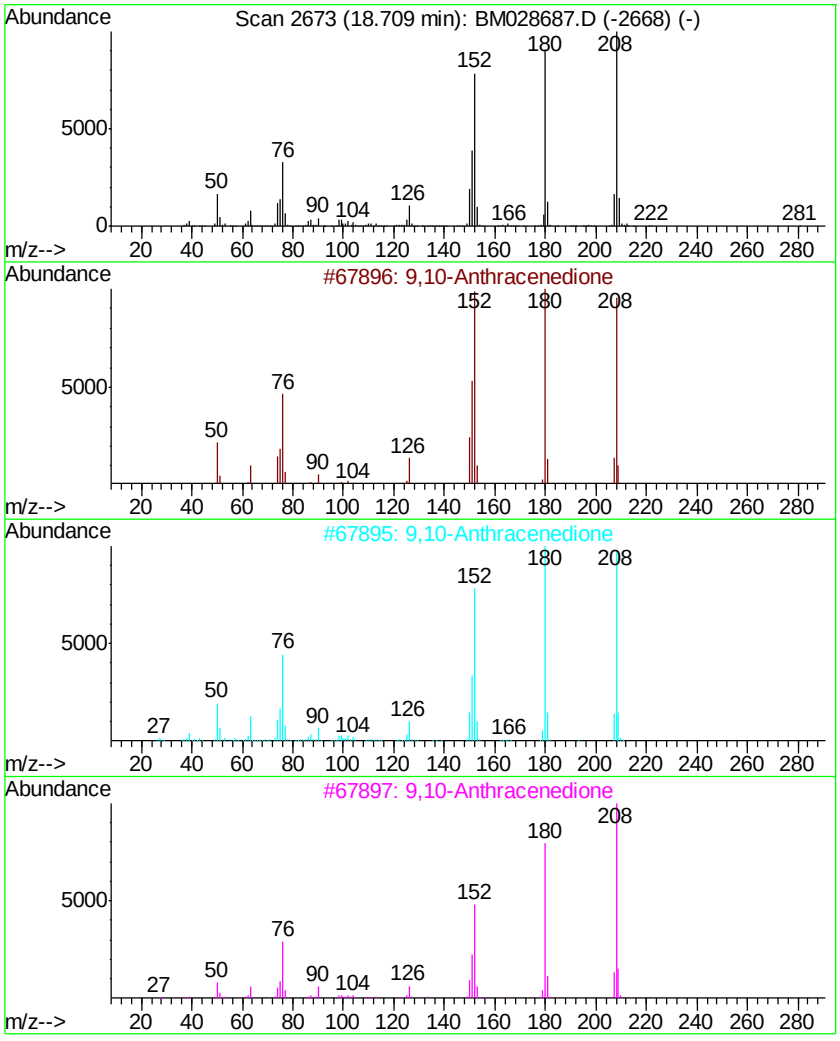
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

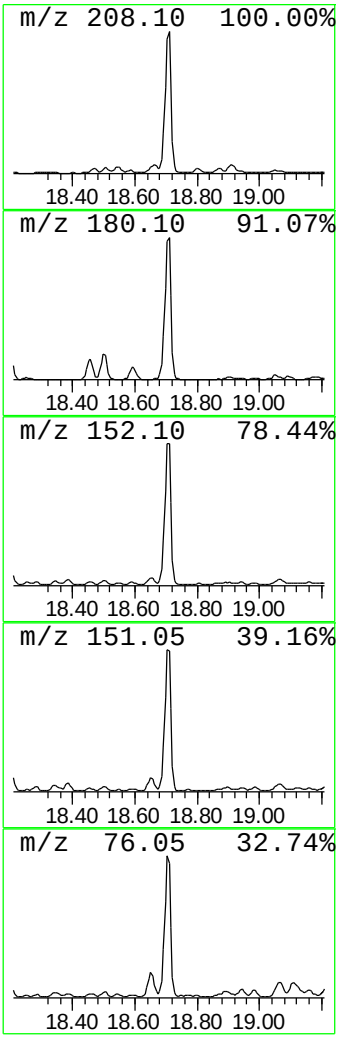
****

Peak Number 18 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	64.63 ng/ul	991642	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

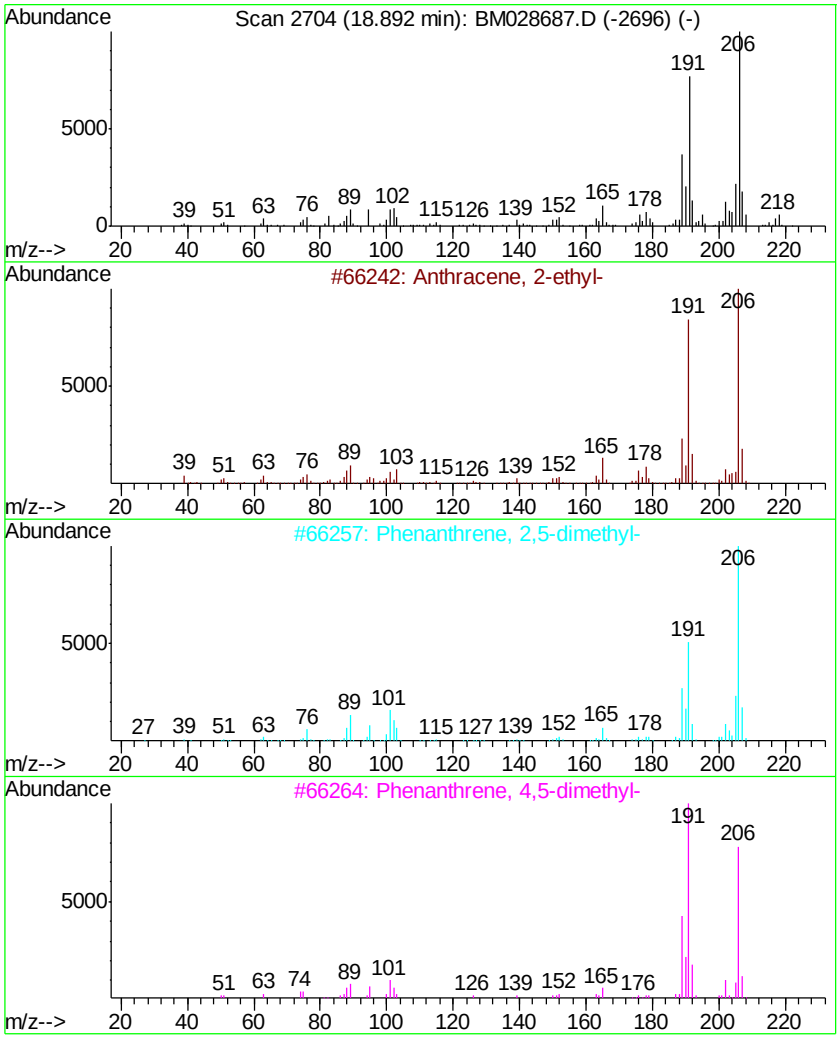
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

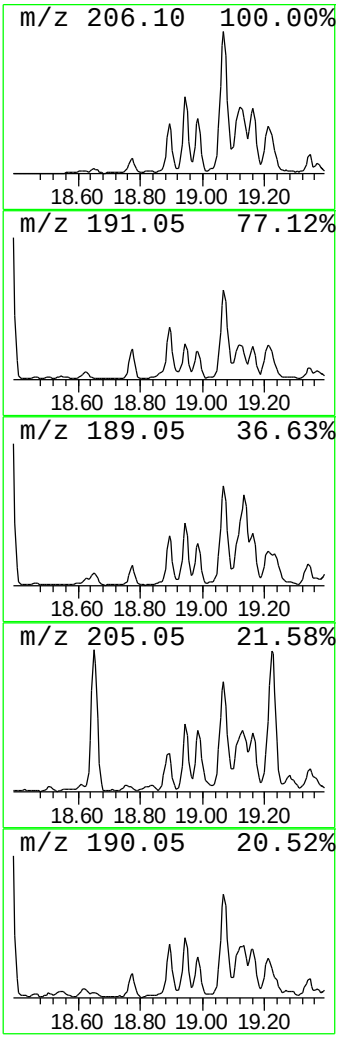
****

Peak Number 19 Anthracene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	26.41 ng/ul	405118	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

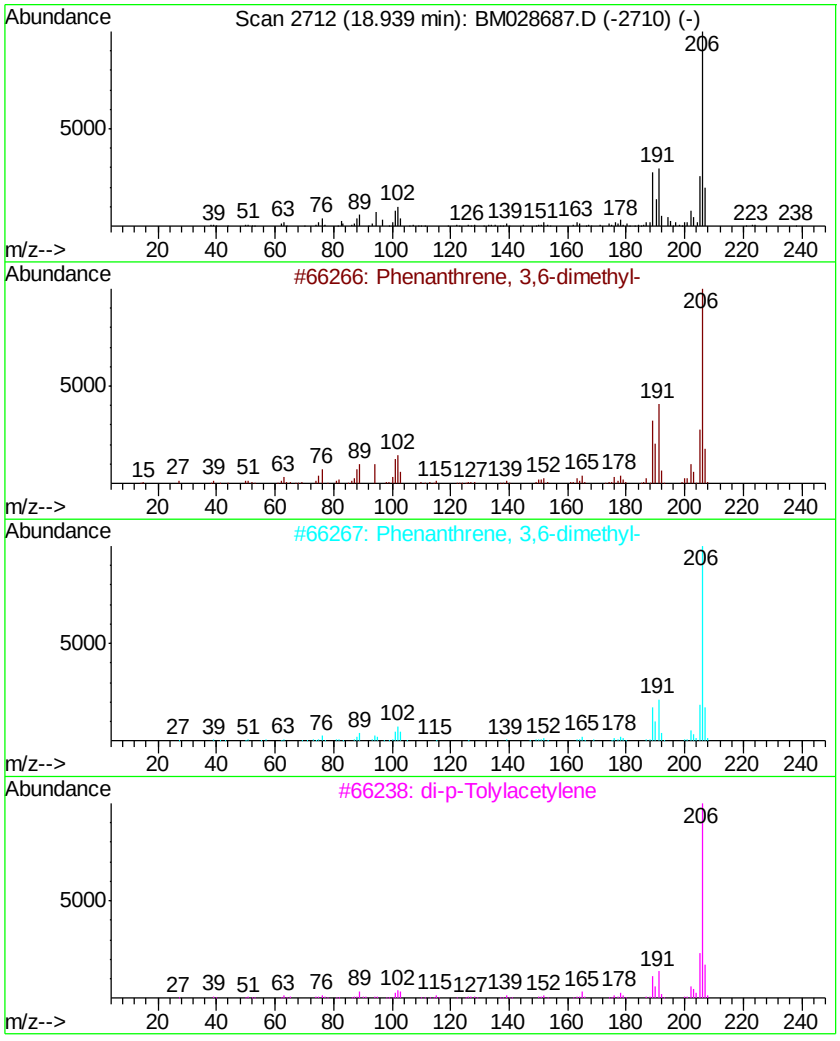
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

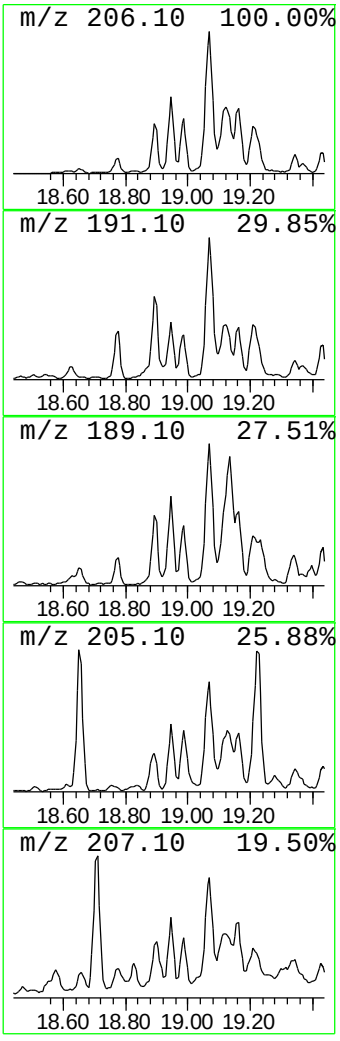
****

Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	15.16 ng/ul	232642	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

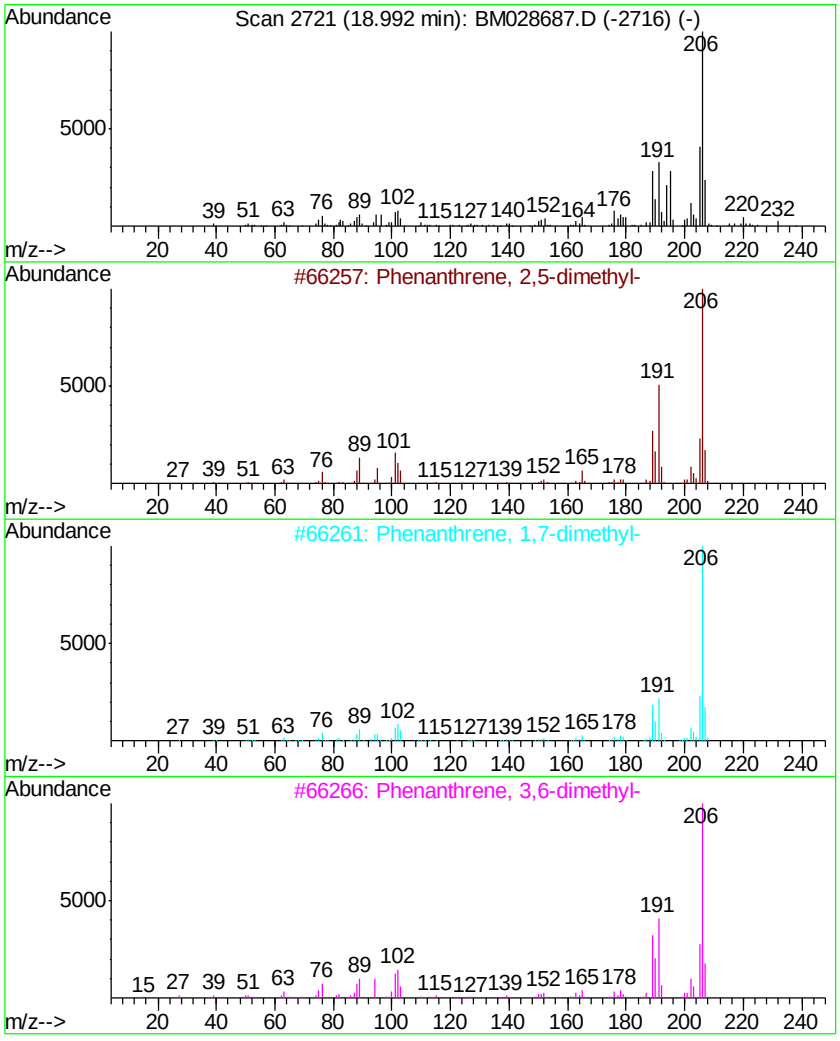
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

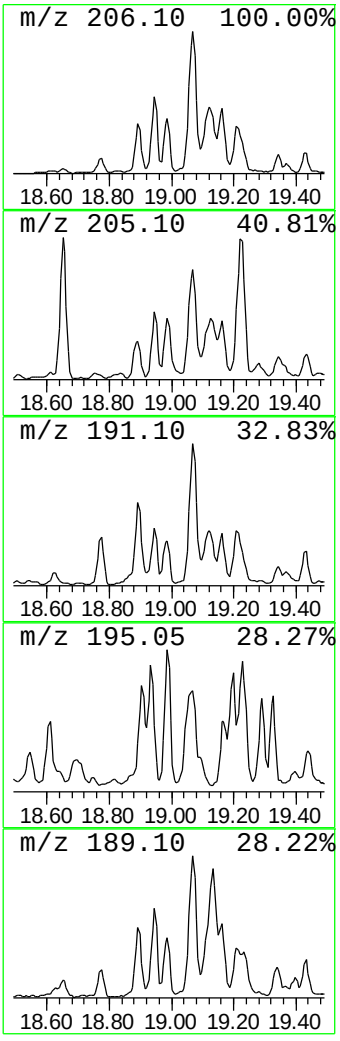
****

Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	14.03 ng/ul	215251	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

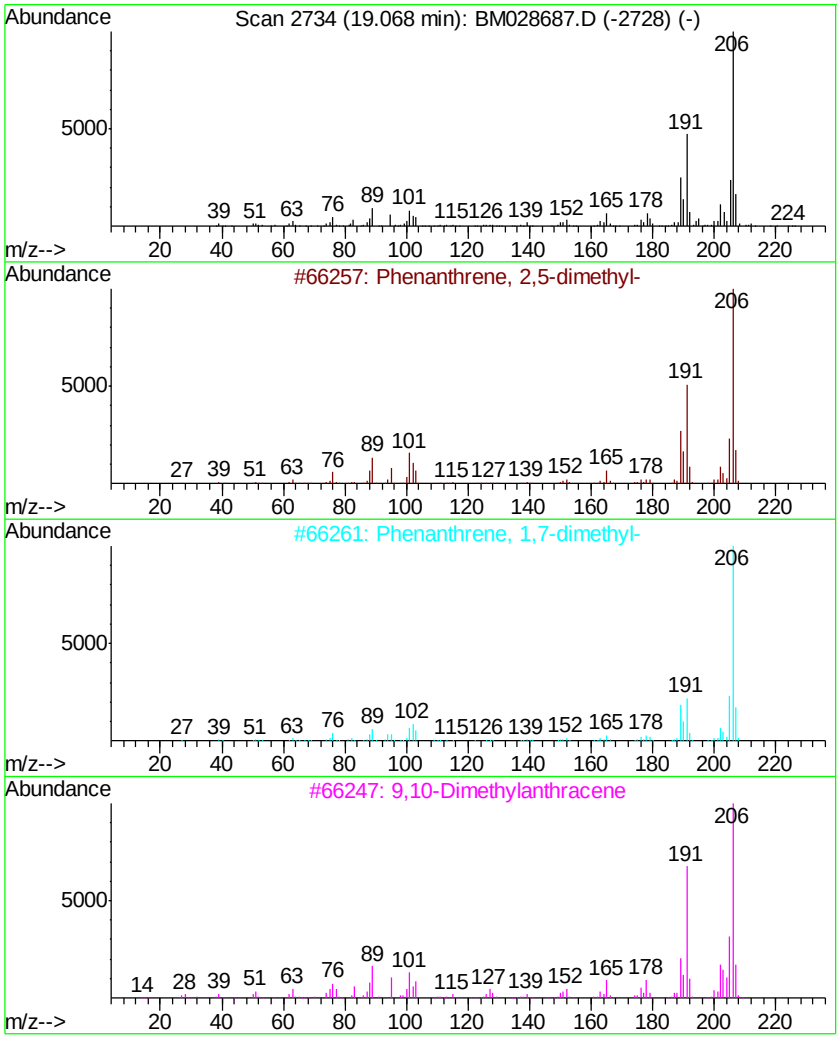
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

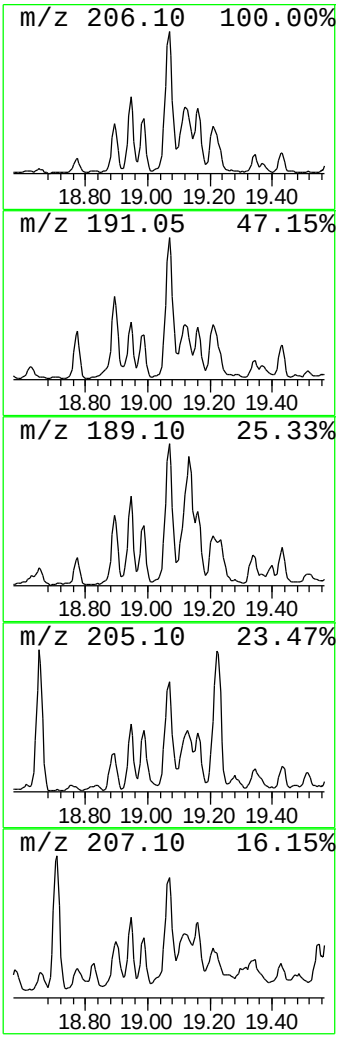
****

Peak Number 22 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	42.21 ng/ul	647627	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

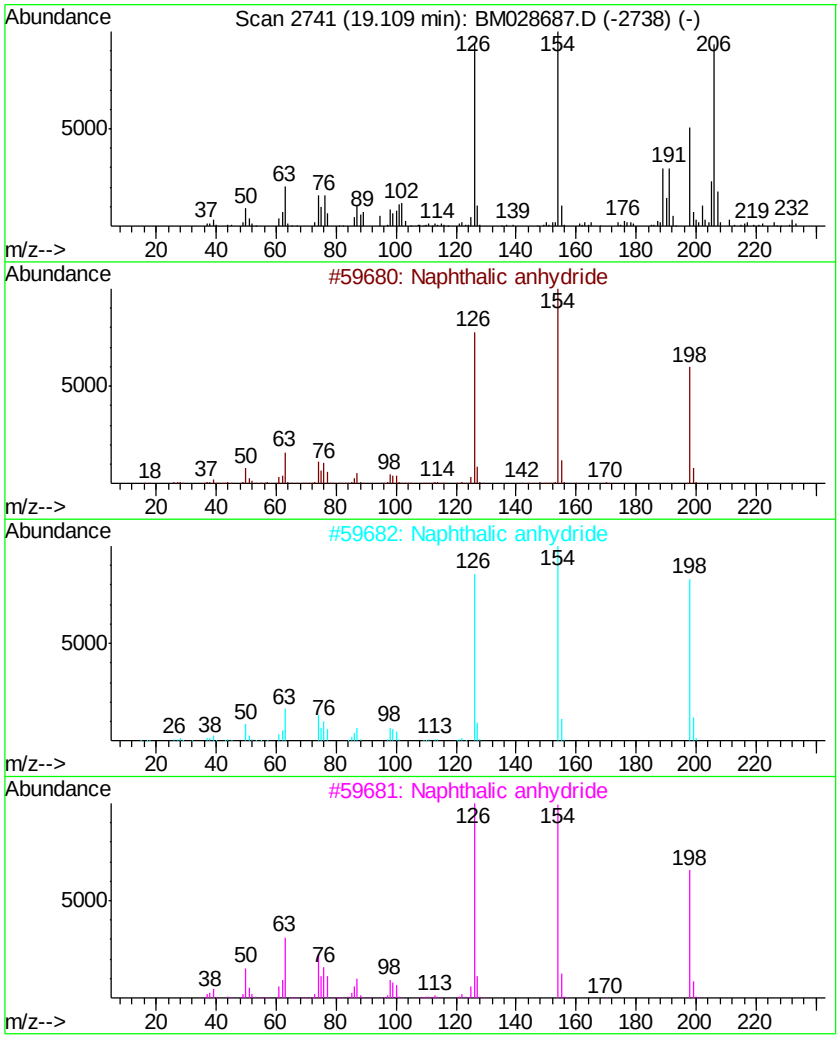
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

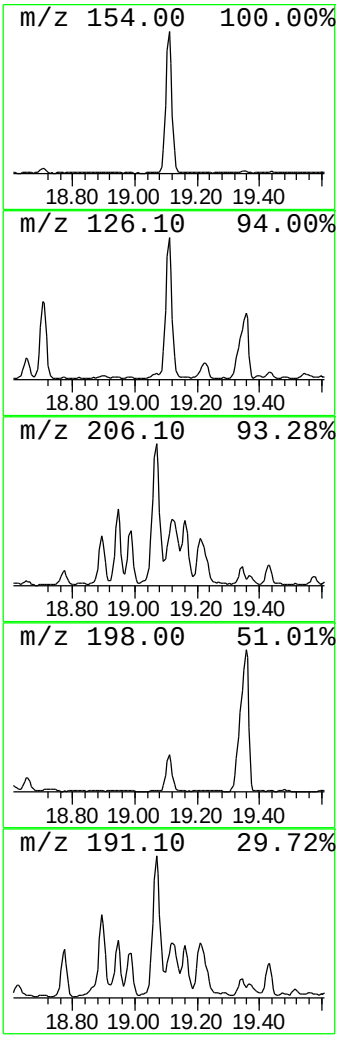
****

Peak Number 23 Naphthalic anhydride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	35.26 ng/ul	541044	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

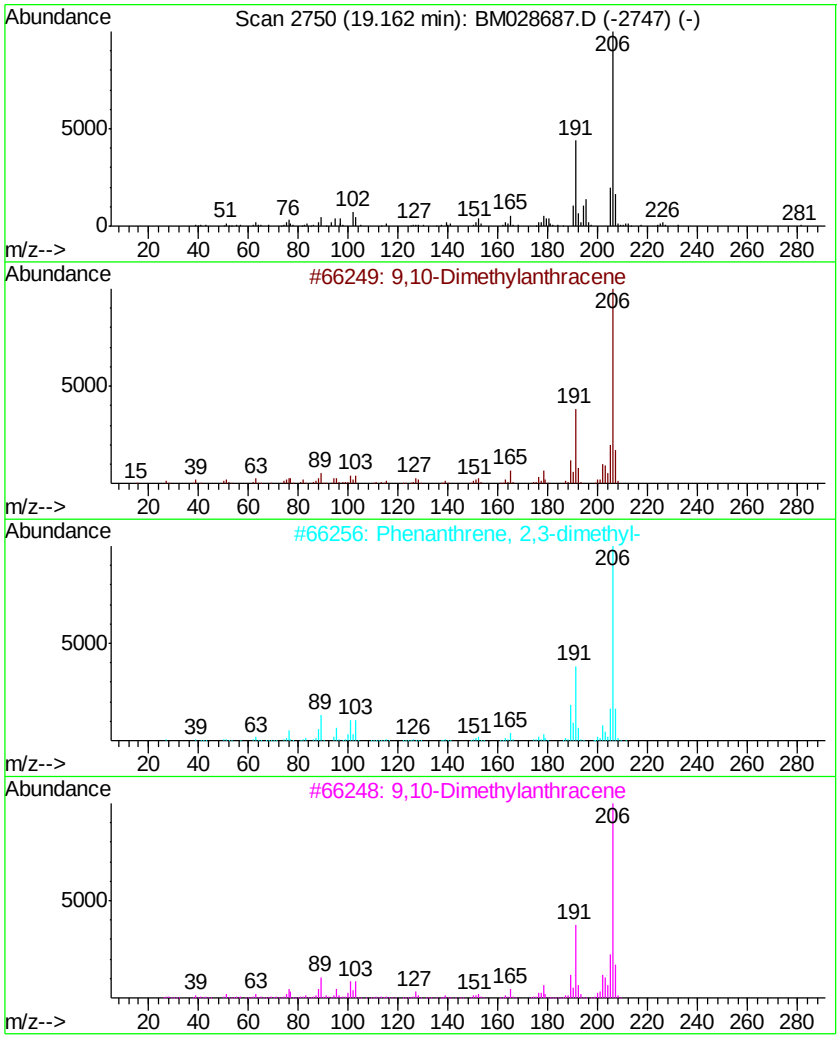
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

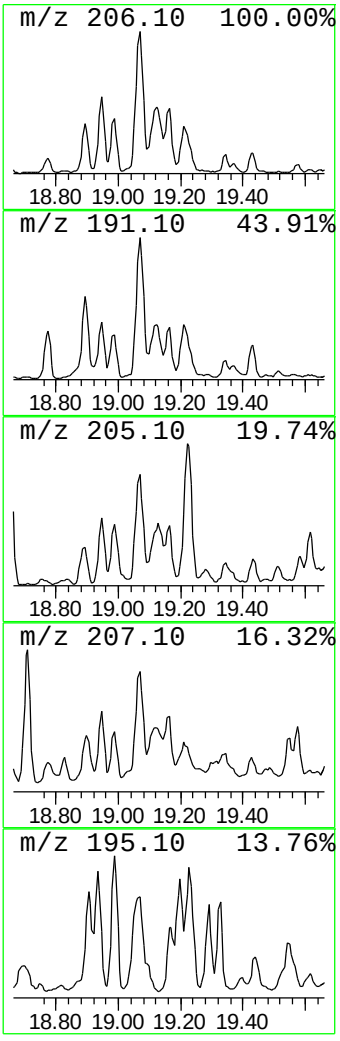
****

Peak Number 24 9,10-Dimethylanthracene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	12.86 ng/ul	197325	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	80
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

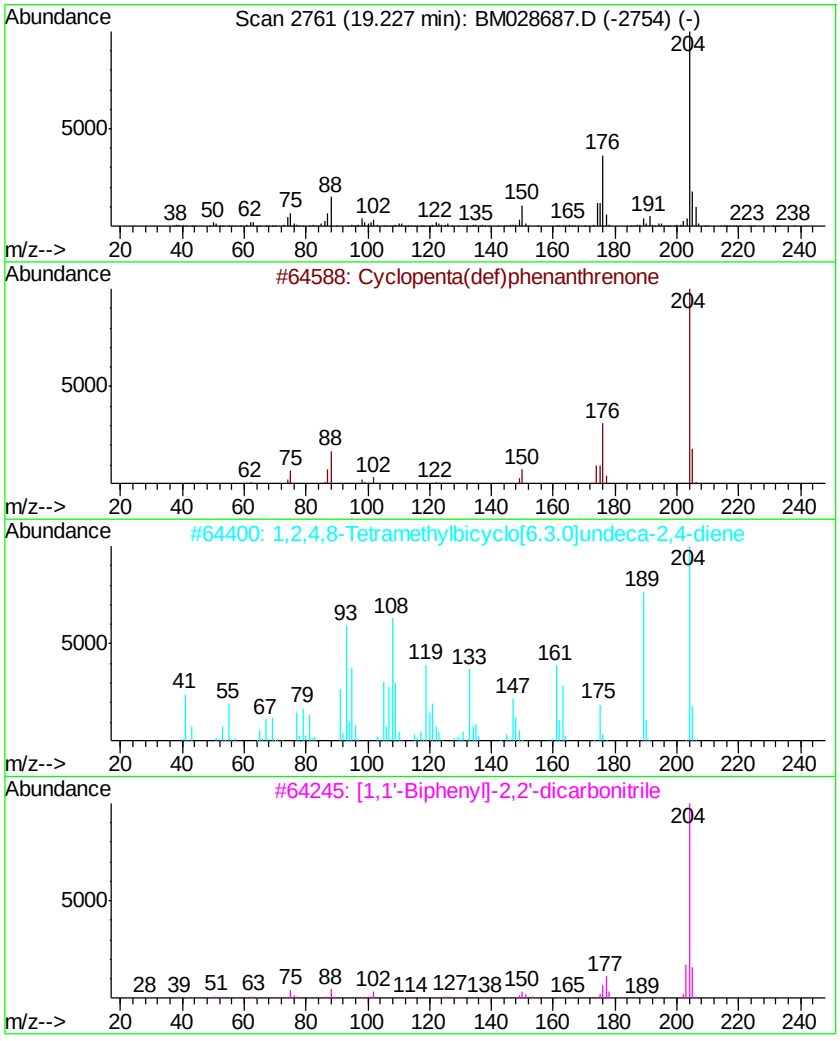
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

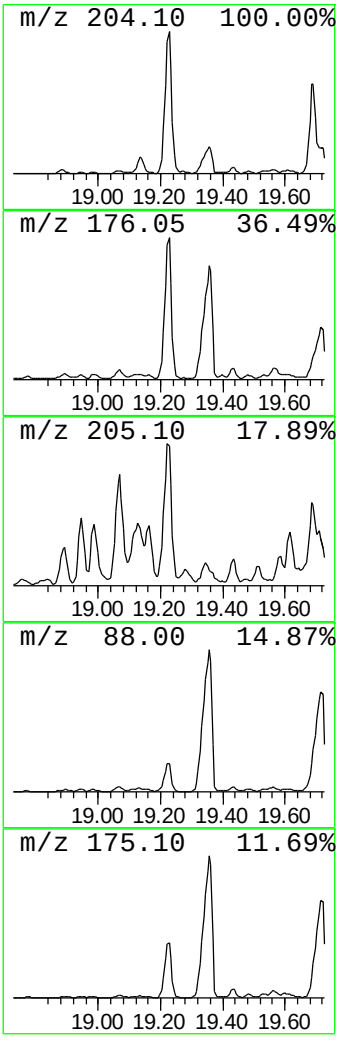
****

Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	58.74 ng/ul	901276	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

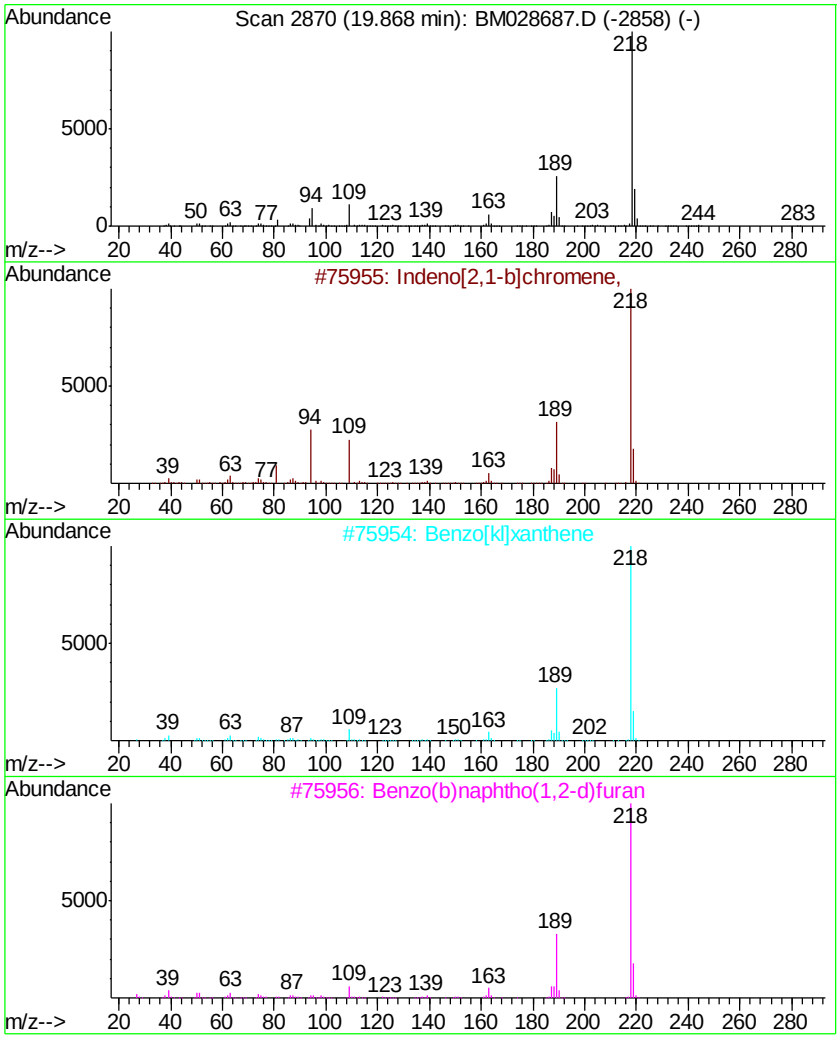
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

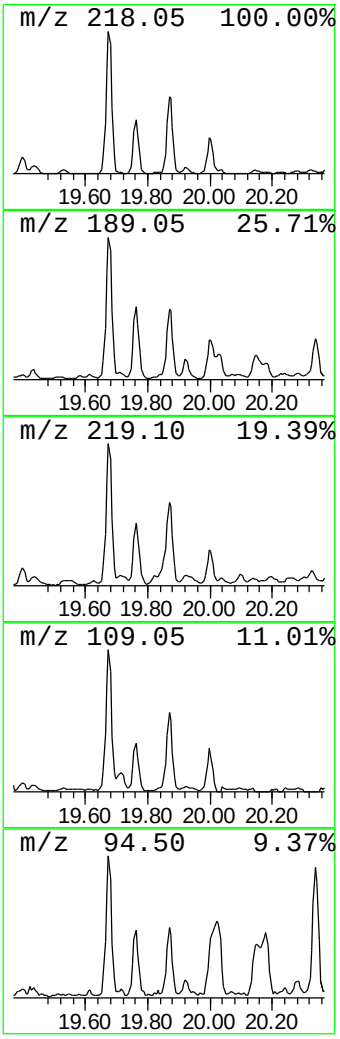
****

Peak Number 26 Indeno[2,1-b]chromene, Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.54 ng/ul	842729	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	96
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	95
3	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	95
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

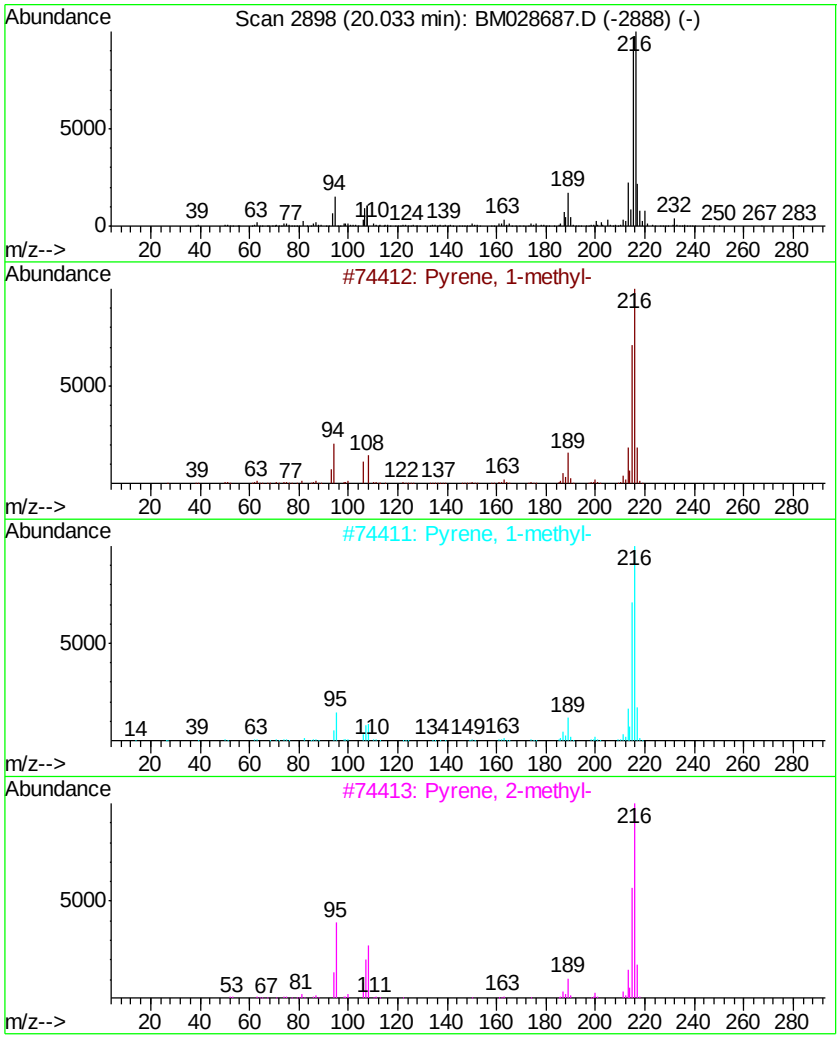
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

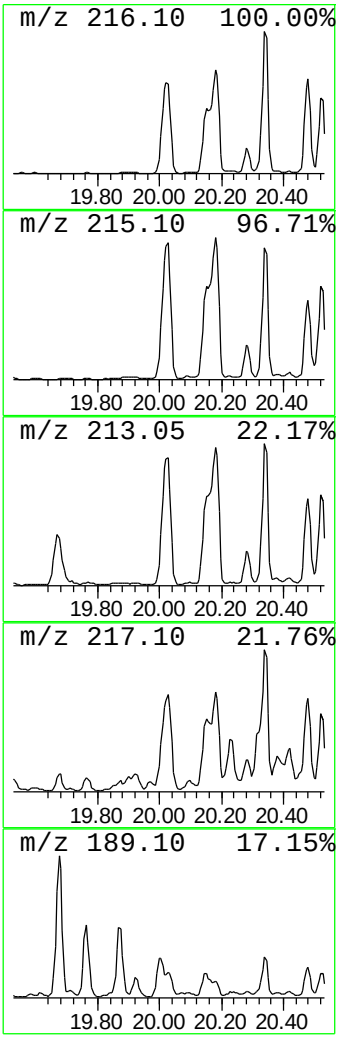
****

Peak Number 27 Pyrene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.85 ng/ul	1277420	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

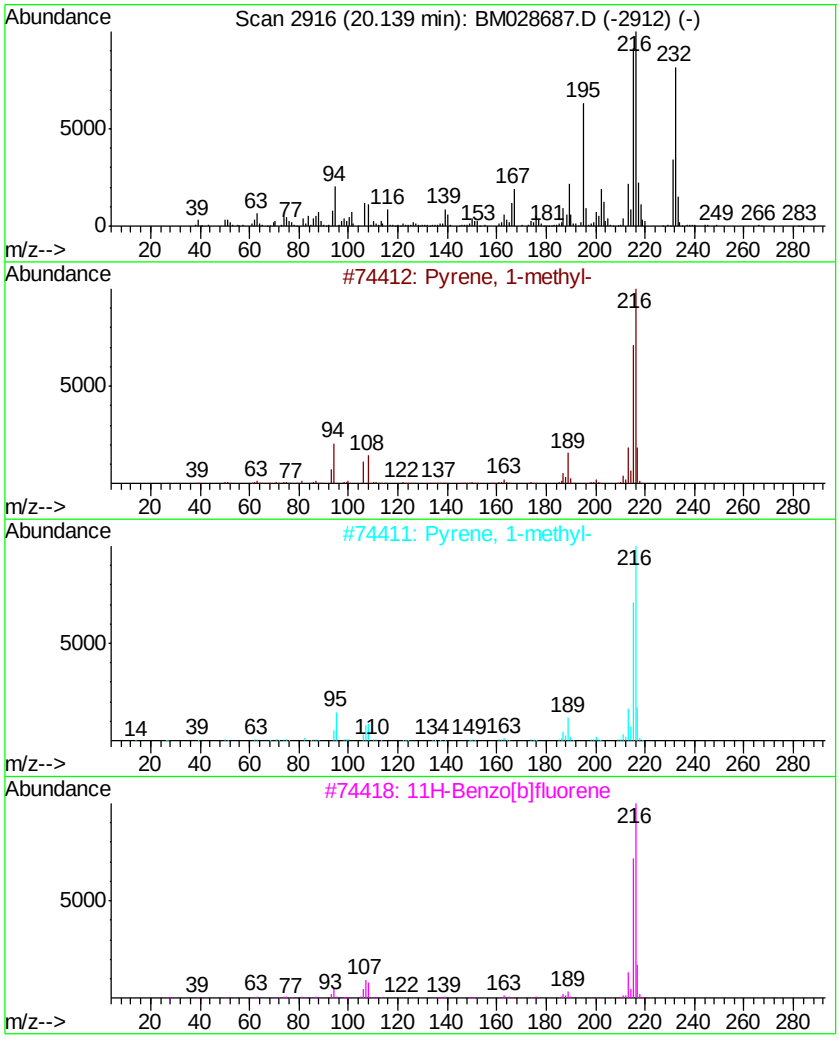
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

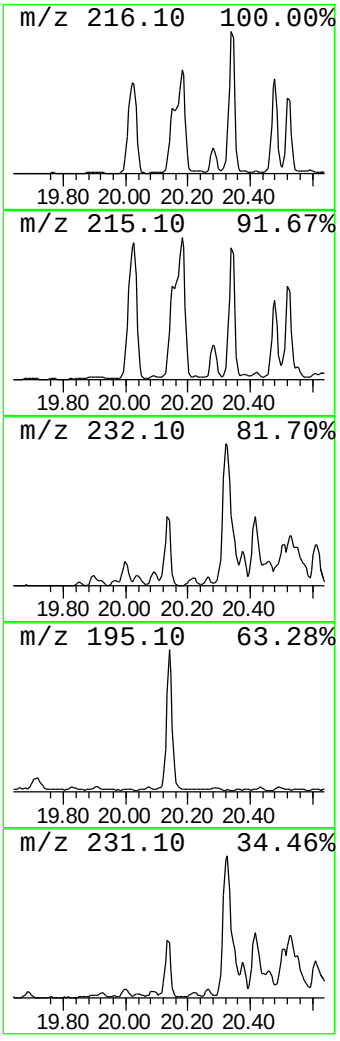
****

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	2.23 ng/ul	739793	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

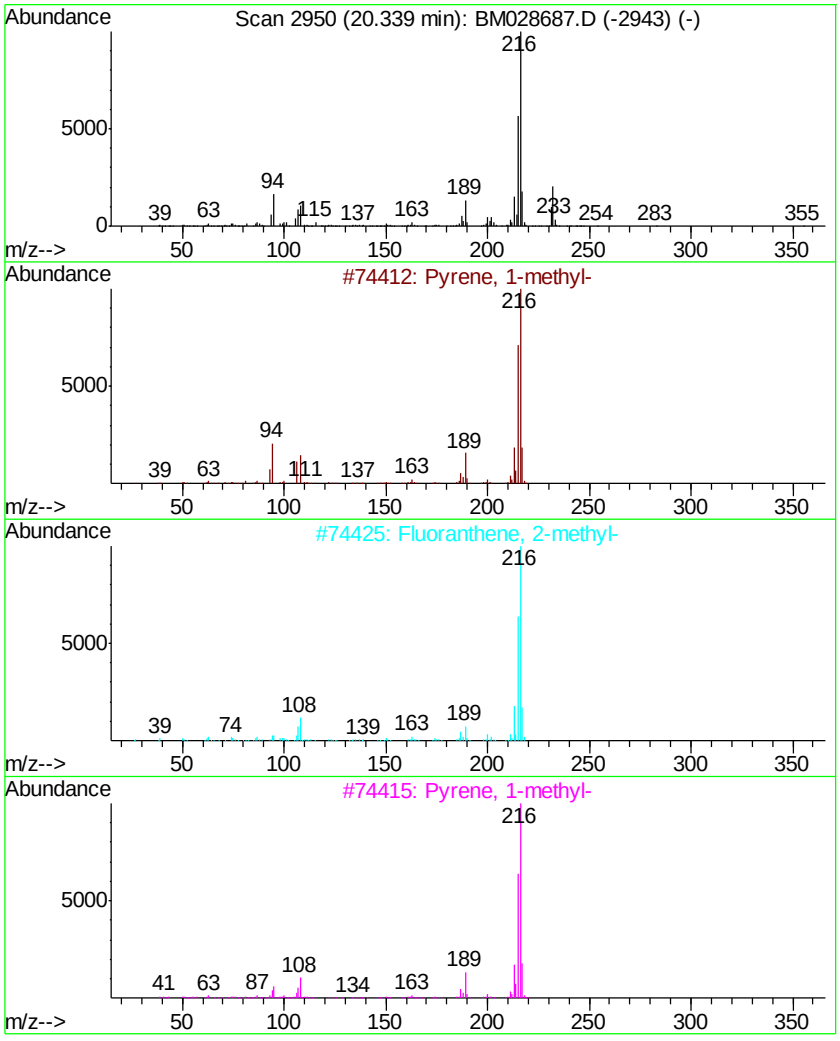
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

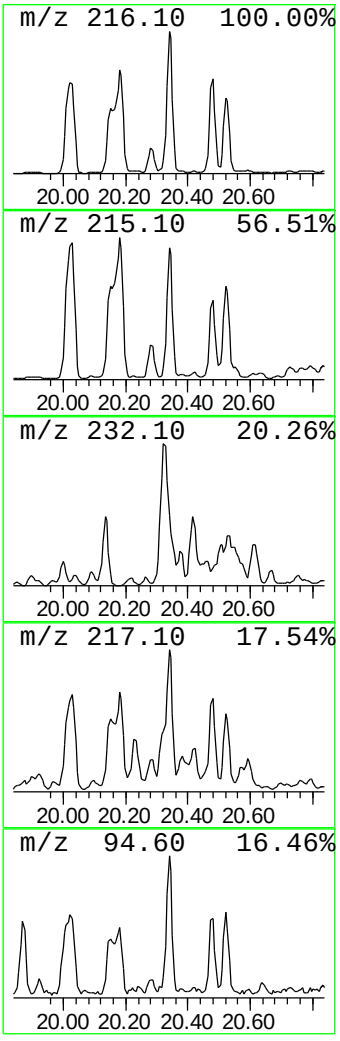
****

Peak Number 29 Fluoranthene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.47 ng/ul	1151040	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

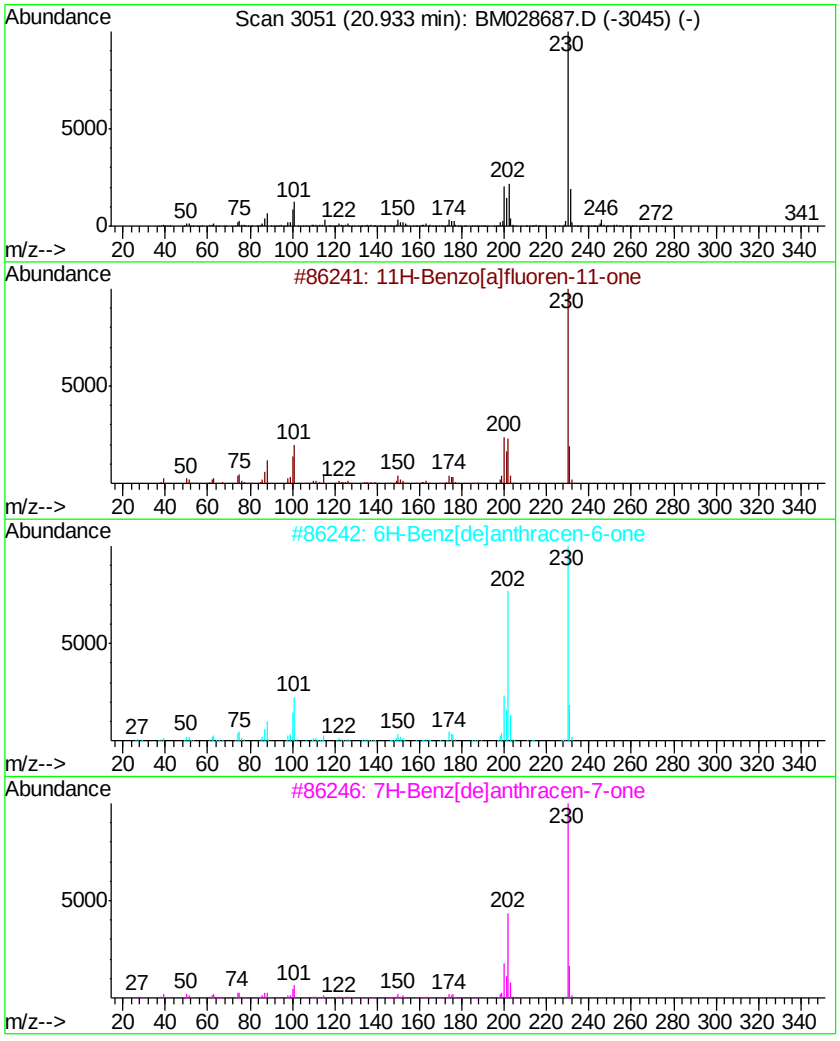
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

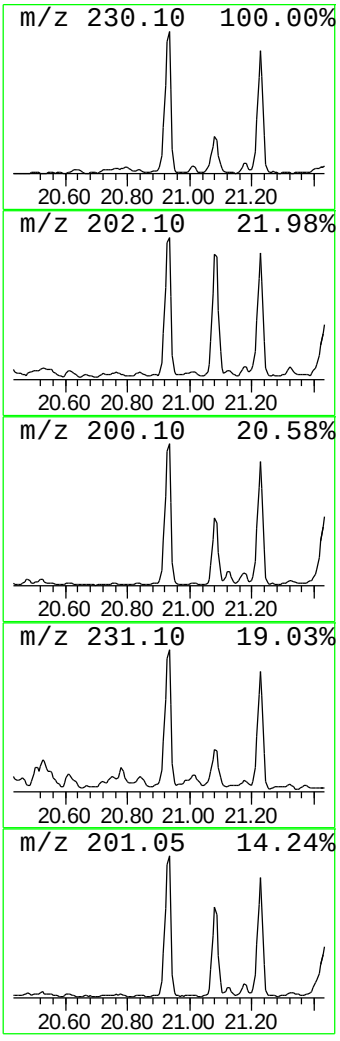
****

Peak Number 30 11H-Benzo[a]fluoren-11-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.13 ng/ul	1701400	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
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	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

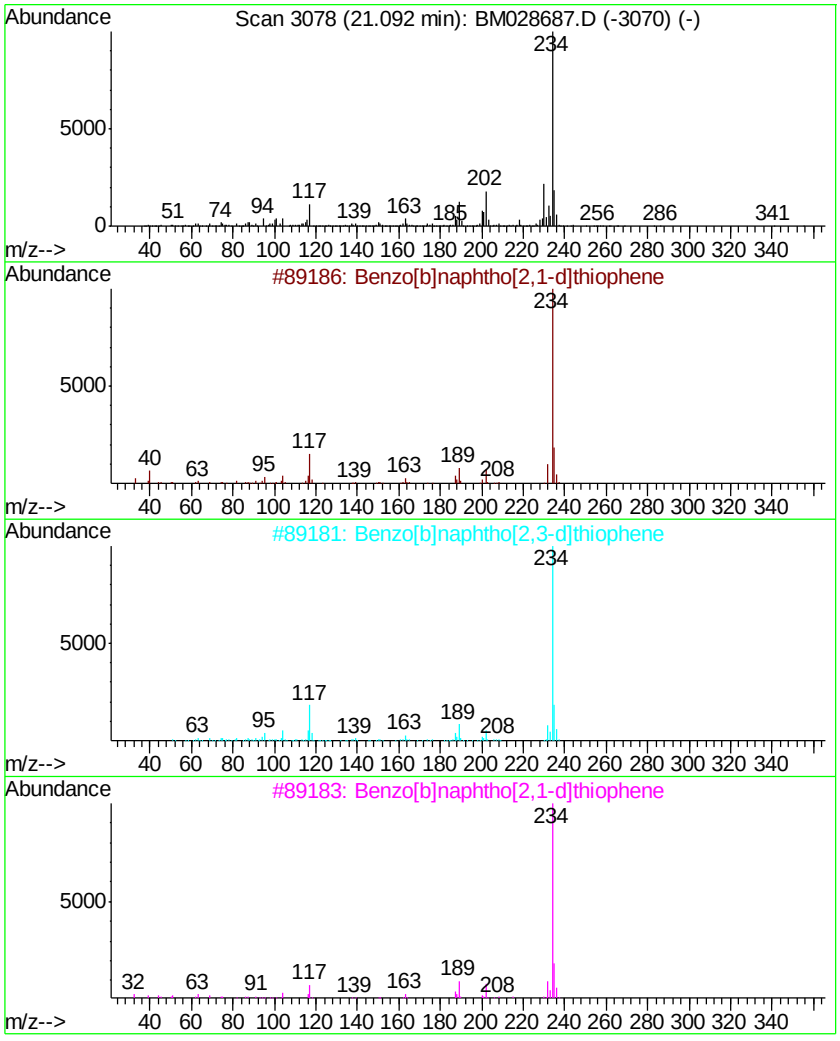
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

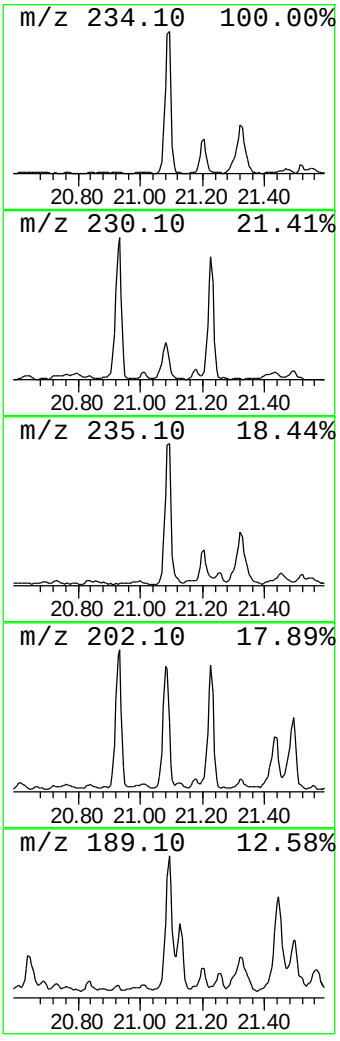
****

Peak Number 31 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	4.90 ng/ul	1624800	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

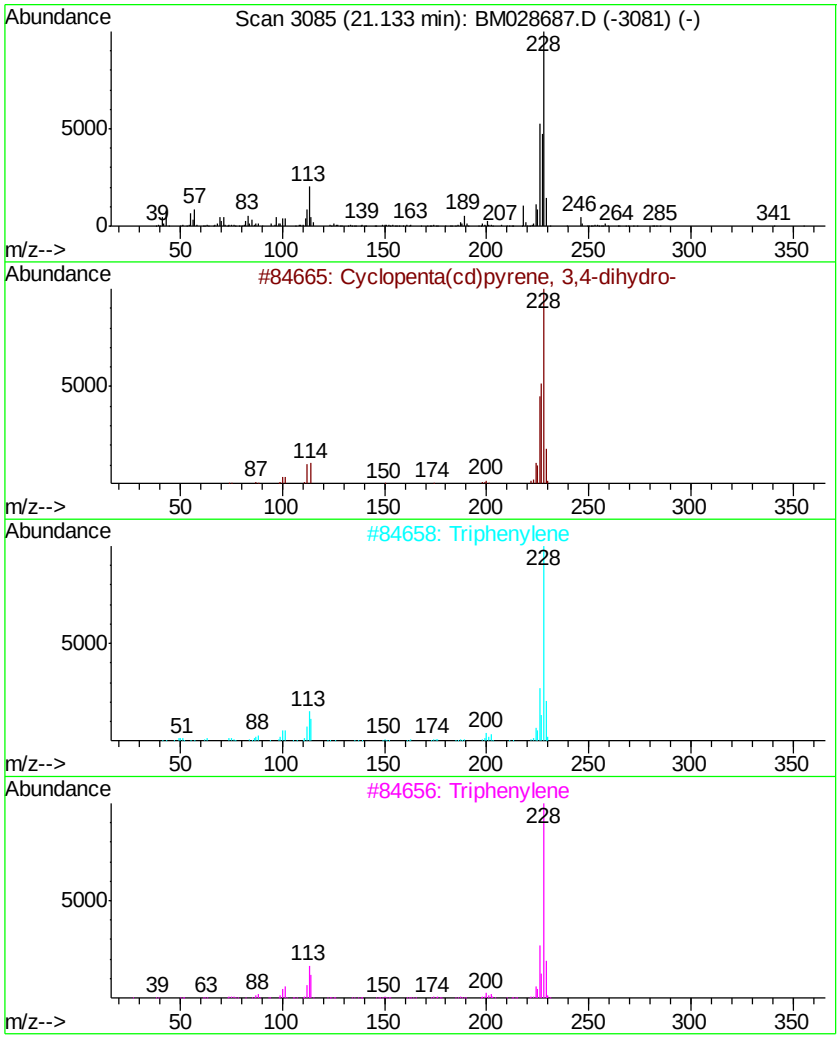
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

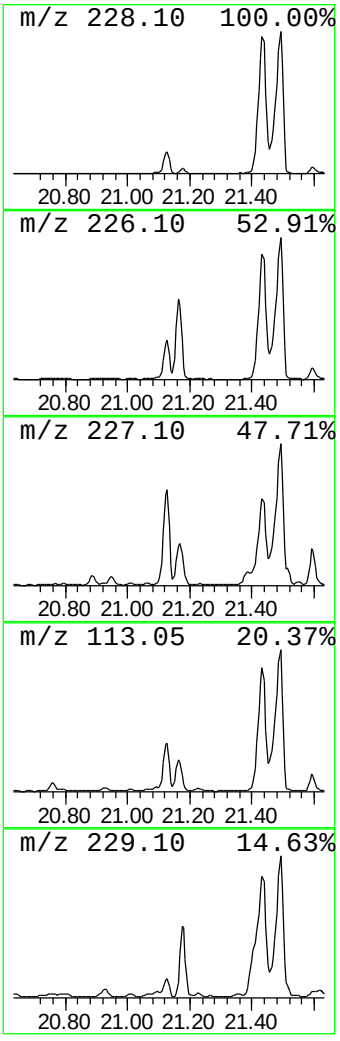
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.45 ng/ul	810725	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
2	Triphenylene	228	C18H12	000217-59-4	55
3	Triphenylene	228	C18H12	000217-59-4	55
4	Triphenylene	228	C18H12	000217-59-4	49
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

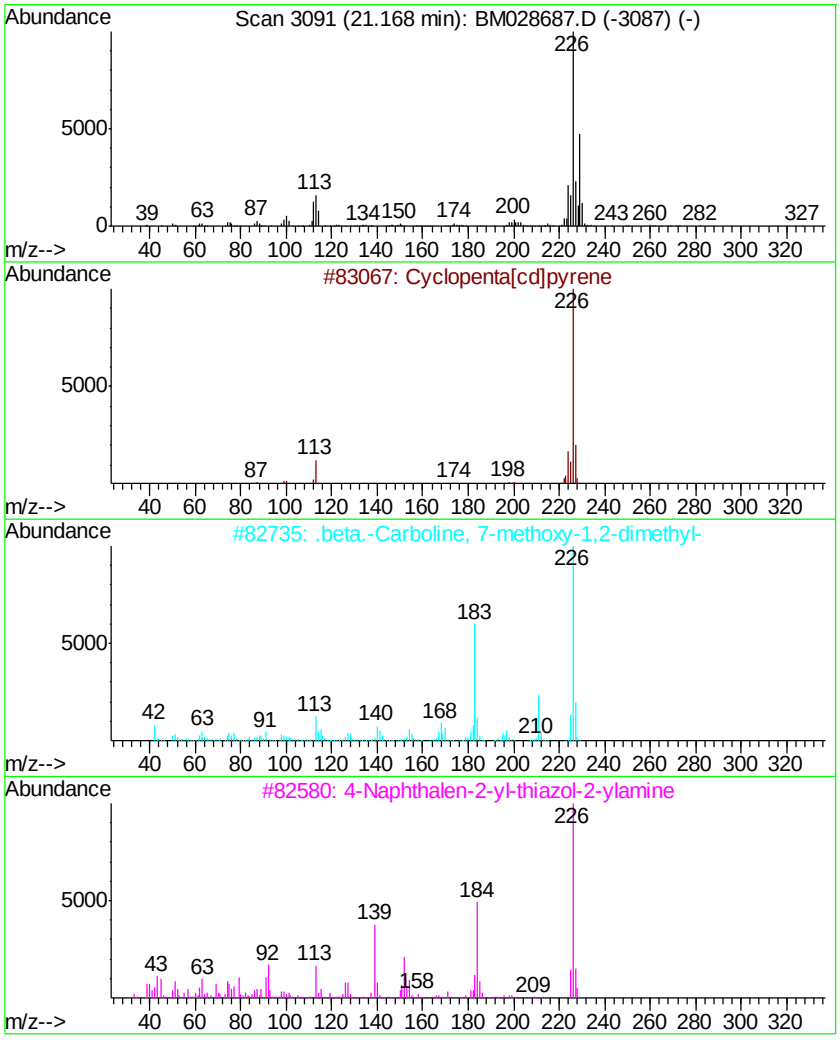
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

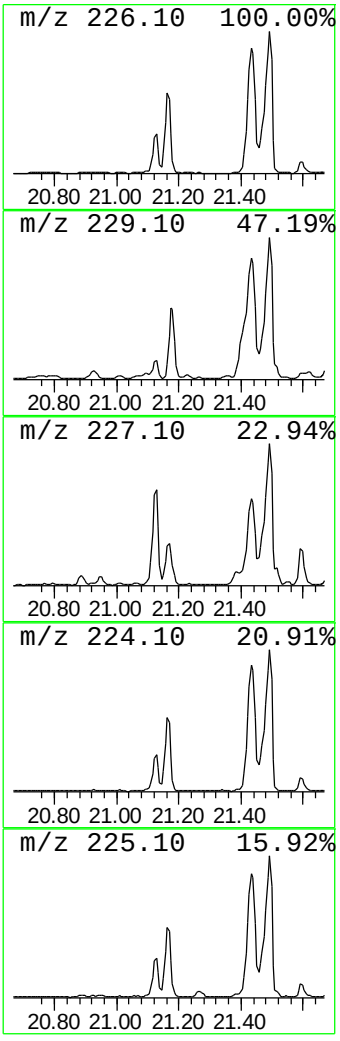
****

Peak Number 33 Cyclopenta[cd]pyrene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.28 ng/ul	755808	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	43
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

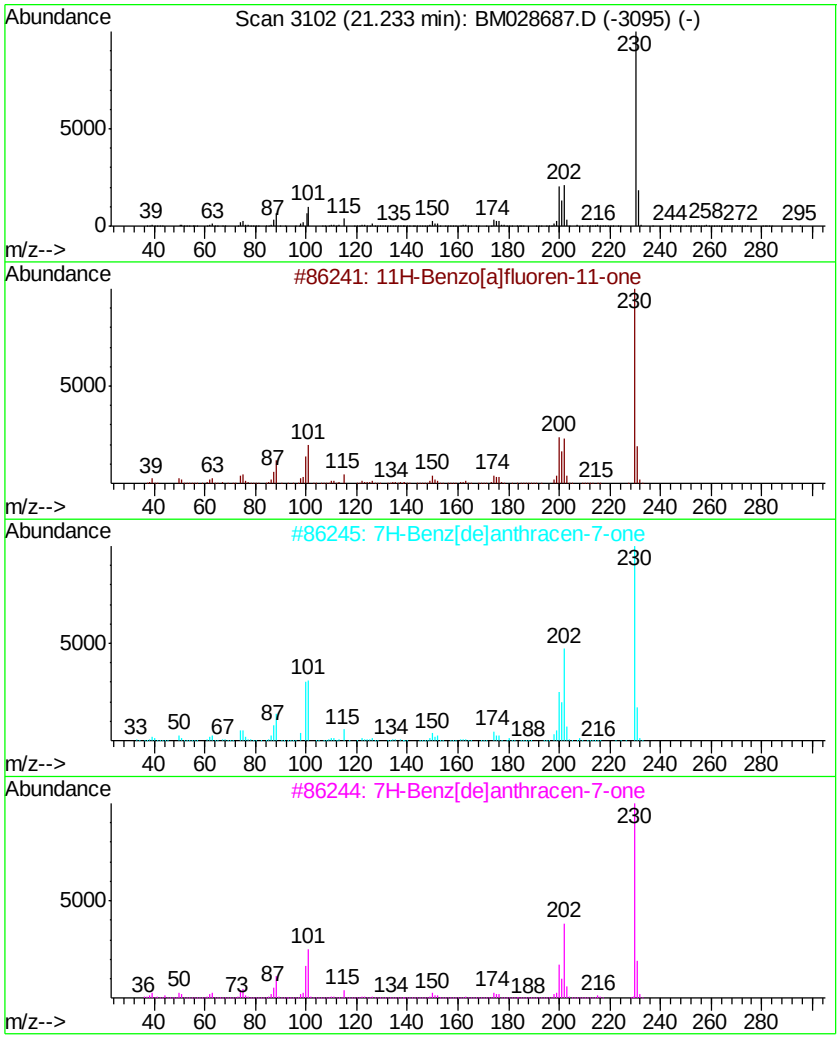
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

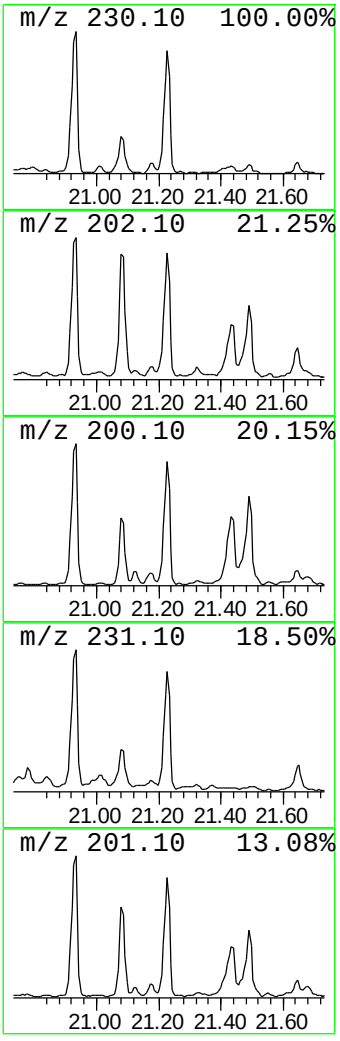
****

Peak Number 34 7H-Benz[de]anthracen-7-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.39 ng/ul	1454590	Chrysene-d12	21.45

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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

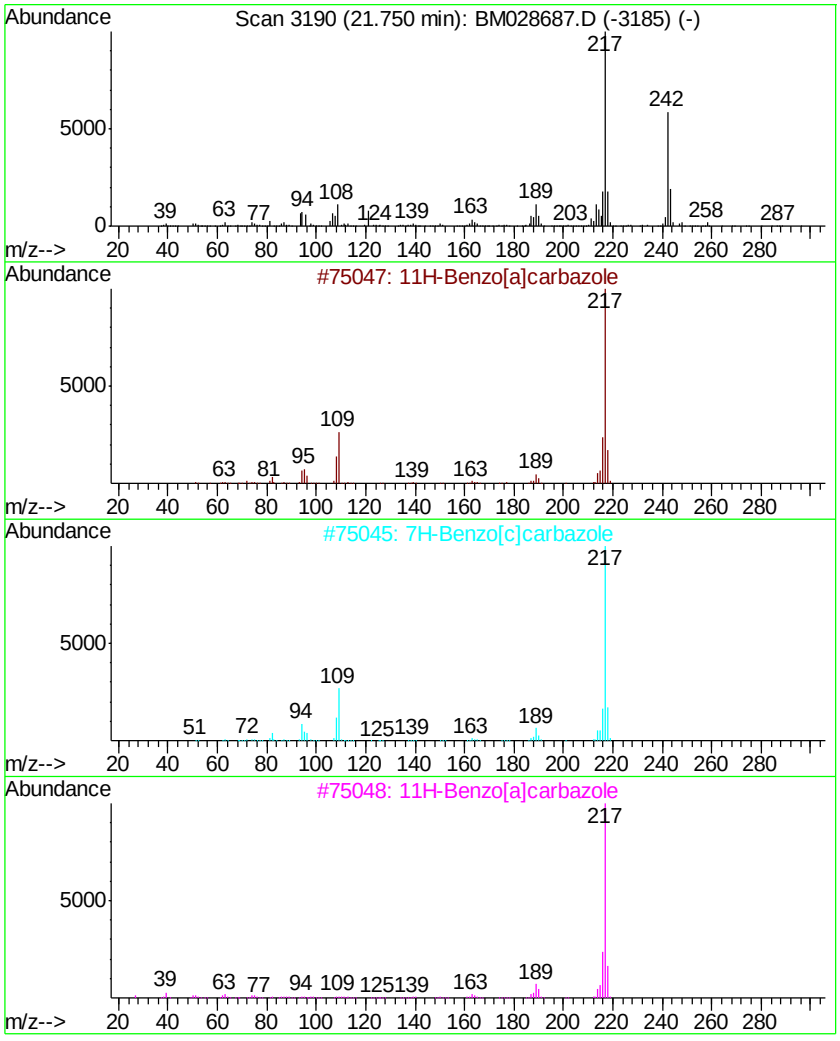
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

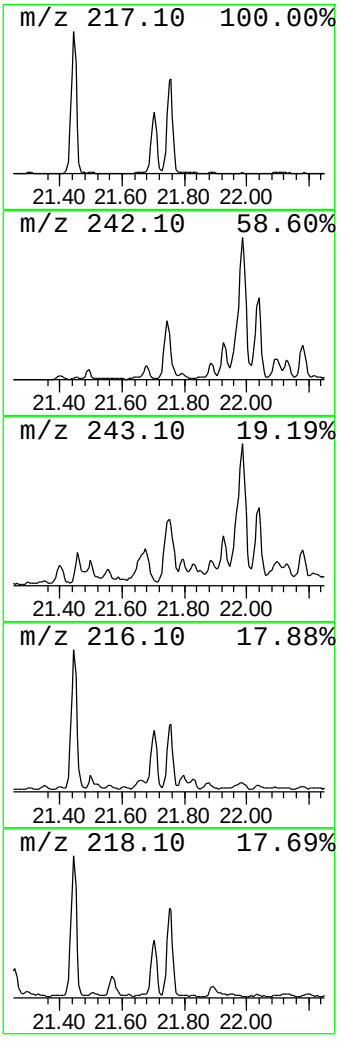
****

Peak Number 35 11H-Benzo[a]carbazole Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.42 ng/ul	802170	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	60
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	60
5	Benzo(b)carbazole	217	C16H11N	000243-28-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

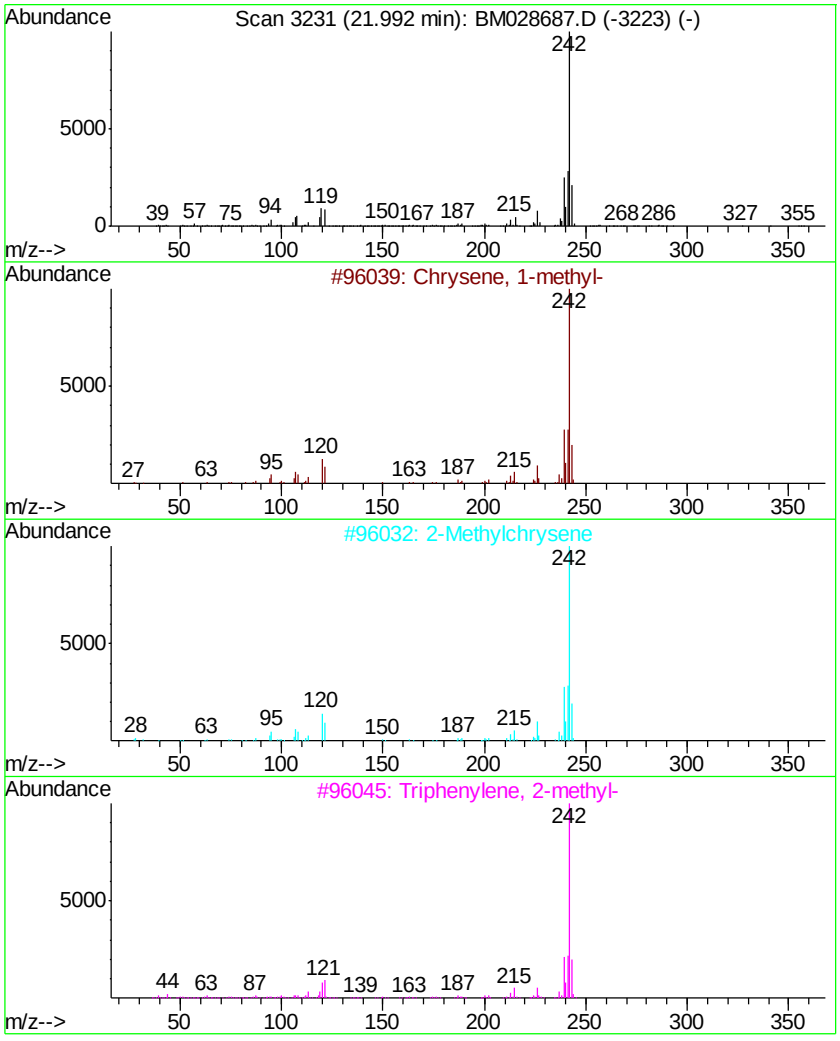
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

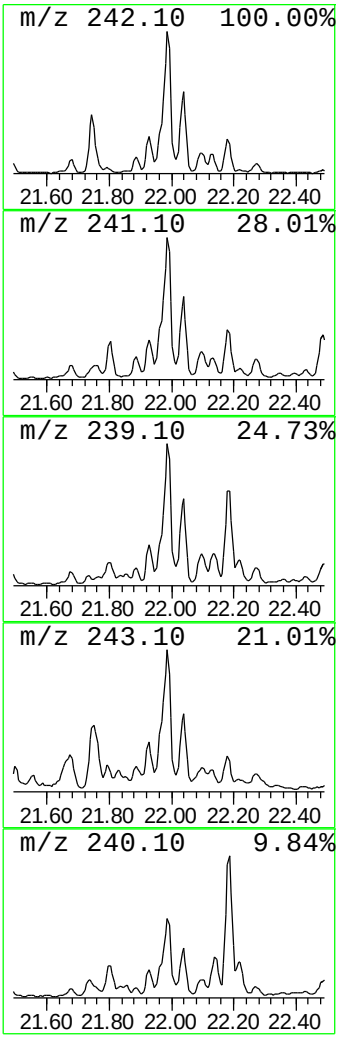
****

Peak Number 36 Chrysene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.65 ng/ul	1208190	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

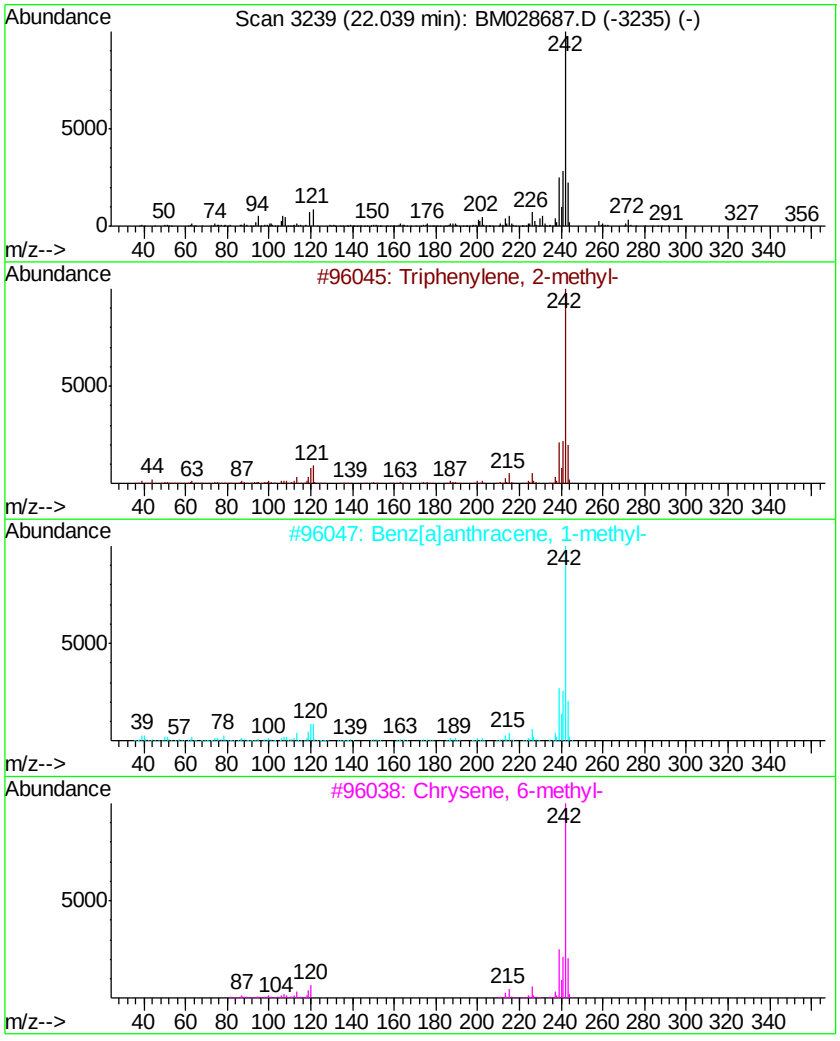
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

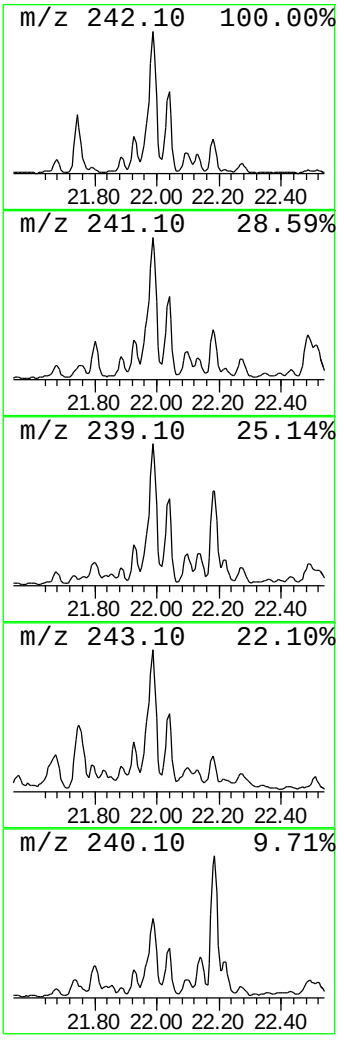
****

Peak Number 37 Triphenylene, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.02 ng/ul	669671	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	95
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	94
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	92
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

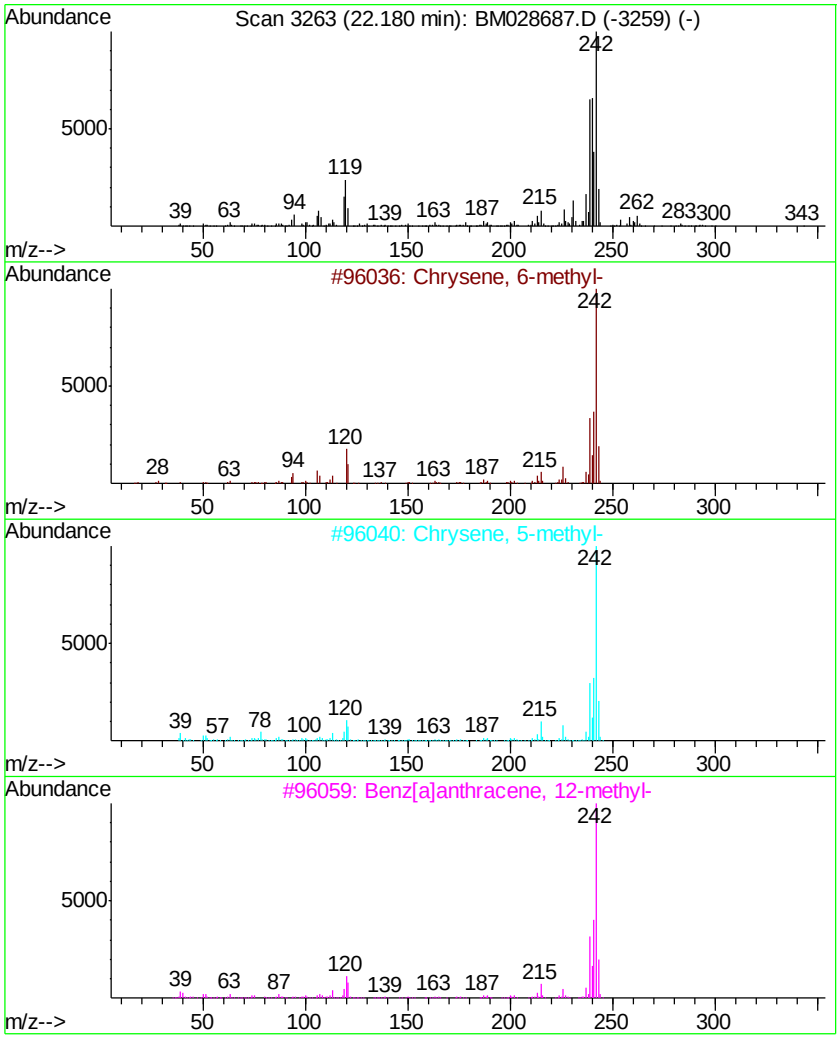
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

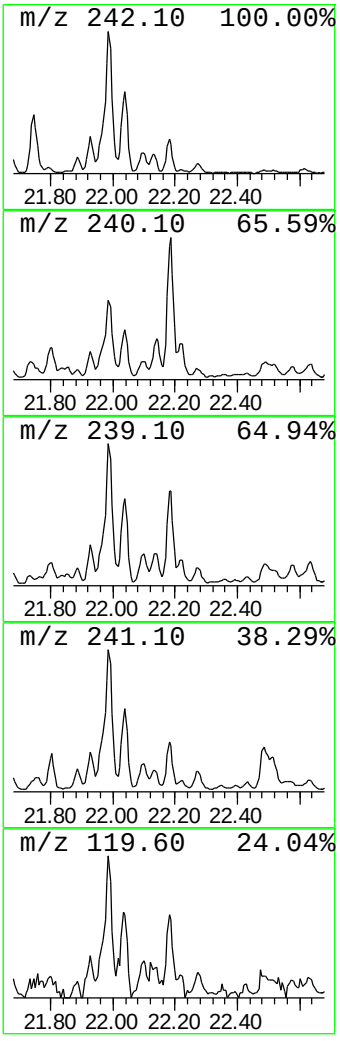
****

Peak Number 38 Chrysene, 6-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	2.20 ng/ul	730334	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	96
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	95
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	87
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	83
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

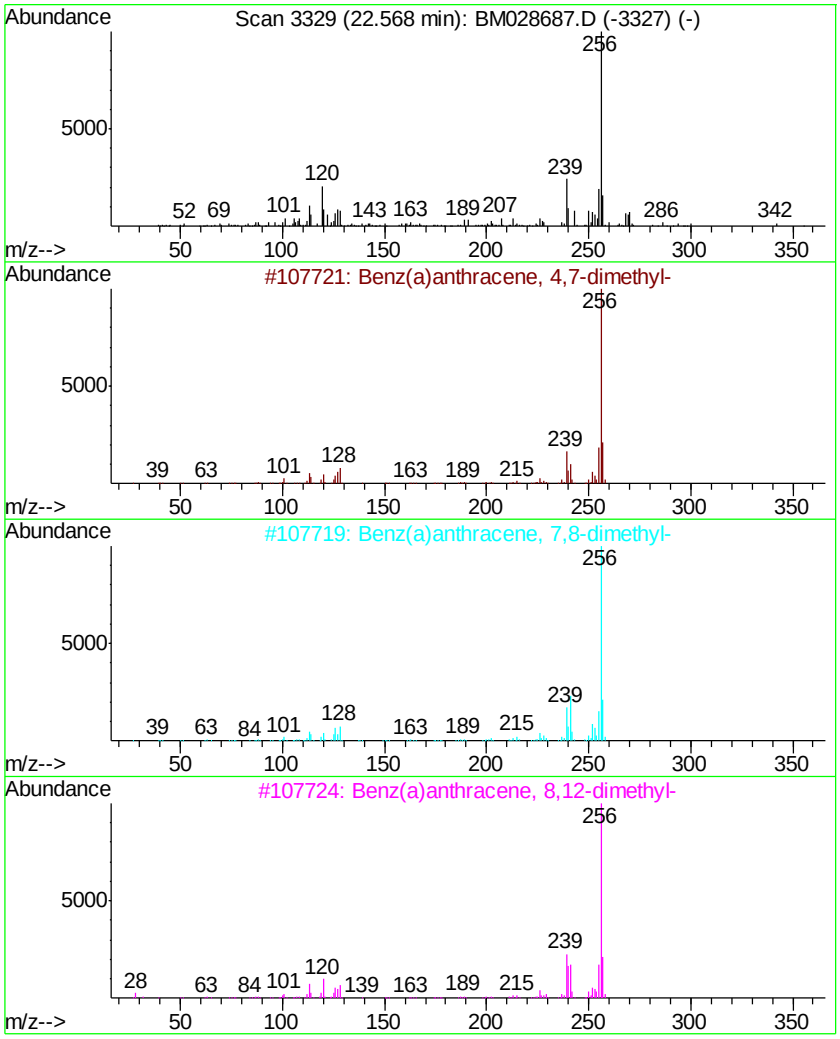
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

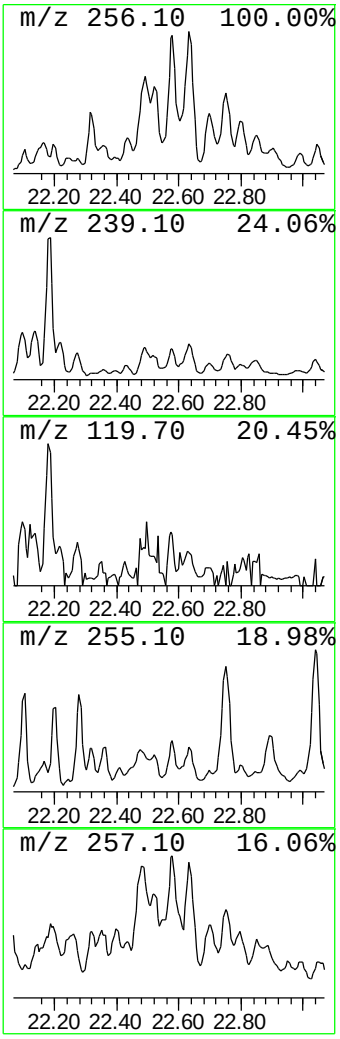
****

Peak Number 39 Benz(a)anthracene, 4,7-dime... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	10.49 ng/ul	121095	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	90
2	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	86
3	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	81
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	76
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

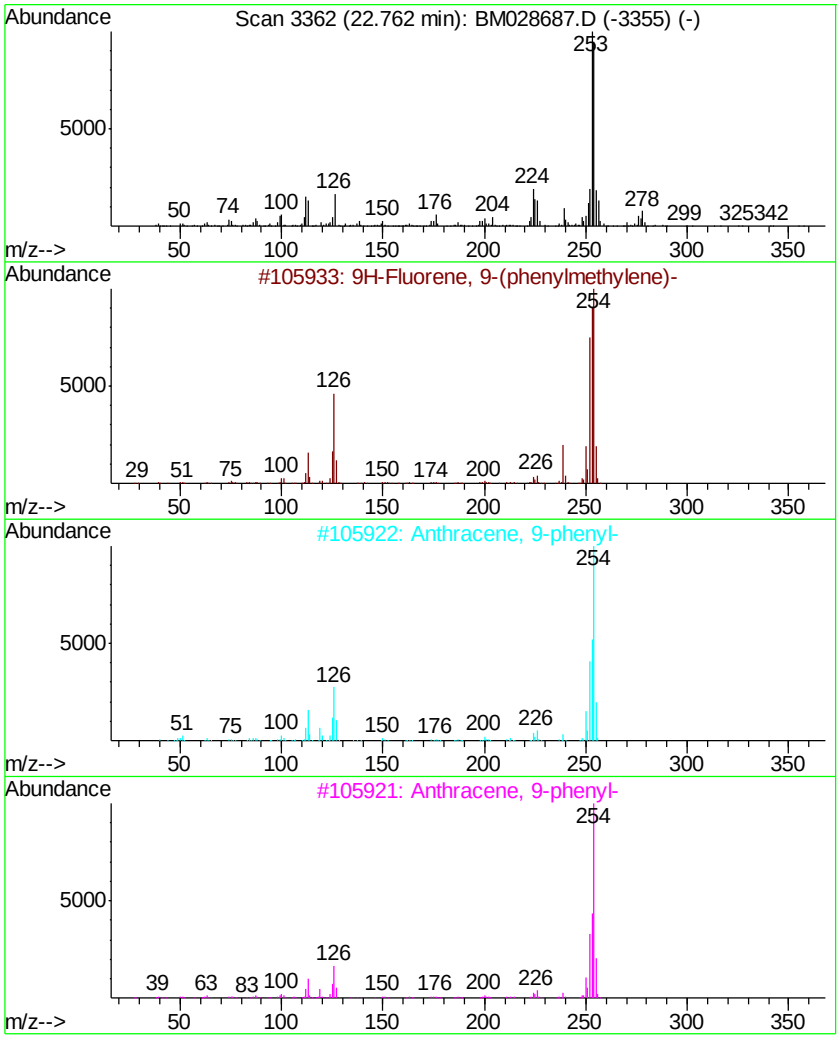
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

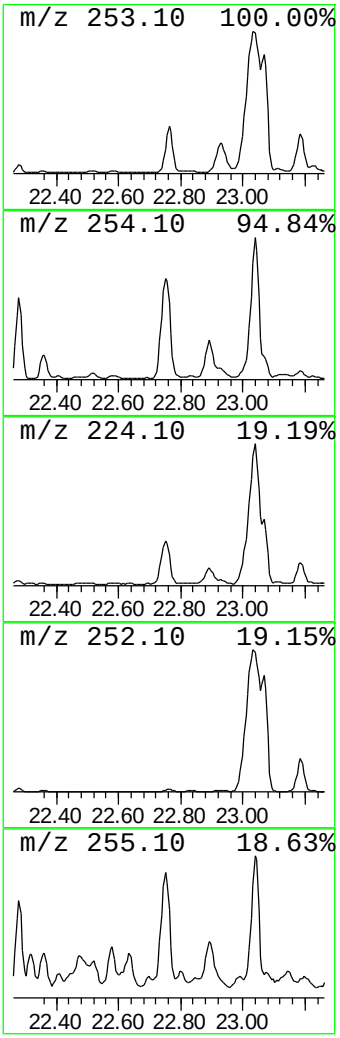
****

Peak Number 40 9H-Fluorene, 9-(phenylmethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	60.65 ng/ul	699886	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	70
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	62
5	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

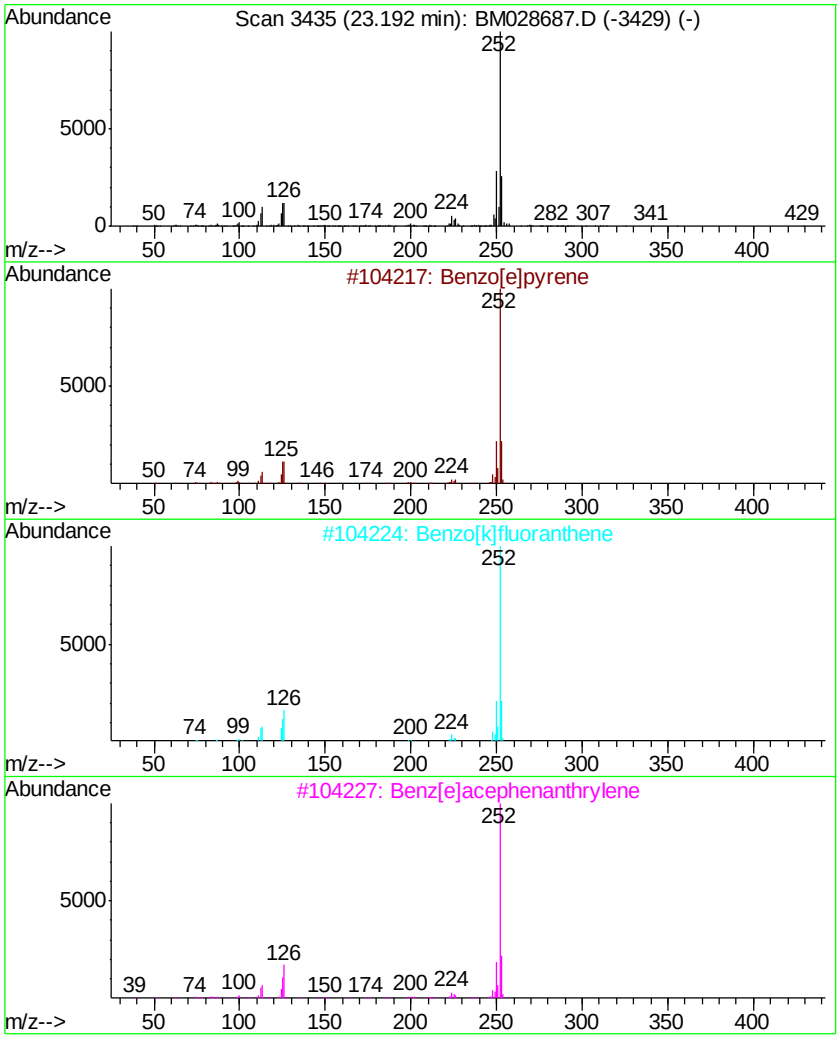
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

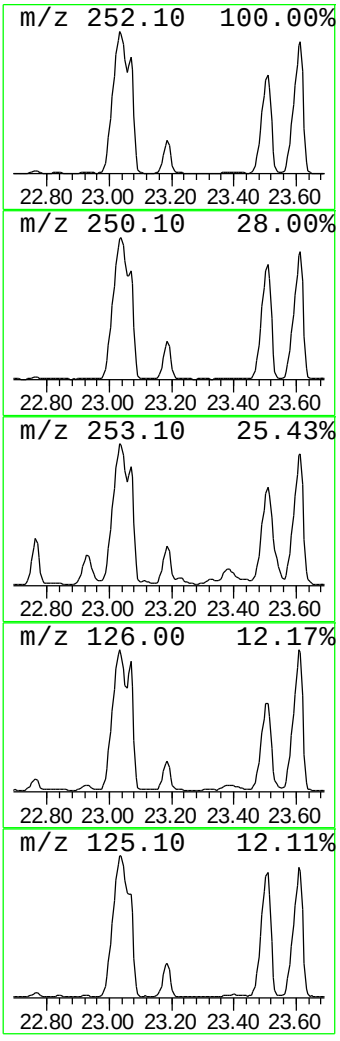
****

Peak Number 41 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	56.73 ng/ul	654619	Perylene-d12	23.69

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

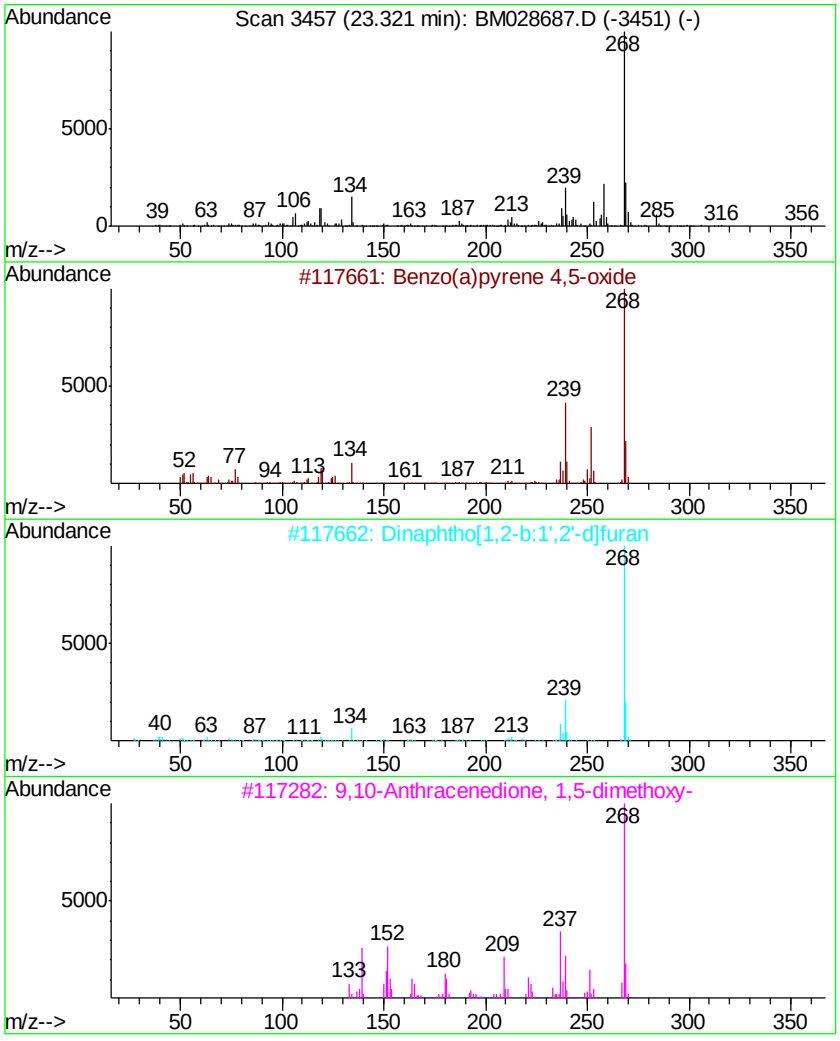
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

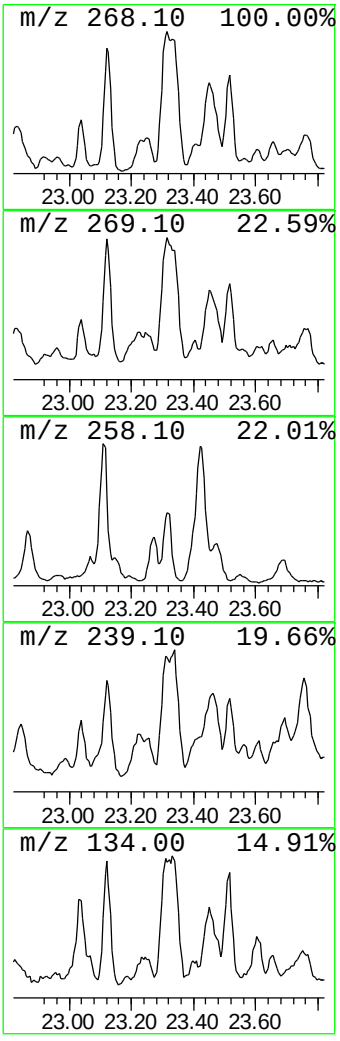
****

Peak Number 42 Benzo(a)pyrene 4,5-oxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	39.70 ng/ul	458077	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
3	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	53
5	2,2'-Dithiodibenzonitrile	268	C14H8N2S2	033174-74-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

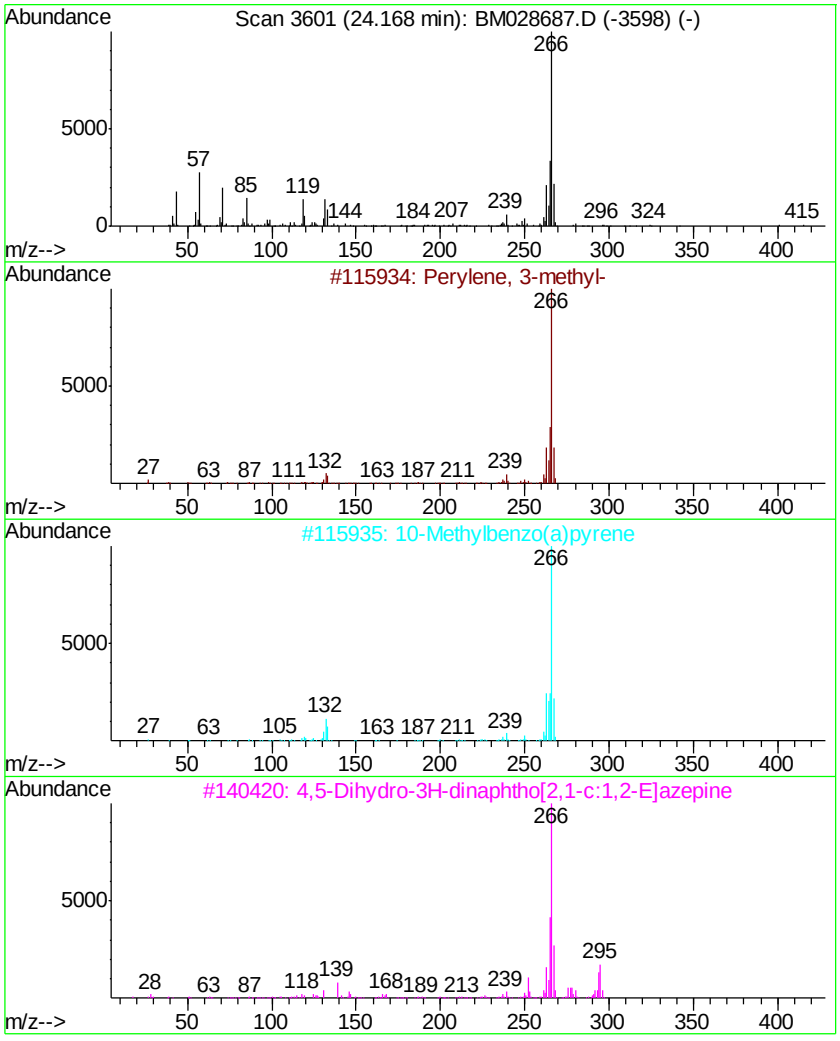
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

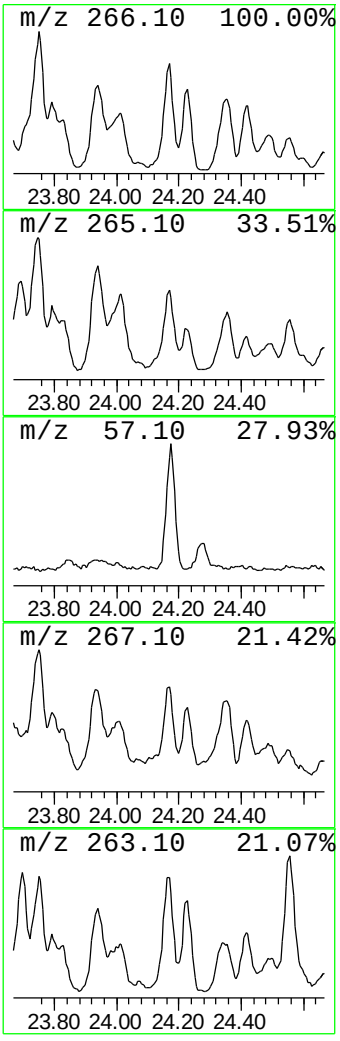
****

Peak Number 43 Perylene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	22.65 ng/ul	261344	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	62
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	60
3	4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	59
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	53
5	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

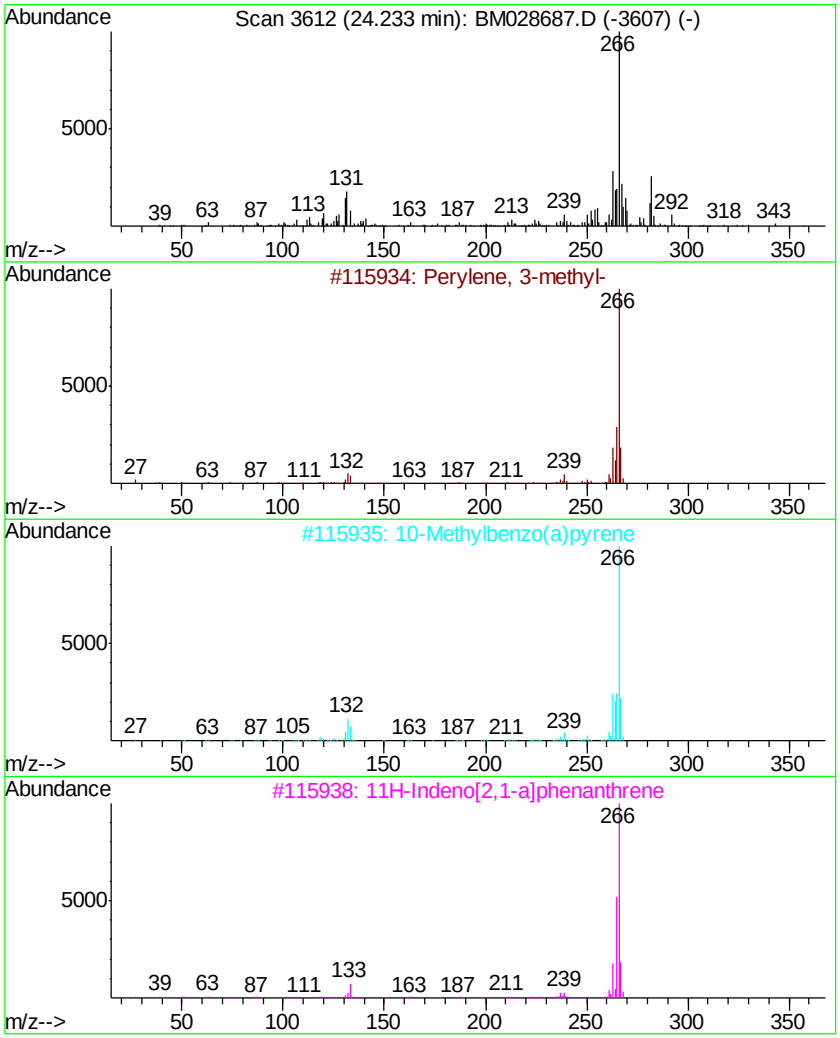
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

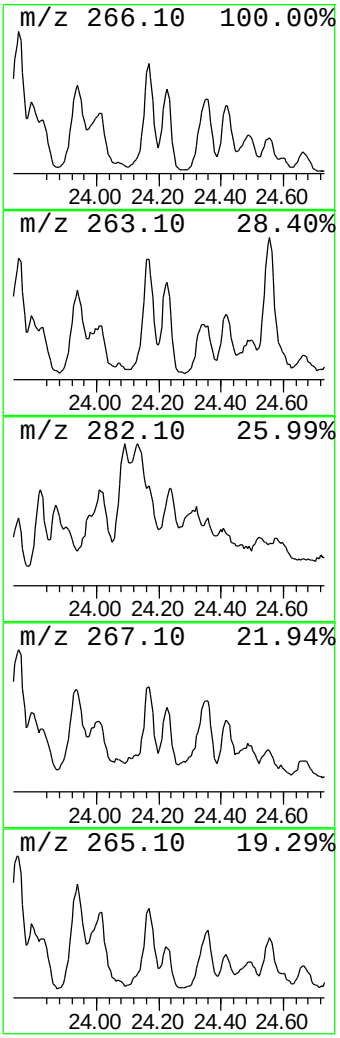
****

Peak Number 44 10-Methylbenzo(a)pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	15.35 ng/ul	177092	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	60
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	55
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	53
4	4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	50
5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

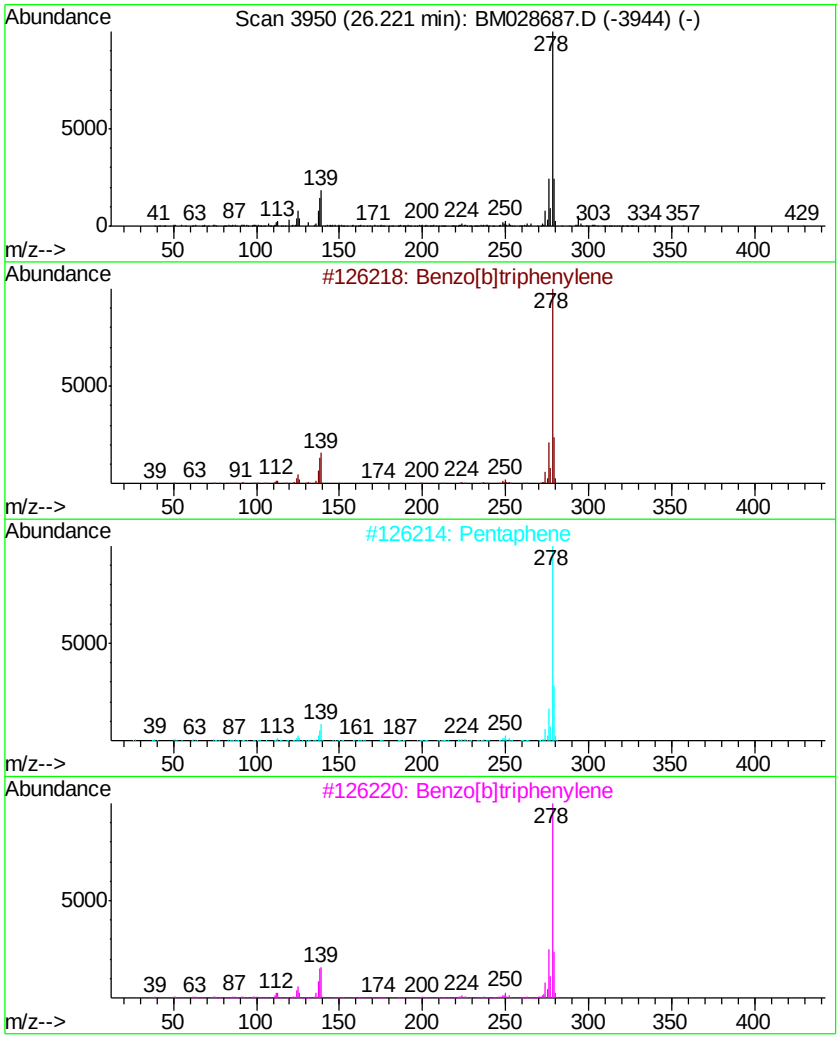
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

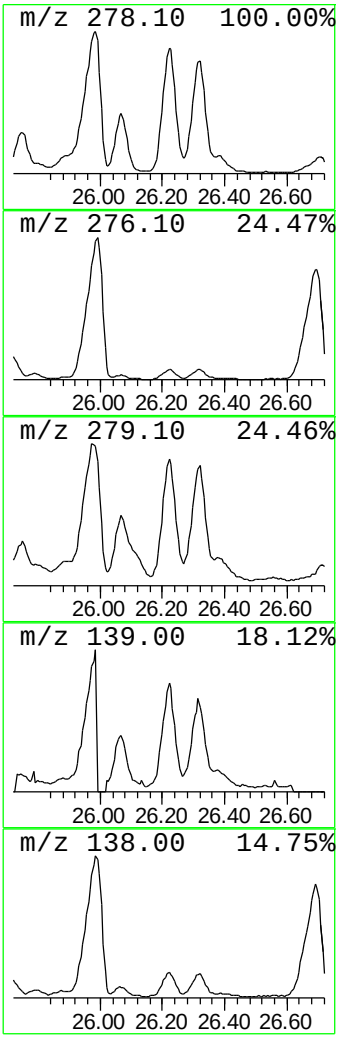
****

Peak Number 45 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	44.29 ng/ul	511023	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Pentaphene	278	C22H14	000222-93-5	98
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
4	Picene	278	C22H14	000213-46-7	98
5	Picene	278	C22H14	000213-46-7	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

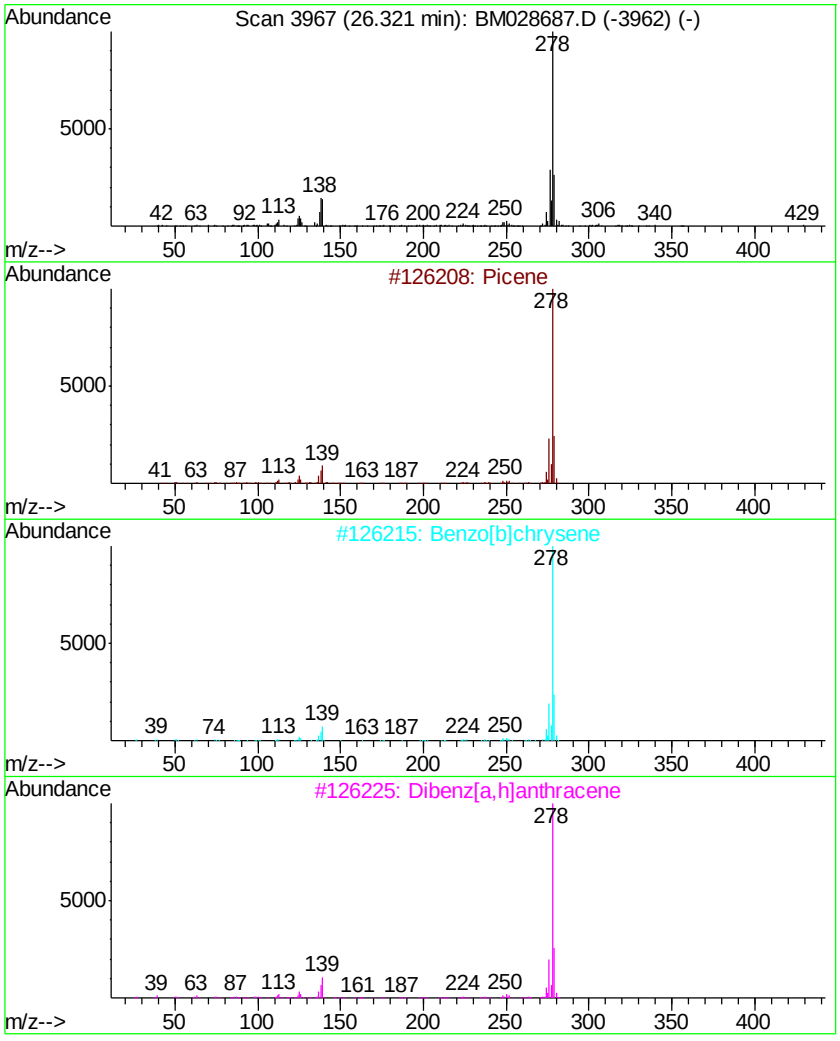
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

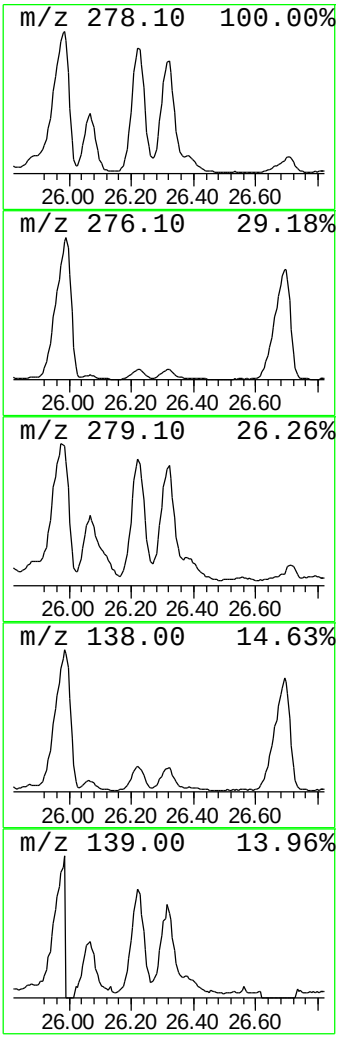
****

Peak Number 46 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.32	25.17 ng/ul	290468	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Benzo[b]chrysene	278	C22H14	000214-17-5	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Pentaphene	278	C22H14	000222-93-5	95
5	Picene	278	C22H14	000213-46-7	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
Data File : BM028687.D
Acq On : 09 Feb 2021 16:40
Operator : CG/JU
Sample : M1310-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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
Naphthalene, 2-ph...	18.65	49.8	ng/ul	763626	4	17.29	306849	20.0
9,10-Anthracenedione	18.71	64.6	ng/ul	991642	4	17.29	306849	20.0
Anthracene, 2-ethyl-	18.89	26.4	ng/ul	405118	4	17.29	306849	20.0
Phenanthrene, 3,6...	18.94	15.2	ng/ul	232642	4	17.29	306849	20.0
Phenanthrene, 2,5...	18.99	14.0	ng/ul	215251	4	17.29	306849	20.0
Phenanthrene, 1,7...	19.07	42.2	ng/ul	647627	4	17.29	306849	20.0
Naphthalic anhydride	19.11	35.3	ng/ul	541044	4	17.29	306849	20.0
9,10-Dimethylanth...	19.16	12.9	ng/ul	197325	4	17.29	306849	20.0
Cyclopenta(def)ph...	19.23	58.7	ng/ul	901276	4	17.29	306849	20.0
Indeno[2,1-b]chro...	19.87	2.5	ng/ul	842729	5	21.45	6628510	20.0
Pyrene, 1-methyl-	20.03	3.9	ng/ul	1277420	5	21.45	6628510	20.0
11H-Benzo[b]fluorene	20.14	2.2	ng/ul	739793	5	21.45	6628510	20.0
Fluoranthene, 2-m...	20.34	3.5	ng/ul	1151040	5	21.45	6628510	20.0
11H-Benzo[a]fluor...	20.93	5.1	ng/ul	1701400	5	21.45	6628510	20.0
Benzo[b]naphtho[2...	21.09	4.9	ng/ul	1624800	5	21.45	6628510	20.0
Cyclopenta(cd)pyr...	21.13	2.5	ng/ul	810725	5	21.45	6628510	20.0
Cyclopenta[cd]pyrene	21.17	2.3	ng/ul	755808	5	21.45	6628510	20.0
7H-Benz[de]anthra...	21.23	4.4	ng/ul	1454590	5	21.45	6628510	20.0
11H-Benzo[a]carba...	21.75	2.4	ng/ul	802170	5	21.45	6628510	20.0
Chrysene, 1-methyl-	21.99	3.6	ng/ul	1208190	5	21.45	6628510	20.0
Triphenylene, 2-m...	22.04	2.0	ng/ul	669671	5	21.45	6628510	20.0
Chrysene, 6-methyl-	22.18	2.2	ng/ul	730334	5	21.45	6628510	20.0
Benz(a)anthracene...	22.57	10.5	ng/ul	121095	6	23.69	230785	20.0
9H-Fluorene, 9-(p...	22.76	60.6	ng/ul	699886	6	23.69	230785	20.0
Benzo[e]pyrene	23.19	56.7	ng/ul	654619	6	23.69	230785	20.0
Benzo(a)pyrene 4,...	23.32	39.7	ng/ul	458077	6	23.69	230785	20.0
Perylene, 3-methyl-	24.17	22.6	ng/ul	261344	6	23.69	230785	20.0
10-Methylbenzo(a)...	24.23	15.4	ng/ul	177092	6	23.69	230785	20.0
Benzo[b]triphenylene	26.22	44.3	ng/ul	511023	6	23.69	230785	20.0
Picene	26.32	25.2	ng/ul	290468	6	23.69	230785	20.0