LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

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-BM072720MA.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	2.902	23	28	36	rBV	107346	192612	1.36%	0.203%
2	2.978	36	41	55	rVB	467643	597797	4.23%	0.629%
3	6.837	690	697	706	rBV	74120	120556	0.85%	0.127%
4	6.995	719	724	733	rVB	52820	86169	0.61%	0.091%
5	7.195	752	758	770	rVB	74568	122665	0.87%	0.129%
6	7.660	830	837	846	rVB	451529	691006	4.90%	0.727%
7	8.195	920	928	936	rBV	100177	180195	1.28%	0.189%
8	8.360	950	956	962	rBV	92126	144176	1.02%	0.152%
9	8.801	1022	1031	1038	rBV	70404	114438	0.81%	0.120%
10	9.519	1146	1153	1162	rVB2	57368	92136	0.65%	0.097%
11	10.054	1238	1244	1252	rVB	92987	154298	1.09%	0.162%
12	10.436	1301	1309	1313	rBV	562865	975792	6.91%	1.026%
13	10.483	1313	1317	1324	rVB	211457	351568	2.49%	0.370%
14	10.566	1324	1331	1343	rBV2	48710	105598	0.75%	0.111%
15	11.930	1556	1563	1569	rBV	25973	57264	0.41%	0.060%
16	12.101	1586	1592	1599	rVB	67645	108945	0.77%	0.115%
17	13.707	1860	1865	1869	rVV	150269	211166	1.50%	0.222%
18	13.748	1869	1872	1877	rVB2	48262	66515	0.47%	0.070%
19	13.983	1905	1912	1913	rBV	181124	248200	1.76%	0.261%
20	14.013	1913	1917	1927	rVV	446661	714506	5.06%	0.751%
21	14.295	1958	1965	1970	rVV	836476	1258419	8.91%	1.323%
22	14.354	1970	1975	1983	rVB2	51996	99728	0.71%	0.105%
23	14.477	1988	1996	2003	rBV2	71590	112539	0.80%	0.118%
24	14.695	2026	2033	2037	rBV	93788	149003	1.06%	0.157%
25	15.289	2126	2134	2138	rBV	222771	326207	2.31%	0.343%
26	15.342	2138	2143	2149	rVV	73111	128818	0.91%	0.135%
27	15.395	2149	2152	2159	rVV	44627	69474	0.49%	0.073%
28	15.783	2215	2218	2225	rVB2	27548	54618	0.39%	0.057%
29	16.007	2251	2256	2261	rBV	95991	166465	1.18%	0.175%
30	16.613	2355	2359	2363	rVV	92556	135549	0.96%	0.143%
31	16.689	2367	2372	2381	rVB	106719	173962	1.23%	0.183%
32	16.848	2392	2399	2403	rVV3	32072	70741	0.50%	0.074%
33	17.036	2425	2431	2434	rBV	1002864	1432285	10.15%	1.506%
34	17.071	2434	2437	2443	rVV	453139	636992	4.51%	0.670%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

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-BM072720MA.M
Title : SVOA CALIBRATION

35	17.130	2443	2447	2449	rVV	243431	340758	2.41%	0.358%
36	17.165	2449	2453	2459	rVB	1947125	2734832	19.37%	2.876%
37	17.430	2489	2498	2504	rBV	206574	357070	2.53%	0.375%
38	17.736	2547	2550	2558	rVB4	52720	80649	0.57%	0.085%
39	17.954	2583	2587	2595	rVB2	327968	434370	3.08%	0.457%
40	18.036	2596	2601	2606	rBV	176835	238534	1.69%	0.251%
41	18.107	2607	2613	2618	rBV3	128358	268221	1.90%	0.282%
42	18.295	2641	2645	2652	rVB	208336	290739	2.06%	0.306%
43	18.383	2656	2660	2662	rBV2	44472	64842	0.46%	0.068%
44	18.412	2663	2665	2667	rVV	62503	70495	0.50%	0.074%
45	18.448	2667	2671	2677	rVB	179695	246838	1.75%	0.260%
46	18.830	2731	2736	2741	rBV3	120351	203018	1.44%	0.213%
47	18.912	2745	2750	2755	rVB3	230860	303890	2.15%	0.320%
48	18.971	2755	2760	2767	rVB	287718	429332	3.04%	0.451%
49	19.048	2769	2773	2776	rBV	143703	186294	1.32%	0.196%
50	19.095	2776	2781	2788	rBV	2892834	3939433	27.91%	4.142%
51	19.242	2802	2806	2811	rBV2	354467	473982	3.36%	0.498%
52	19.430	2833	2838	2839	rBV2	656047	802549	5.69%	0.844%
53	19.459	2839	2843	2851	rVV	3363394	4359049	30.88%	4.584%
54	19.536	2852	2856	2863	rVB6	96439	191035	1.35%	0.201%
55	19.642	2870	2874	2878	rBV	158185	202155	1.43%	0.213%
56	19.695	2880	2883	2890	rVB2	146568	244261	1.73%	0.257%
57	19.795	2894	2900	2904	rBV2	341004	644543	4.57%	0.678%
58	19.924	2917	2922	2933	rVB5	435374	1221539	8.65%	1.284%
59	20.053	2941	2944	2948	rVB	235811	289988	2.05%	0.305%
60	20.112	2948	2954	2958	rBV2	417028	703156	4.98%	0.739%
61	20.153	2958	2961	2965	rVB2	157466	178751	1.27%	0.188%
62	20.201	2966	2969	2973	rBV3	73229	109585	0.78%	0.115%
63	20.253	2974	2978	2982	rBV	370741	480979	3.41%	0.506%
64	20.301	2982	2986	2988	rBV2	155768	254204	1.80%	0.267%
65	20.512	3019	3022	3034	rBV6	170037	456635	3.23%	0.480%
66	20.624	3038	3041	3043	rVV4	103241	117837	0.83%	0.124%
67	20.659	3044	3047	3051	rVV	137395	220024	1.56%	0.231%
68	20.706	3051	3055	3061	rVB2	468221	776035	5.50%	0.816%
69	20.871	3077	3083	3086	rBV3	465056	855194	6.06%	0.899%
70	20.906	3086	3089	3092	rVV2	413951	540866	3.83%	0.569%
71	20.948	3092	3096	3101	rVV2	935555	1427682	10.11%	1.501%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

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-BM072720MA.M
Title : SVOA CALIBRATION

72	21.000	3101	3105	3108	rVB2	318750	416042	2.95%	0.437%
73	21.106	3120	3123	3129	rVB3	185390	333320	2.36%	0.350%
74	21.212	3133	3141	3146	rBV2	2970714	6089404	43.14%	6.403%
75	21.265	3146	3150	3157	rVB	4891936	6465126	45.80%	6.798%
76	21.342	3161	3163	3167	rVB2	167814	191891	1.36%	0.202%
77	21.395	3167	3172	3179	rBV4	422079	872069	6.18%	0.917%
78	21.483	3184	3187	3191	rVV2	395569	491013	3.48%	0.516%
79	21.530	3191	3195	3200	rVV2	487612	785075	5.56%	0.826%
80	21.583	3201	3204	3212	rVB2	327755	558674	3.96%	0.587%
81	21.718	3224	3227	3230	rBV2	186238	273663	1.94%	0.288%
82	21.771	3233	3236	3240	rVB	540128	709676	5.03%	0.746%
83	21.824	3241	3245	3252	rVB2	473712	691050	4.90%	0.727%
84	21.895	3254	3257	3264	rVB	225506	344759	2.44%	0.363%
85	21.965	3265	3269	3272	rBV2	360765	540861	3.83%	0.569%
86	22.065	3283	3286	3291	rVB	242939	335136	2.37%	0.352%
87	22.236	3311	3315	3319	rBV	236015	322576	2.29%	0.339%
88	22.512	3358	3362	3377	rVB3	505646	1624974	11.51%	1.709%
89	22.647	3379	3385	3390	rVV	676747	1189875	8.43%	1.251%
90	22.794	3401	3410	3414	rBV2	5991719	14116291	100.00%	14.843%
91	22.947	3431	3436	3443	rBV	786074	1287831	9.12%	1.354%
92	23.077	3453	3458	3468	rBV	412539	998680	7.07%	1.050%
93	23.259	3482	3489	3494	rVV	2347296	4199099	29.75%	4.415%
94	23.347	3498	3504	3511	rVB	2053660	3784709	26.81%	3.980%
95	23.441	3513	3520	3524	rBV2	715709	1467648	10.40%	1.543%
96	23.489	3524	3528	3537	rVB2	624067	1428025	10.12%	1.502%
97	24.983	3776	3782	3787	rBV2	266710	603306	4.27%	0.634%
98	25.418	3851	3856	3865	rVB2	617398	1397720	9.90%	1.470%
99	25.665	3887	3898	3907	rVB	2207970	6335310	44.88%	6.662%
100	26.330	4003	4011	4024	rVB	786979	2358364	16.71%	2.480%

Sum of corrected areas: 95101933

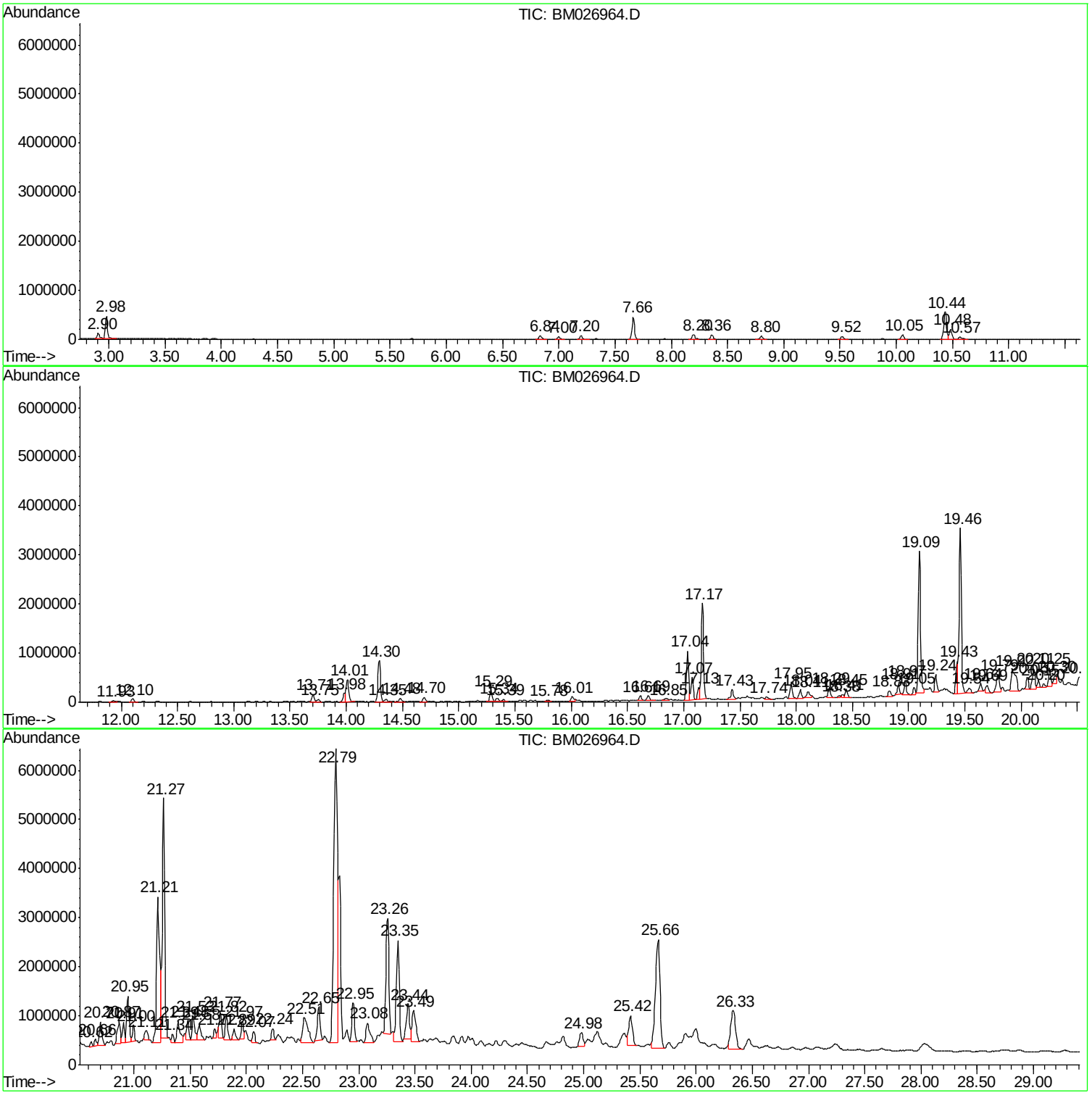
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

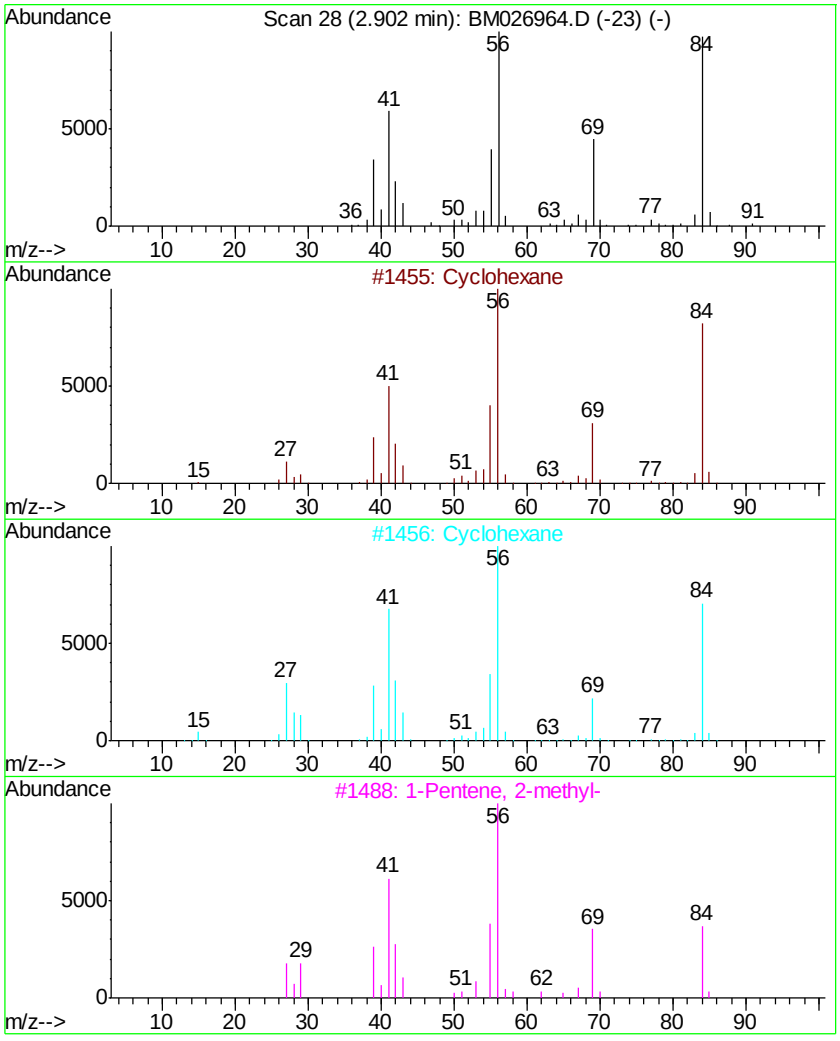
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

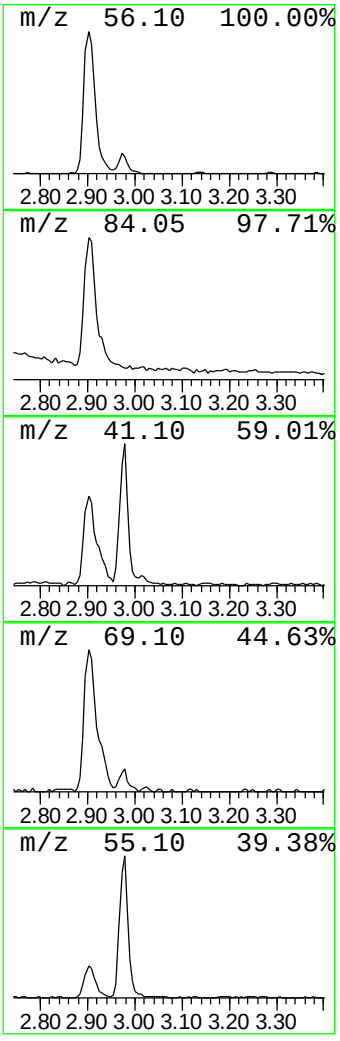
****

Peak Number 1 (DEL) Alkane: Cyclic2.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	5.57 ng/ul	192612	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclohexane	84	C6H12	000110-82-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

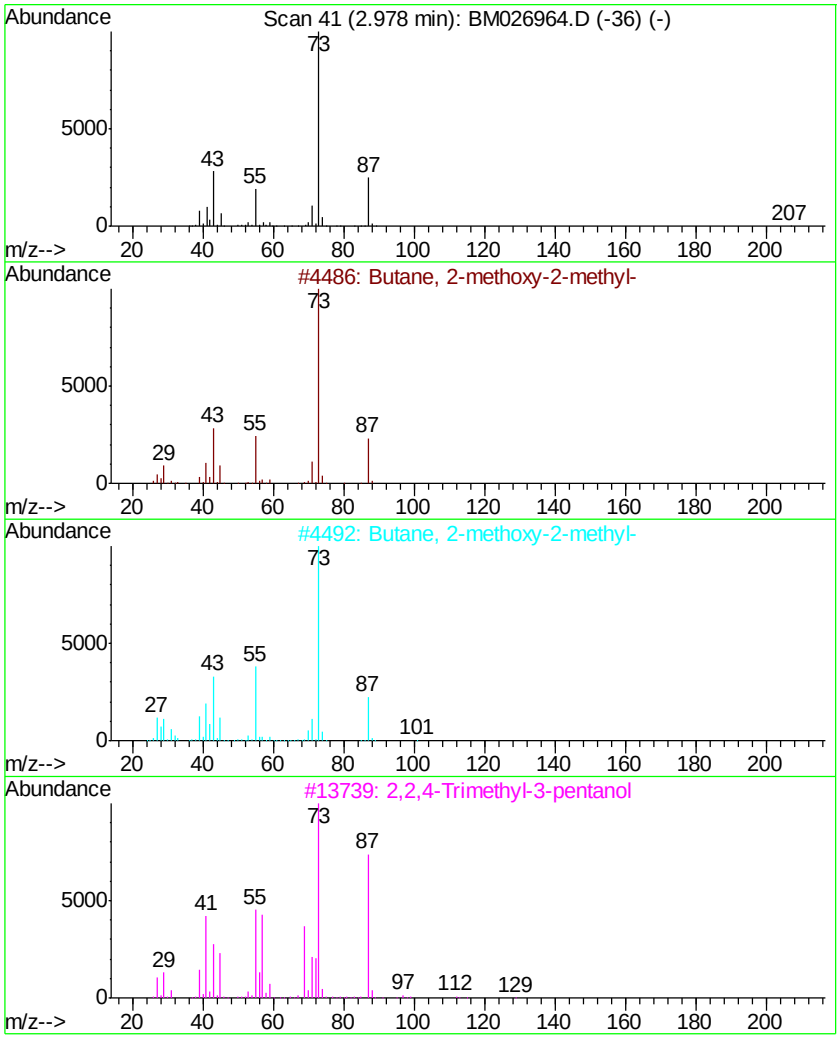
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

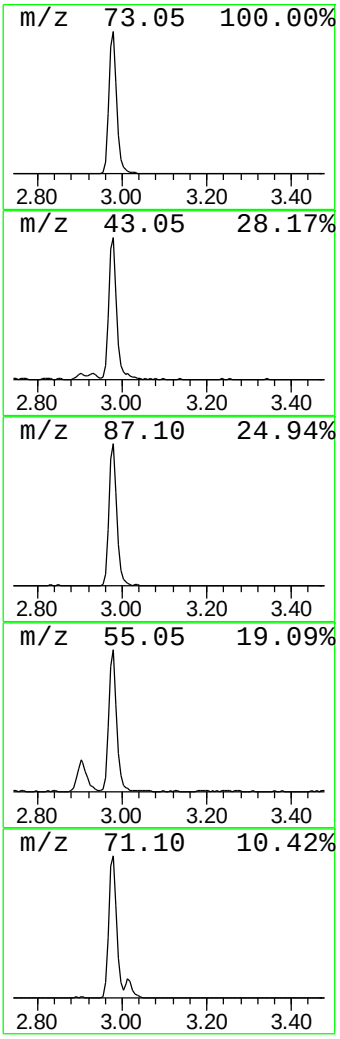
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	17.30 ng/ul	597797	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

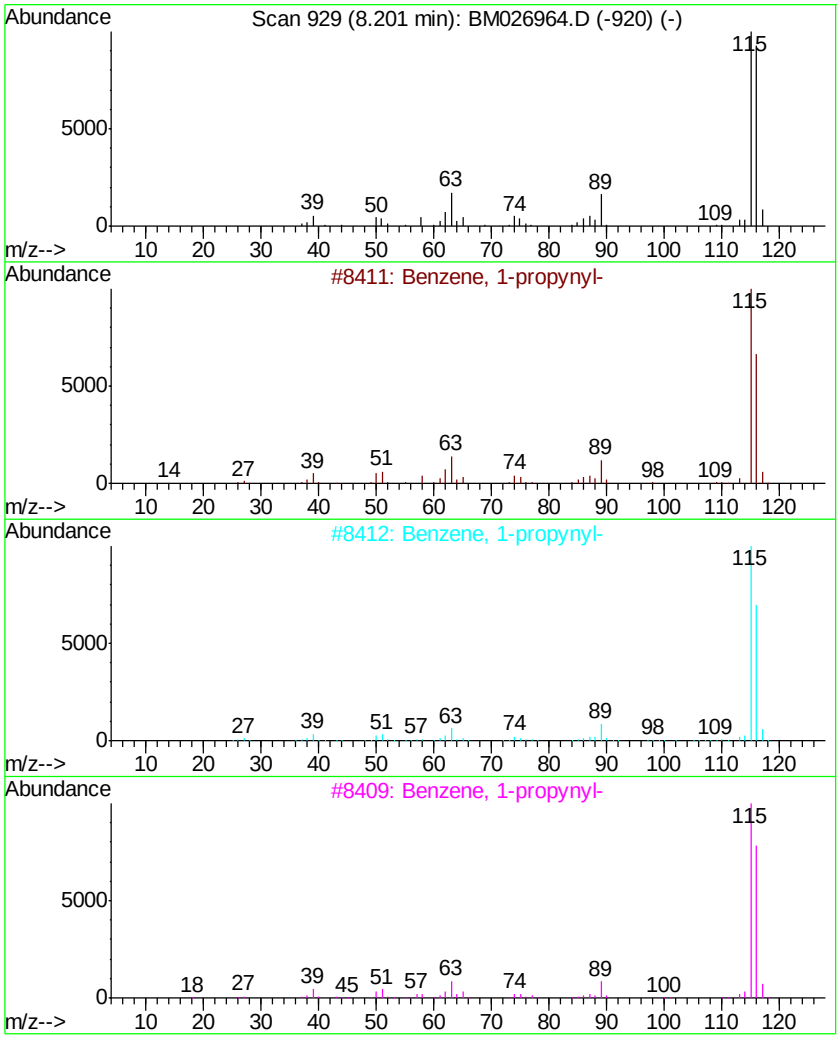
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

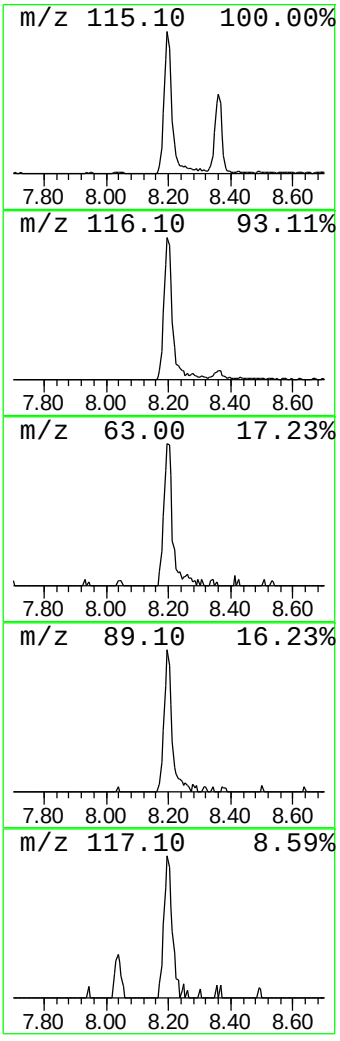
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	5.22 ng/ul	180195	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

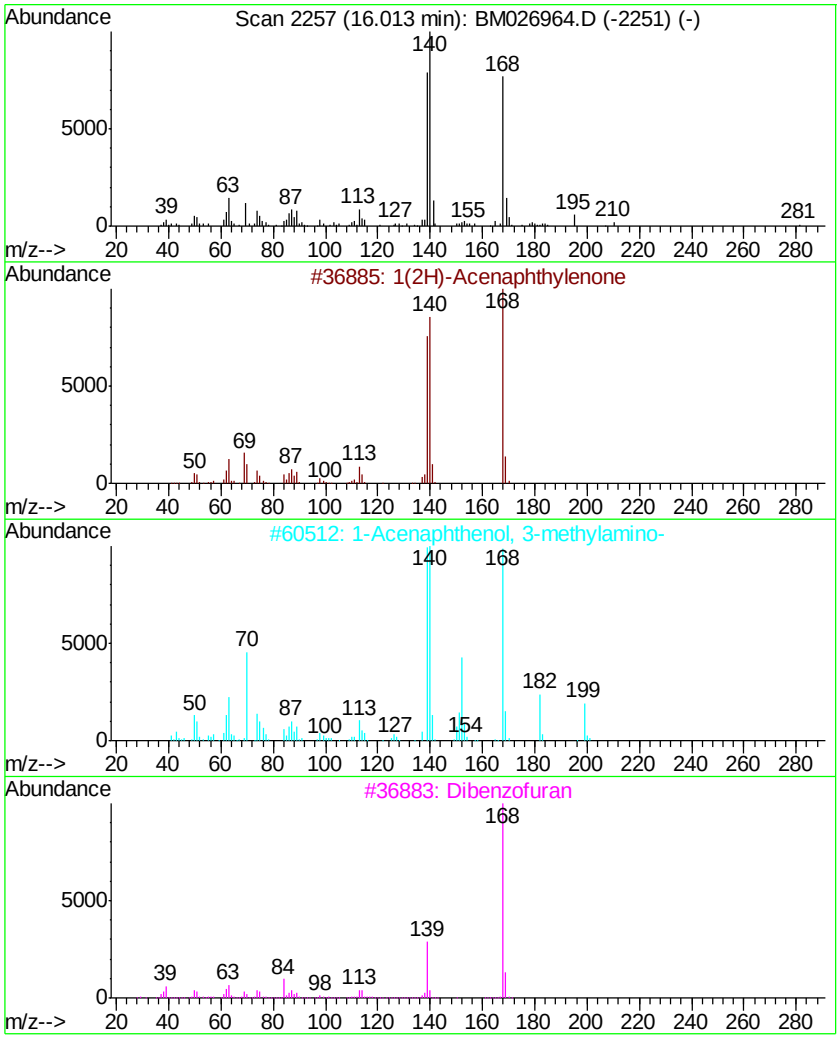
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

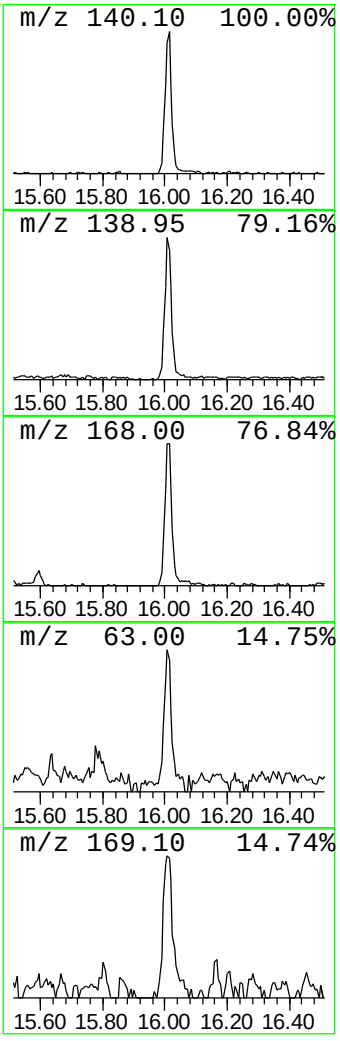
****

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.32 ng/ul	166465	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	90
3	Dibenzofuran	168	C12H8O	000132-64-9	60
4	Cyclobuta[del]naphthalene	140	C11H8	024973-91-9	49
5	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

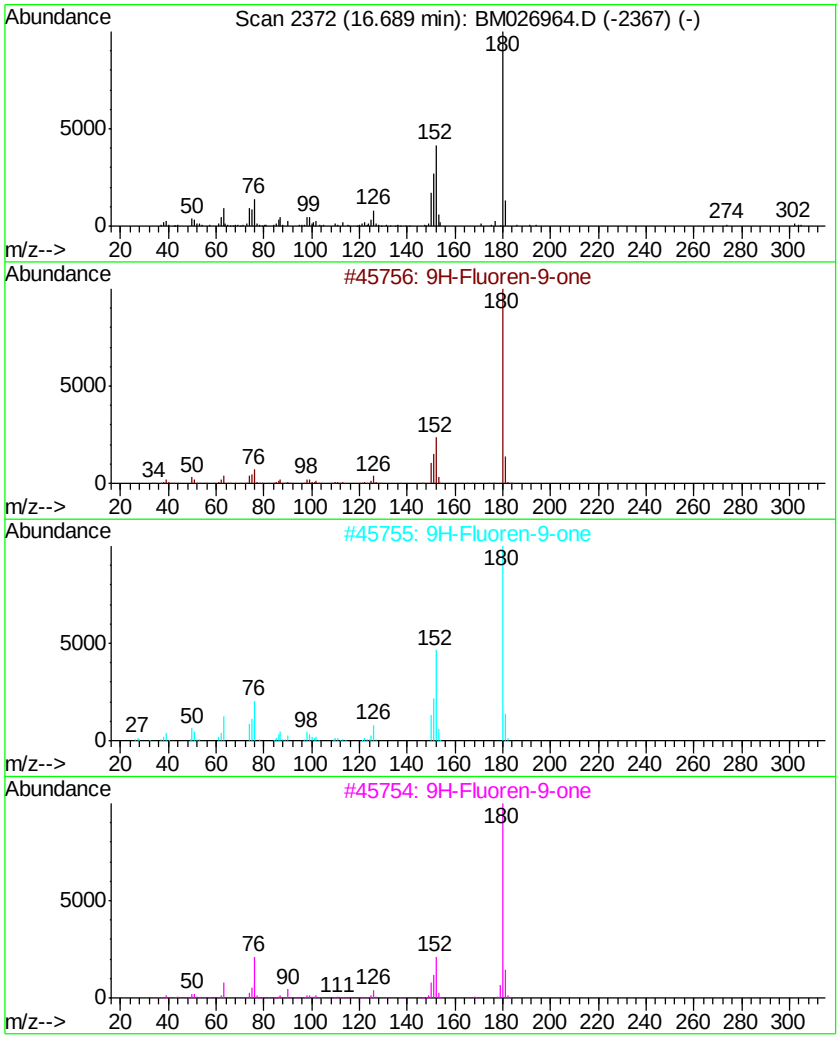
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

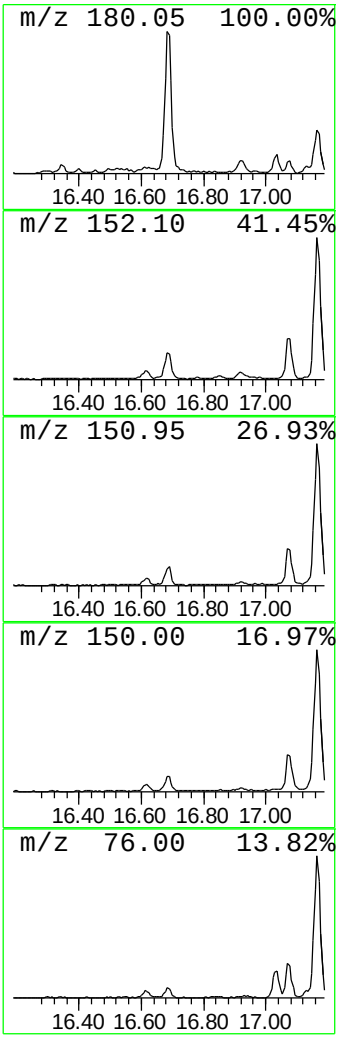
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.43 ng/ul	173962	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

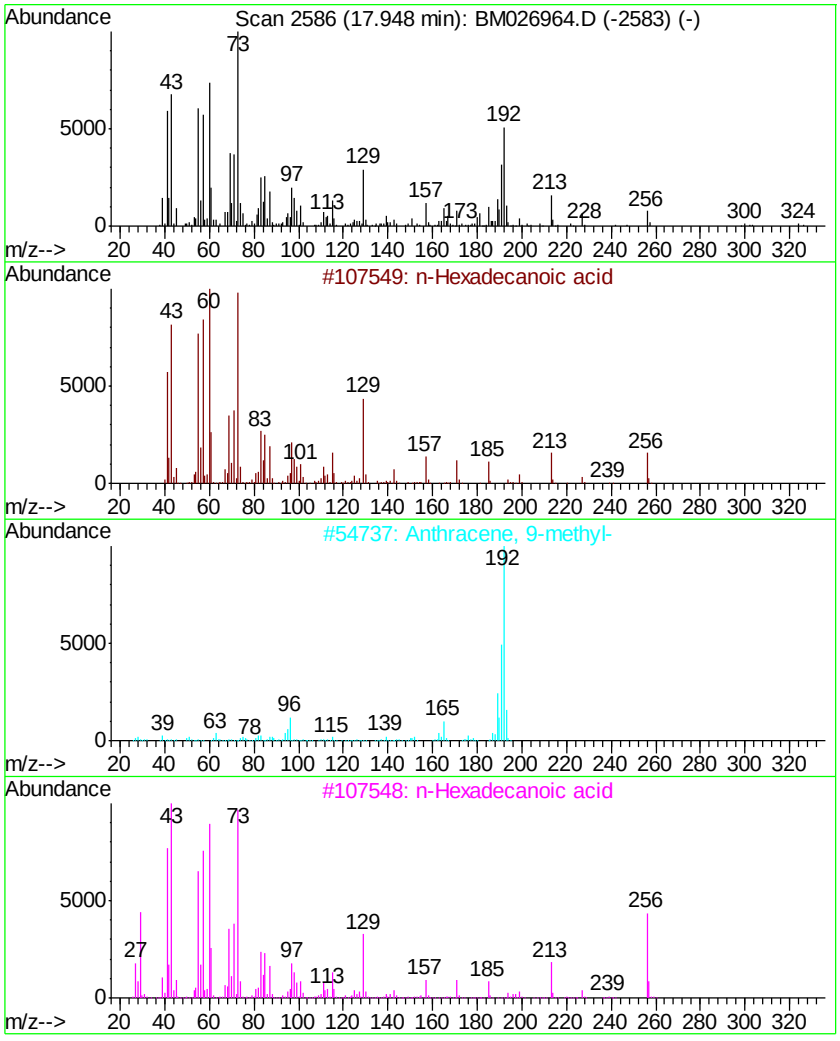
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

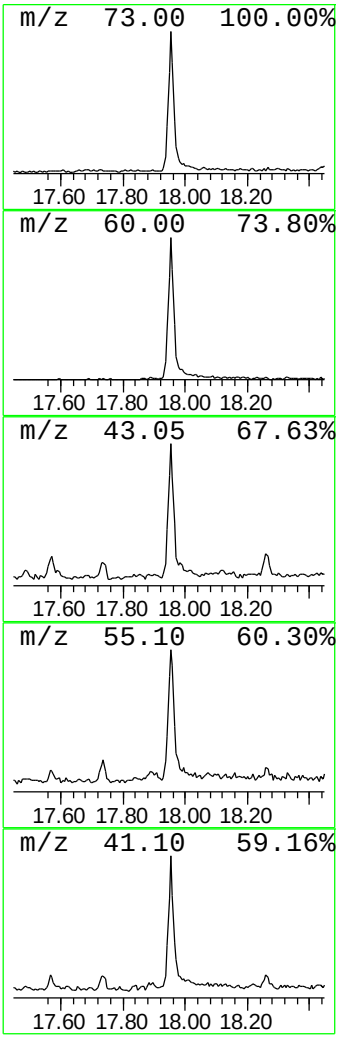
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.07 ng/ul	434370	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

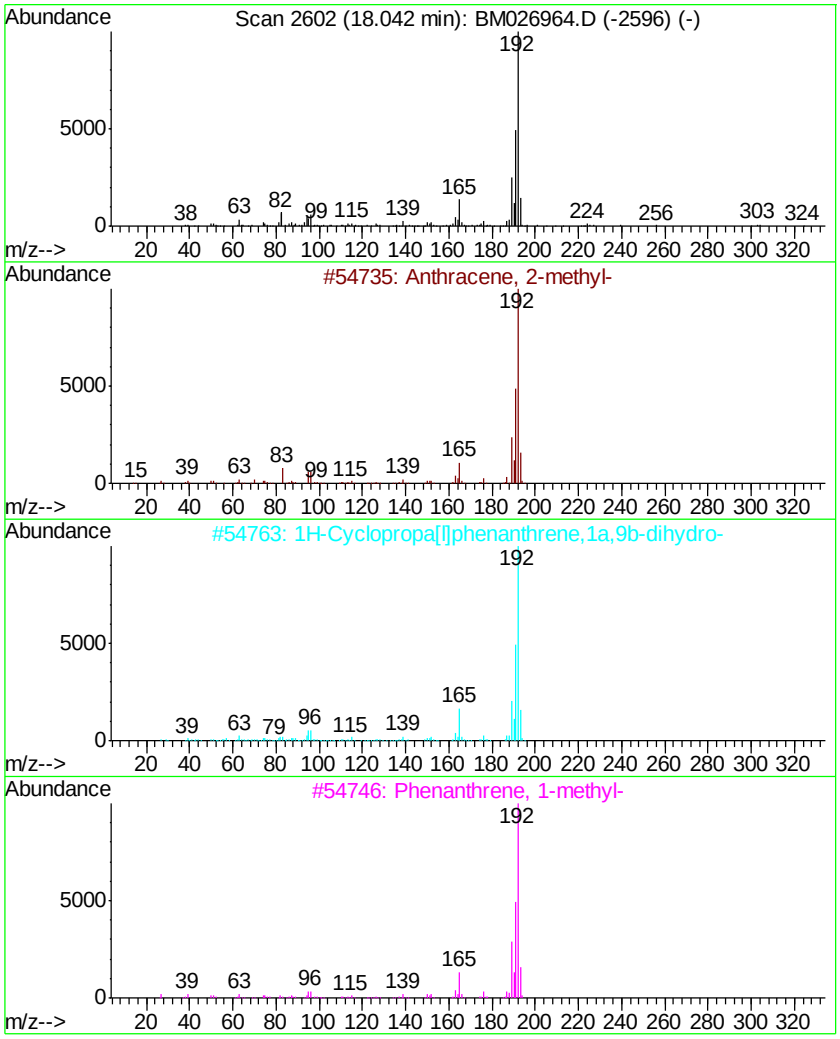
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

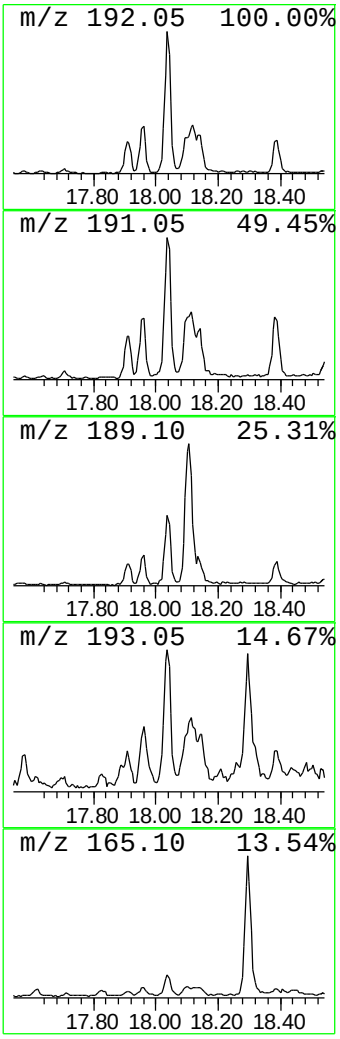
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.33 ng/ul	238534	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

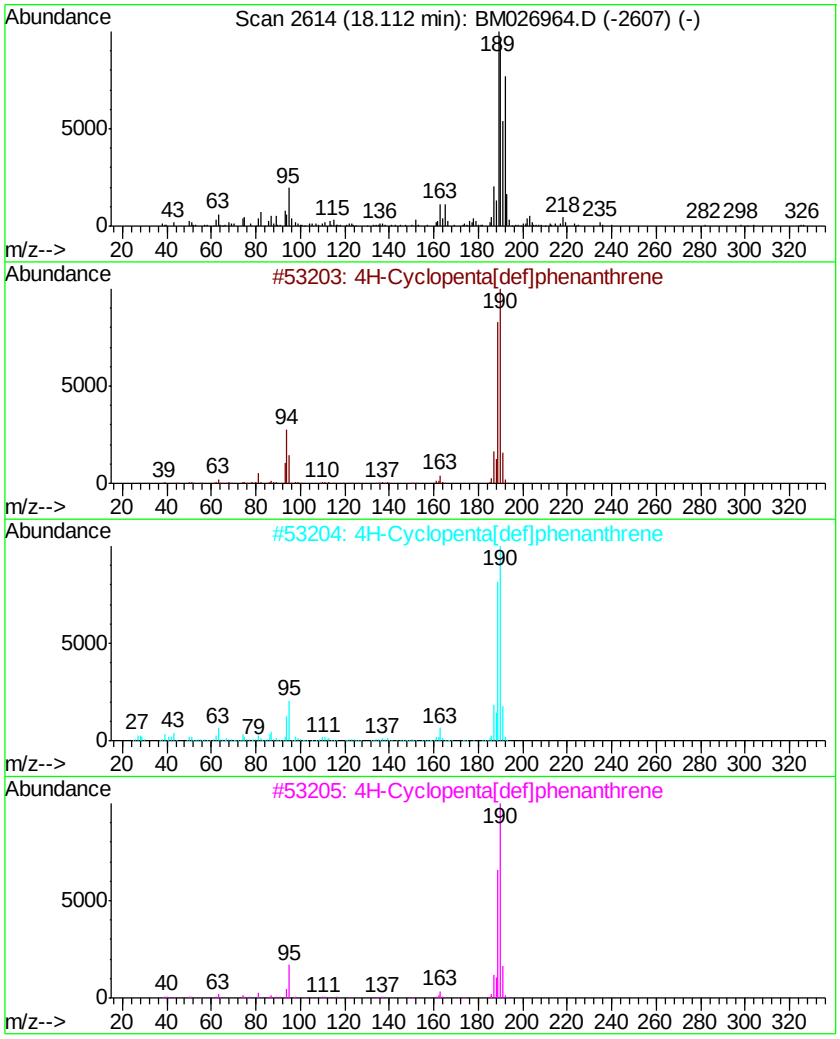
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

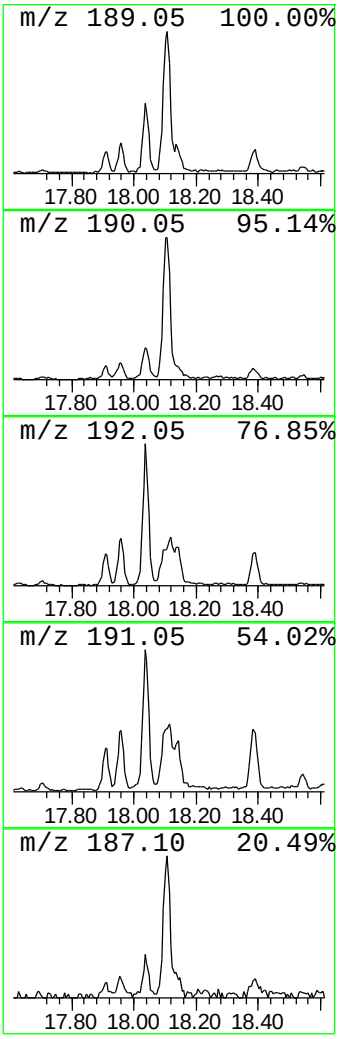
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.75 ng/ul	268221	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

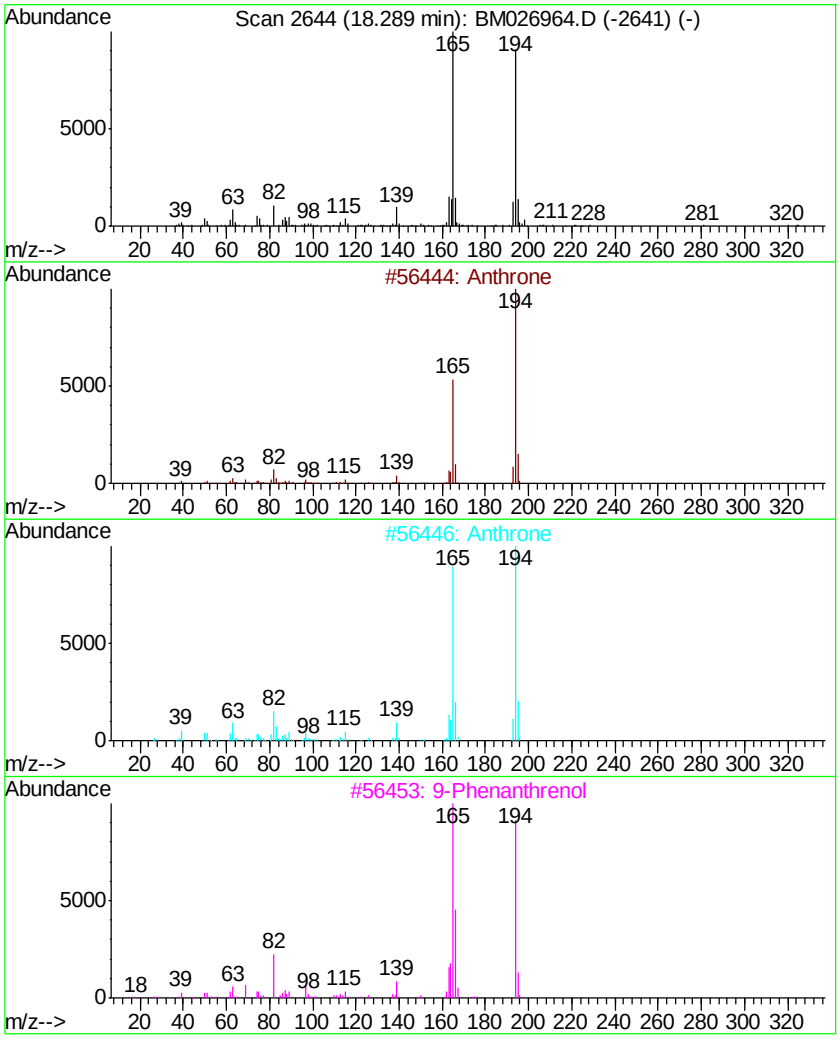
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

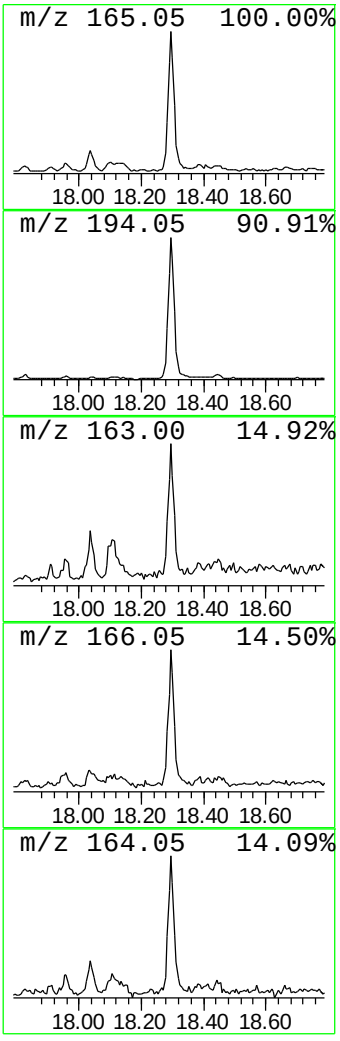
****

Peak Number 9 Anthrone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	4.06 ng/ul	290739	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	95
2	Anthrone	194	C14H10O	000090-44-8	93
3	9-Phenanthrenol	194	C14H10O	000484-17-3	93
4	3-Phenanthrol	194	C14H10O	000605-87-8	91
5	1-Phenanthrenol	194	C14H10O	002433-56-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

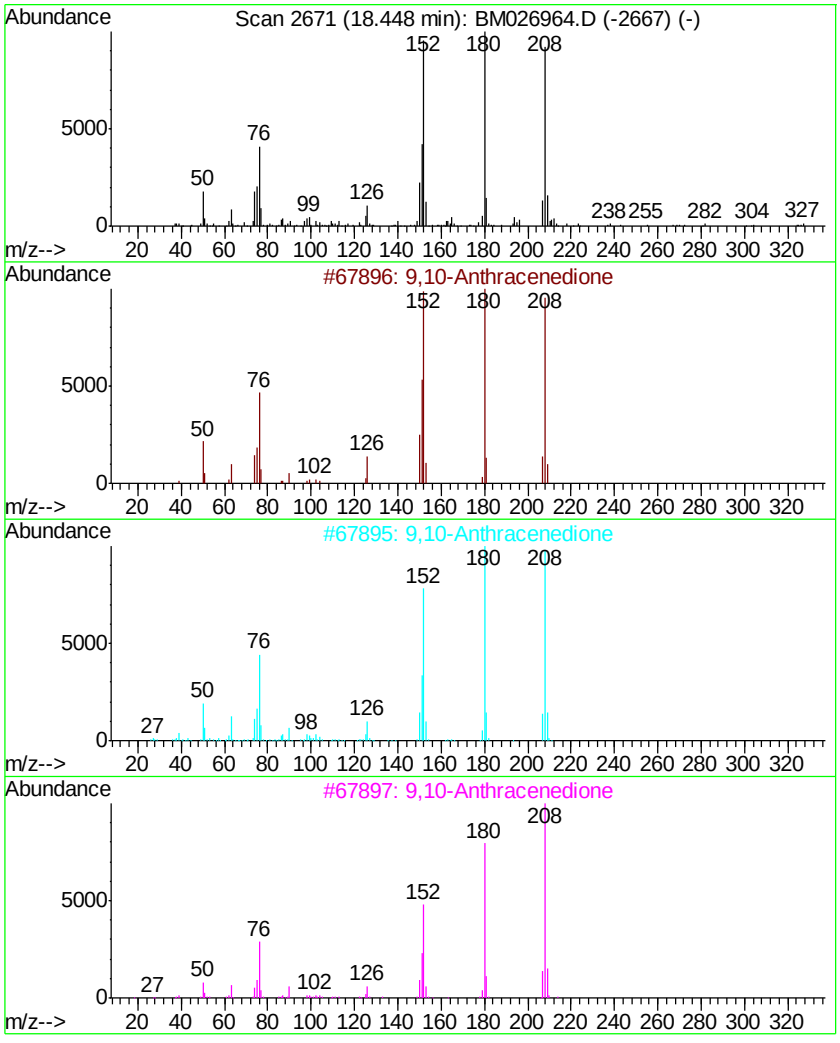
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

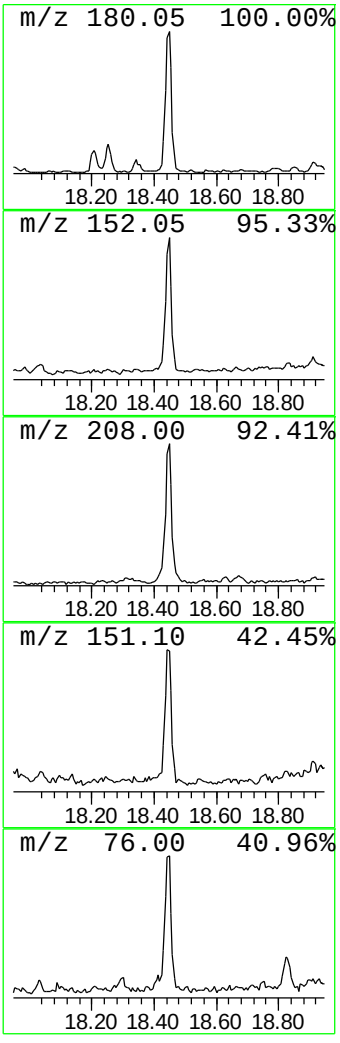
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.45 ng/ul	246838	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

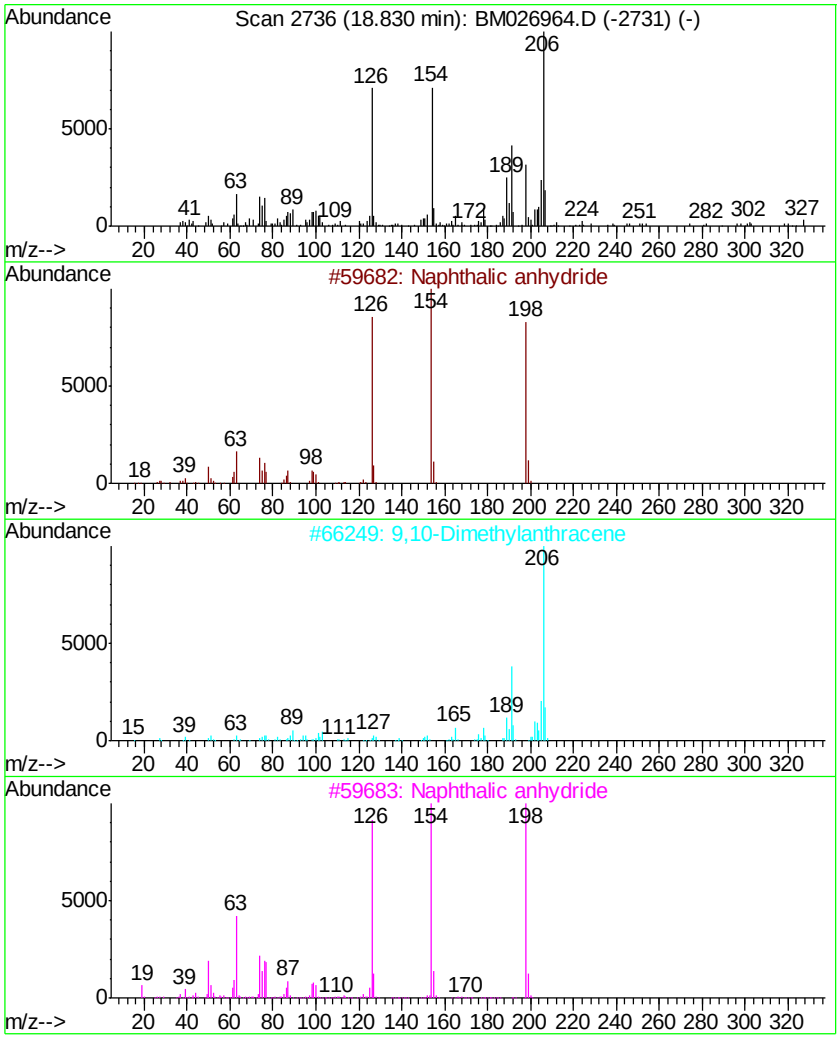
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

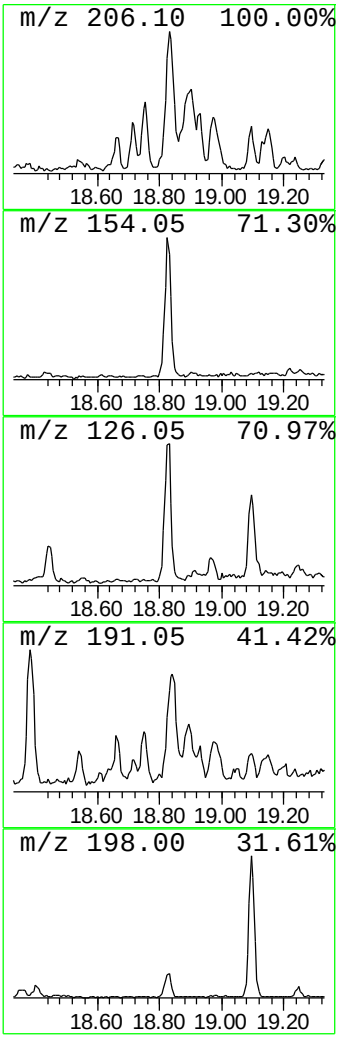
****

Peak Number 11 Naphthalic anhydride Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.83 ng/ul	203018	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	78
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

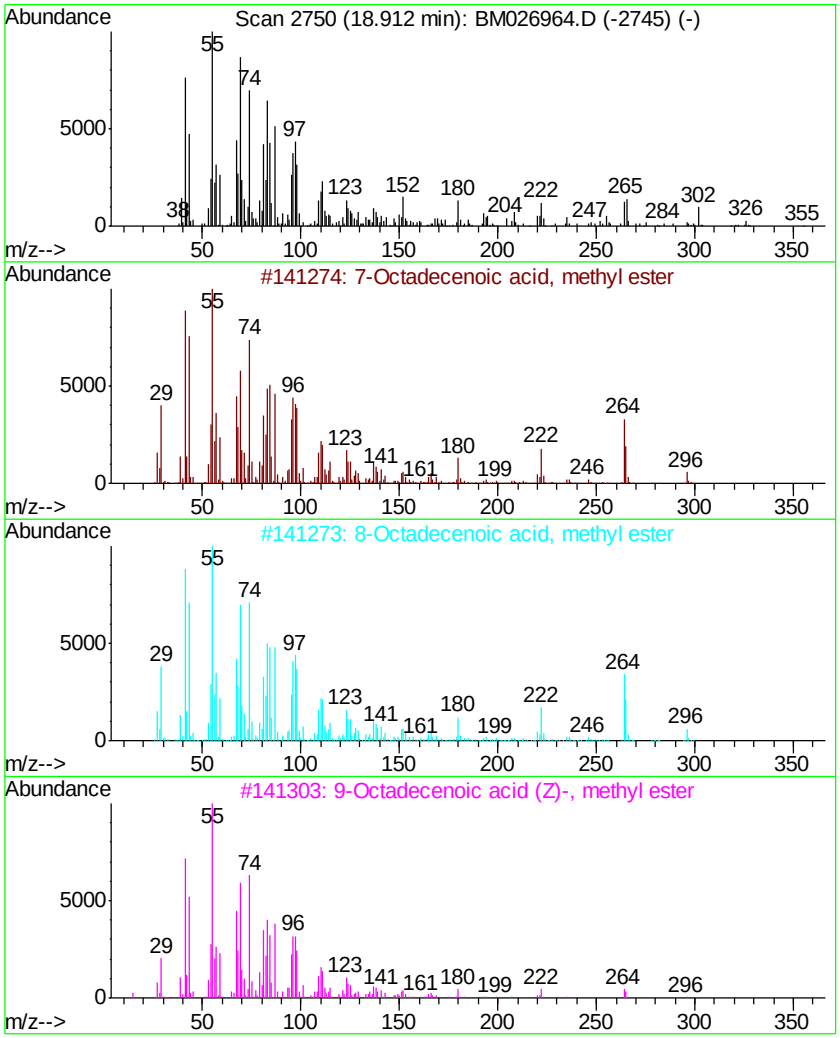
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

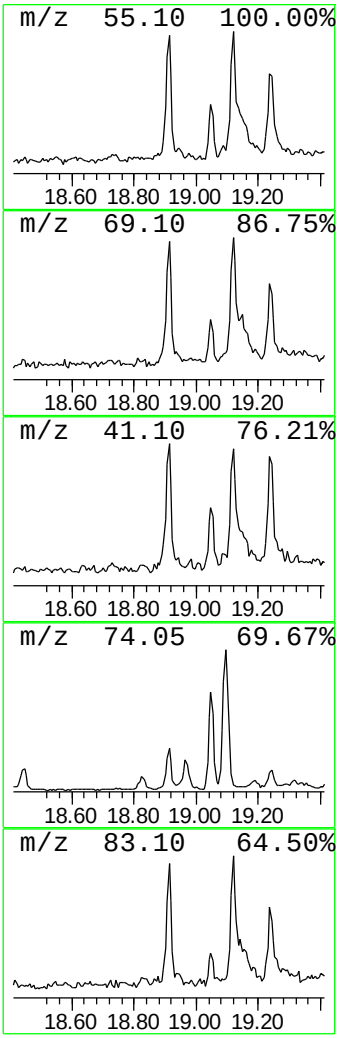
****

Peak Number 12 7-Octadecenoic acid, methyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	4.24 ng/ul	303890	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

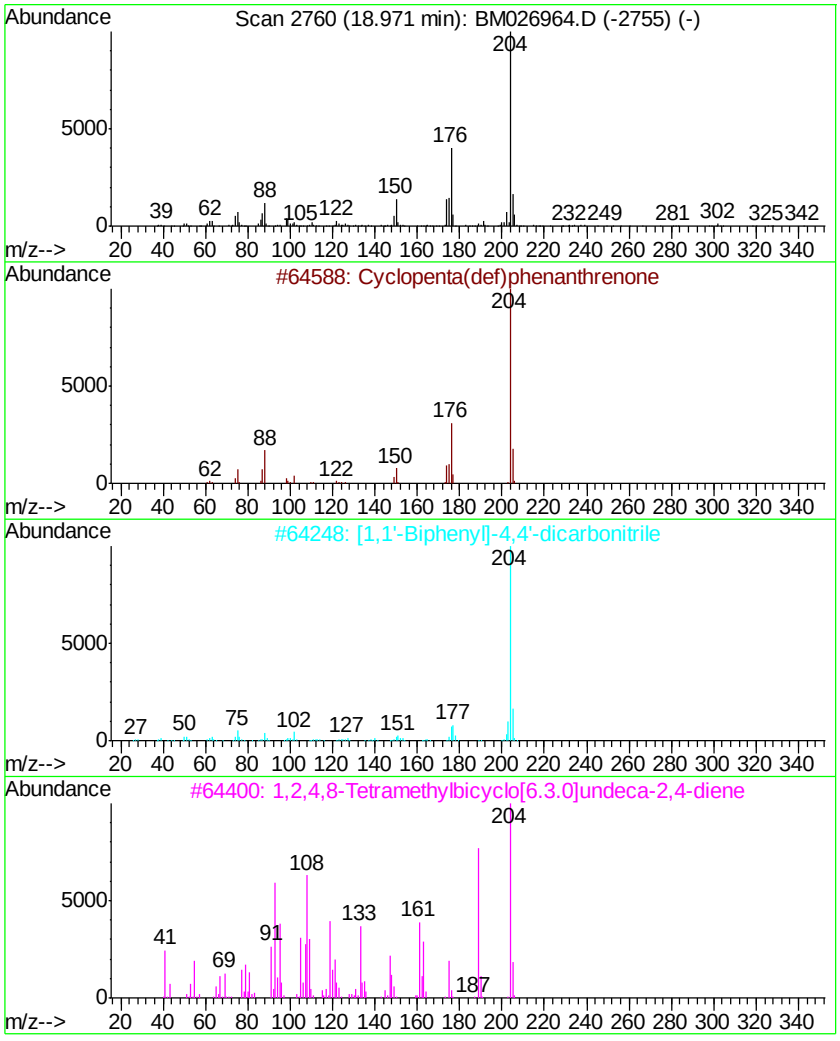
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

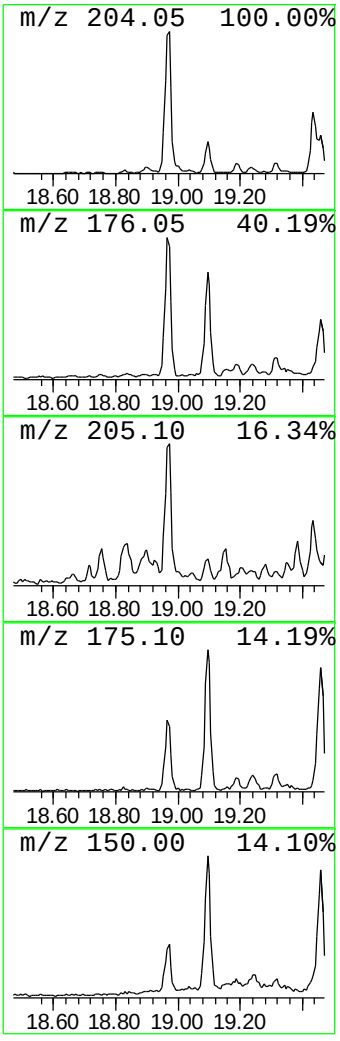
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	6.00 ng/ul	429332	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

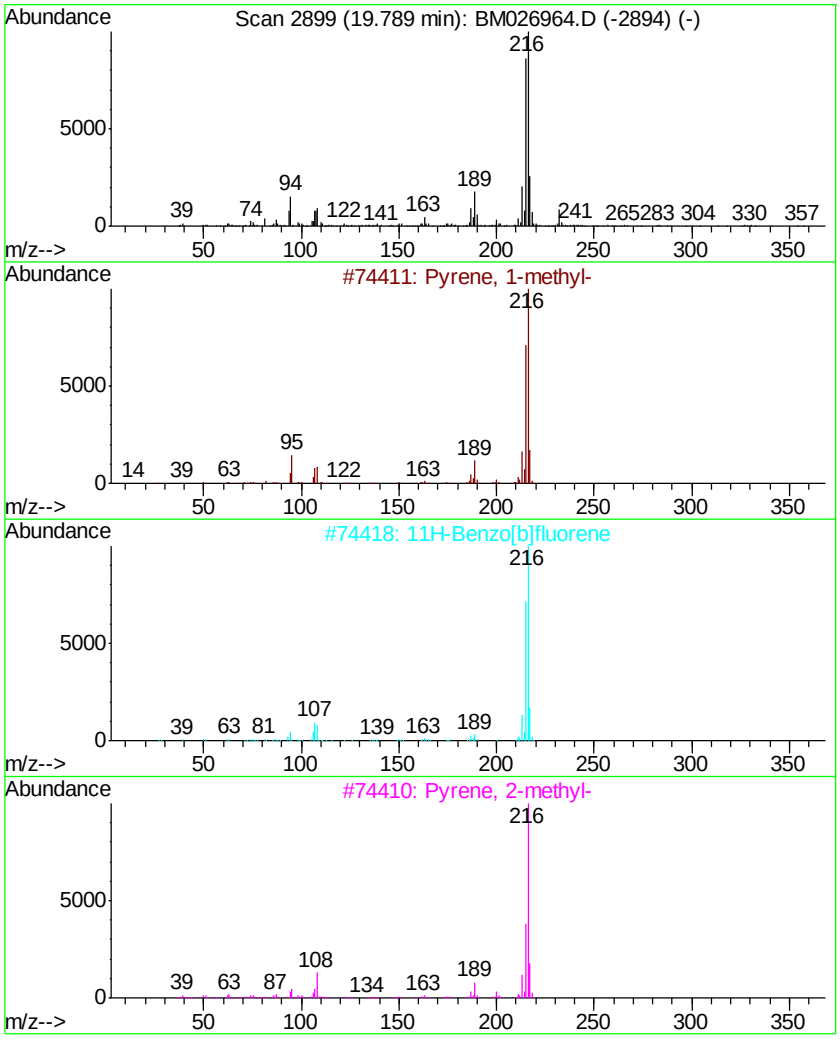
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

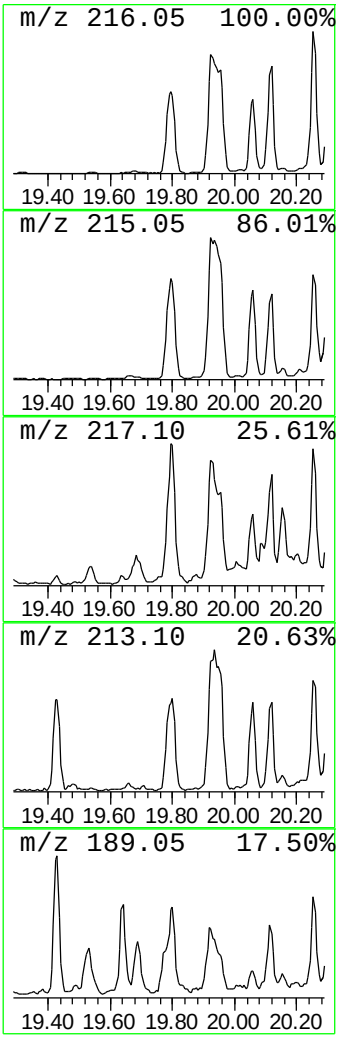
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.12 ng/ul	644543	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

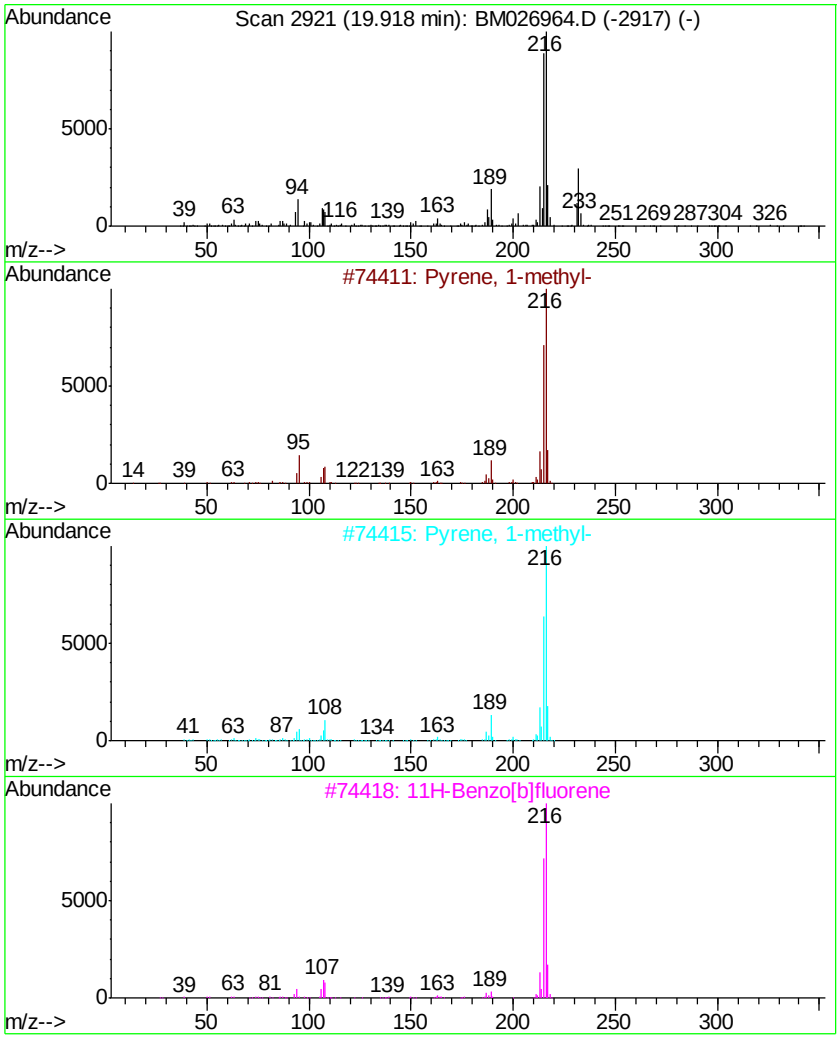
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

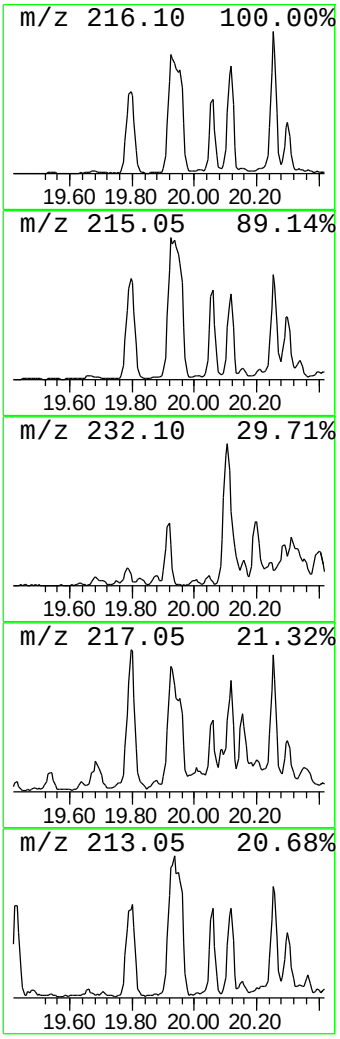
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	4.01 ng/ul	1221540	Chrysene-d12	21.22

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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

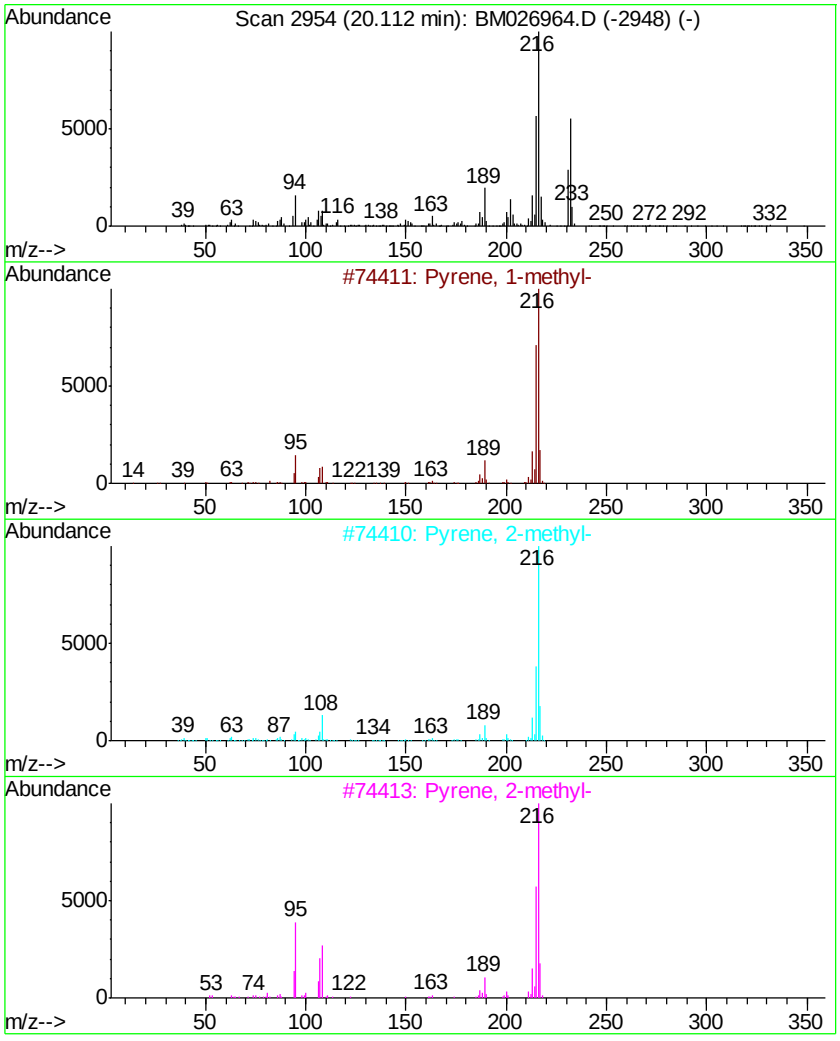
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

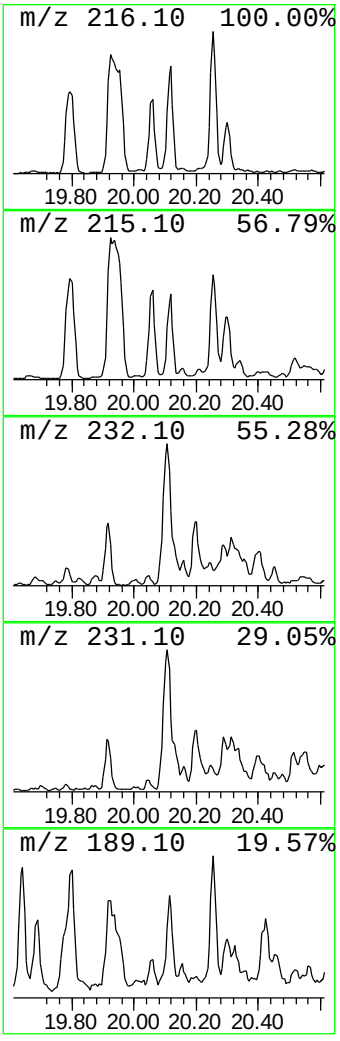
****

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.31 ng/ul	703156	Chrysene-d12	21.22

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	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

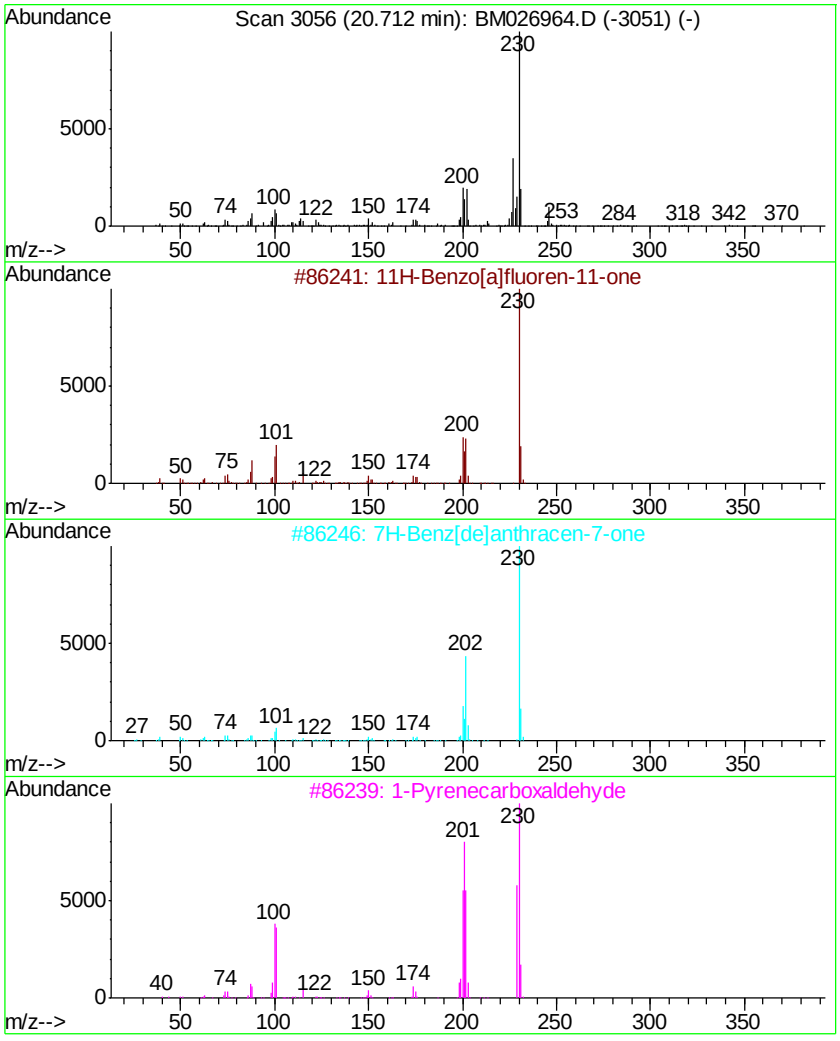
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

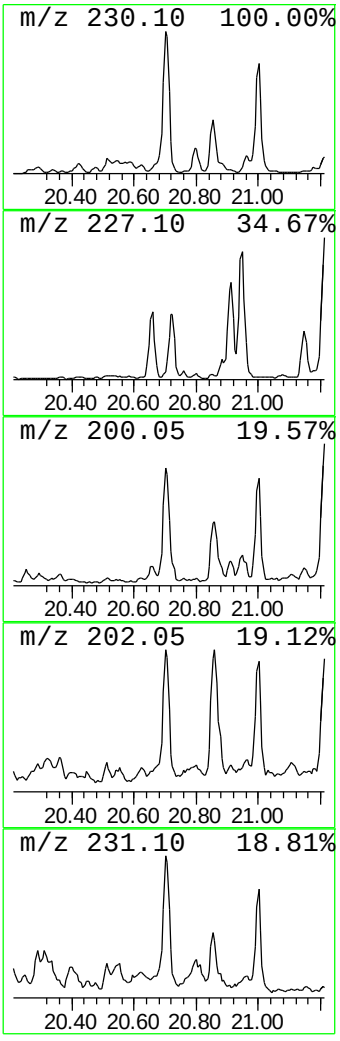
****

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.55 ng/ul	776035	Chrysene-d12	21.22

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	89
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

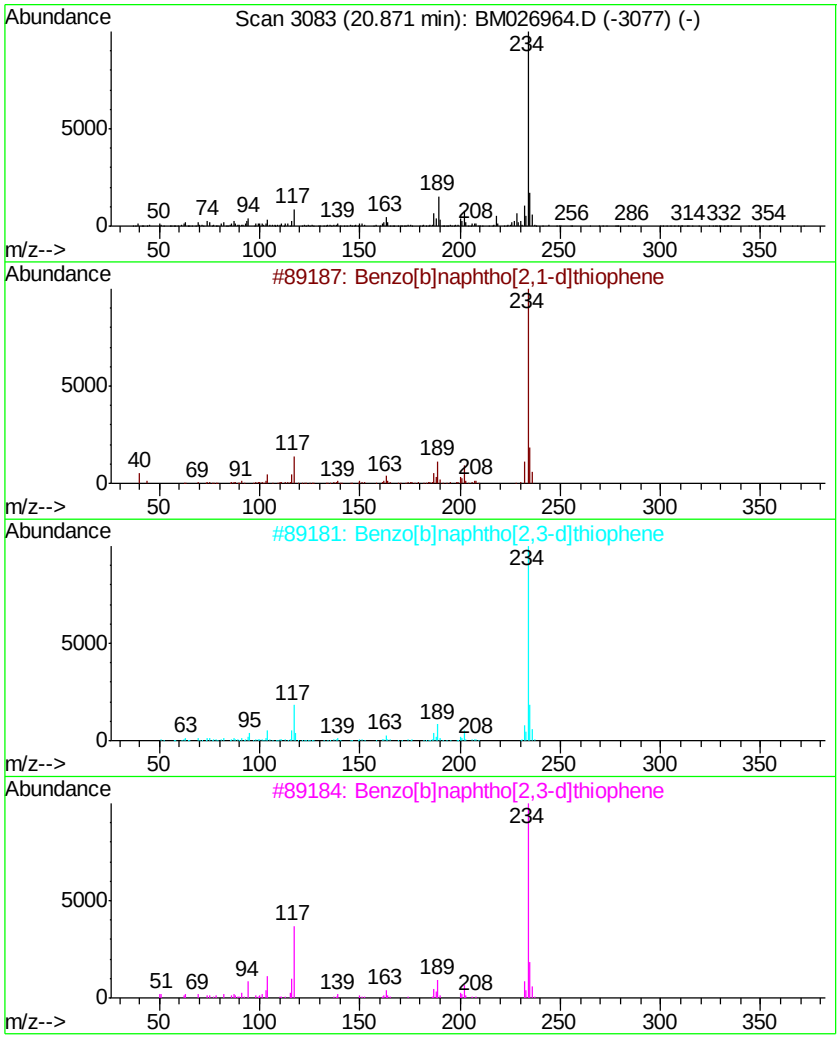
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

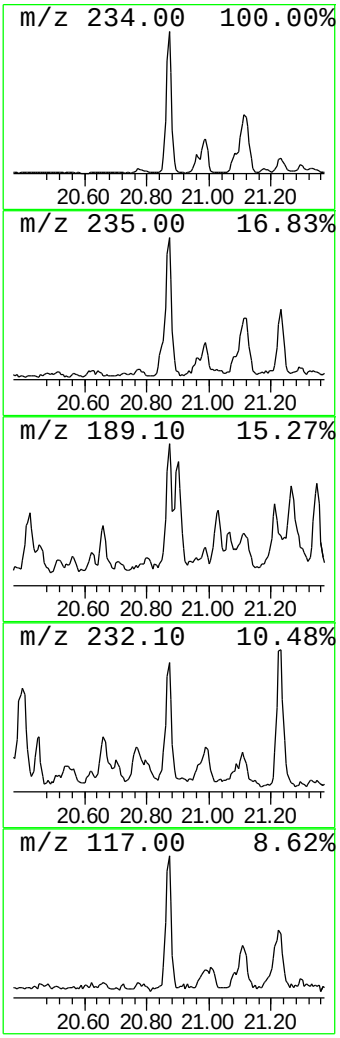
****

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.81 ng/ul	855194	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

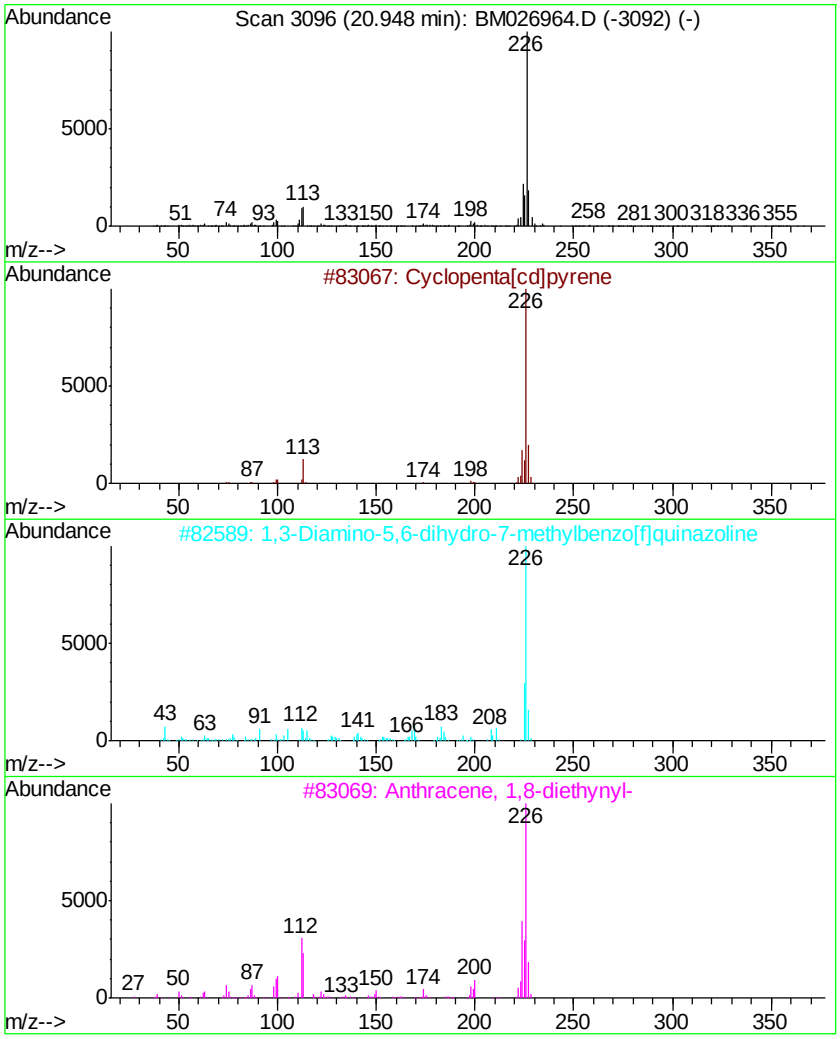
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

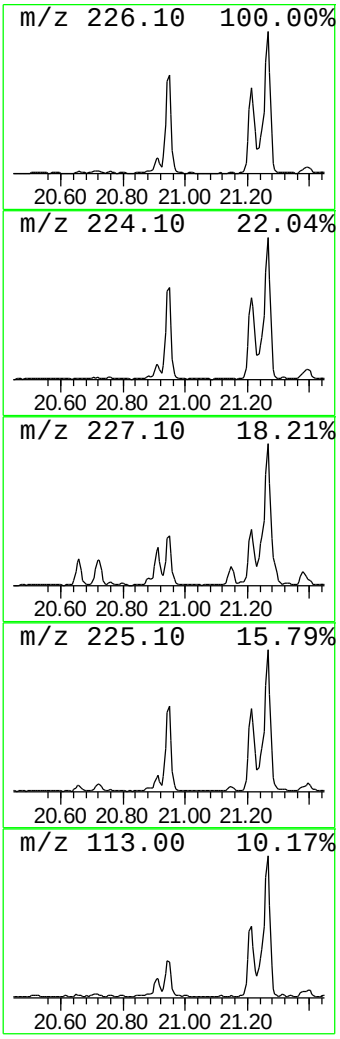
****

Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.69 ng/ul	1427680	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

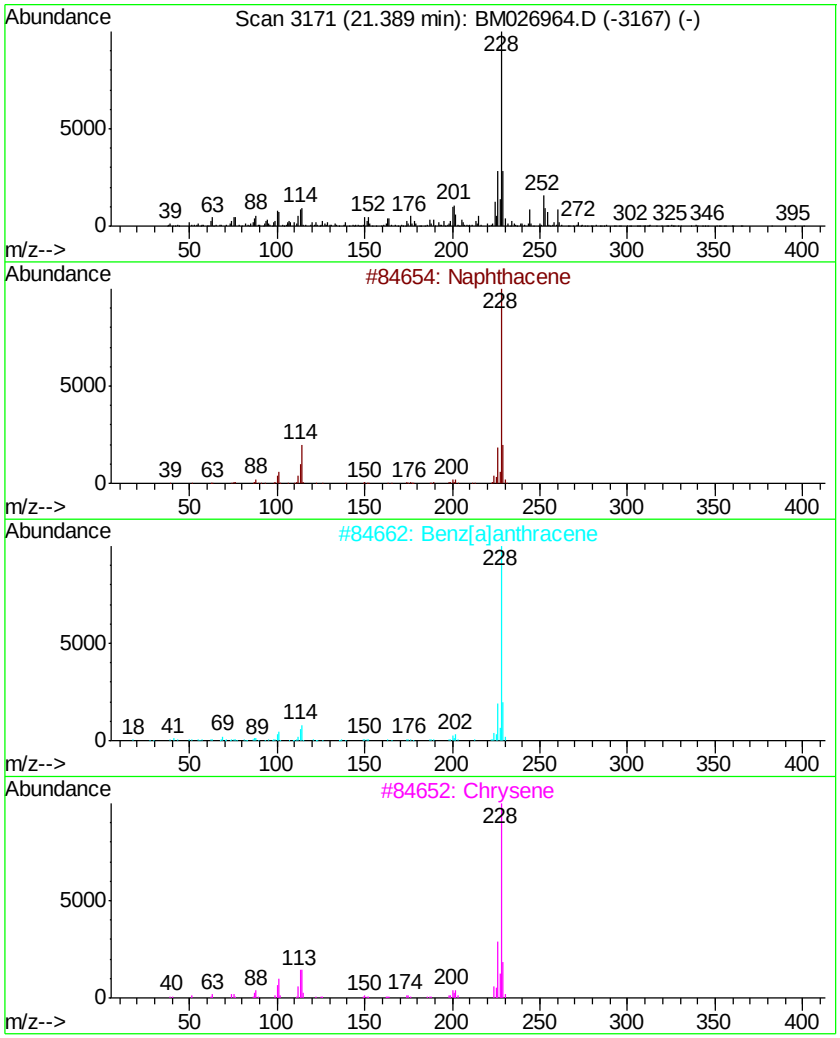
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

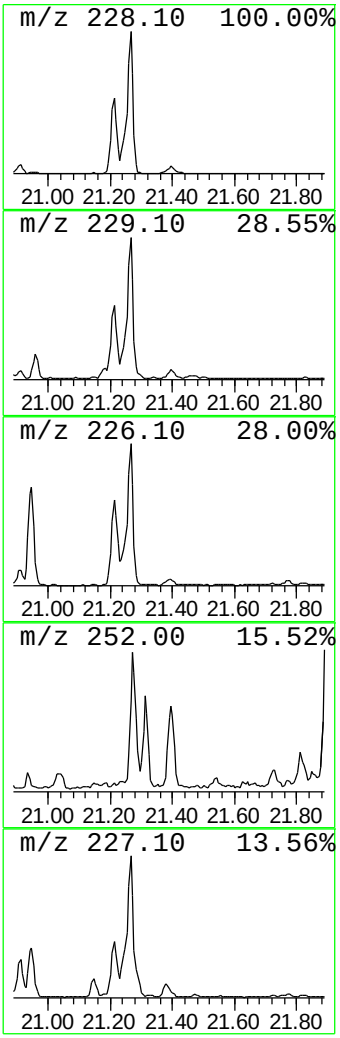
****

Peak Number 20 Naphthacene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.86 ng/ul	872069	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthacene	228	C18H12	000092-24-0	64
2	Benz[a]anthracene	228	C18H12	000056-55-3	64
3	Chrysene	228	C18H12	000218-01-9	58
4	Triphenylene	228	C18H12	000217-59-4	58
5	Naphthacene	228	C18H12	000092-24-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

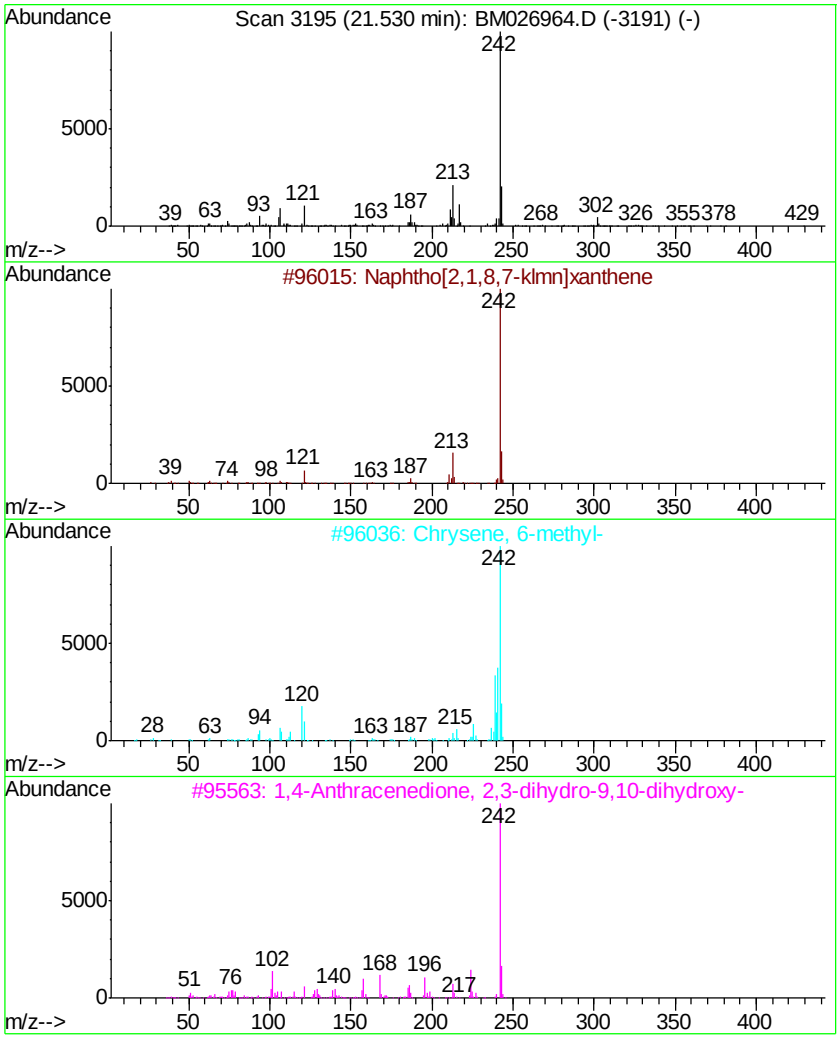
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

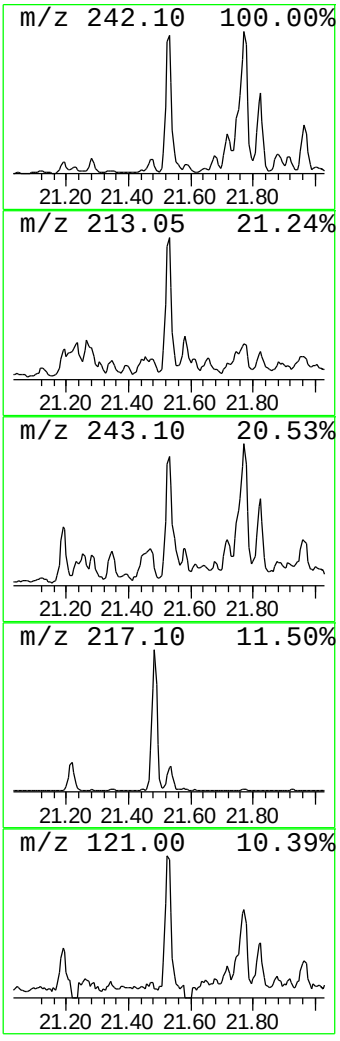
****

Peak Number 21 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.58 ng/ul	785075	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	87
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	59
3	1,4-Anthracenedione, 2,3-dihydro...	242	C14H10O4	017648-03-2	53
4	2,2'-(m-Phenylene)dithiophene	242	C14H10S2	104500-00-7	52
5	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

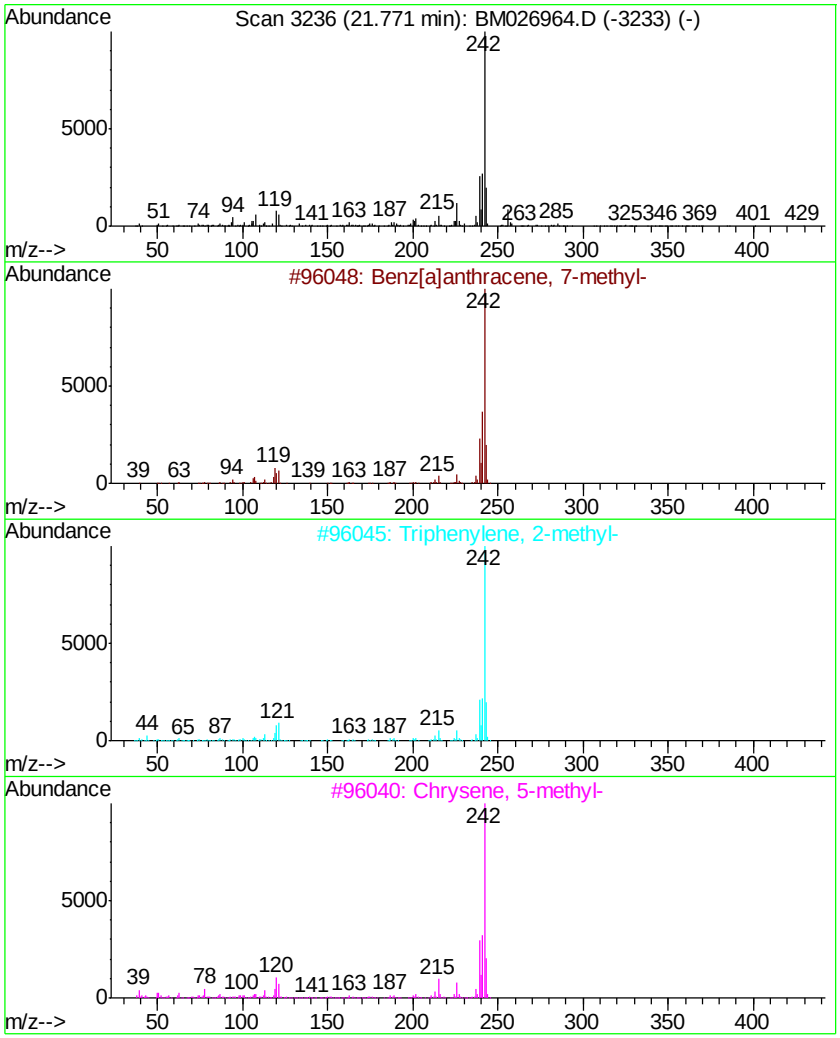
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

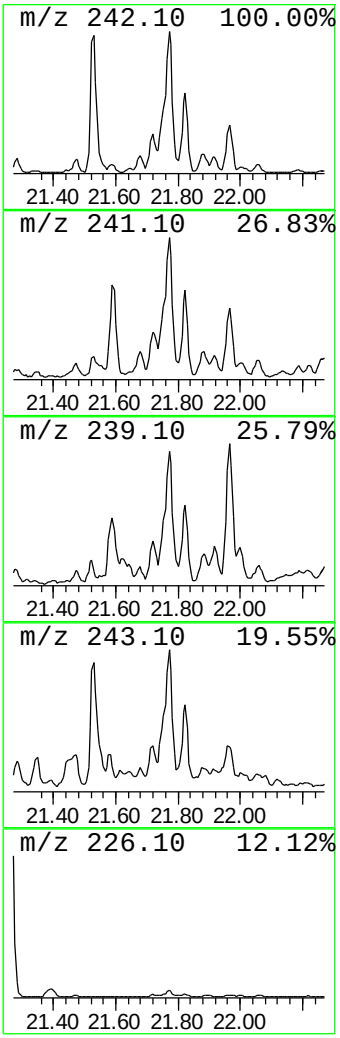
****

Peak Number 22 Benz[a]anthracene, 7-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.33 ng/ul	709676	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

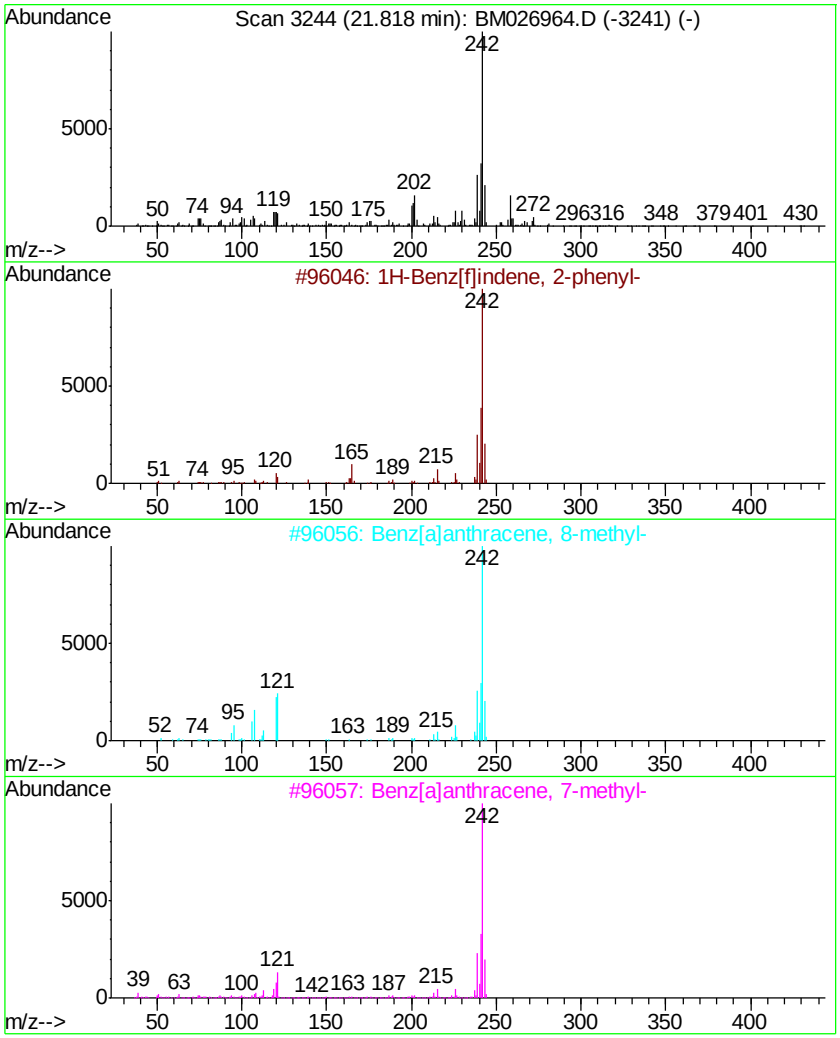
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

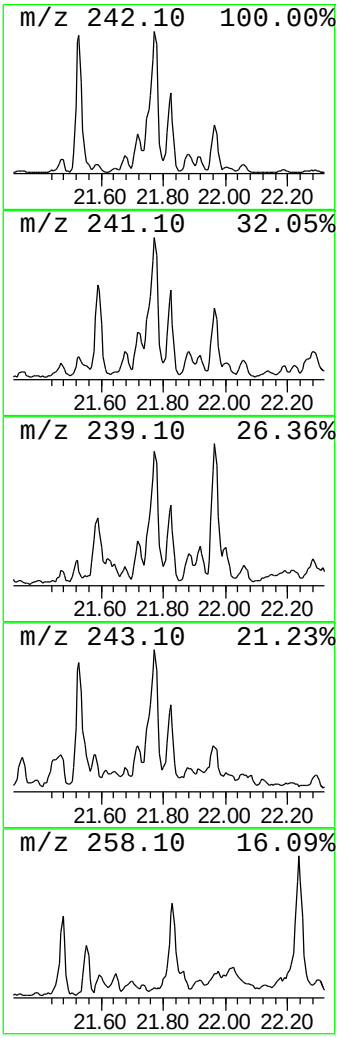
****

Peak Number 23 1H-Benz[f]indene, 2-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.27 ng/ul	691050	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	78
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	78
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	55
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

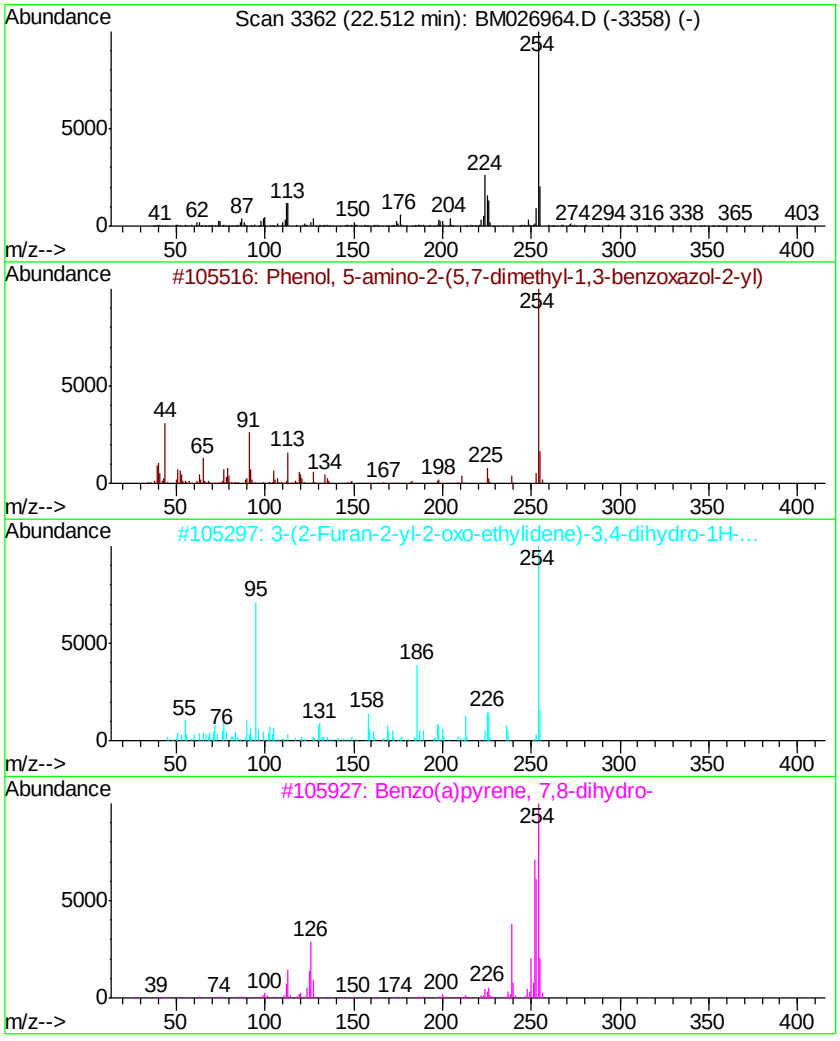
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

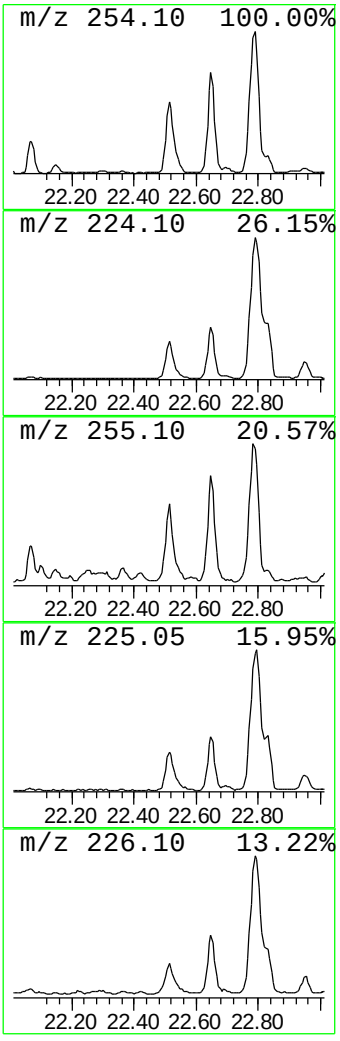
****

Peak Number 24 Phenol, 5-amino-2-(5,7-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	22.14 ng/ul	1624970	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	59
2	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	53
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	53
4	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53
5	Chrysin	254	C15H10O4	000480-40-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

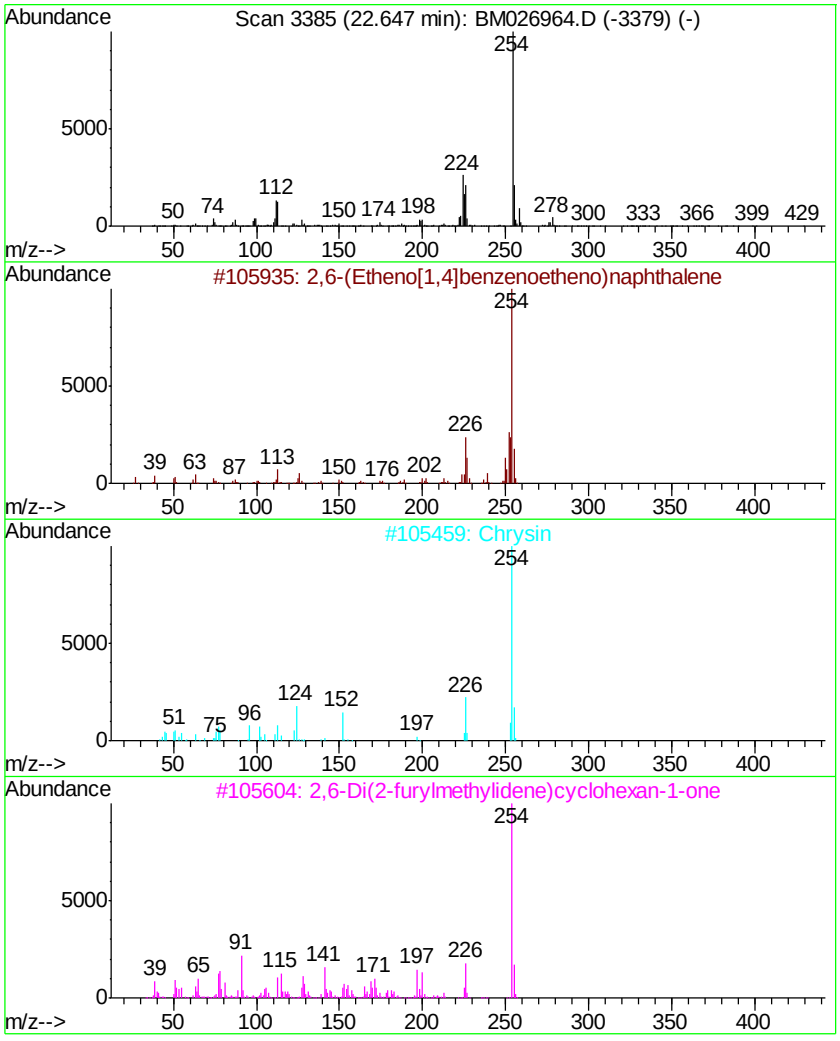
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

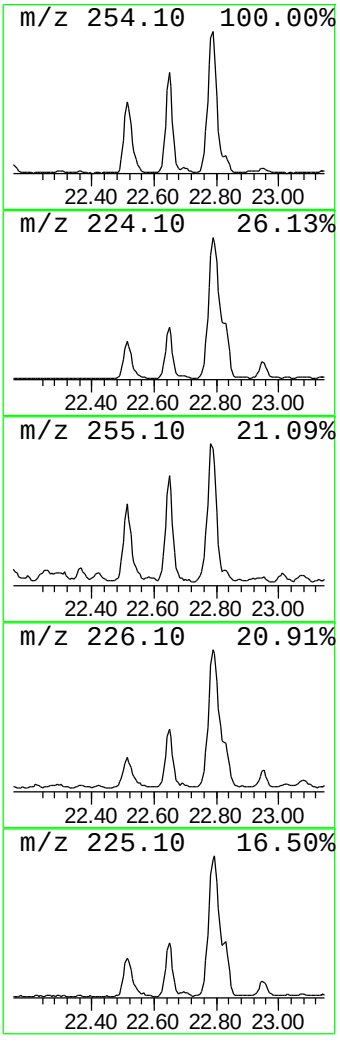
****

Peak Number 25 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	16.21 ng/ul	1189880	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	59
2	Chrysin	254	C15H10O4	000480-40-0	58
3	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
4	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	50
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

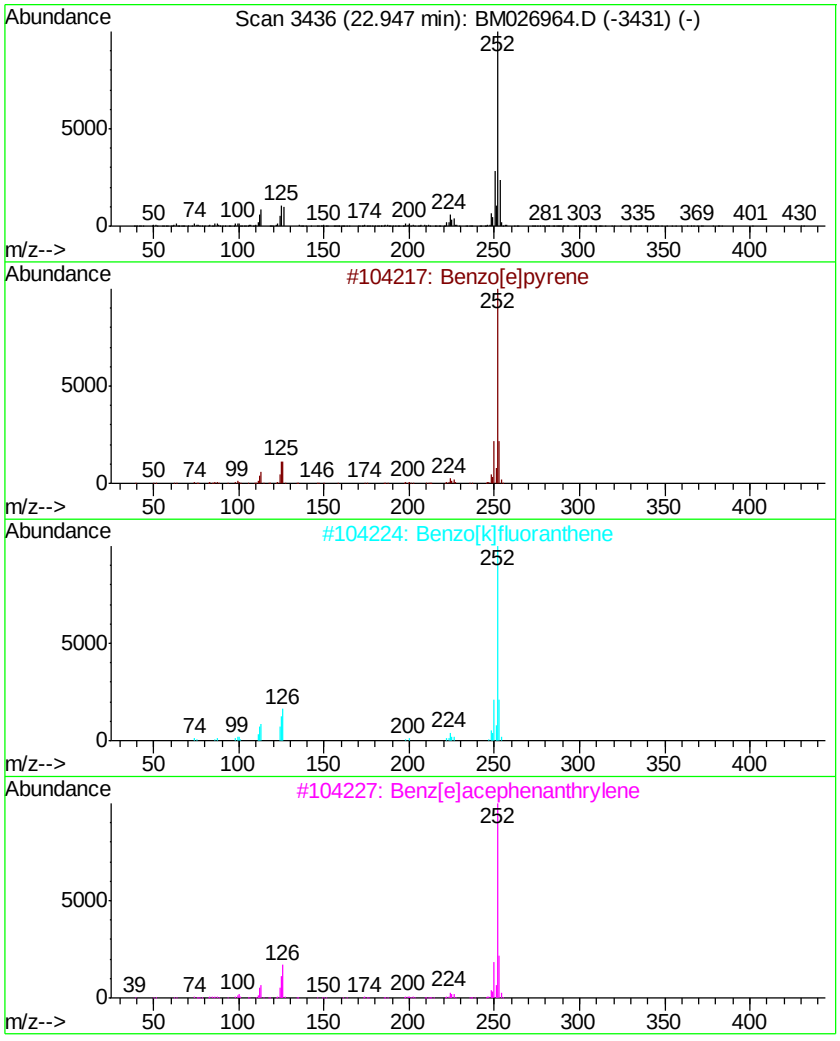
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

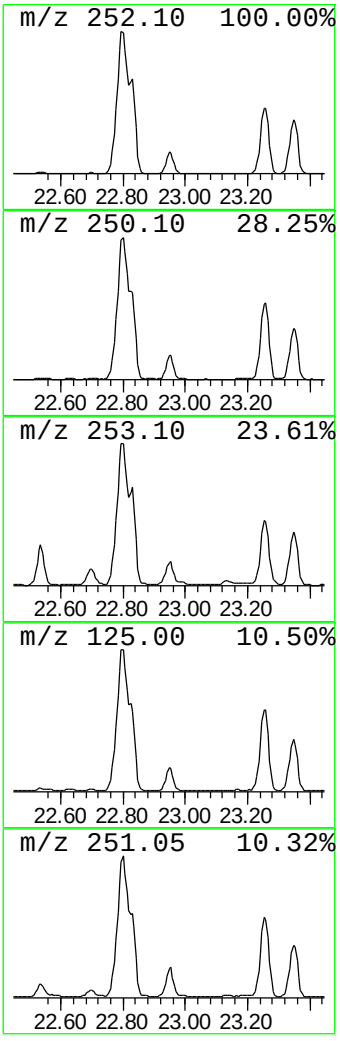
****

Peak Number 26 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	17.55 ng/ul	1287830	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

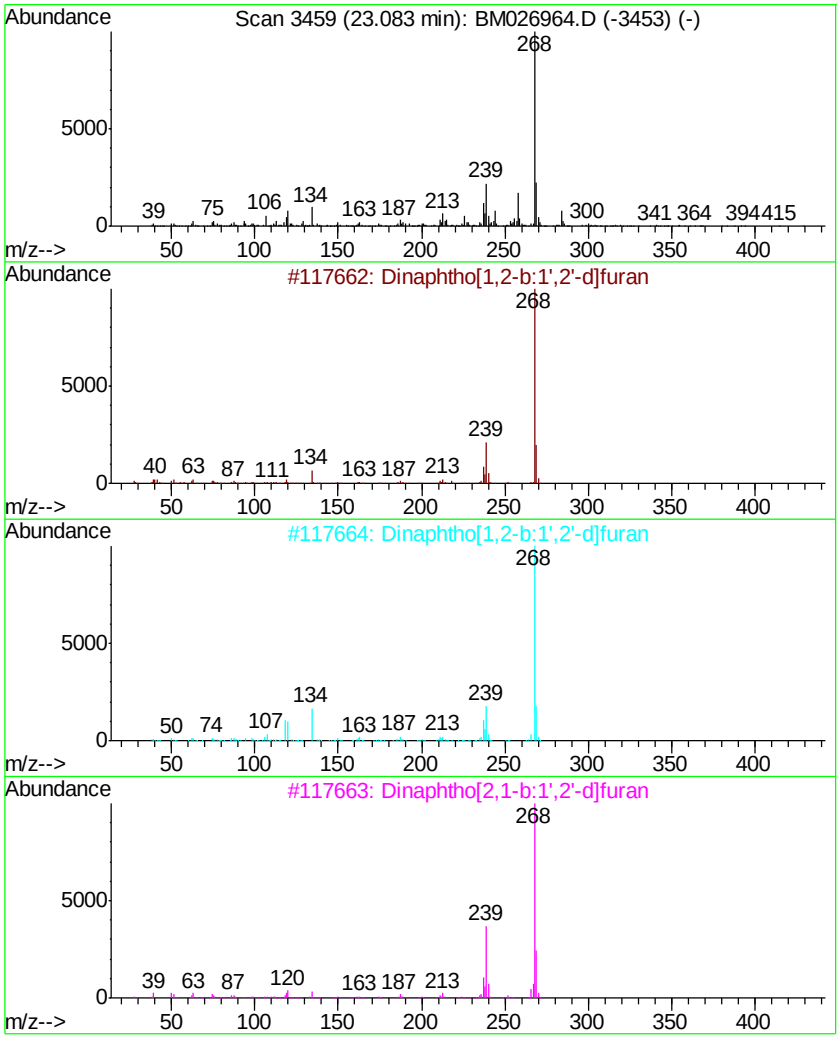
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

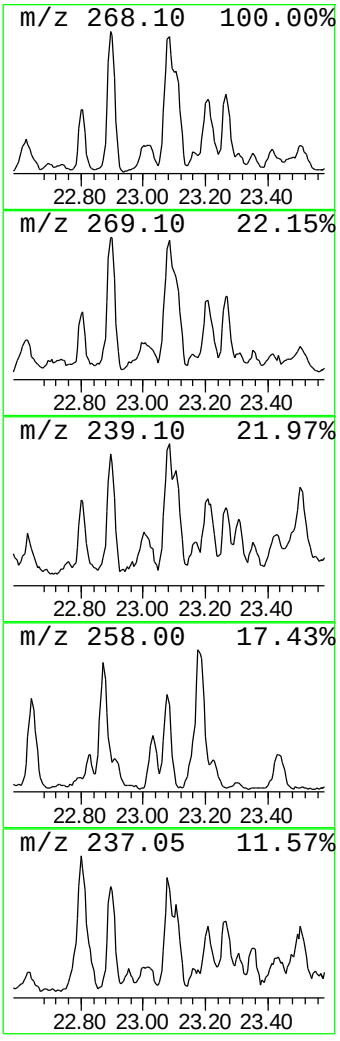
****

Peak Number 27 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	13.61 ng/ul	998680	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

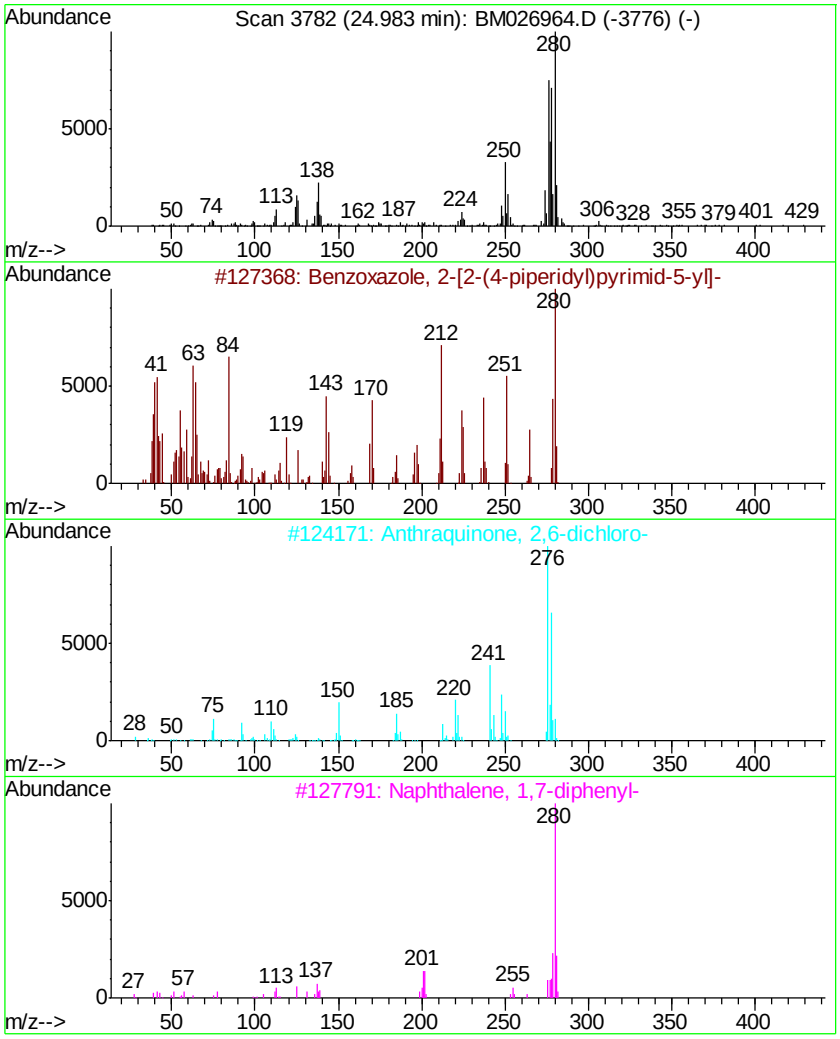
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

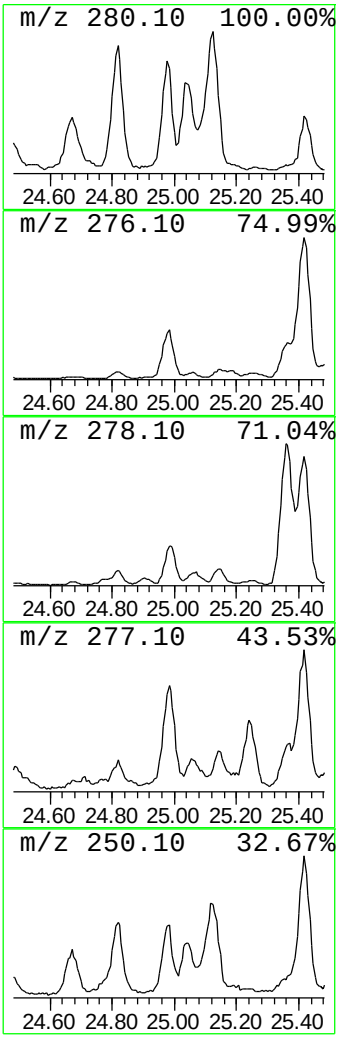
****

Peak Number 28 Benzoxazole, 2-[2-(4-piperi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	8.22 ng/ul	603306	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	80
2	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	43
3	Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	38
4	3-Benzo[1,2,5]thiadiazol-4-yl-3H...	280	C14H8N4OS	1000274-81-9	25
5	1-(Phenylethynyl)-4-(styryl)benzene	280	C22H16	021850-30-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

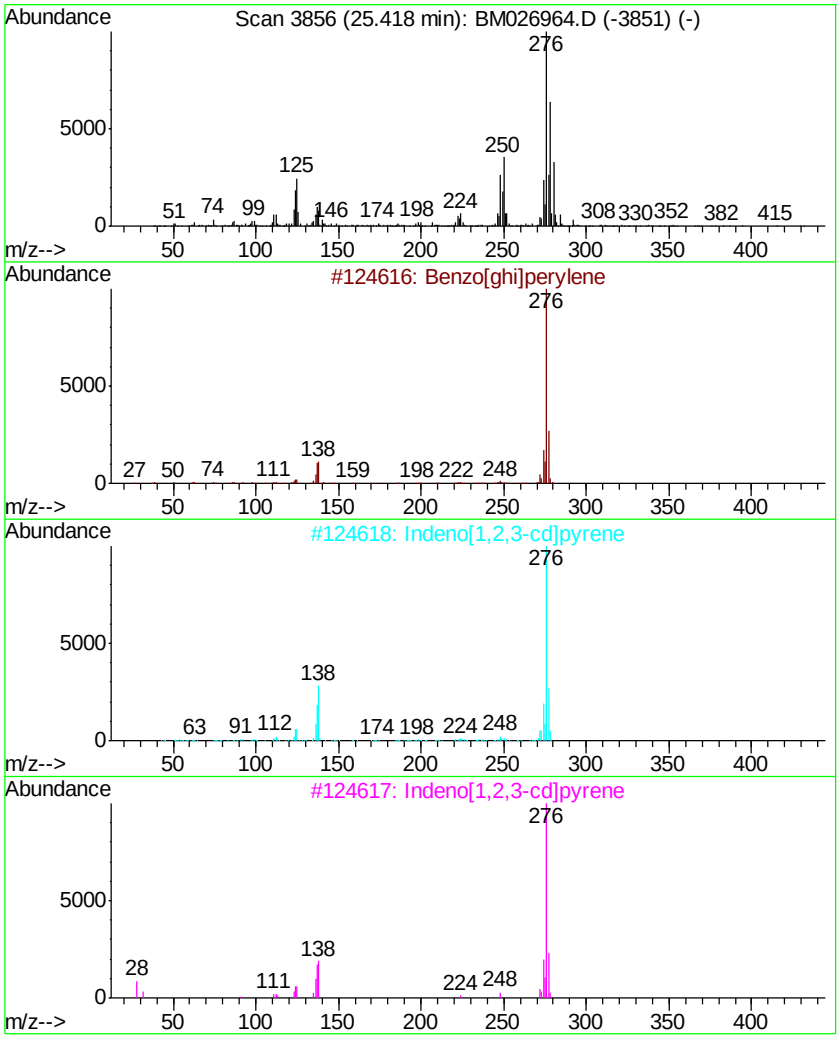
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

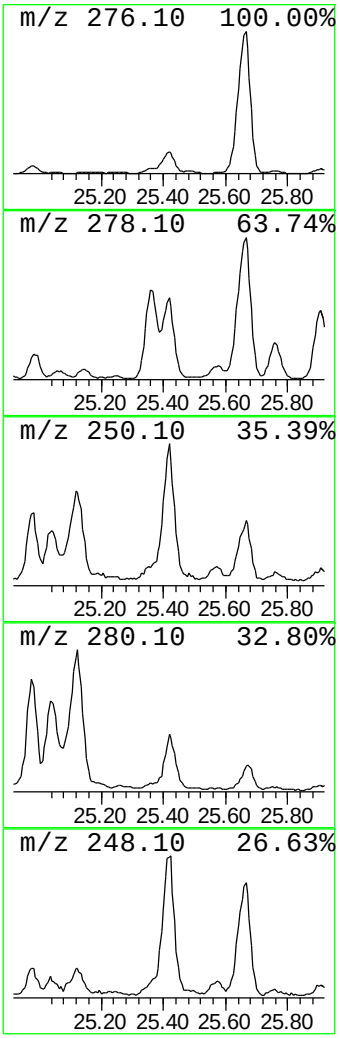
****

Peak Number 29 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.42	19.05 ng/ul	1397720	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	46
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	41
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	41
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	38
5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
(DEL) Alkane: Cyc...	2.90	5.6	ng/ul	192612	1	7.66	691006	20.0
Butane, 2-methoxy...	2.98	17.3	ng/ul	597797	1	7.66	691006	20.0
Benzene, 1-propynyl-	8.20	5.2	ng/ul	180195	1	7.66	691006	20.0
1(2H)-Acenaphthyl...	16.01	2.3	ng/ul	166465	4	17.04	1432290	20.0
9H-Fluoren-9-one	16.69	2.4	ng/ul	173962	4	17.04	1432290	20.0
n-Hexadecanoic acid	17.95	6.1	ng/ul	434370	4	17.04	1432290	20.0
Anthracene, 2-met...	18.04	3.3	ng/ul	238534	4	17.04	1432290	20.0
4H-Cyclopenta[def...	18.11	3.8	ng/ul	268221	4	17.04	1432290	20.0
Anthrone	18.29	4.1	ng/ul	290739	4	17.04	1432290	20.0
9,10-Anthracenedione	18.45	3.5	ng/ul	246838	4	17.04	1432290	20.0
Naphthalic anhydride	18.83	2.8	ng/ul	203018	4	17.04	1432290	20.0
7-Octadecenoic ac...	18.91	4.2	ng/ul	303890	4	17.04	1432290	20.0
Cyclopenta(def)ph...	18.97	6.0	ng/ul	429332	4	17.04	1432290	20.0
Pyrene, 1-methyl-	19.79	2.1	ng/ul	644543	5	21.22	6089400	20.0
11H-Benzo[b]fluorene	19.92	4.0	ng/ul	1221540	5	21.22	6089400	20.0
Pyrene, 2-methyl-	20.11	2.3	ng/ul	703156	5	21.22	6089400	20.0
11H-Benzo[a]fluor...	20.71	2.5	ng/ul	776035	5	21.22	6089400	20.0
Benzo[b]naphtho[2...	20.87	2.8	ng/ul	855194	5	21.22	6089400	20.0
Cyclopenta[cd]pyrene	20.95	4.7	ng/ul	1427680	5	21.22	6089400	20.0
Naphthacene	21.39	2.9	ng/ul	872069	5	21.22	6089400	20.0
Naphtho[2,1,8,7-k...	21.53	2.6	ng/ul	785075	5	21.22	6089400	20.0
Benz[a]anthracene...	21.77	2.3	ng/ul	709676	5	21.22	6089400	20.0
1H-Benz[f]indene,...	21.82	2.3	ng/ul	691050	5	21.22	6089400	20.0
Phenol, 5-amino-2...	22.51	22.1	ng/ul	1624970	6	23.44	1467650	20.0
2,6-(Etheno[1,4]b...	22.65	16.2	ng/ul	1189880	6	23.44	1467650	20.0
Benzo[e]pyrene	22.95	17.6	ng/ul	1287830	6	23.44	1467650	20.0
Dinaphtho[1,2-b:1...	23.08	13.6	ng/ul	998680	6	23.44	1467650	20.0
Benzoxazole, 2-[2...	24.98	8.2	ng/ul	603306	6	23.44	1467650	20.0
unknown-01	25.42	19.1	ng/ul	1397720	6	23.44	1467650	20.0