LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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	6.840	649	655	663	rBV	84896	138408	1.28%	0.185%
2	6.998	677	682	691	rBV	64397	103232	0.96%	0.138%
3	7.198	710	716	723	rBV	91228	142500	1.32%	0.190%
4	7.663	787	795	803	rBV	460527	699930	6.50%	0.933%
5	8.198	880	886	894	rBV	53147	96688	0.90%	0.129%
6	8.363	907	914	921	rVB	103496	166012	1.54%	0.221%
7	8.804	978	989	994	rBV	80864	136513	1.27%	0.182%
8	9.522	1103	1111	1118	rBV	65818	109693	1.02%	0.146%
9	10.057	1196	1202	1208	rVB	109707	177773	1.65%	0.237%
10	10.433	1259	1266	1271	rBV	594408	990032	9.19%	1.320%
11	10.486	1271	1275	1282	rVB	198616	311821	2.89%	0.416%
12	10.569	1282	1289	1298	rBV2	48895	101635	0.94%	0.135%
13	12.104	1541	1550	1557	rVB	101393	160813	1.49%	0.214%
14	12.322	1582	1587	1594	rVB2	44149	68379	0.63%	0.091%
15	13.127	1718	1724	1731	rBV2	36511	71823	0.67%	0.096%
16	13.610	1803	1806	1812	rVV3	29734	48479	0.45%	0.065%
17	13.704	1818	1822	1827	rVV	179917	254809	2.36%	0.340%
18	13.751	1827	1830	1836	rVV2	49905	69068	0.64%	0.092%
19	13.980	1863	1869	1871	rBV	202997	298939	2.77%	0.399%
20	14.010	1871	1874	1886	rVB	371428	600478	5.57%	0.800%
21	14.292	1915	1922	1928	rBV2	831974	1260250	11.70%	1.680%
22	14.357	1928	1933	1940	rVV2	65332	106227	0.99%	0.142%
23	14.486	1950	1955	1965	rBV3	65576	113010	1.05%	0.151%
24	14.692	1984	1990	1995	rBV	202540	299574	2.78%	0.399%
25	15.174	2067	2072	2077	rBV2	27491	48504	0.45%	0.065%
26	15.286	2085	2091	2096	rBV	253426	366118	3.40%	0.488%
27	15.339	2096	2100	2106	rVV2	90692	146202	1.36%	0.195%
28	15.404	2106	2111	2116	rVB	47709	65942	0.61%	0.088%
29	15.639	2147	2151	2155	rBV2	41580	62065	0.58%	0.083%
30	15.786	2172	2176	2184	rVB	56882	116819	1.08%	0.156%
31	16.010	2209	2214	2218	rBV2	85558	150212	1.39%	0.200%
32	16.068	2221	2224	2231	rVB	40360	51480	0.48%	0.069%
33	16.580	2304	2311	2313	rBV7	24812	43394	0.40%	0.058%
34	16.615	2313	2317	2322	rVV	76592	120037	1.11%	0.160%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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	16.686	2324	2329	2339	rVB	181371	278363	2.58%	0.371%
36	16.774	2339	2344	2349	rBV4	26612	56683	0.53%	0.076%
37	16.851	2350	2357	2361	rBV2	35968	71040	0.66%	0.095%
38	17.033	2382	2388	2392	rBV	958795	1418845	13.17%	1.891%
39	17.074	2392	2395	2400	rVB	708029	919366	8.53%	1.226%
40	17.133	2400	2405	2407	rBV	259816	381841	3.54%	0.509%
41	17.168	2407	2411	2417	rVB	991066	1415919	13.14%	1.887%
42	17.433	2448	2456	2461	rBV	201392	339471	3.15%	0.453%
43	17.562	2475	2478	2482	rVV5	37280	50508	0.47%	0.067%
44	17.909	2534	2537	2540	rBV	47713	56524	0.52%	0.075%
45	17.951	2540	2544	2551	rVB2	160077	246679	2.29%	0.329%
46	18.039	2554	2559	2563	rBV	116273	161541	1.50%	0.215%
47	18.104	2565	2570	2575	rBV2	114911	219878	2.04%	0.293%
48	18.298	2598	2603	2609	rVB	221536	331266	3.07%	0.442%
49	18.386	2615	2618	2620	rBV3	38776	50472	0.47%	0.067%
50	18.415	2620	2623	2625	rVV	57914	72312	0.67%	0.096%
51	18.451	2625	2629	2637	rVB	216557	302437	2.81%	0.403%
52	18.751	2677	2680	2684	rVB2	42961	50780	0.47%	0.068%
53	18.833	2689	2694	2699	rBV3	143043	229858	2.13%	0.306%
54	18.909	2703	2707	2713	rVV3	161736	238575	2.21%	0.318%
55	18.968	2713	2717	2725	rVB	381333	515565	4.78%	0.687%
56	19.051	2727	2731	2734	rBV2	84659	131266	1.22%	0.175%
57	19.098	2734	2739	2745	rVV	2515745	3343152	31.03%	4.457%
58	19.245	2760	2764	2768	rBV2	218941	324922	3.02%	0.433%
59	19.427	2791	2795	2797	rBV2	613436	862888	8.01%	1.150%
60	19.462	2797	2801	2809	rVB	3146072	4349220	40.36%	5.798%
61	19.533	2810	2813	2821	rVB3	92940	173340	1.61%	0.231%
62	19.639	2828	2831	2836	rBV	146394	180253	1.67%	0.240%
63	19.692	2837	2840	2847	rVB5	94112	172908	1.60%	0.230%
64	19.798	2851	2858	2862	rBV3	282582	620794	5.76%	0.828%
65	19.927	2875	2880	2890	rVB4	369642	1112550	10.32%	1.483%
66	20.056	2898	2902	2905	rVB2	164222	200571	1.86%	0.267%
67	20.115	2906	2912	2916	rBV2	405389	669351	6.21%	0.892%
68	20.150	2916	2918	2923	rVB2	118948	148121	1.37%	0.197%
69	20.256	2932	2936	2939	rBV	323488	428135	3.97%	0.571%
70	20.298	2940	2943	2945	rBV	181342	234989	2.18%	0.313%
71	20.515	2977	2980	2984	rBV4	124580	202728	1.88%	0.270%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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	20.662	3002	3005	3008	rBV	92893	133194	1.24%	0.178%
73	20.703	3008	3012	3019	rVB2	513894	781443	7.25%	1.042%
74	20.874	3034	3041	3044	rBV2	394037	859431	7.98%	1.146%
75	20.909	3044	3047	3050	rVV2	380909	495343	4.60%	0.660%
76	20.950	3050	3054	3059	rVV	771312	1216006	11.29%	1.621%
77	20.997	3059	3062	3071	rVB3	310567	487510	4.52%	0.650%
78	21.215	3094	3099	3104	rBV2	2287912	4914707	45.61%	6.552%
79	21.262	3104	3107	3114	rVB	3107241	4375853	40.61%	5.833%
80	21.345	3119	3121	3124	rVB2	147981	151335	1.40%	0.202%
81	21.397	3125	3130	3138	rBV3	410034	942308	8.75%	1.256%
82	21.527	3149	3152	3156	rBV2	387795	574627	5.33%	0.766%
83	21.586	3158	3162	3165	rVV3	280767	425483	3.95%	0.567%
84	21.721	3182	3185	3187	rBV	160627	228635	2.12%	0.305%
85	21.774	3191	3194	3199	rVV2	530706	798597	7.41%	1.065%
86	21.827	3199	3203	3209	rVB3	540004	845193	7.84%	1.127%
87	21.962	3223	3226	3230	rBV3	226976	344132	3.19%	0.459%
88	22.233	3269	3272	3277	rVB	235078	316586	2.94%	0.422%
89	22.515	3316	3320	3326	rBV2	354511	732395	6.80%	0.976%
90	22.644	3337	3342	3348	rVB2	560893	1009102	9.36%	1.345%
91	22.791	3359	3367	3371	rBV2	4753139	10775386	100.00%	14.364%
92	22.950	3389	3394	3400	rVB	557493	898434	8.34%	1.198%
93	23.080	3411	3416	3425	rVB2	343968	805287	7.47%	1.073%
94	23.256	3440	3446	3451	rVB	2011784	3395645	31.51%	4.527%
95	23.344	3456	3461	3468	rVB	1645801	3042178	28.23%	4.055%
96	23.438	3472	3477	3481	rVV2	681914	1268953	11.78%	1.692%
97	23.486	3482	3485	3494	rVB3	476986	1059845	9.84%	1.413%
98	24.980	3735	3739	3745	rVB2	177935	323843	3.01%	0.432%
99	25.415	3809	3813	3822	rVB2	488066	1100872	10.22%	1.468%
100	25.662	3846	3855	3863	rVB	1614317	4453332	41.33%	5.937%

Sum of corrected areas: 75015625

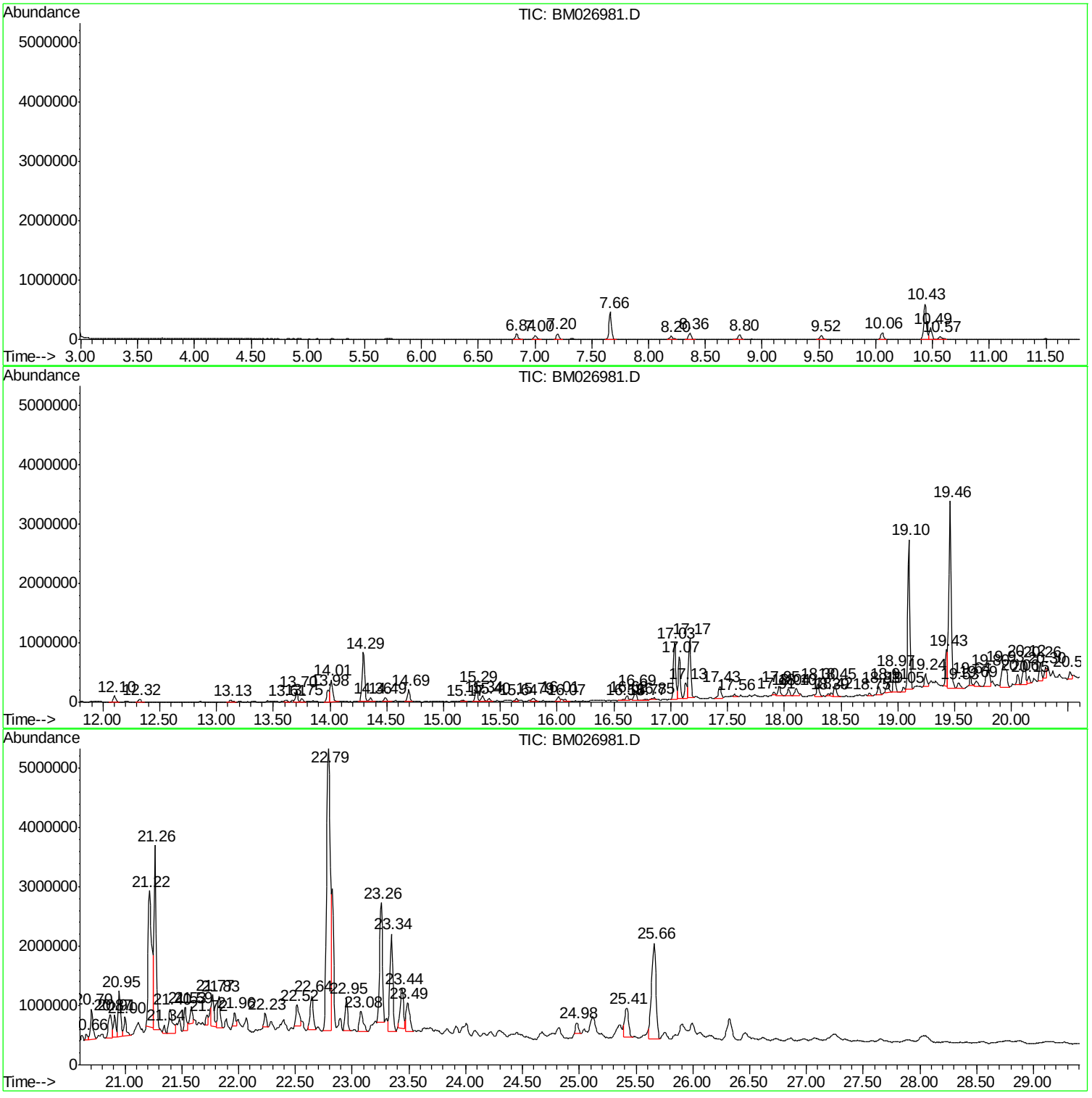
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

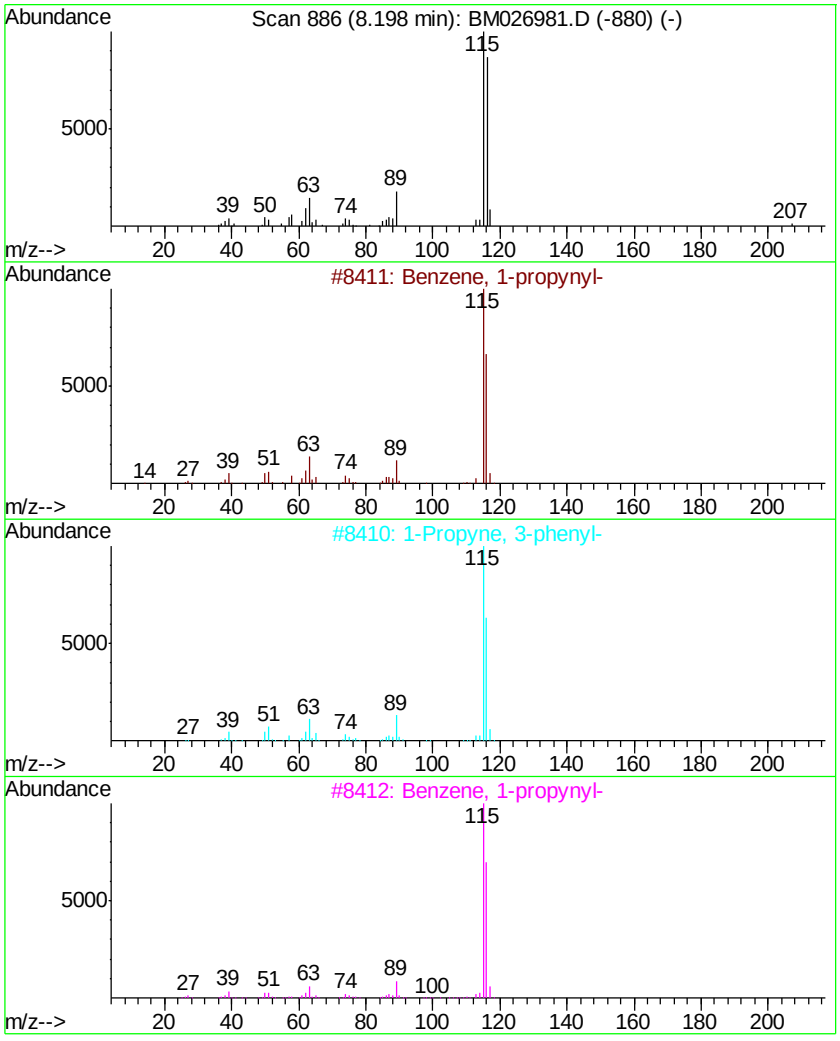
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

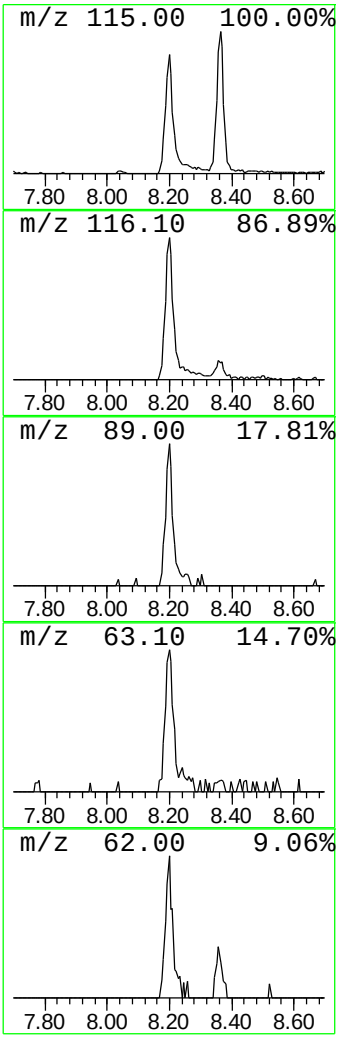
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.76 ng/ul	96688	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

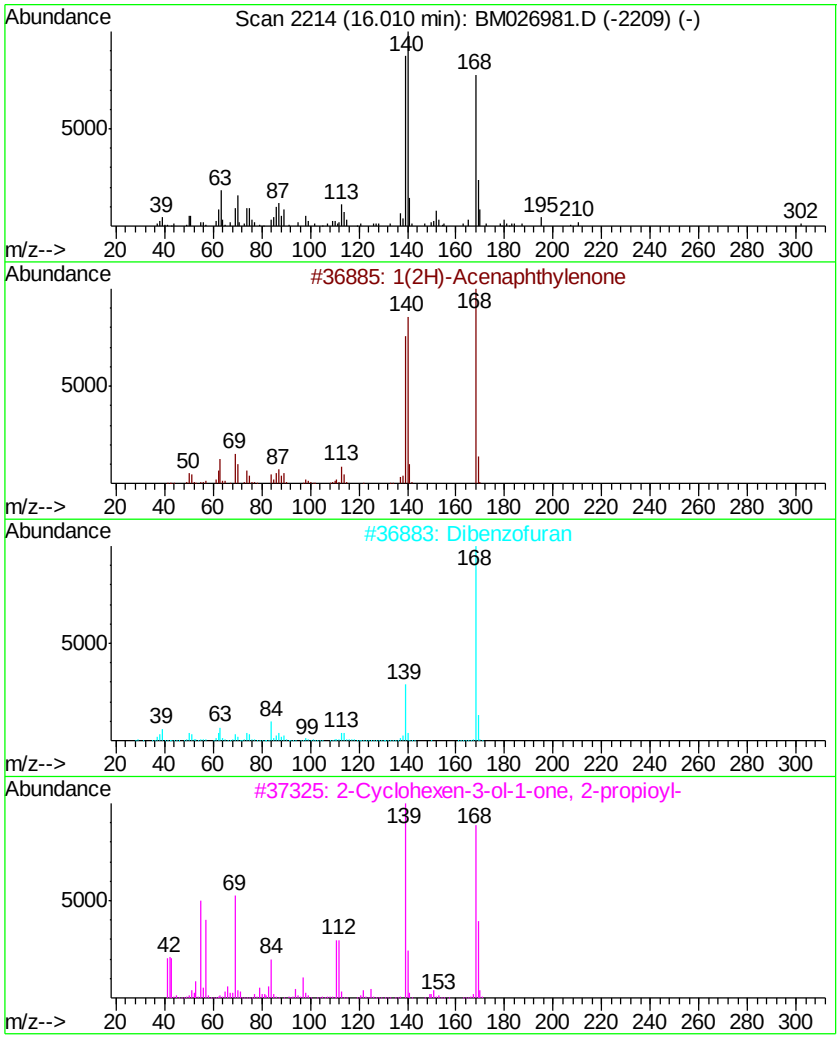
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

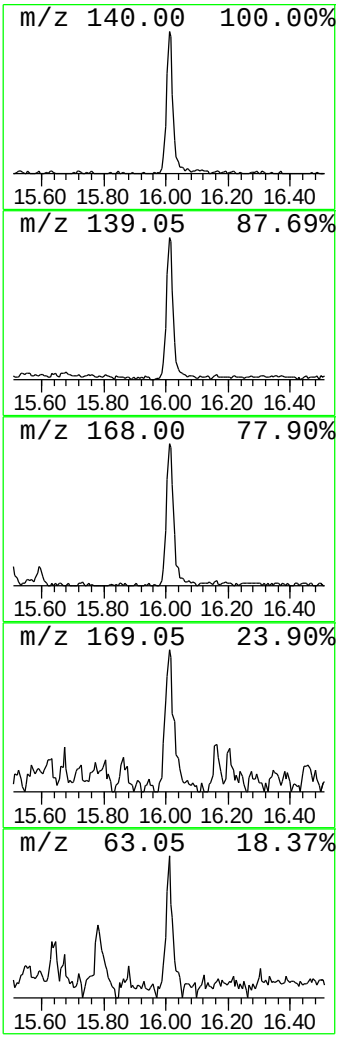
****

Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.12 ng/ul	150212	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	Dibenzofuran	168	C12H8O	000132-64-9	50
3	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	47
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

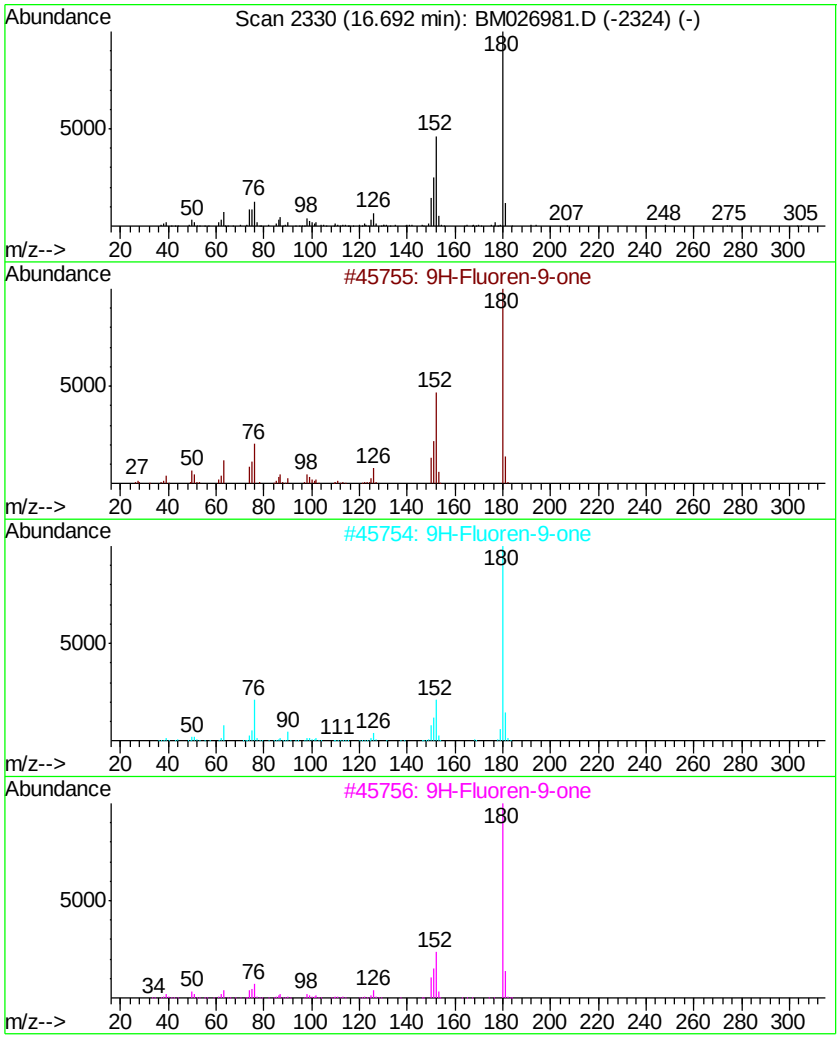
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

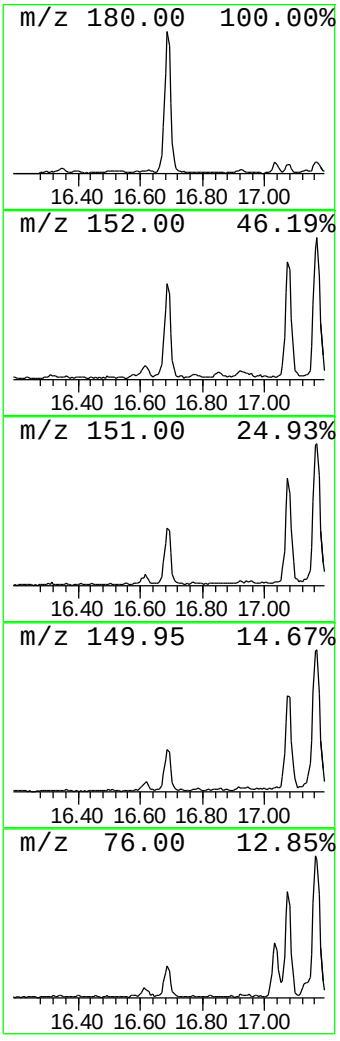
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.92 ng/ul	278363	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

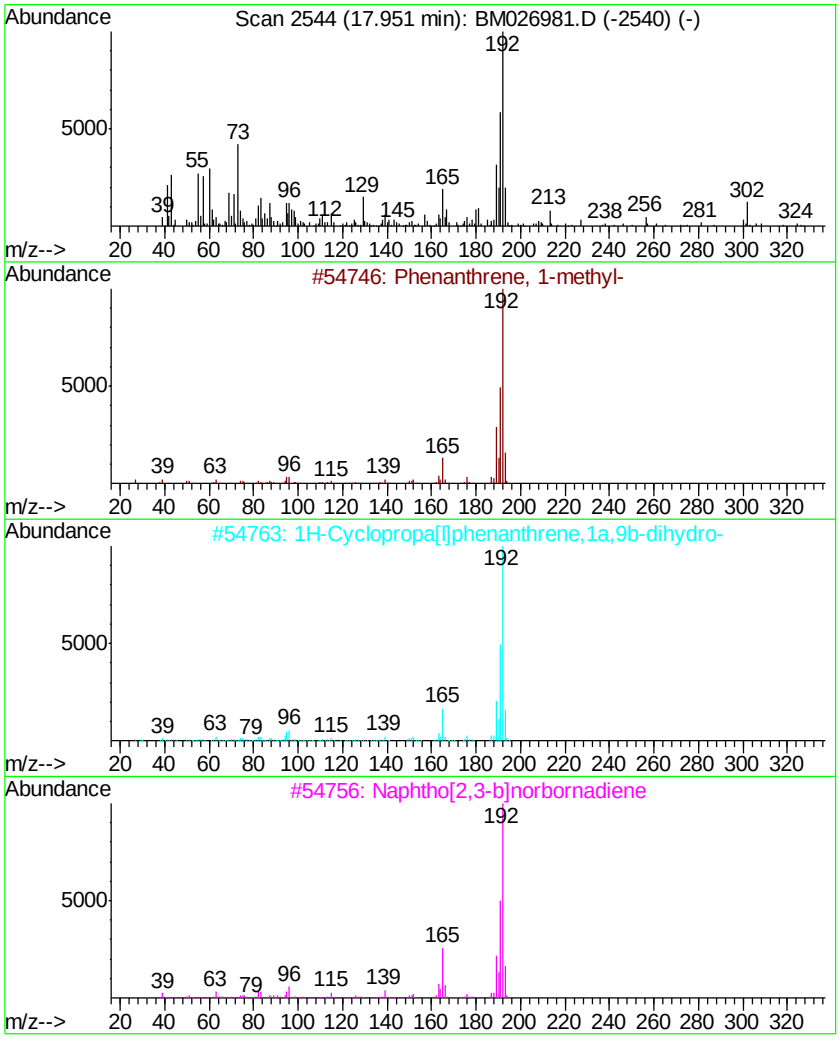
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

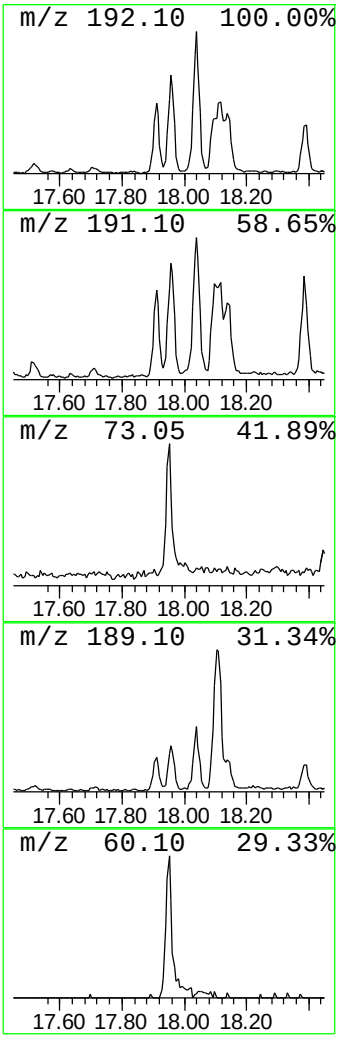
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.48 ng/ul	246679	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

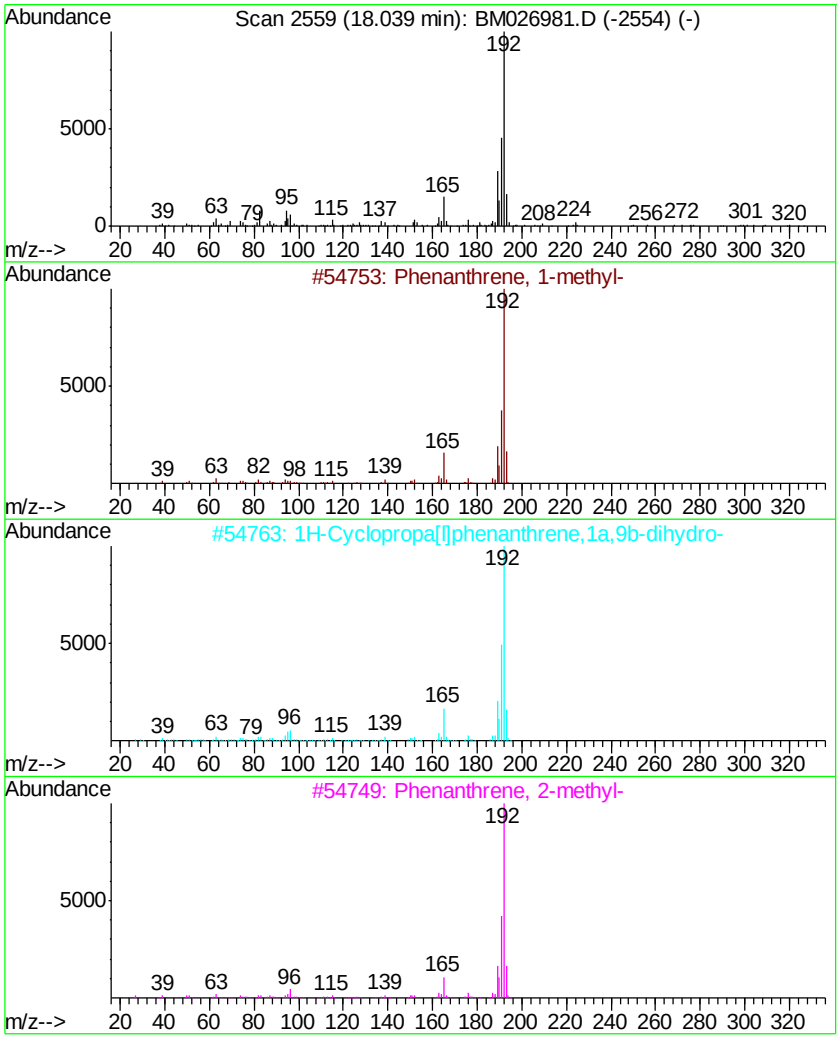
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

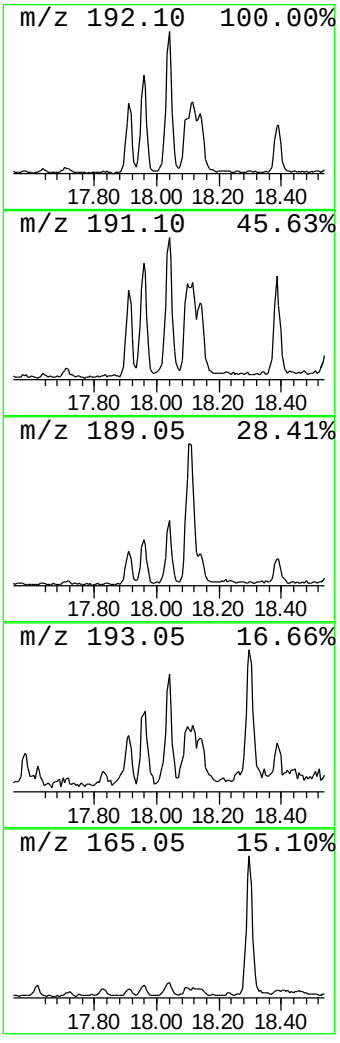
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.28 ng/ul	161541	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

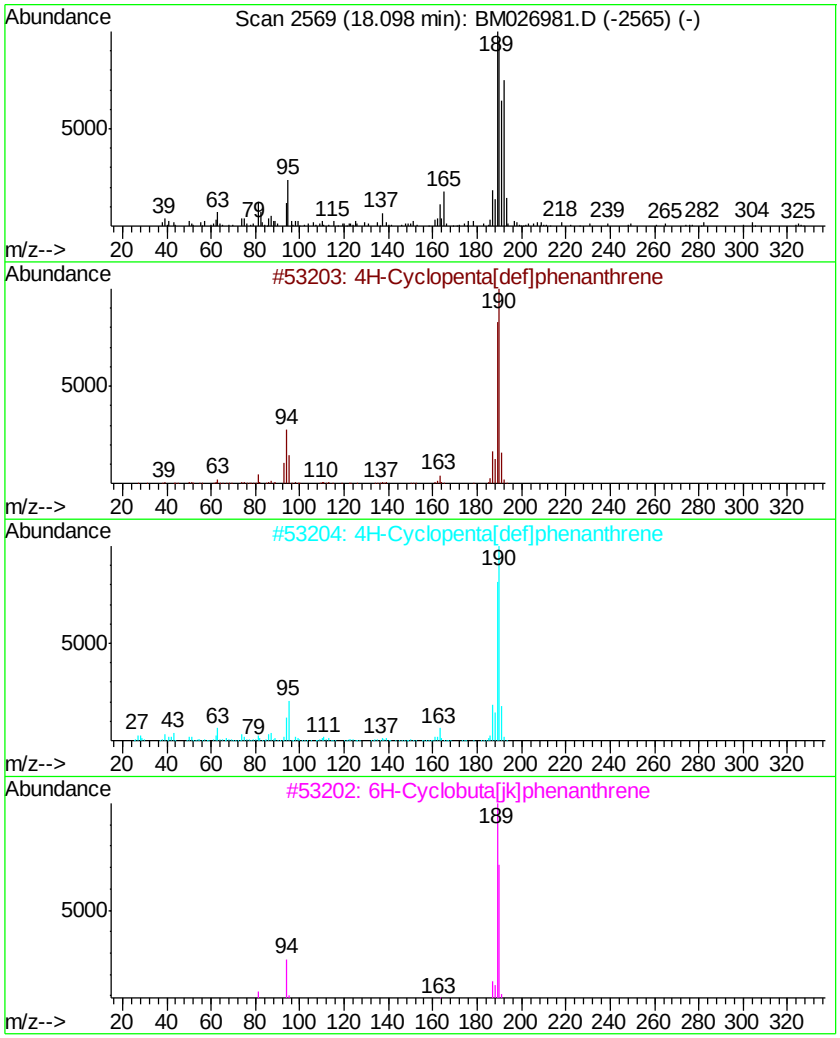
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

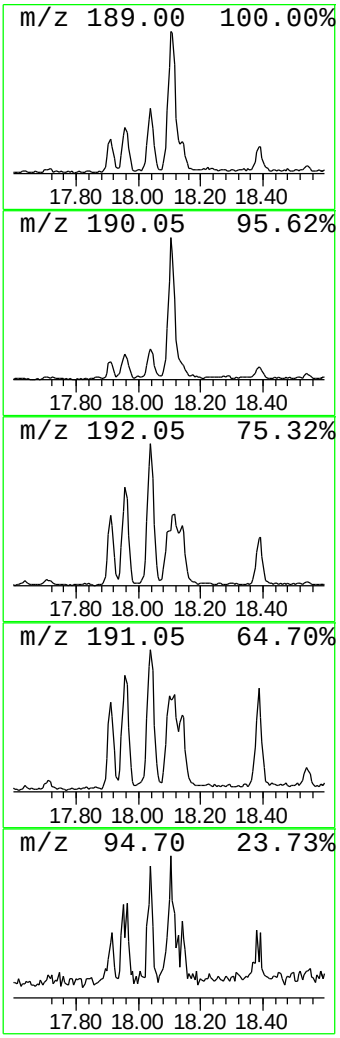
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.10 ng/ul	219878	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

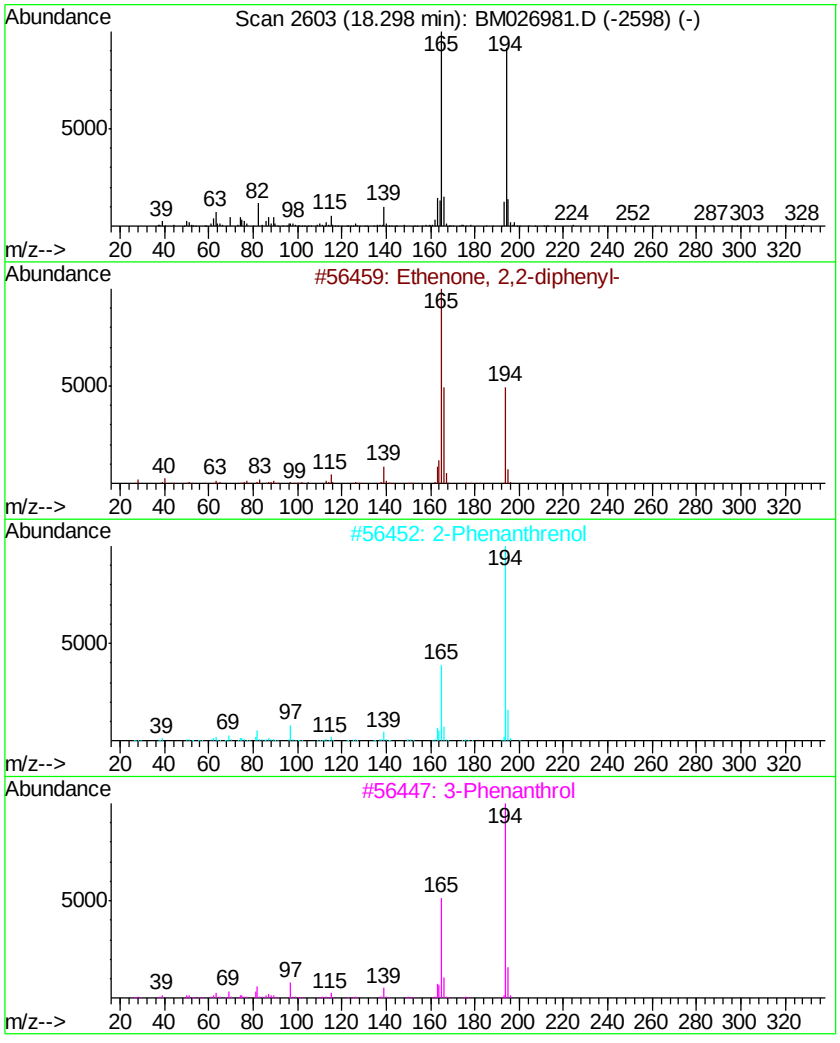
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

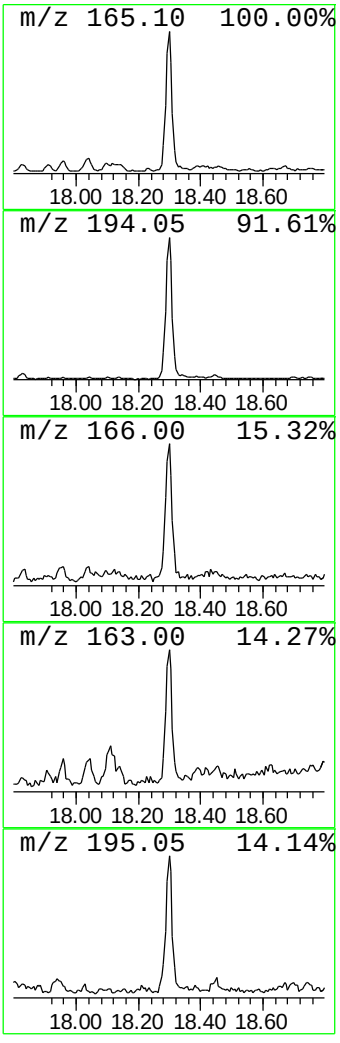
****

Peak Number 7 Ethenone, 2,2-diphenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.67 ng/ul	331266	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethenone, 2,2-diphenyl-	194	C14H10O	000525-06-4	93
2	2-Phenanthrenol	194	C14H10O	000605-55-0	91
3	3-Phenanthrol	194	C14H10O	000605-87-8	91
4	Anthrone	194	C14H10O	000090-44-8	91
5	Anthrone	194	C14H10O	000090-44-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

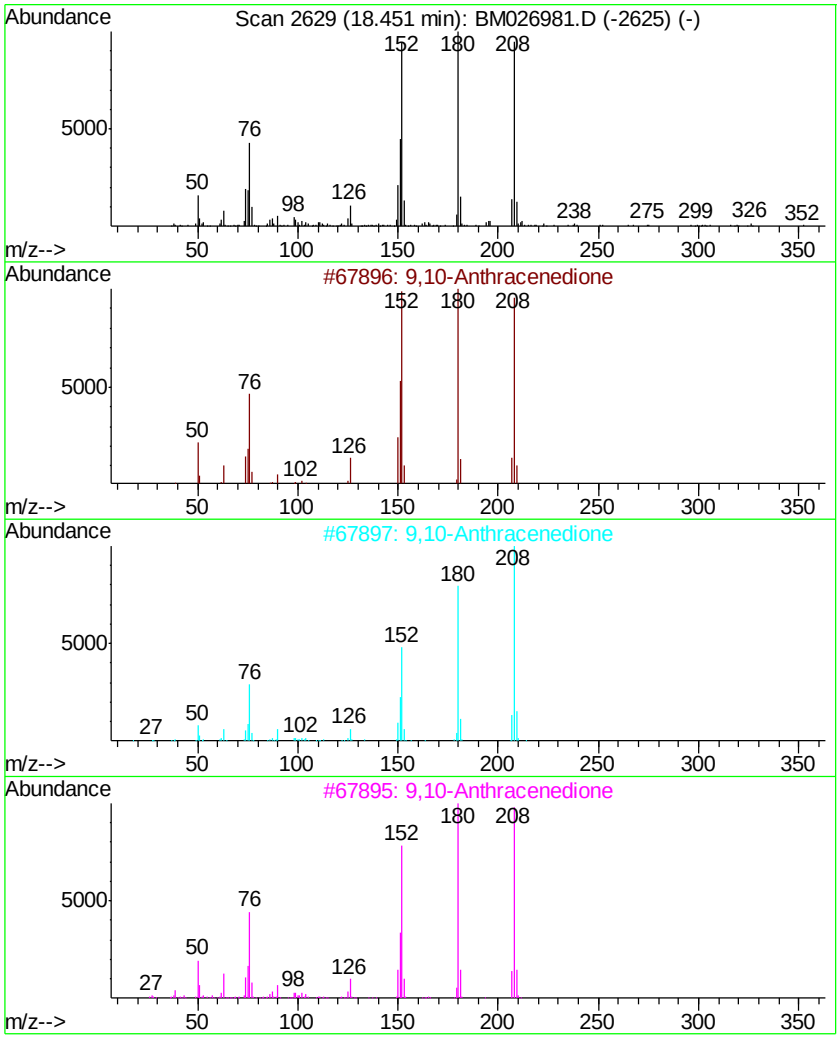
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

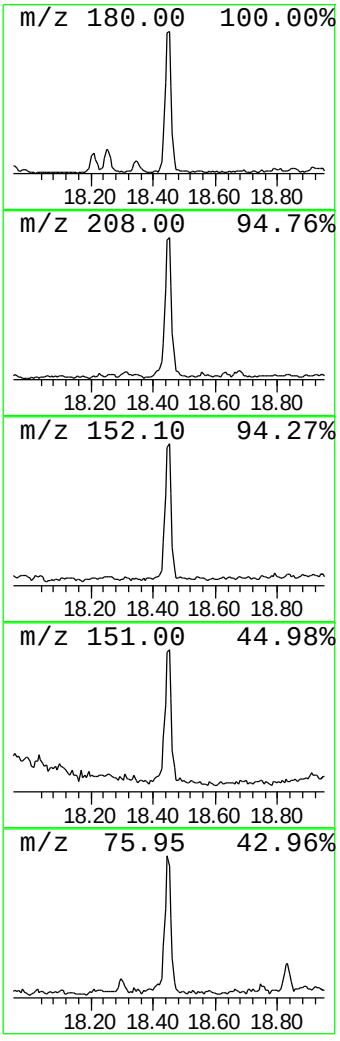
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.26 ng/ul	302437	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

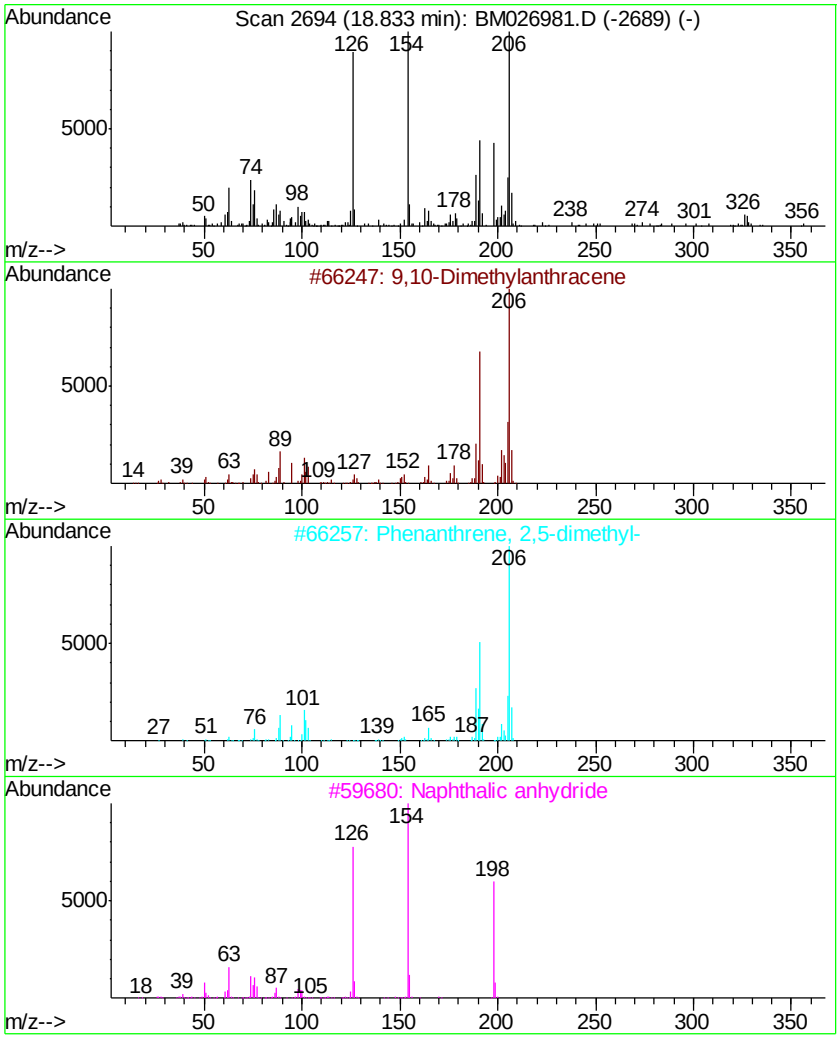
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

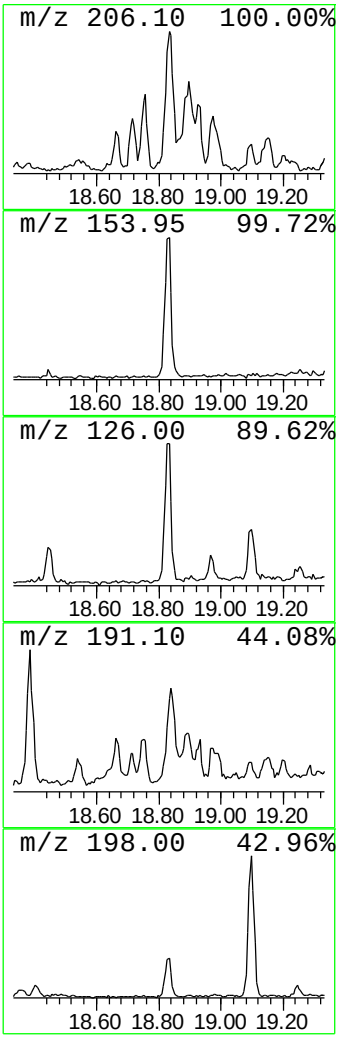
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	3.24 ng/ul	229858	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	66
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	62
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

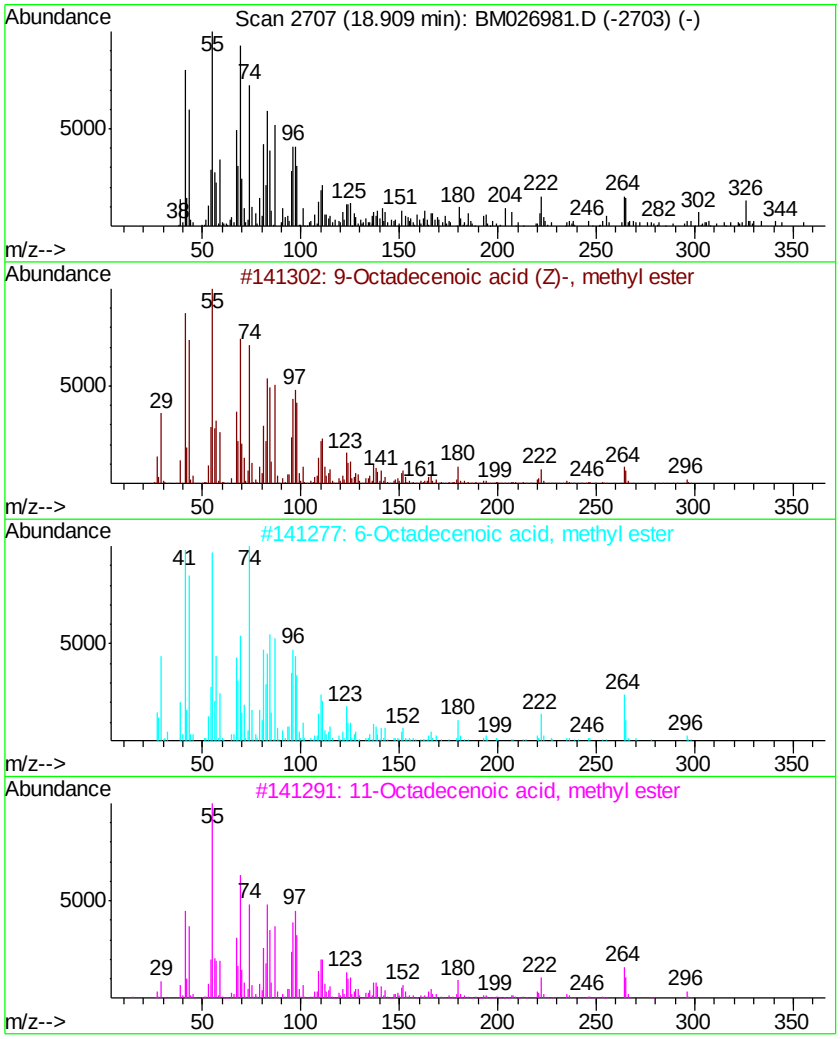
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

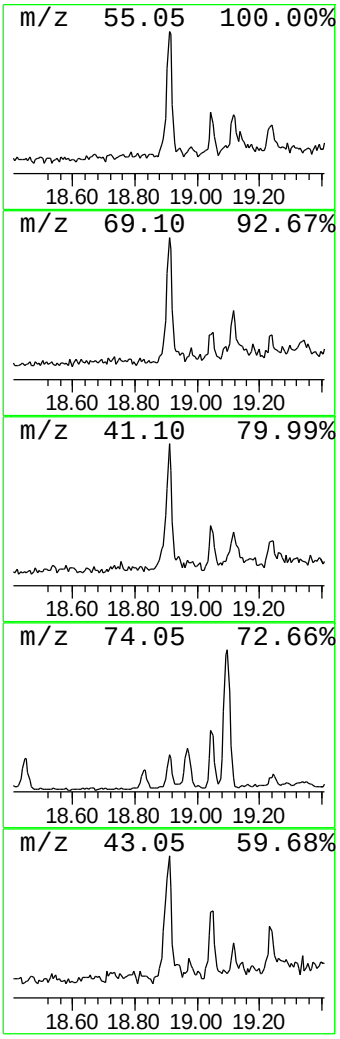
****

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.36 ng/ul	238575	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

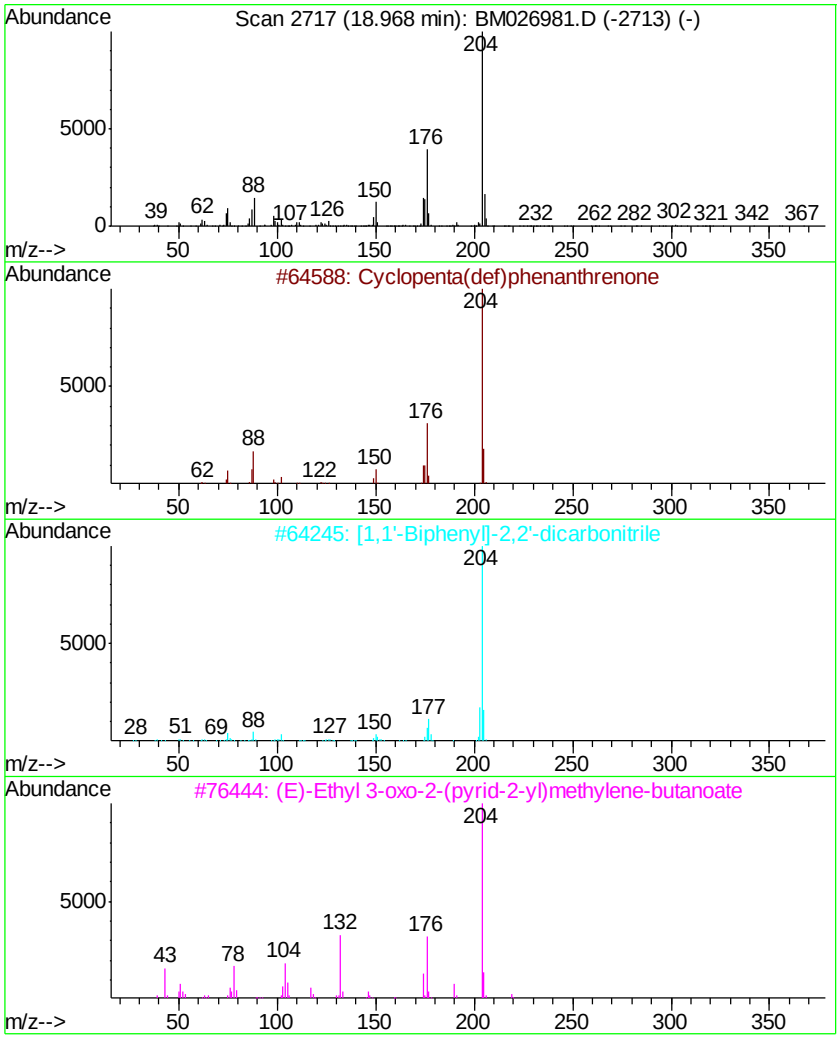
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

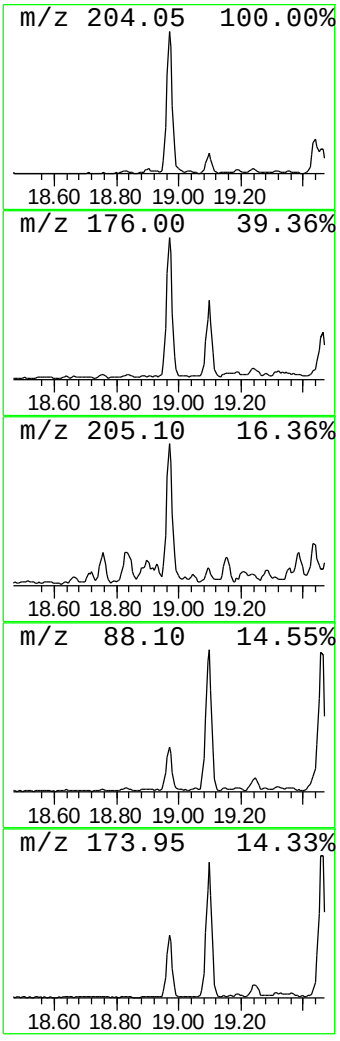
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	7.27 ng/ul	515565	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

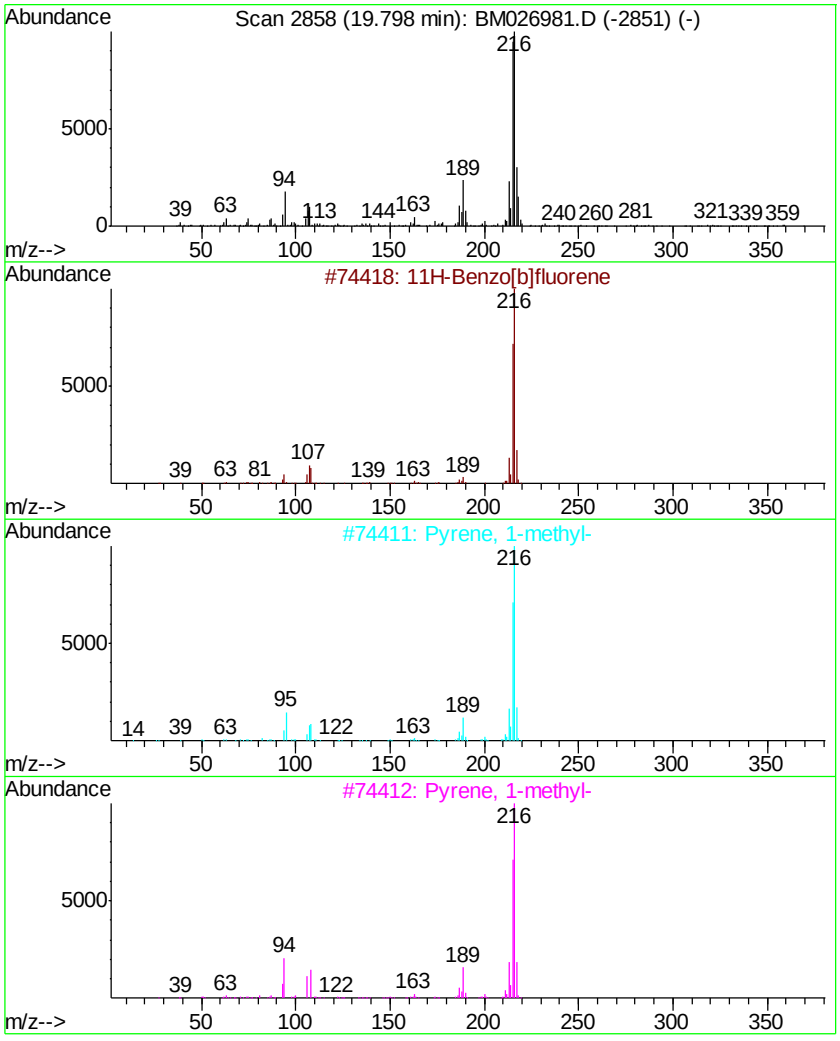
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

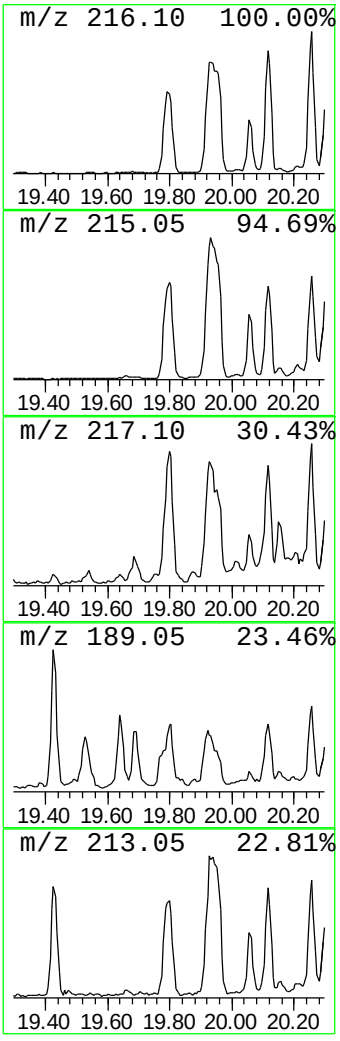
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.53 ng/ul	620794	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

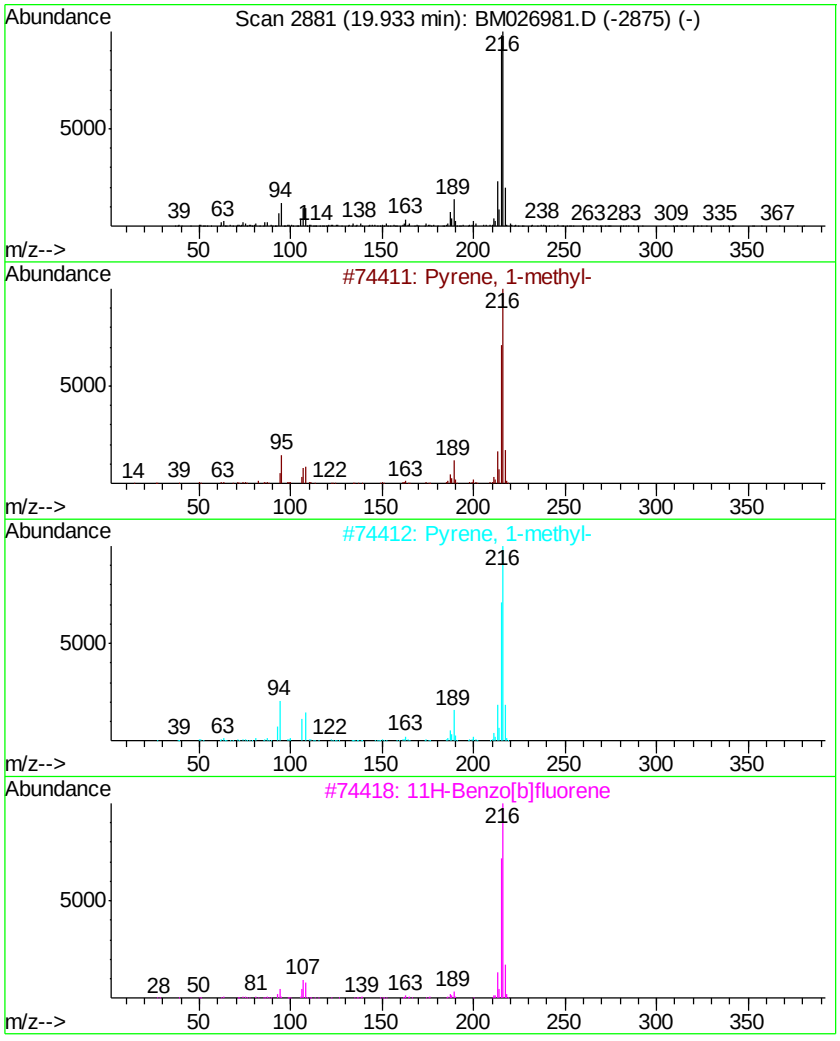
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

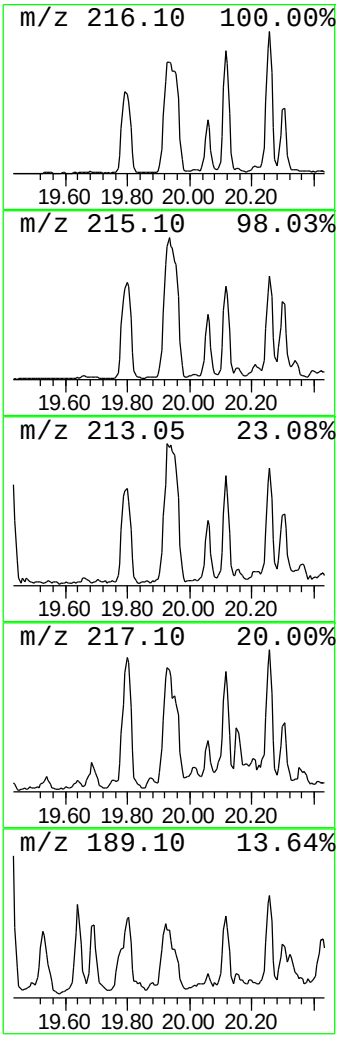
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.53 ng/ul	1112550	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
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





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

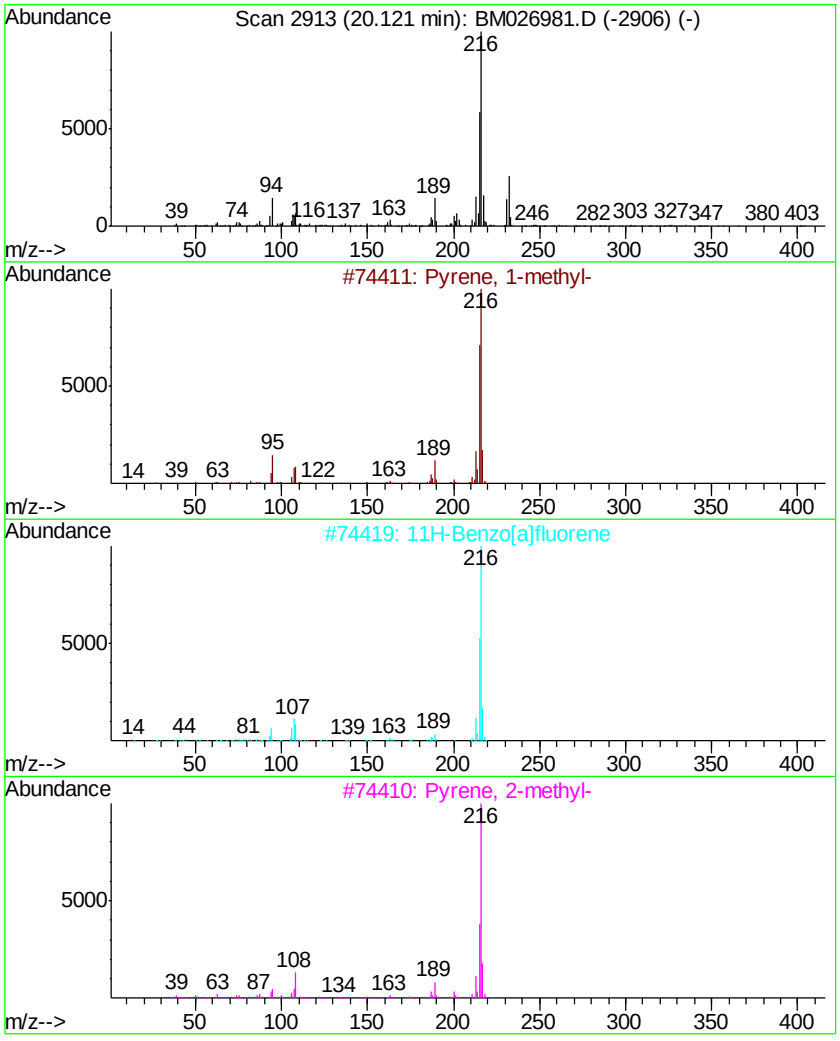
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

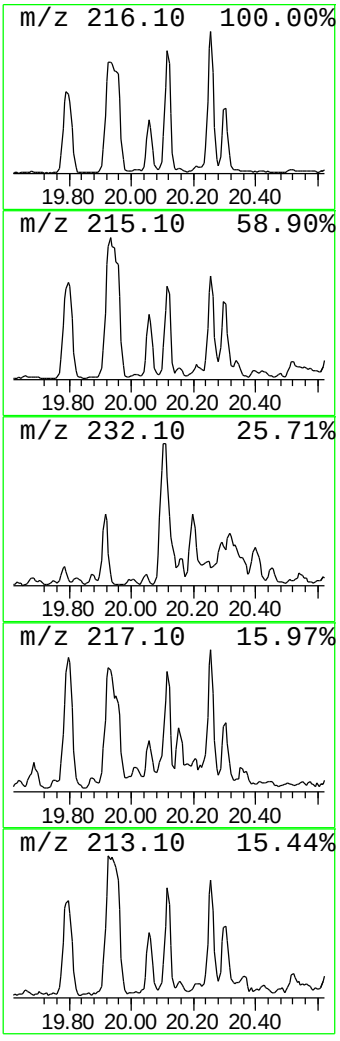
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.72 ng/ul	669351	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

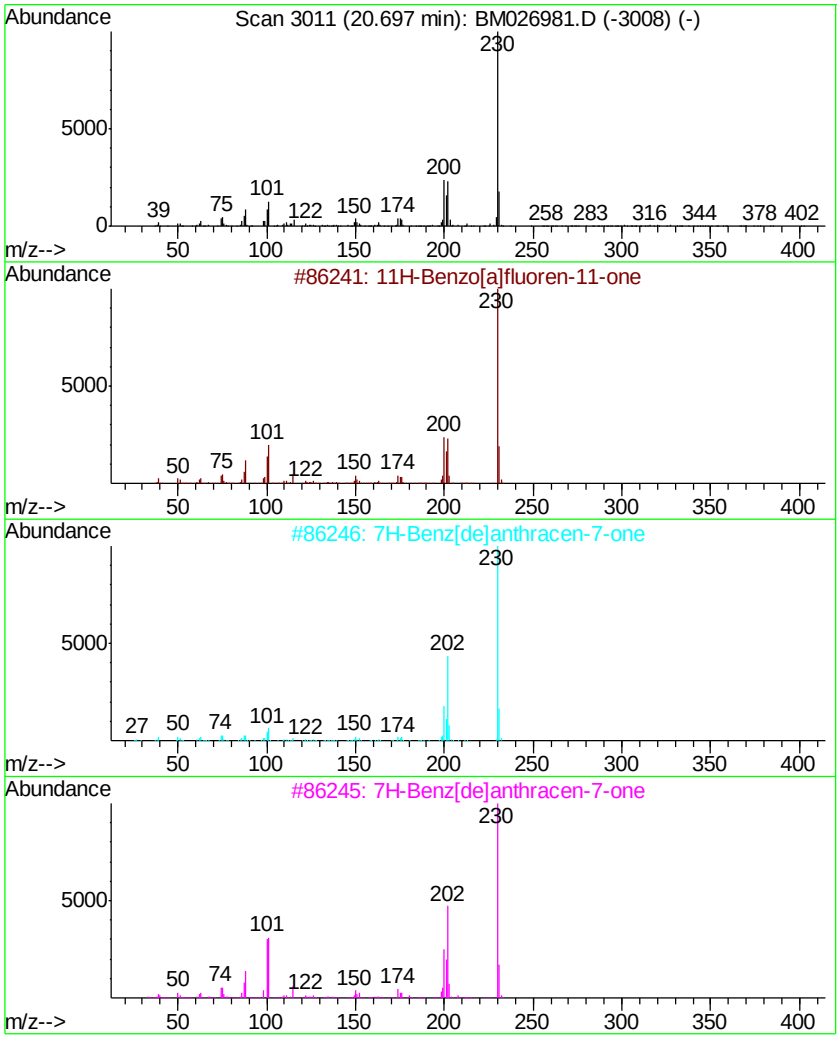
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

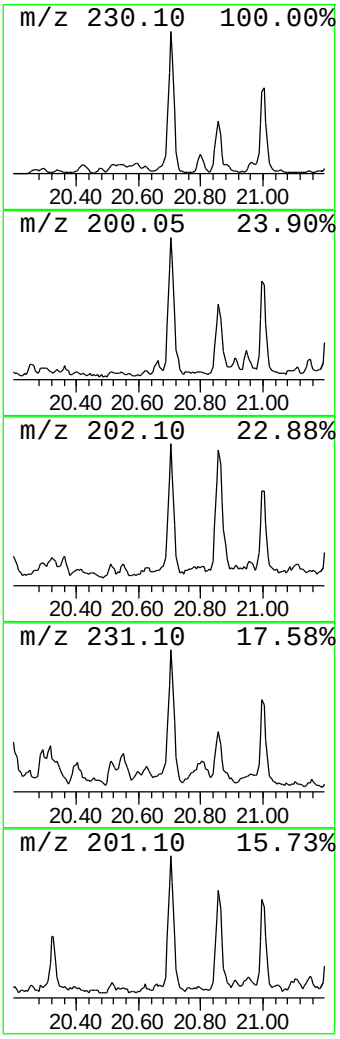
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	3.18 ng/ul	781443	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

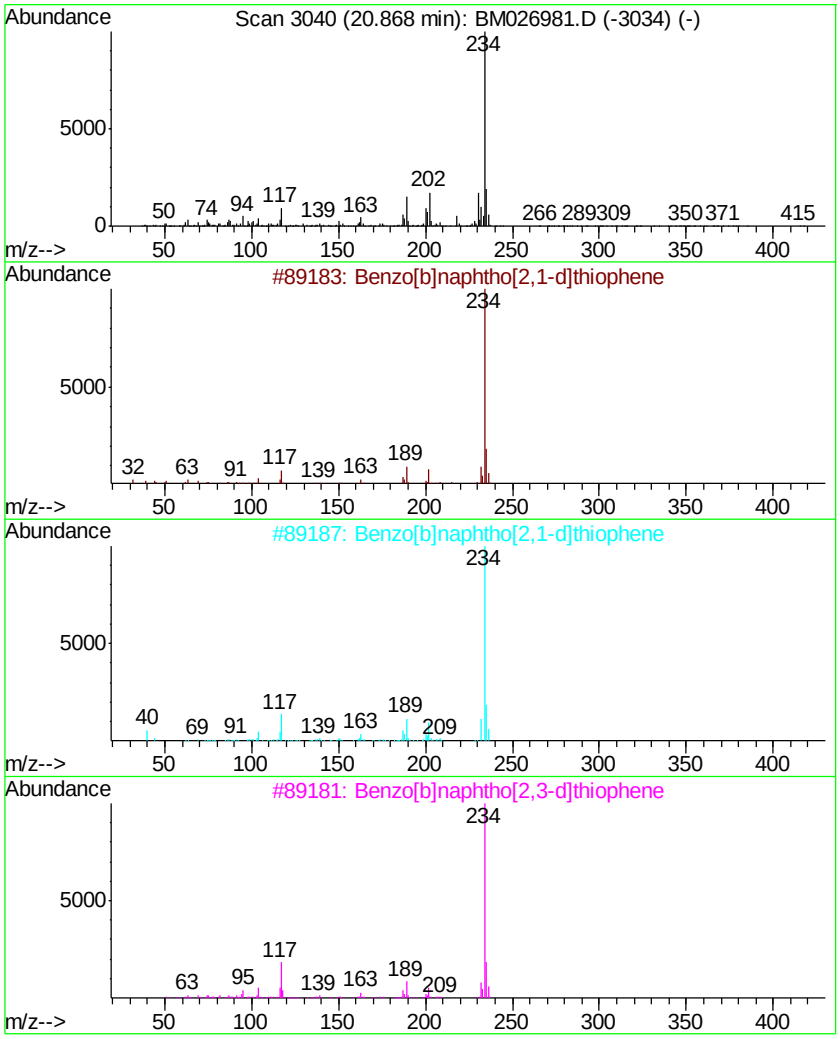
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

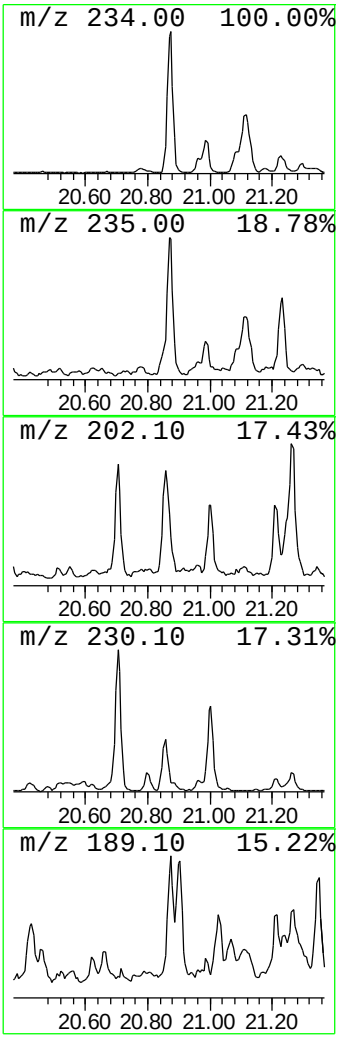
****

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.50 ng/ul	859431	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

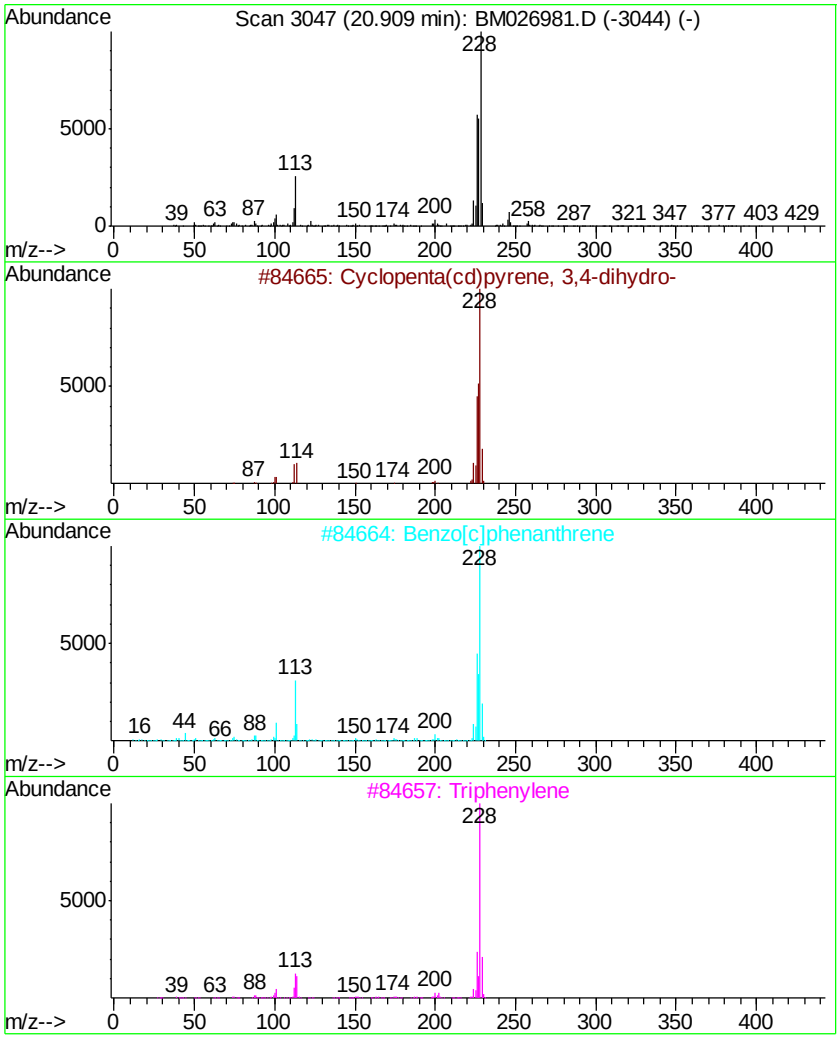
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

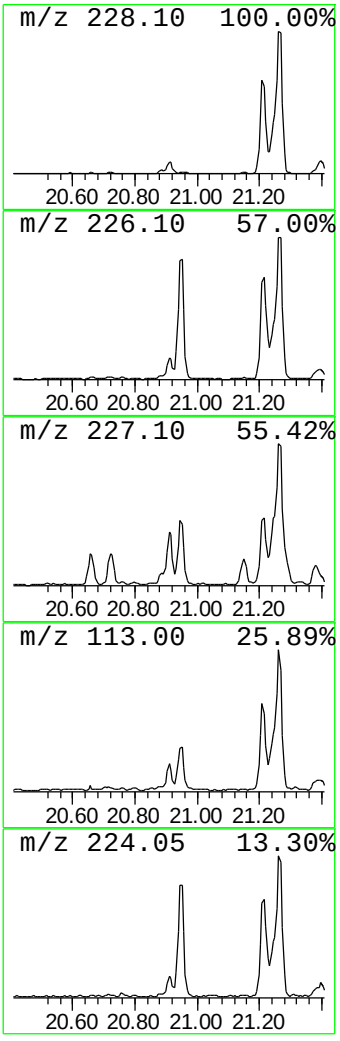
****

Peak Number 17 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.02 ng/ul	495343	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3	Triphenylene	228	C18H12	000217-59-4	43
4	5-Bromo-2,4-dichloropyrimidine	226	C4HBrCl2N2	036082-50-5	37
5	Benz[a]anthracene	228	C18H12	000056-55-3	35





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

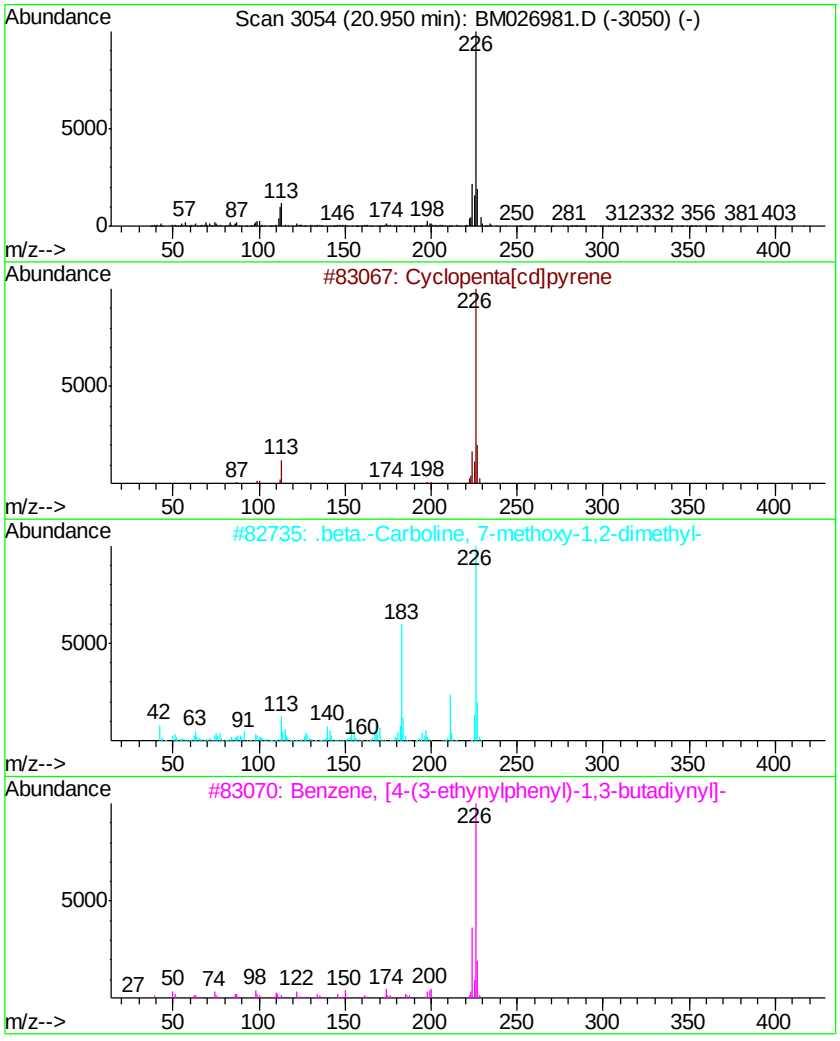
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

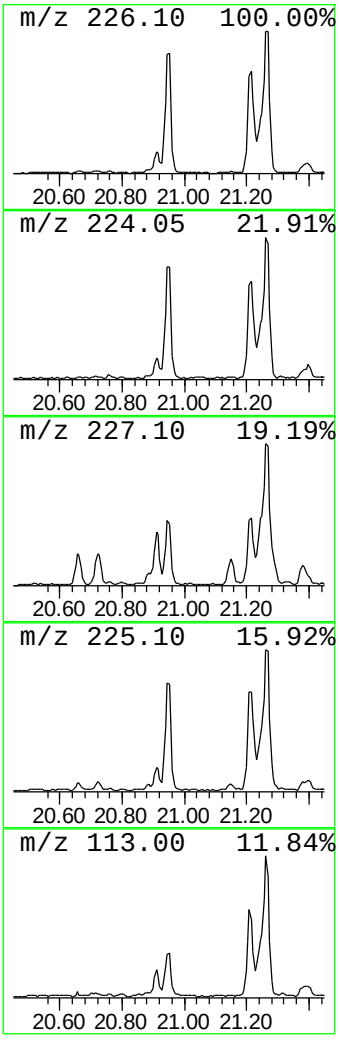
****

Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.95 ng/ul	1216010	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	37
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	36





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

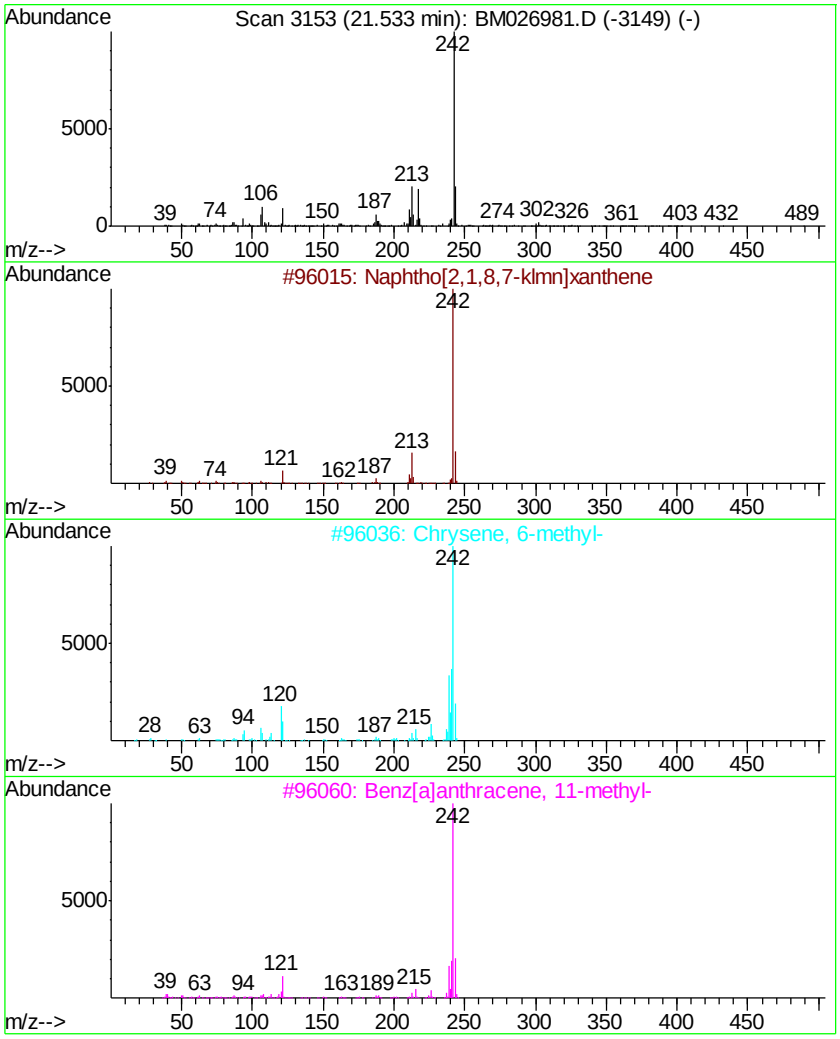
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

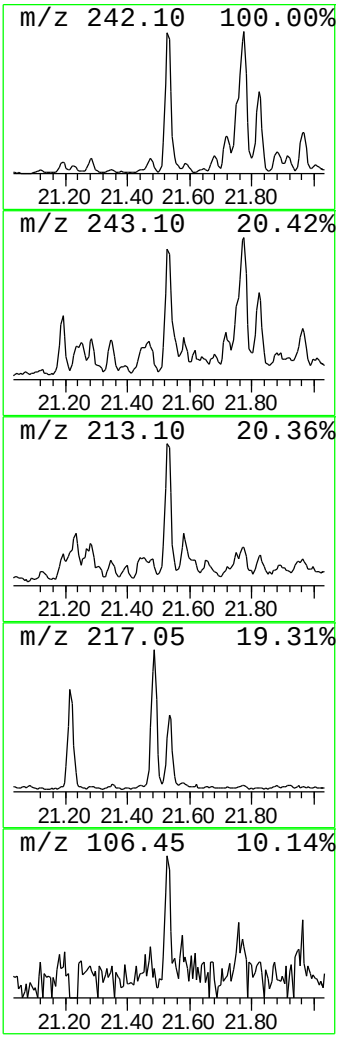
****

Peak Number 20 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.34 ng/ul	574627	Chrysene-d12	21.23

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	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	53
4	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	53
5	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

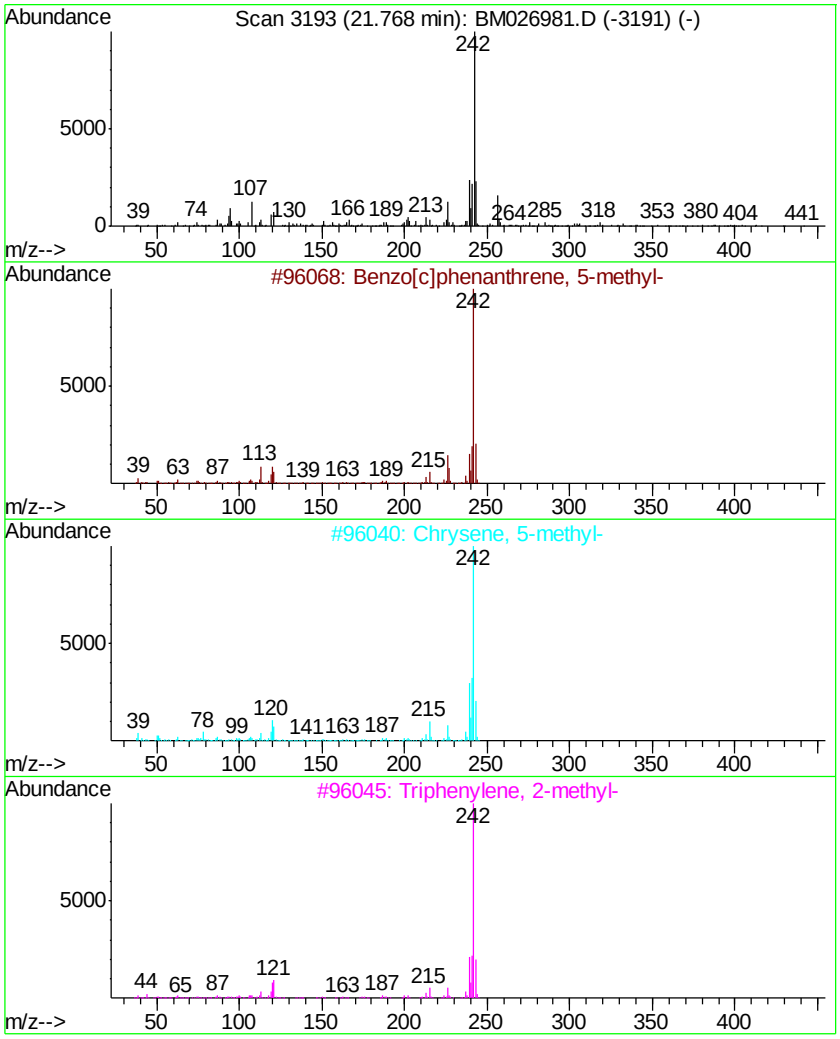
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

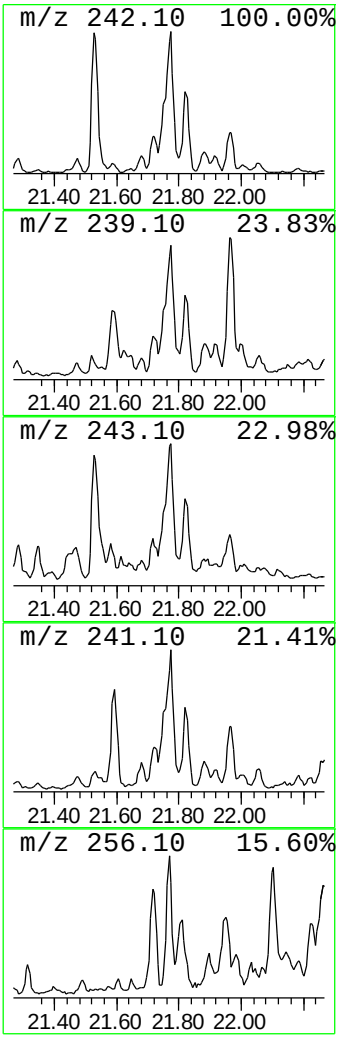
****

Peak Number 21 Benzo[c]phenanthrene, 5-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.25 ng/ul	798597	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	93
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

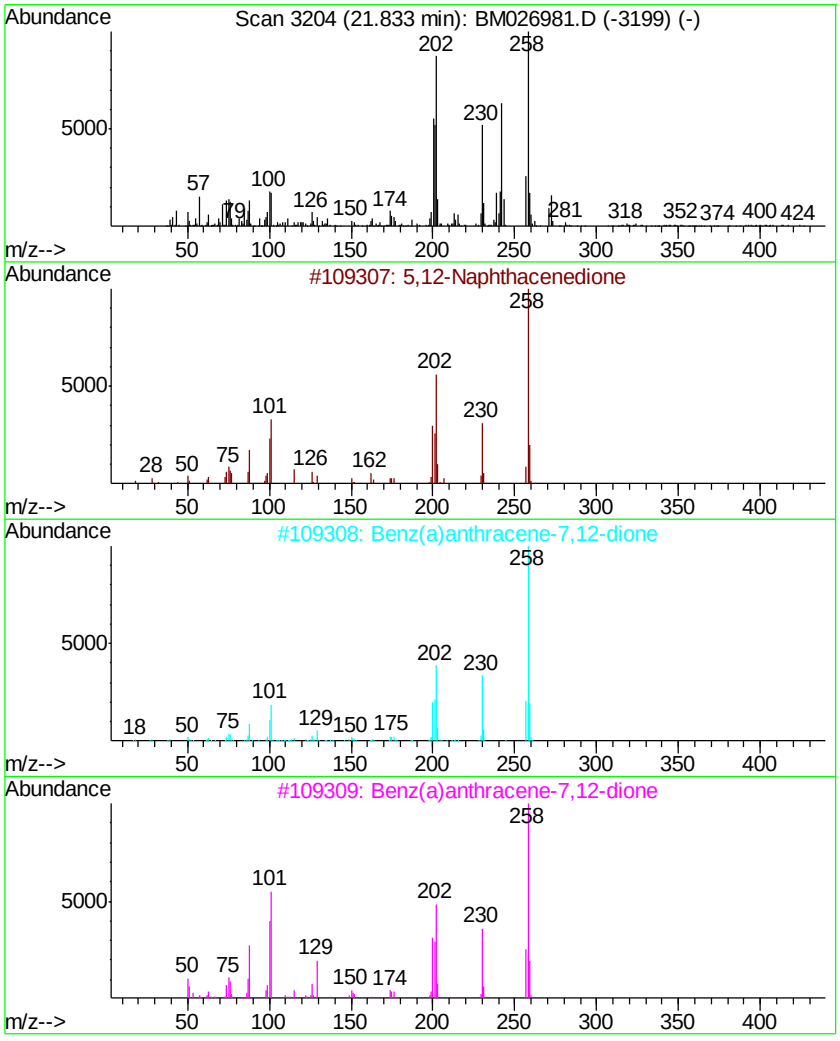
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

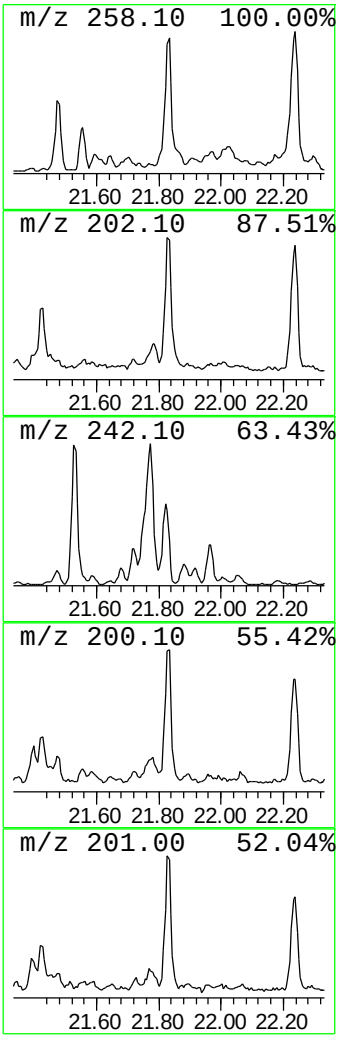
****

Peak Number 22 5,12-Naphthacenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.44 ng/ul	845193	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	58
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

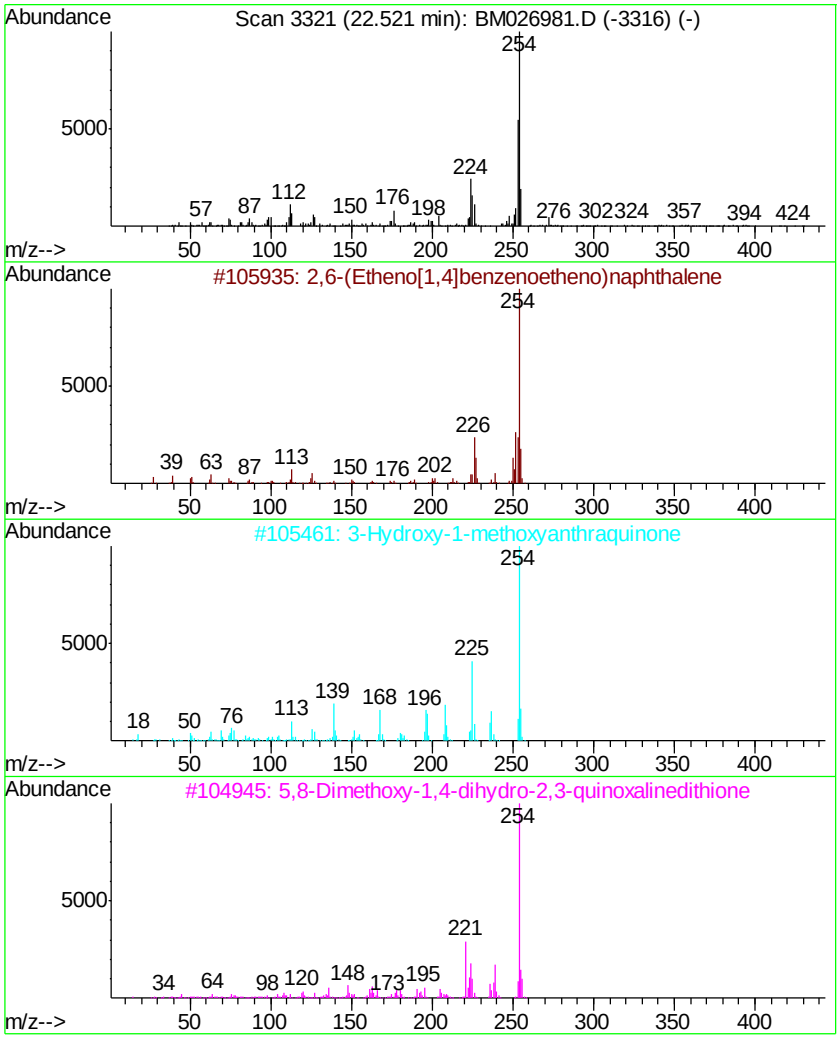
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

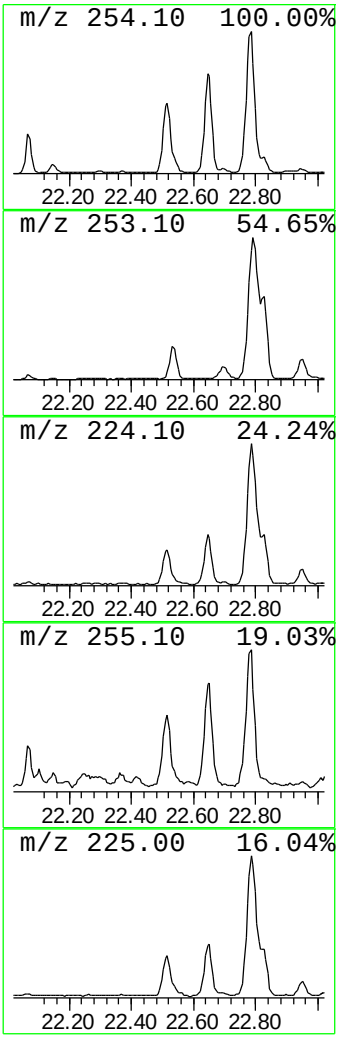
****

Peak Number 23 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	11.54 ng/ul	732395	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	58
2	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53
3	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	50
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	47
5	Pyrrolo[3,2-g]quinoline, 9-metho...	254	C16H18N2O	199918-71-3	47





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

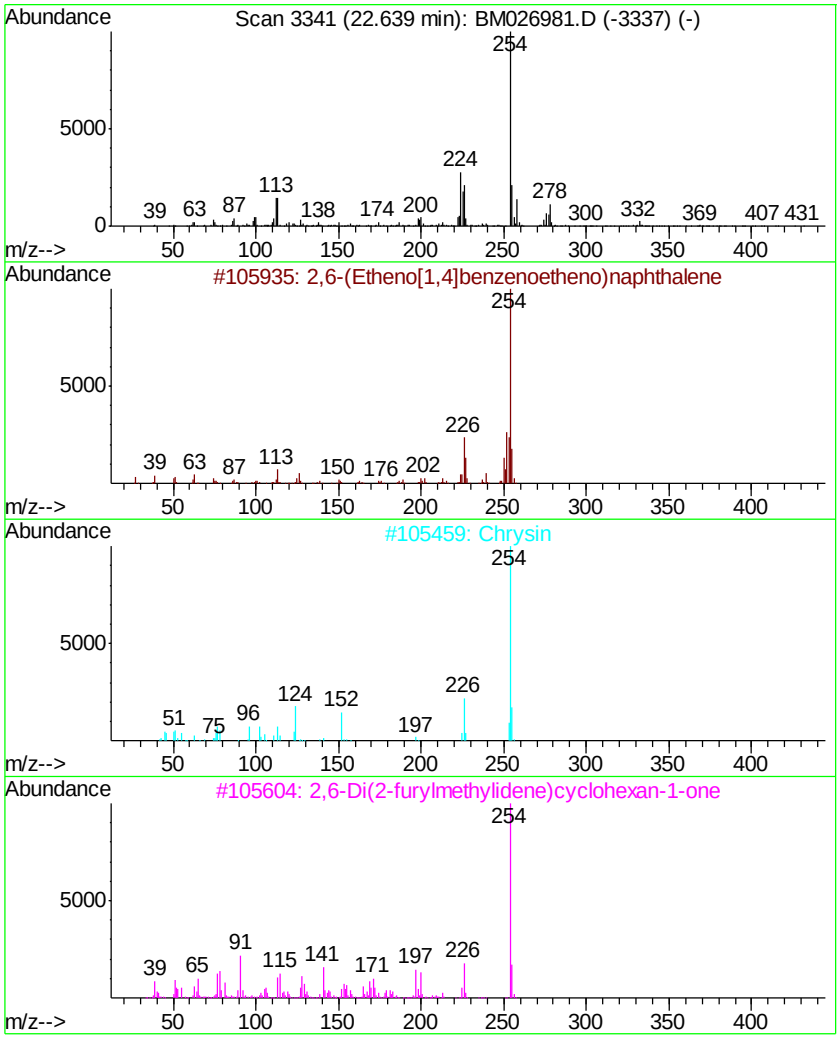
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

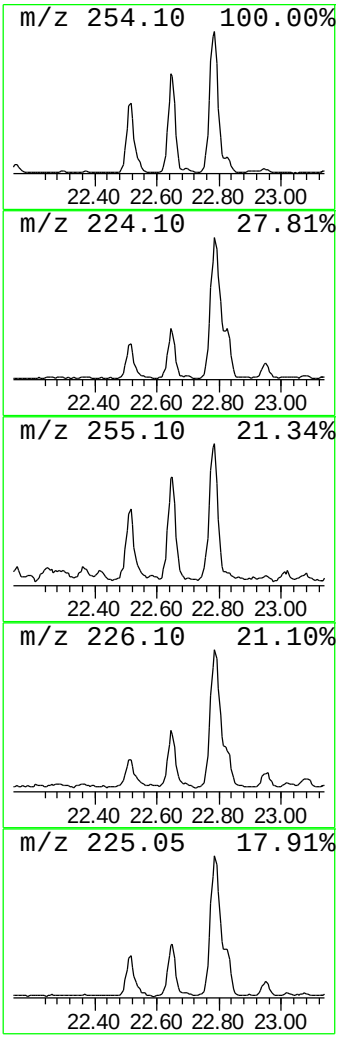
****

Peak Number 24 Chrysin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	15.90 ng/ul	1009100	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	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

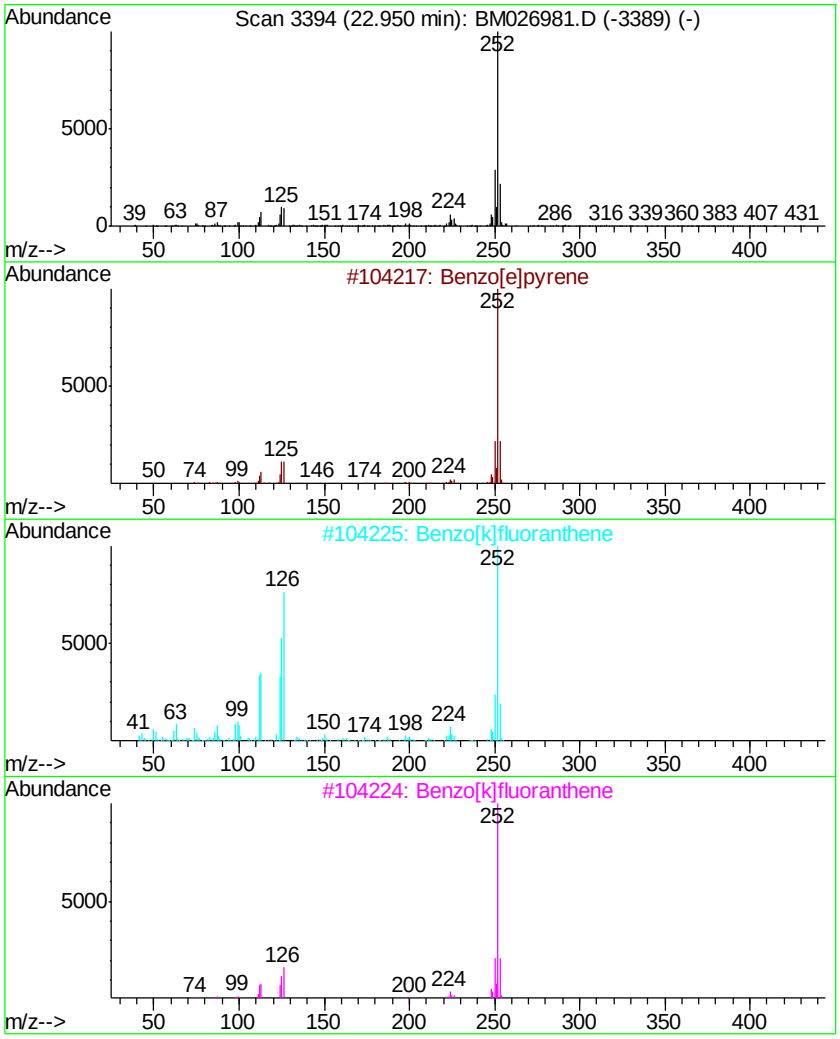
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

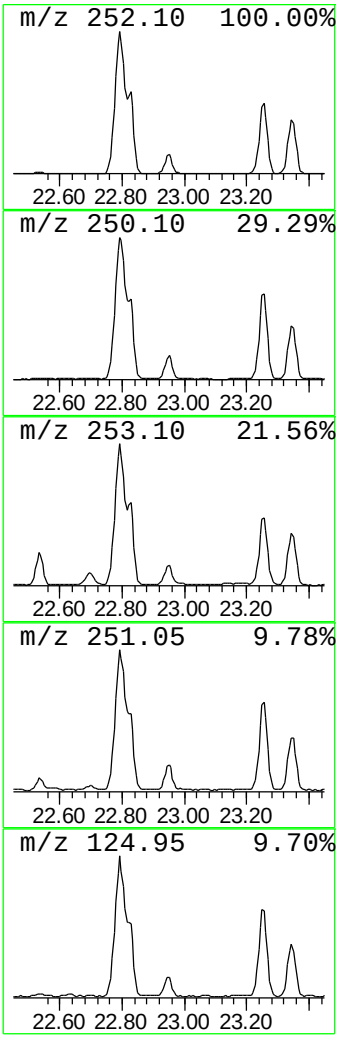
****

Peak Number 25 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	14.16 ng/ul	898434	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	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

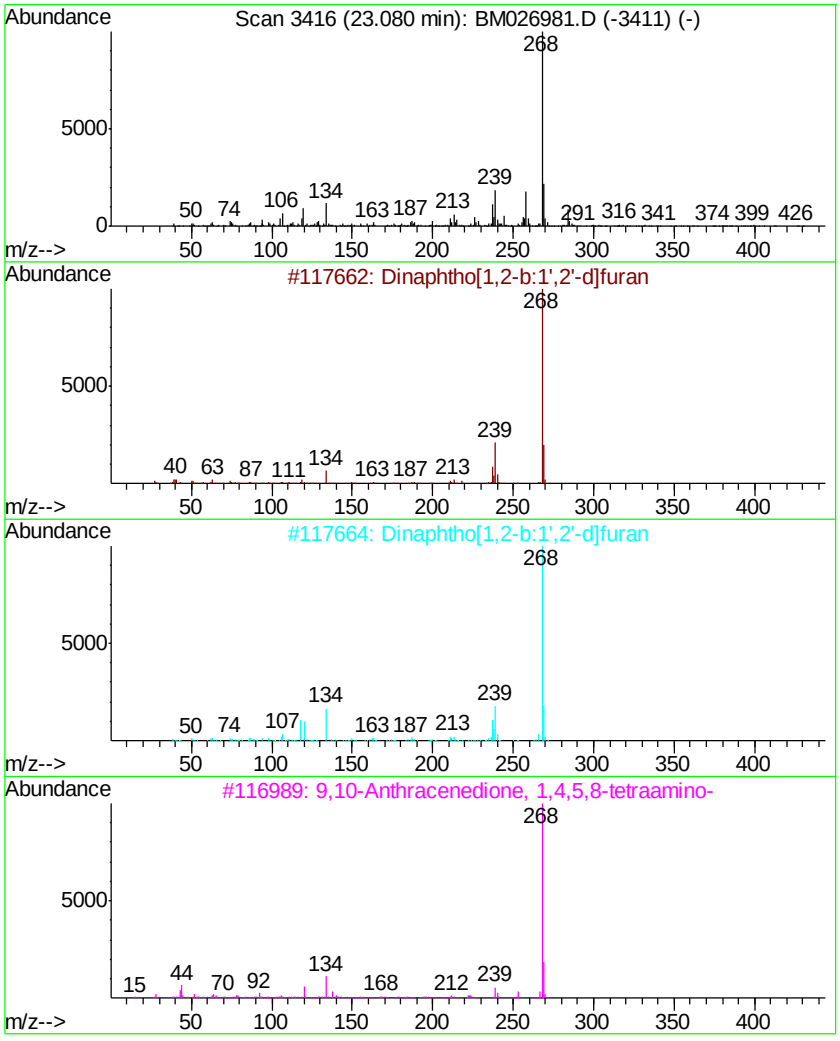
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

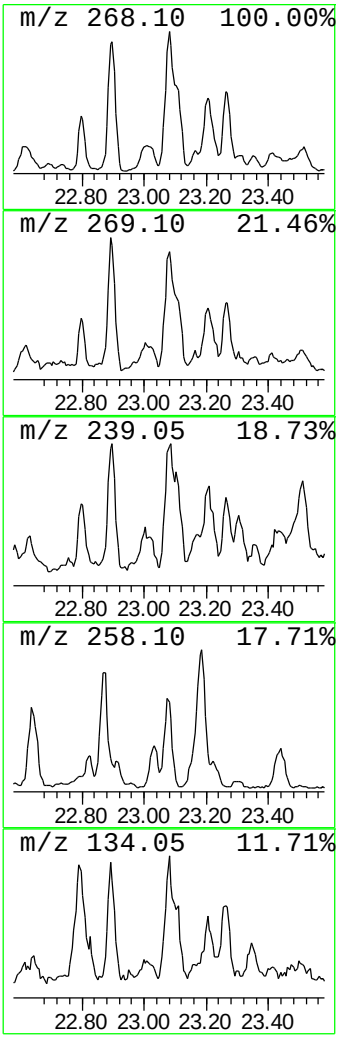
****

Peak Number 26 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	12.69 ng/ul	805287	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	91
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
3	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	64
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

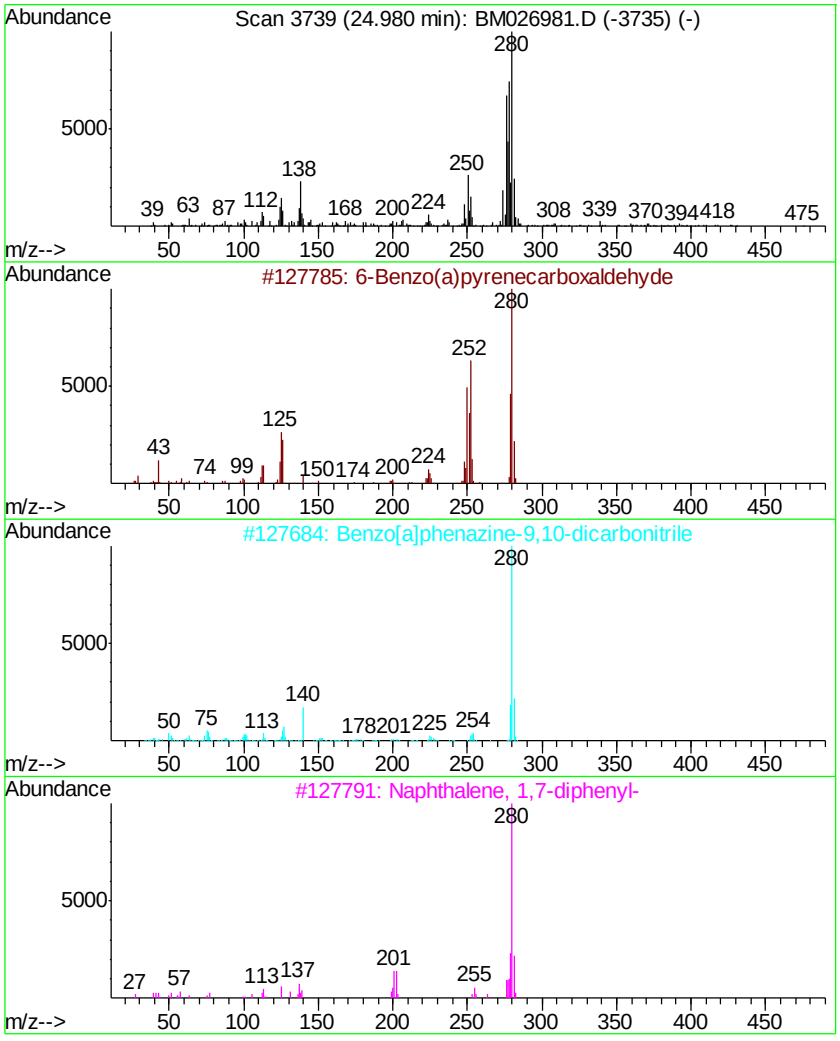
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

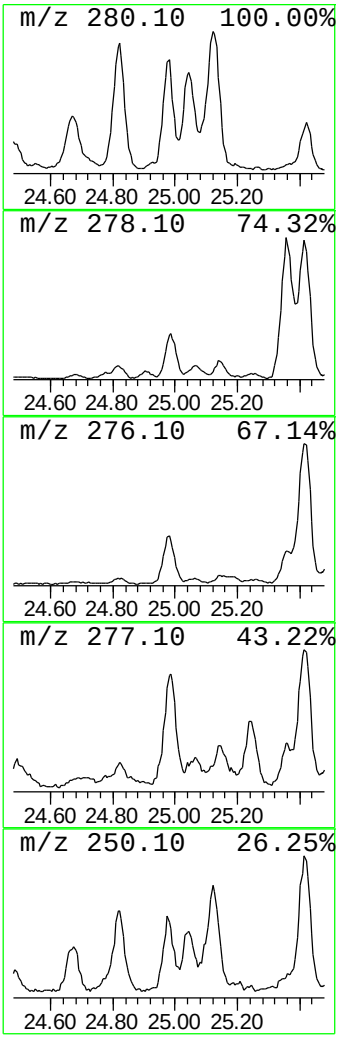
****

Peak Number 27 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	5.10 ng/ul	323843	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	42
2	Benzo[a]phenazine-9,10-dicarboni...	280	C18H8N4	1000276-19-4	38
3	Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	38
4	Quinoxaline, 6-(3-nitrobenzylide...	278	C15H10N4O2	302800-55-1	35
5	1H-1,4-Benzodiazepine-2,5-dione,...	278	C17H14N2O2	031965-37-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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

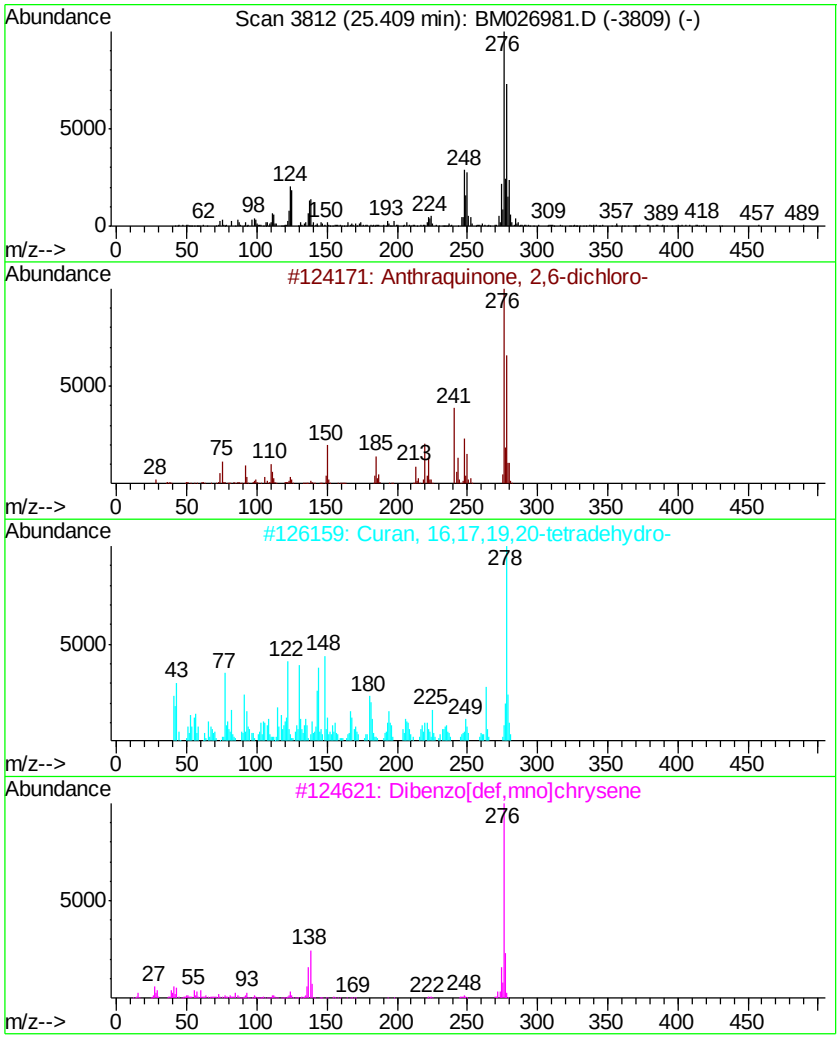
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

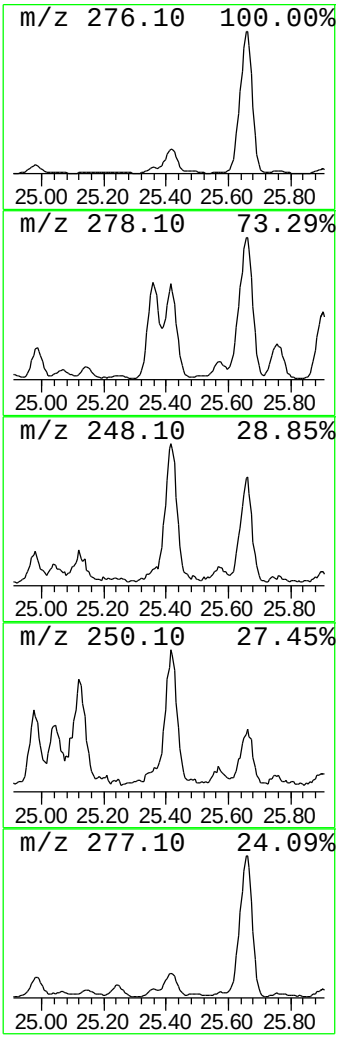
****

Peak Number 28 Anthraquinone, 2,6-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.41	17.35 ng/ul	1100870	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	64
2	Curan, 16,17,19,20-tetradehydro-	278	C19H22N2	056053-17-9	38
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	38
4	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	38
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080320\
Data File : BM026981.D
Acq On : 03 Aug 2020 16:45
Operator : JU/CG
Sample : L3424-14 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S89

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
Benzene, 1-propynyl-	8.20	2.8	ng/ul	96688	1	7.66	699930	20.0
1(2H)-Acenaphthyl...	16.01	2.1	ng/ul	150212	4	17.03	1418850	20.0
9H-Fluoren-9-one	16.69	3.9	ng/ul	278363	4	17.03	1418850	20.0
Phenanthrene, 1-m...	17.95	3.5	ng/ul	246679	4	17.03	1418850	20.0
1H-Cyclopropa[l]p...	18.04	2.3	ng/ul	161541	4	17.03	1418850	20.0
4H-Cyclopenta[def...	18.10	3.1	ng/ul	219878	4	17.03	1418850	20.0
Ethenone, 2,2-dip...	18.30	4.7	ng/ul	331266	4	17.03	1418850	20.0
9,10-Anthracenedione	18.45	4.3	ng/ul	302437	4	17.03	1418850	20.0
9,10-Dimethylanth...	18.83	3.2	ng/ul	229858	4	17.03	1418850	20.0
9-Octadecenoic ac...	18.91	3.4	ng/ul	238575	4	17.03	1418850	20.0
Cyclopenta(def)ph...	18.97	7.3	ng/ul	515565	4	17.03	1418850	20.0
Fluoranthene, 2-m...	19.80	2.5	ng/ul	620794	5	21.23	4914710	20.0
Pyrene, 1-methyl-	19.93	4.5	ng/ul	1112550	5	21.23	4914710	20.0
Pyrene, 2-methyl-	20.12	2.7	ng/ul	669351	5	21.23	4914710	20.0
11H-Benzo[a]fluor...	20.70	3.2	ng/ul	781443	5	21.23	4914710	20.0
Benzo[b]naphtho[2...	20.87	3.5	ng/ul	859431	5	21.23	4914710	20.0
unknown-01	20.91	2.0	ng/ul	495343	5	21.23	4914710	20.0
Cyclopenta[cd]pyrene	20.95	5.0	ng/ul	1216010	5	21.23	4914710	20.0
Naphtho[2,1,8,7-k...	21.53	2.3	ng/ul	574627	5	21.23	4914710	20.0
Benzo[c]phenanthr...	21.77	3.3	ng/ul	798597	5	21.23	4914710	20.0
5,12-Naphthacened...	21.83	3.4	ng/ul	845193	5	21.23	4914710	20.0
2,6-(Etheno[1,4]b...	22.52	11.5	ng/ul	732395	6	23.44	1268950	20.0
Chrysin	22.64	15.9	ng/ul	1009100	6	23.44	1268950	20.0
Benzo[e]pyrene	22.95	14.2	ng/ul	898434	6	23.44	1268950	20.0
Dinaphtho[1,2-b:1...	23.08	12.7	ng/ul	805287	6	23.44	1268950	20.0
unknown-02	24.98	5.1	ng/ul	323843	6	23.44	1268950	20.0
Anthraquinone, 2,...	25.41	17.4	ng/ul	1100870	6	23.44	1268950	20.0