LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

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-BM051320MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.069	28	31	39	rVB	53883	74605	0.88%	0.084%
2	6.687	640	646	653	rBV	277201	435312	5.14%	0.491%
3	6.846	667	673	686	rBV	849885	1299772	15.35%	1.465%
4	7.034	694	705	715	rBV	927516	1450689	17.13%	1.635%
5	7.499	776	784	791	rBV	678162	1039691	12.28%	1.172%
6	7.869	841	847	854	rBV	126826	201755	2.38%	0.227%
7	8.210	897	905	914	rBV	766397	1161688	13.72%	1.309%
8	8.640	966	978	988	rBV	1068993	1709523	20.19%	1.927%
9	9.357	1092	1100	1109	rBV	863861	1394524	16.47%	1.572%
10	9.675	1144	1154	1163	rVB6	20541	50096	0.59%	0.056%
11	9.893	1183	1191	1203	rBV	1291479	2071628	24.47%	2.335%
12	10.257	1246	1253	1258	rBV	939347	1537457	18.16%	1.733%
13	10.310	1258	1262	1271	rVB	376164	598294	7.07%	0.674%
14	10.416	1271	1280	1290	rBV3	51670	127187	1.50%	0.143%
15	12.157	1565	1576	1583	rVB	132215	233115	2.75%	0.263%
16	12.975	1706	1715	1723	rBV2	41392	100759	1.19%	0.114%
17	13.463	1789	1798	1803	rBV2	73538	135963	1.61%	0.153%
18	13.563	1809	1815	1822	rVB	2282159	3085545	36.44%	3.478%
19	13.698	1833	1838	1841	rVV2	31575	52419	0.62%	0.059%
20	13.828	1853	1860	1873	rBV	2523794	3718713	43.92%	4.191%
21	14.139	1907	1913	1919	rBV	1335631	1974541	23.32%	2.226%
22	14.204	1919	1924	1932	rVV	1021545	1465038	17.30%	1.651%
23	14.275	1932	1936	1940	rVB	46113	64642	0.76%	0.073%
24	14.357	1945	1950	1961	rVV	257584	450433	5.32%	0.508%
25	14.457	1961	1967	1972	rVB2	59649	96049	1.13%	0.108%
26	14.545	1972	1982	1992	rBV	581569	882033	10.42%	0.994%
27	14.628	1992	1996	2000	rVV	57256	81665	0.96%	0.092%
28	14.669	2000	2003	2011	rVB	32923	64135	0.76%	0.072%
29	14.775	2016	2021	2026	rVV3	44102	79848	0.94%	0.090%
30	14.916	2040	2045	2047	rBV2	42724	65908	0.78%	0.074%
31	14.945	2047	2050	2053	rVV2	35290	49084	0.58%	0.055%
32	15.139	2077	2083	2088	rVV	3229397	4575872	54.05%	5.158%
33	15.198	2088	2093	2098	rVV	890268	1227281	14.50%	1.383%
34	15.269	2098	2105	2112	rVV	1269091	1782158	21.05%	2.009%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

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-BM051320MA.M
Title : SVOA CALIBRATION

35	15.322	2112	2114	2117	rVV2	103446	139201	1.64%	0.157%
36	15.357	2117	2120	2127	rVV2	130695	262926	3.11%	0.296%
37	15.410	2127	2129	2132	rVV2	43803	64494	0.76%	0.073%
38	15.445	2132	2135	2139	rVV2	69871	108272	1.28%	0.122%
39	15.498	2139	2144	2154	rVB	169335	286973	3.39%	0.323%
40	15.639	2163	2168	2177	rVB	174073	365929	4.32%	0.412%
41	15.727	2177	2183	2191	rVB4	47236	97305	1.15%	0.110%
42	15.874	2203	2208	2214	rVB3	128137	208850	2.47%	0.235%
43	15.992	2223	2228	2236	rBV3	81666	157081	1.86%	0.177%
44	16.204	2253	2264	2269	rBV3	123432	336889	3.98%	0.380%
45	16.251	2269	2272	2278	rVV2	65697	94585	1.12%	0.107%
46	16.351	2284	2289	2295	rVB3	75578	135312	1.60%	0.153%
47	16.410	2295	2299	2301	rBV2	47305	69629	0.82%	0.078%
48	16.439	2301	2304	2306	rVV2	80514	103795	1.23%	0.117%
49	16.474	2307	2310	2314	rVV3	89548	137682	1.63%	0.155%
50	16.510	2314	2316	2321	rVV3	35734	60358	0.71%	0.068%
51	16.551	2321	2323	2331	rVB6	34274	70638	0.83%	0.080%
52	16.651	2331	2340	2344	rBV2	199683	402594	4.76%	0.454%
53	16.710	2345	2350	2354	rVB	170636	235834	2.79%	0.266%
54	16.892	2372	2381	2384	rBV	1721397	2368280	27.97%	2.669%
55	16.933	2384	2388	2392	rVV	1119452	1546441	18.27%	1.743%
56	16.986	2392	2397	2401	rVV2	3401659	4982652	58.85%	5.616%
57	17.021	2401	2403	2410	rVV	641493	746970	8.82%	0.842%
58	17.092	2410	2415	2420	rVV3	46627	78781	0.93%	0.089%
59	17.298	2445	2450	2454	rBV	237060	327442	3.87%	0.369%
60	17.416	2466	2470	2474	rVV	87771	107336	1.27%	0.121%
61	17.468	2475	2479	2484	rBV4	43423	57433	0.68%	0.065%
62	17.616	2500	2504	2508	rVB2	41651	64128	0.76%	0.072%
63	17.763	2525	2529	2533	rVV	175439	251722	2.97%	0.284%
64	17.816	2533	2538	2545	rVB	294907	413022	4.88%	0.466%
65	17.892	2545	2551	2556	rBV	177016	277596	3.28%	0.313%
66	17.957	2556	2562	2566	rVV2	896977	1360084	16.06%	1.533%
67	17.992	2566	2568	2576	rVB	191647	254688	3.01%	0.287%
68	18.274	2612	2616	2619	rVV	268111	346825	4.10%	0.391%
69	18.310	2619	2622	2627	rVB2	64015	94645	1.12%	0.107%
70	18.521	2655	2658	2663	rVB3	67740	91067	1.08%	0.103%
71	18.615	2670	2674	2677	rVB	54240	71526	0.84%	0.081%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

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-BM051320MA.M
Title : SVOA CALIBRATION

72	18.692	2682	2687	2692	rBV2	113547	207193	2.45%	0.234%
73	18.757	2694	2698	2702	rBV3	67210	94966	1.12%	0.107%
74	18.833	2707	2711	2713	rBV	76678	107369	1.27%	0.121%
75	18.898	2719	2722	2724	rBV2	38778	50335	0.59%	0.057%
76	18.957	2726	2732	2738	rVB	6714913	8466346	100.00%	9.543%
77	19.021	2739	2743	2747	rBV3	61313	104003	1.23%	0.117%
78	19.198	2770	2773	2779	rVV	148602	216819	2.56%	0.244%
79	19.292	2783	2789	2792	rVV	5169844	7877976	93.05%	8.879%
80	19.321	2792	2794	2799	rVV	4246717	4538402	53.61%	5.115%
81	19.392	2803	2806	2814	rVB	150500	245128	2.90%	0.276%
82	19.504	2821	2825	2832	rVB	196938	242283	2.86%	0.273%
83	19.662	2844	2852	2856	rBV4	161968	419153	4.95%	0.472%
84	19.786	2869	2873	2874	rBV3	122533	148726	1.76%	0.168%
85	19.821	2875	2879	2884	rVB2	544849	733181	8.66%	0.826%
86	19.921	2892	2896	2900	rBV	551635	676445	7.99%	0.762%
87	19.980	2900	2906	2909	rVV2	217700	332190	3.92%	0.374%
88	20.015	2909	2912	2917	rVB	112866	151674	1.79%	0.171%
89	20.115	2926	2929	2933	rBV	114280	140126	1.66%	0.158%
90	20.162	2933	2937	2942	rVV3	137666	190861	2.25%	0.215%
91	20.457	2984	2987	2990	rVB2	69356	81300	0.96%	0.092%
92	20.733	3031	3034	3038	rBV	111388	137178	1.62%	0.155%
93	20.774	3038	3041	3044	rBV	177555	186949	2.21%	0.211%
94	20.809	3044	3047	3053	rBV2	103921	154385	1.82%	0.174%
95	21.086	3087	3094	3098	rBV3	2356971	3984796	47.07%	4.491%
96	21.121	3098	3100	3107	rVB	556794	636663	7.52%	0.718%
97	21.239	3117	3120	3124	rBV	165982	205312	2.43%	0.231%
98	22.580	3344	3348	3351	rBV	295926	510821	6.03%	0.576%
99	23.080	3427	3433	3438	rBV	3245631	5217930	61.63%	5.881%
100	23.209	3449	3455	3461	rBV	1502322	2546265	30.08%	2.870%

Sum of corrected areas: 88721182

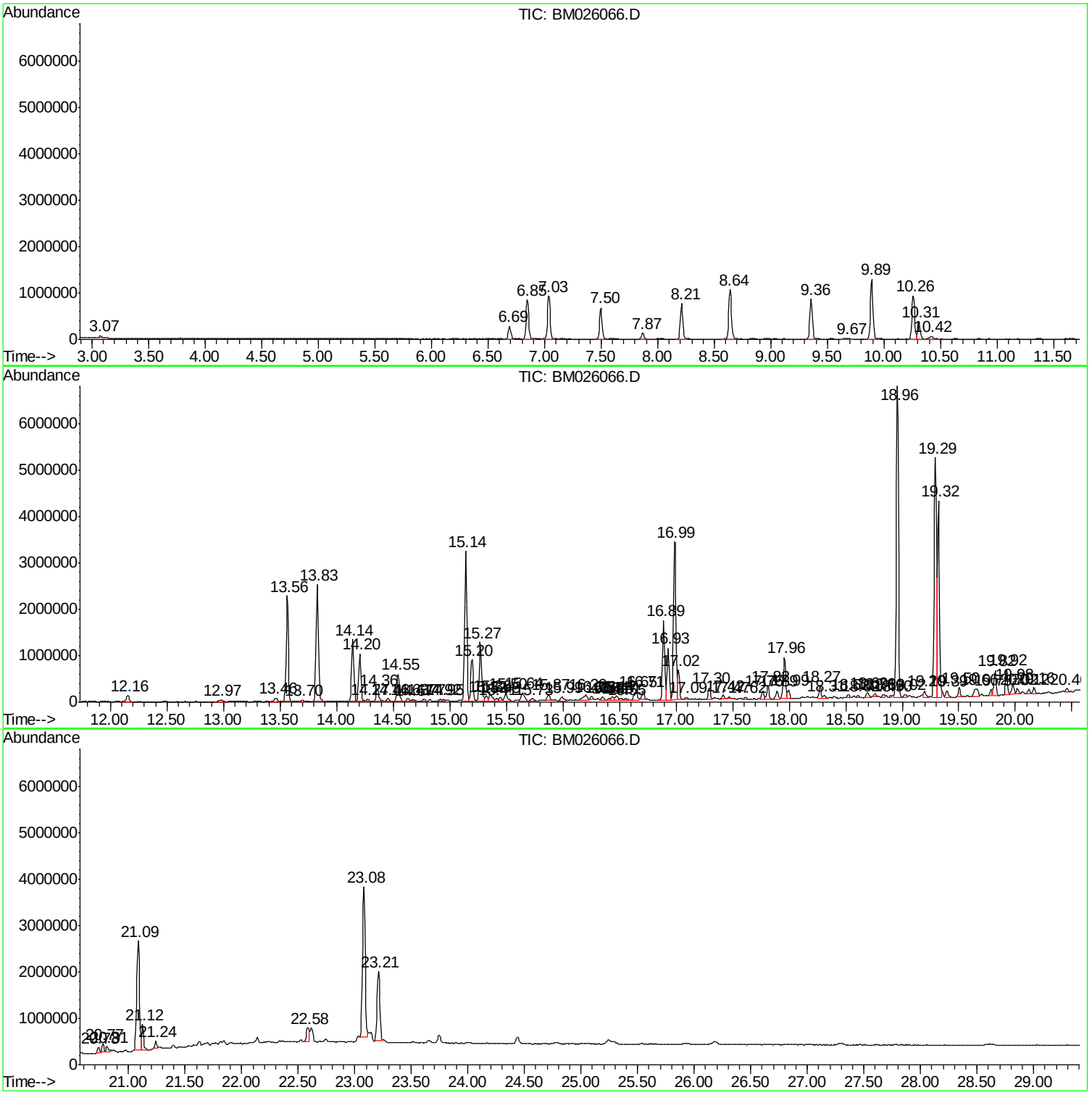
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

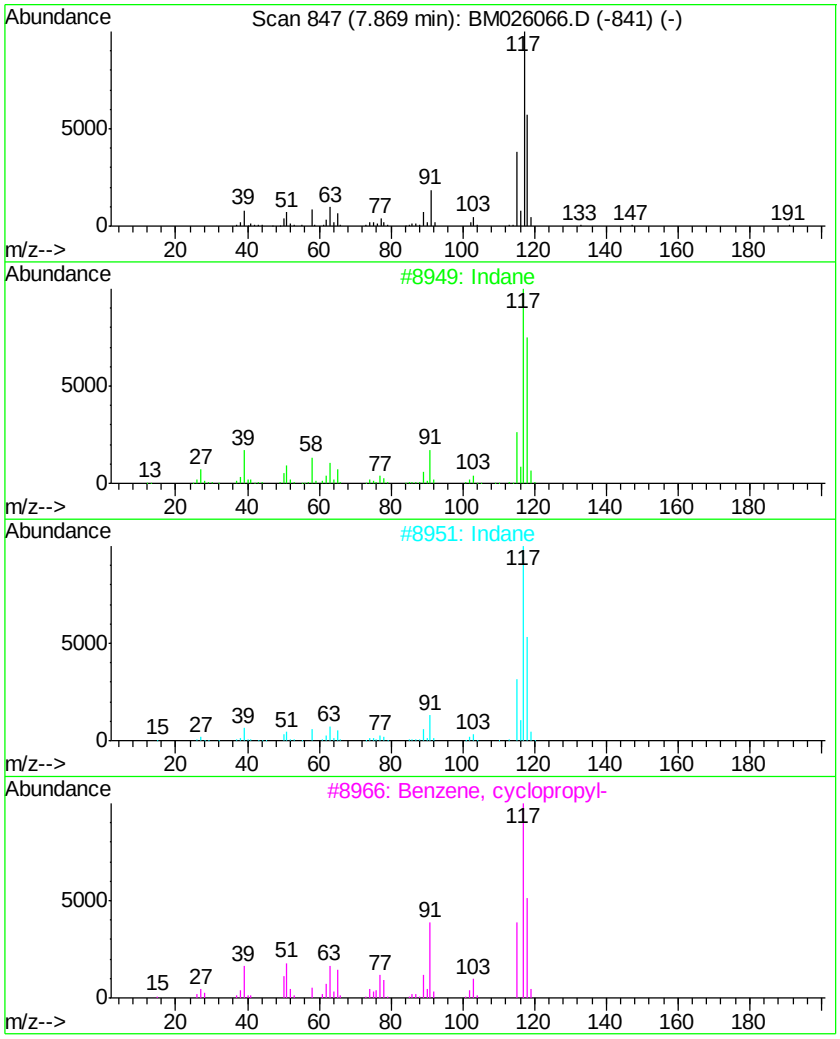
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

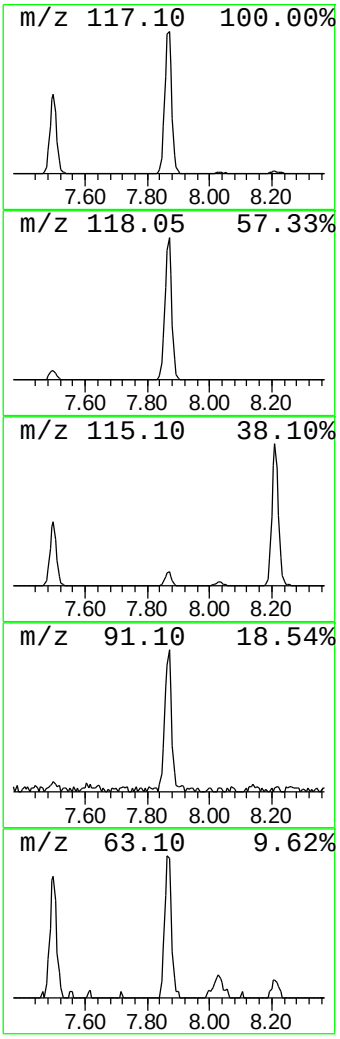
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	3.88 ng/ul	201755	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	89
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

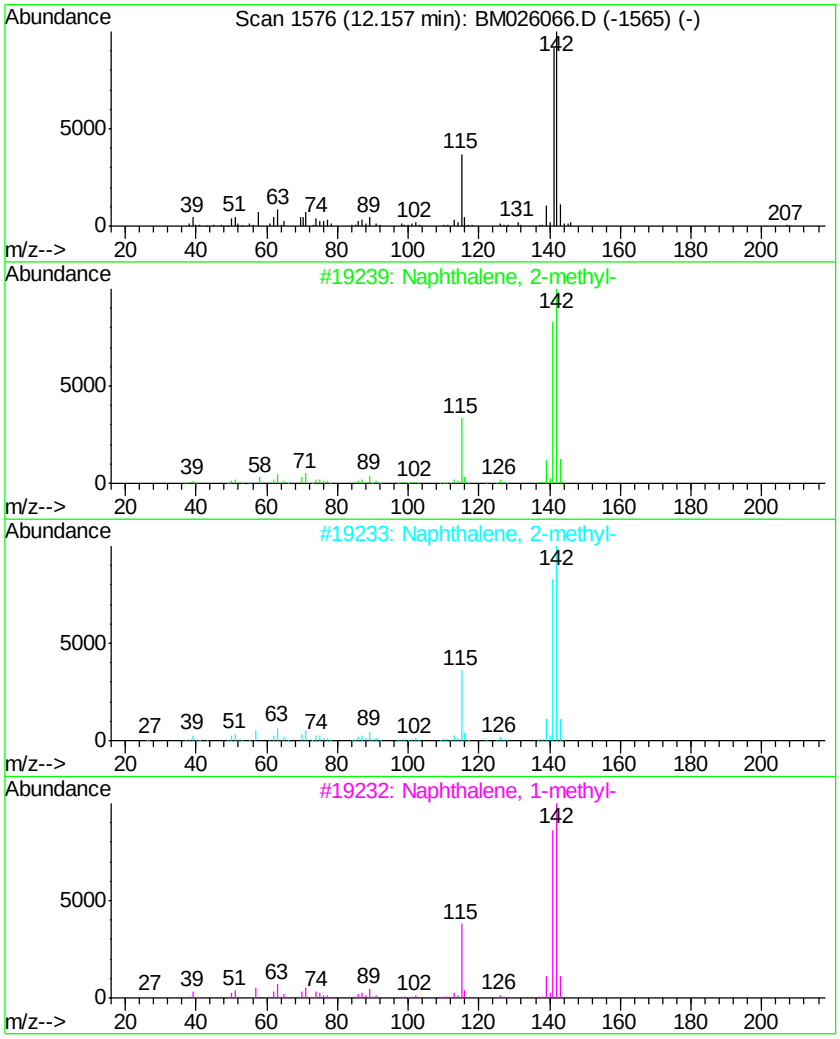
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

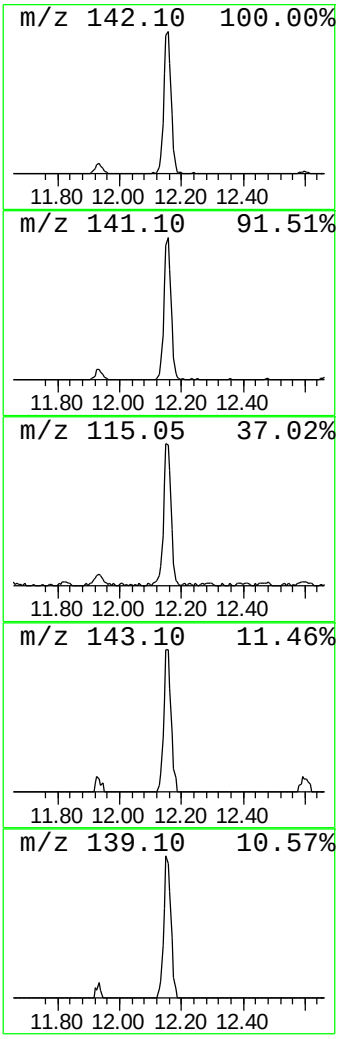
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.03 ng/ul	233115	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

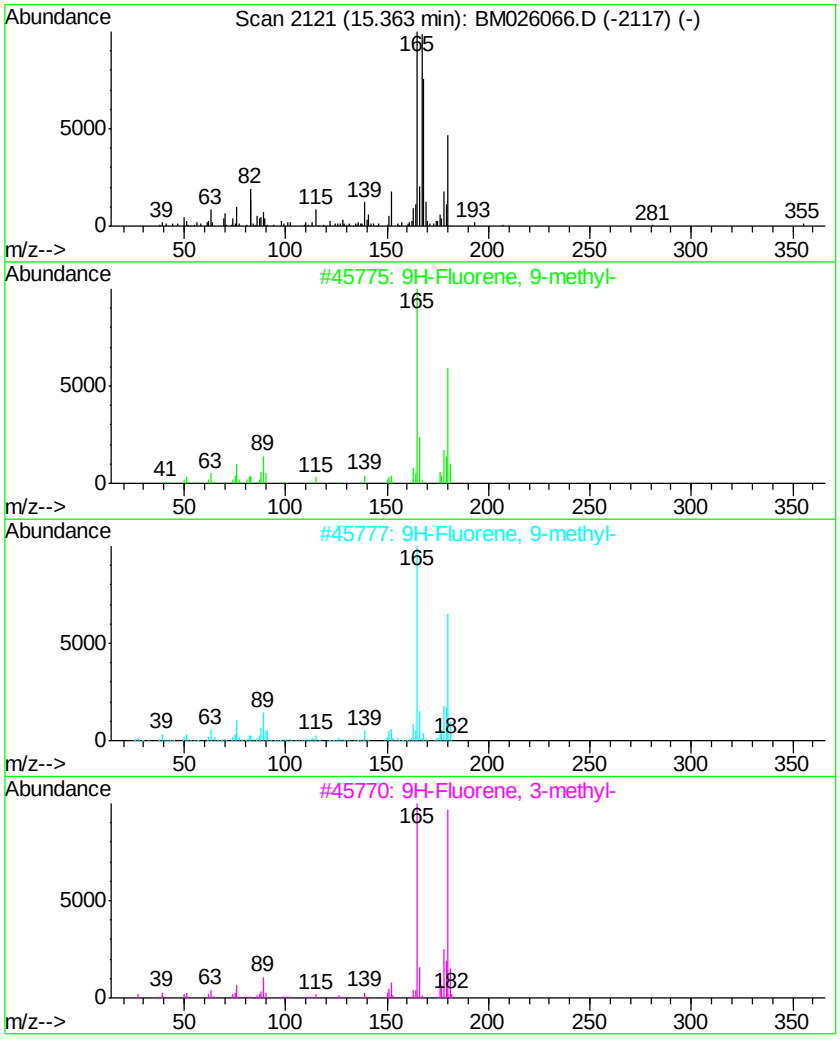
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

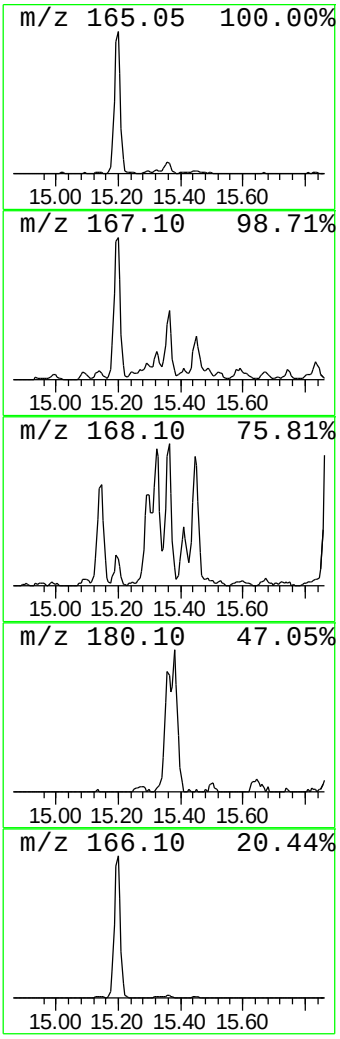
****

Peak Number 3 9H-Fluorene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.66 ng/ul	262926	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	49
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

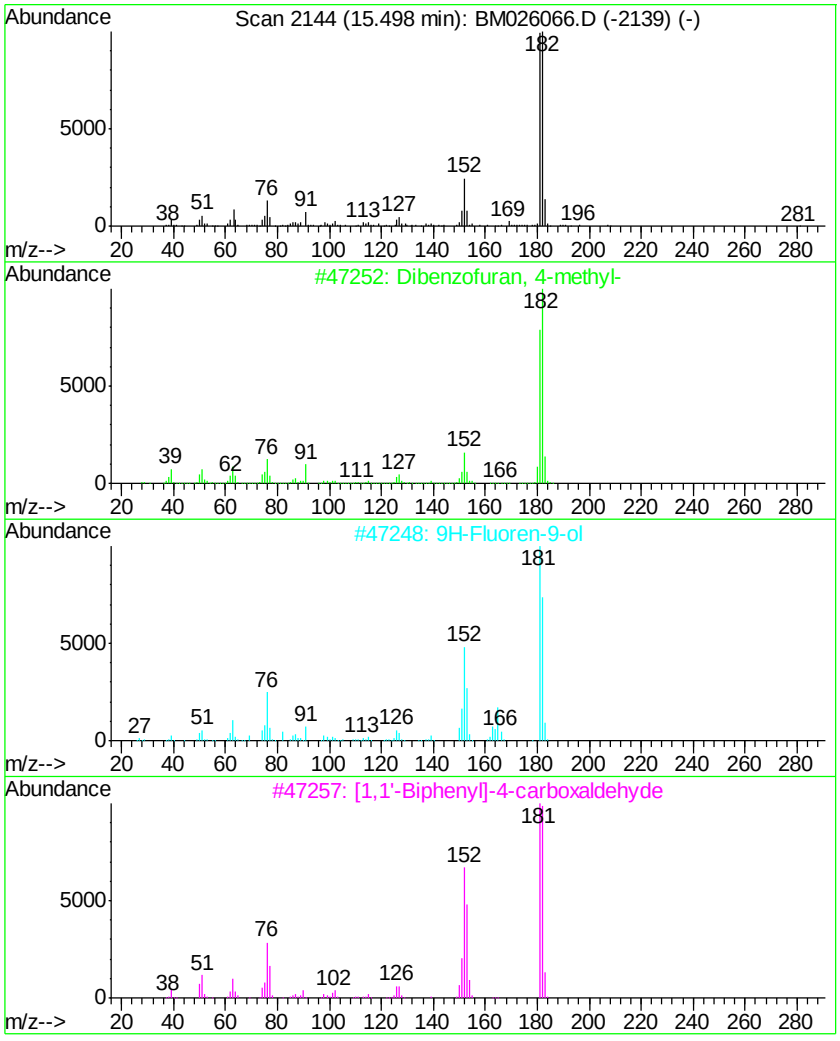
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

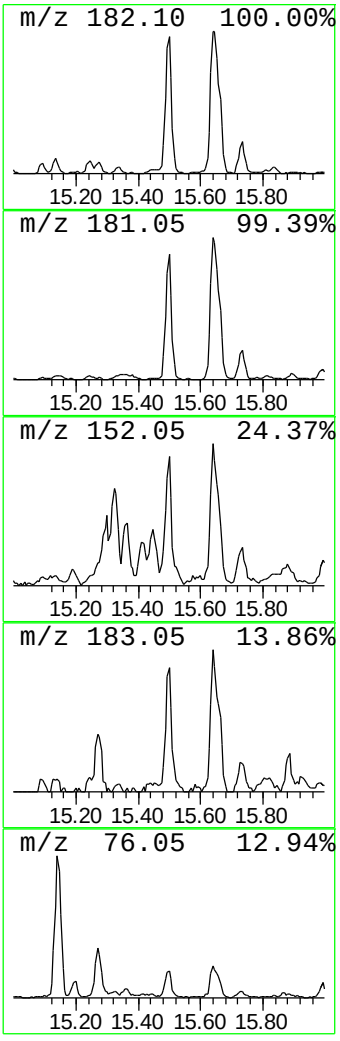
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.91 ng/ul	286973	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

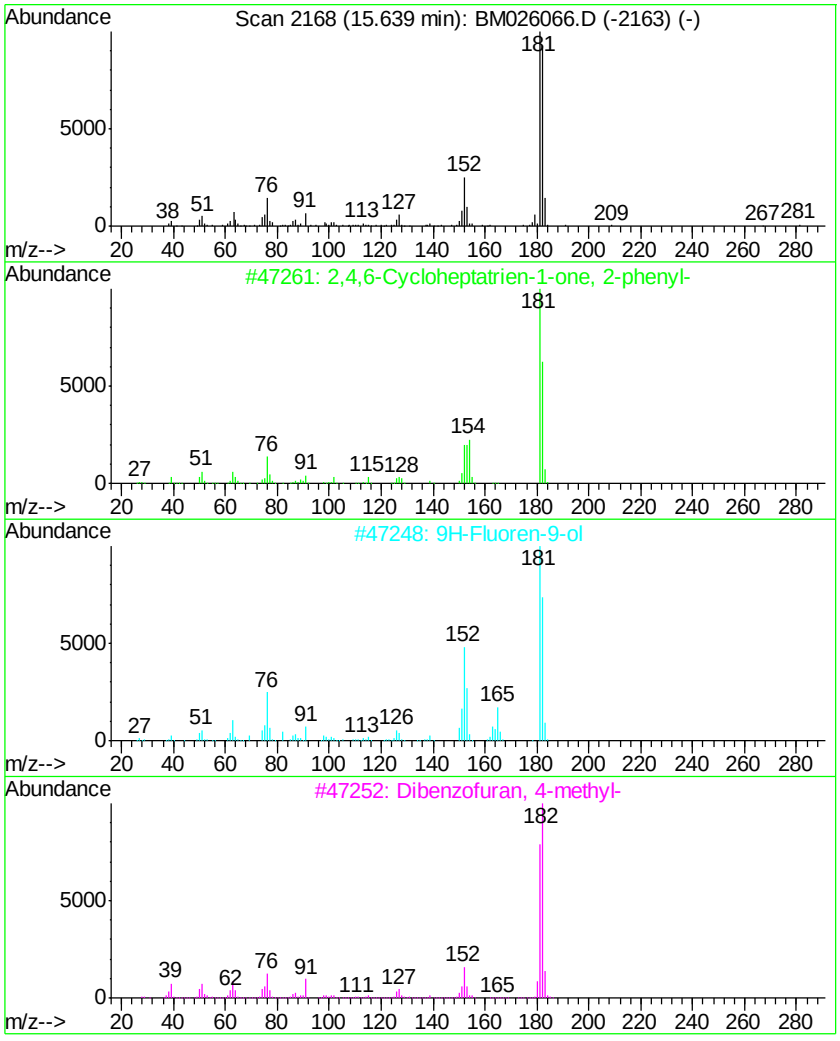
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

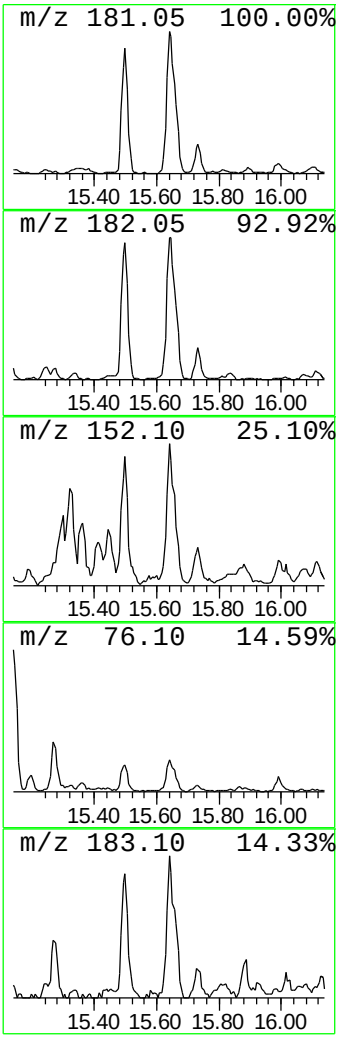
****

Peak Number 5 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.09 ng/ul	365929	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

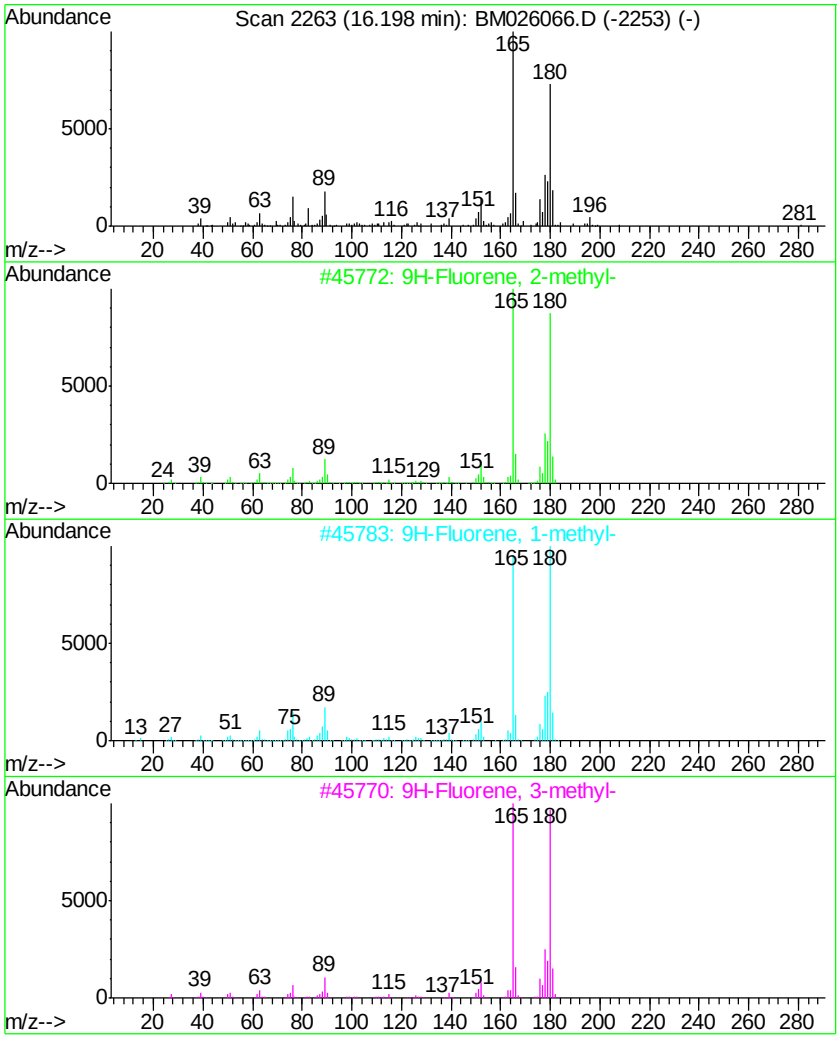
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

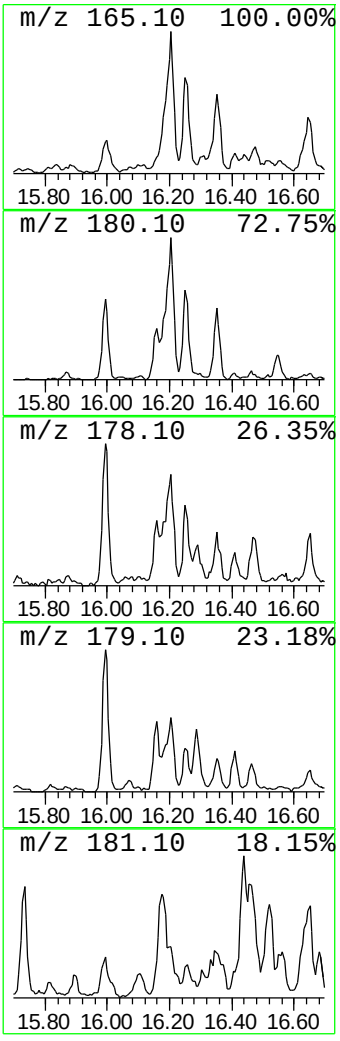
****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.85 ng/ul	336889	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

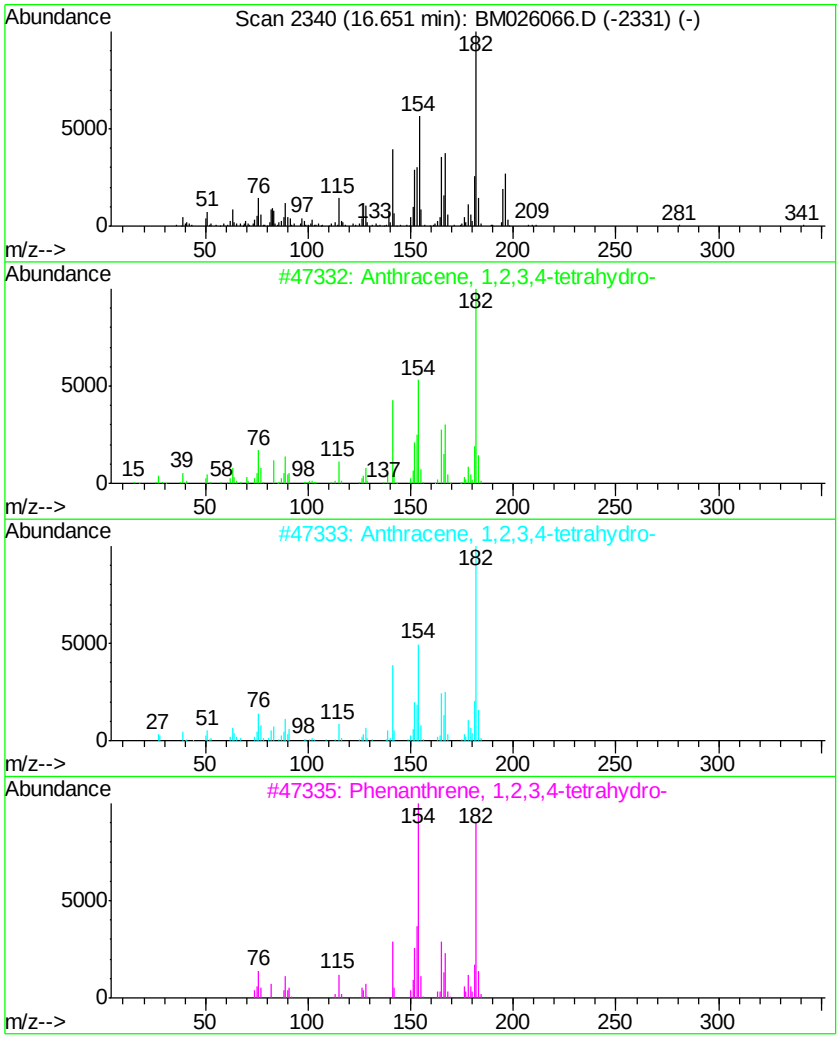
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

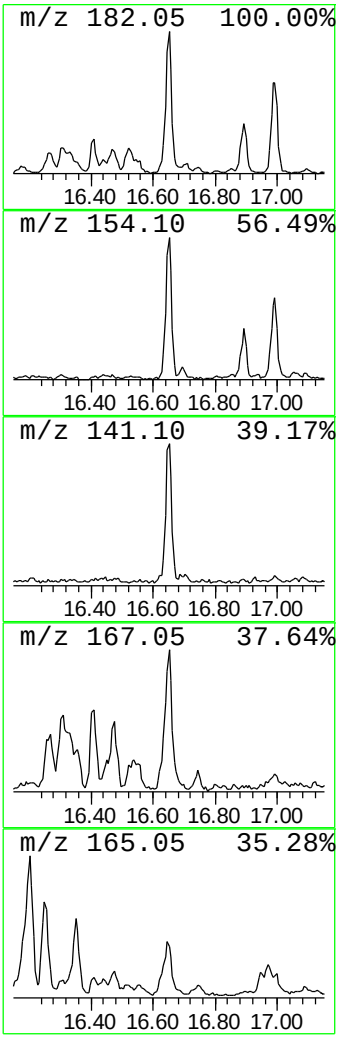
****

Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.40 ng/ul	402594	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	58
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

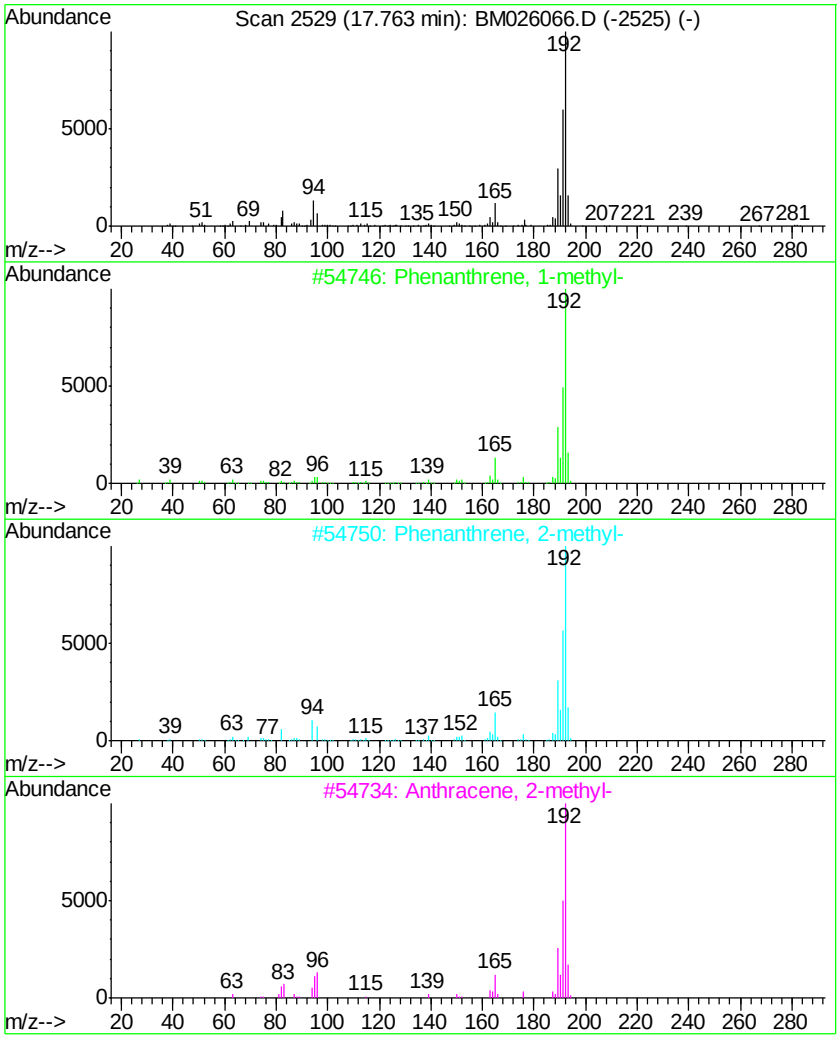
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

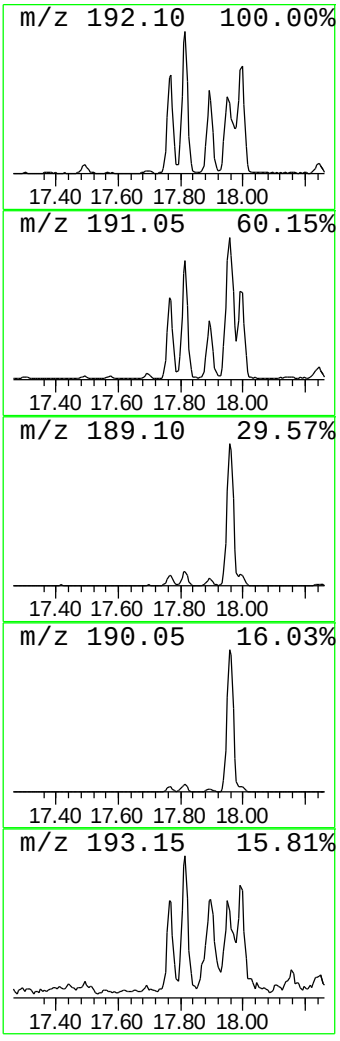
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.13 ng/ul	251722	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

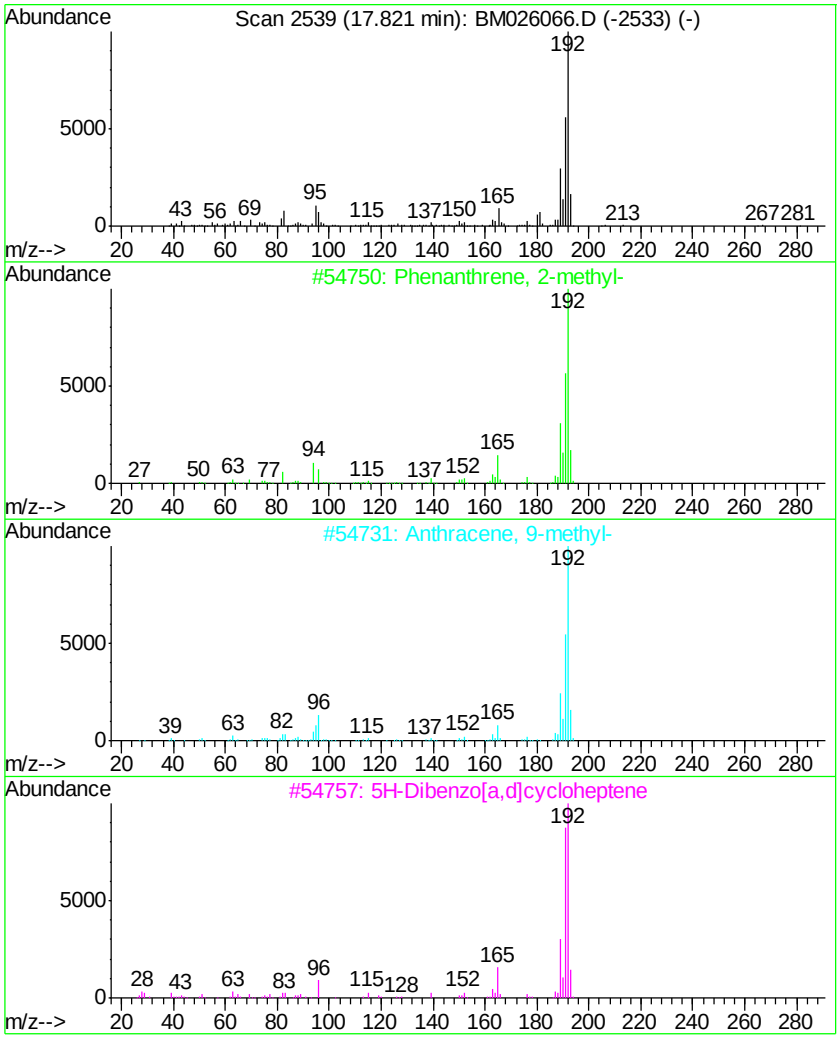
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

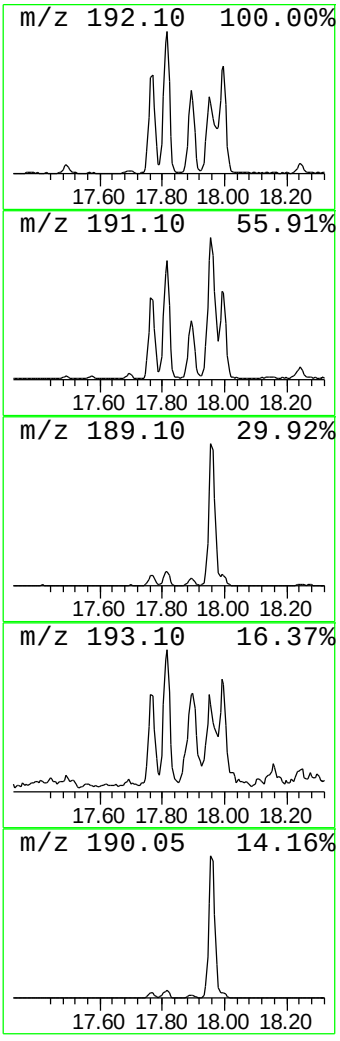
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.49 ng/ul	413022	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

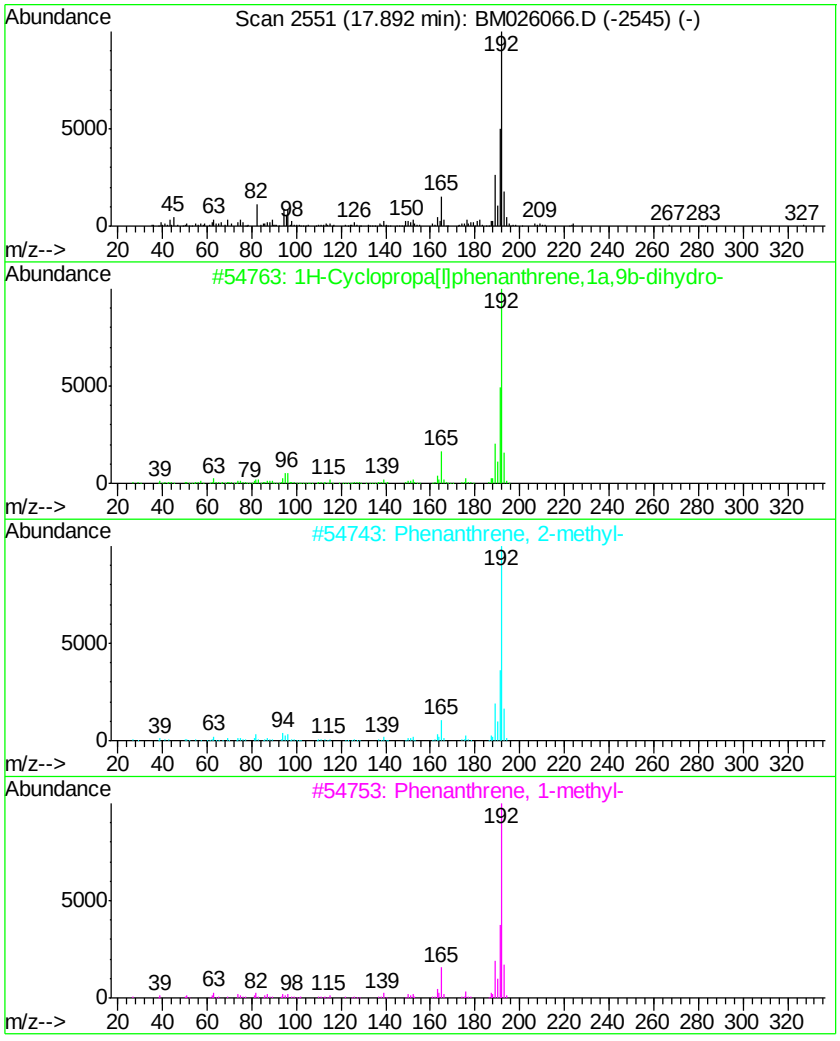
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

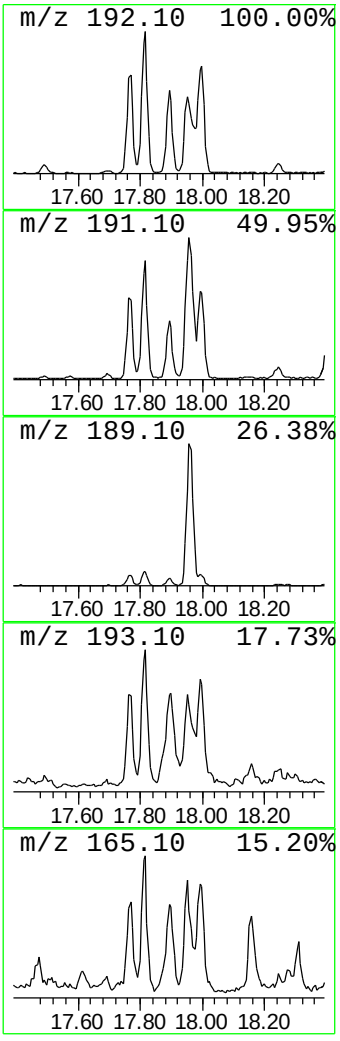
****

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.34 ng/ul	277596	Phenanthrene-d10	16.89

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

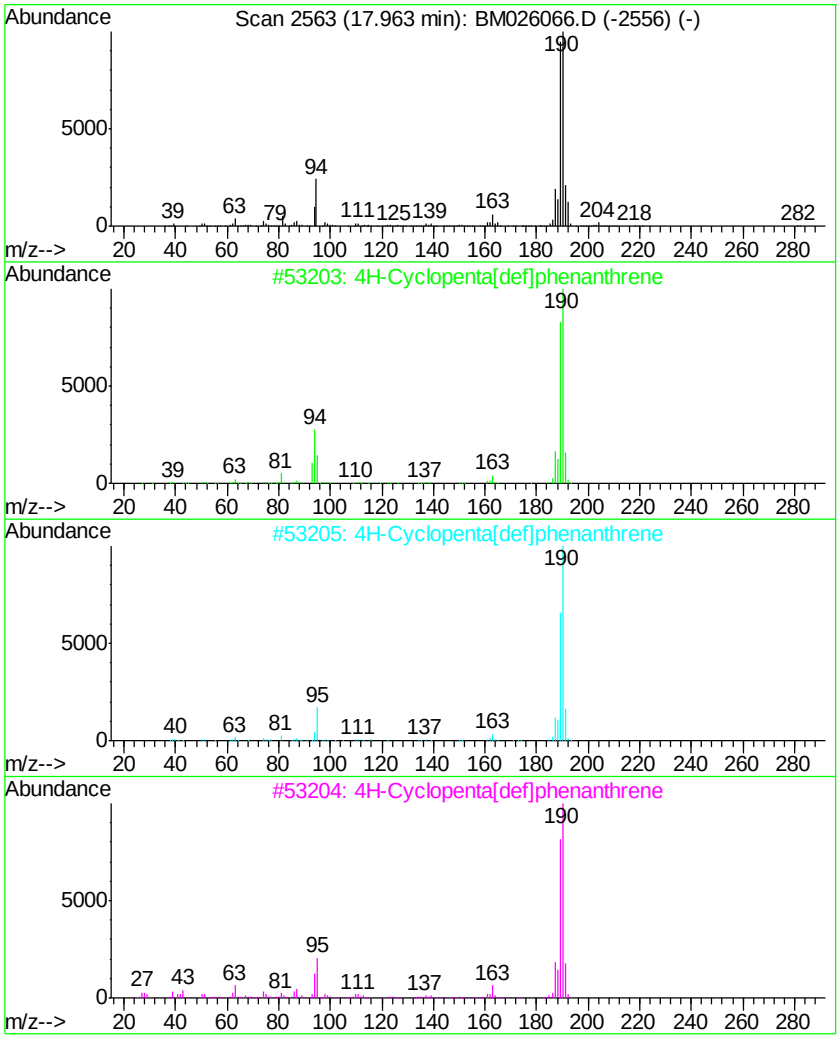
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

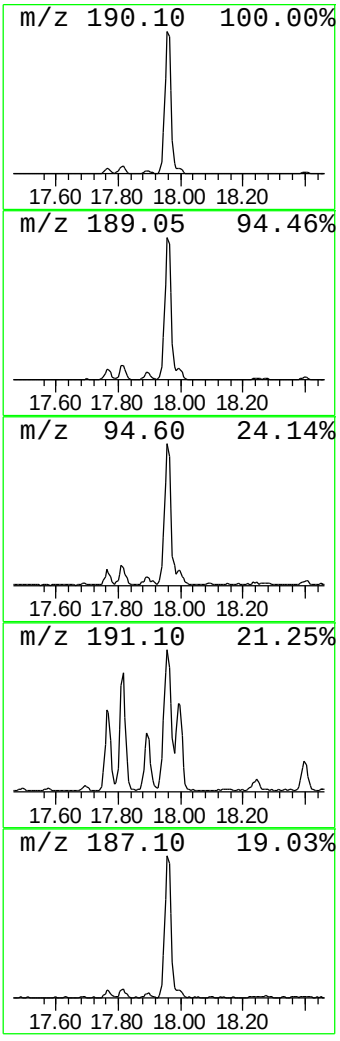
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	11.49 ng/ul	1360080	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

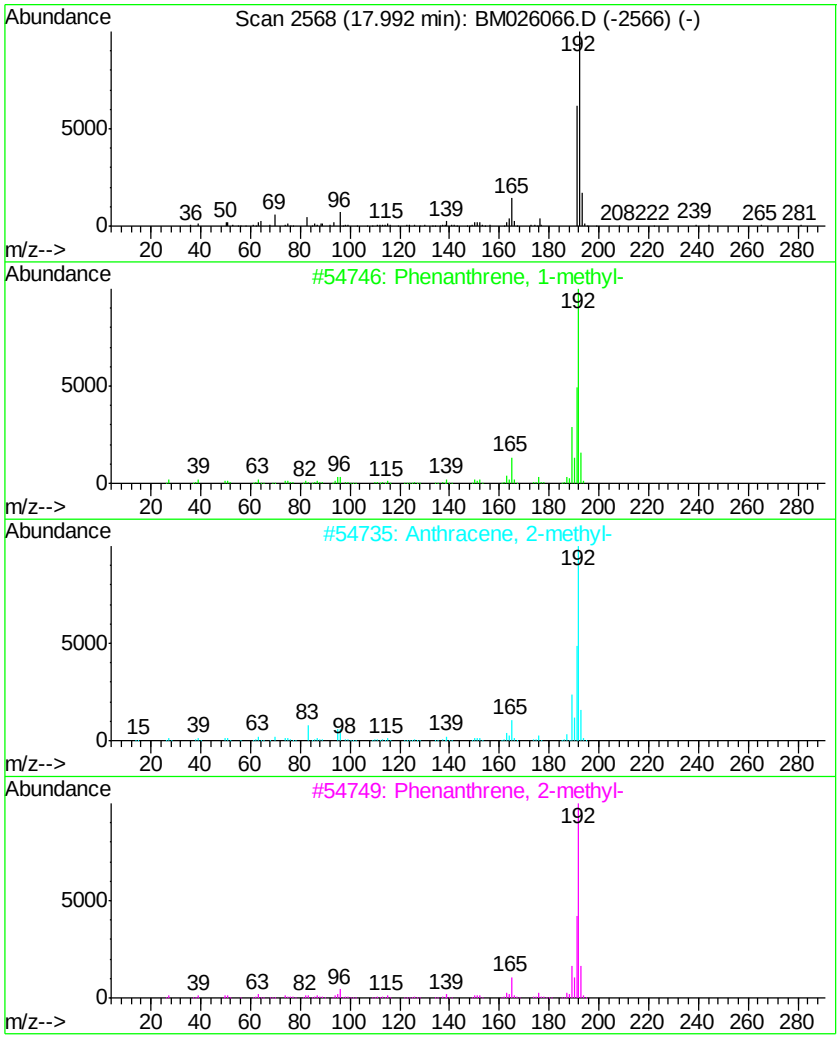
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

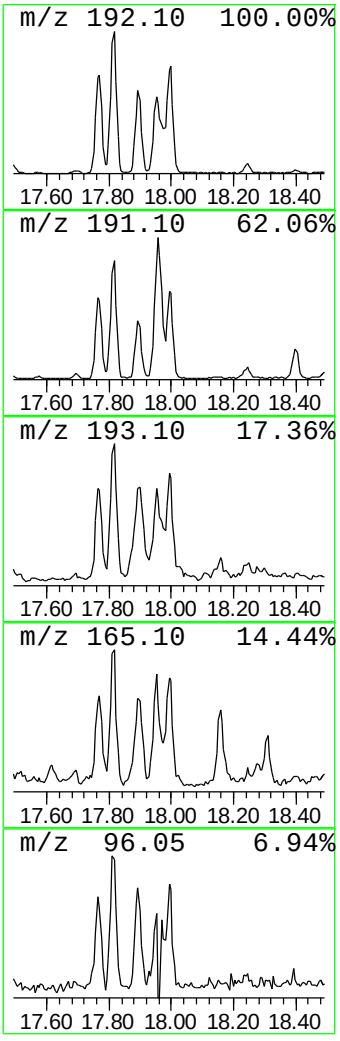
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.15 ng/ul	254688	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

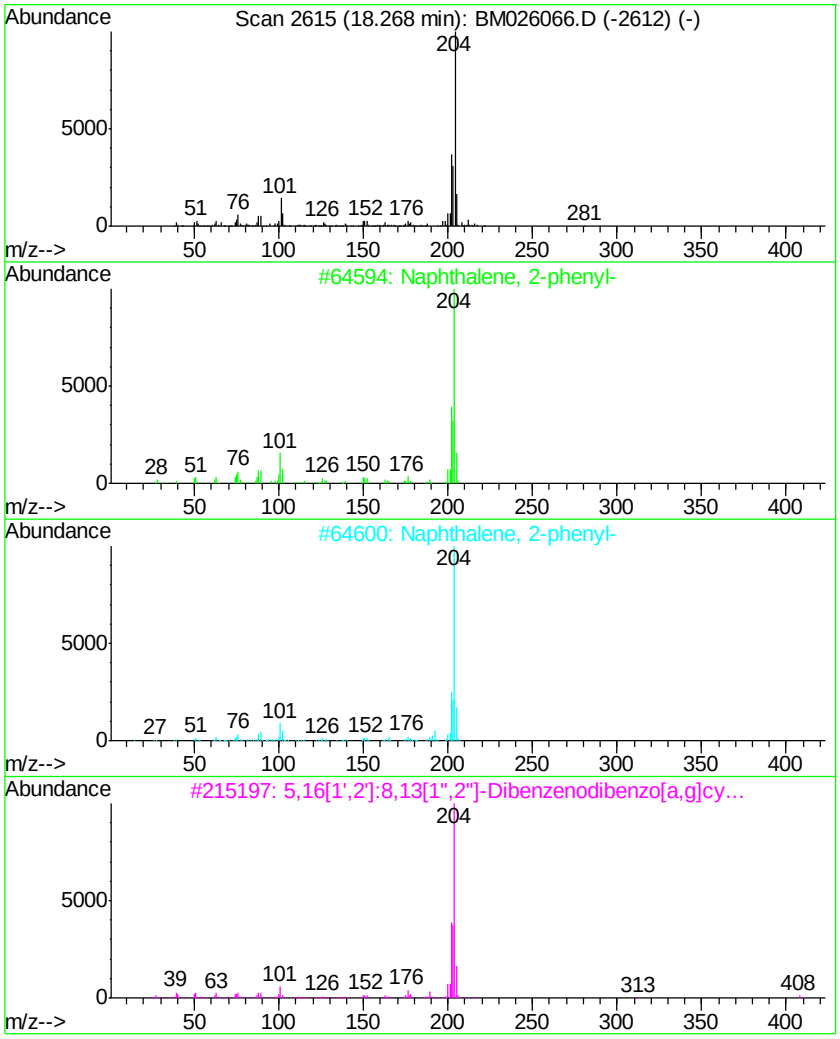
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

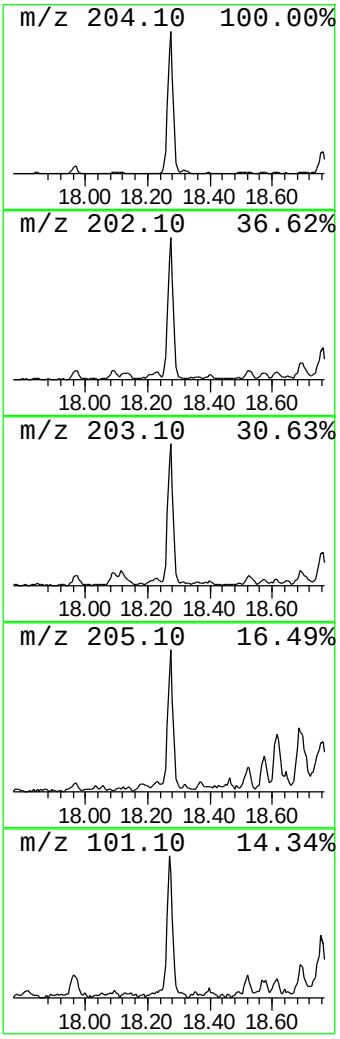
****

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.93 ng/ul	346825	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

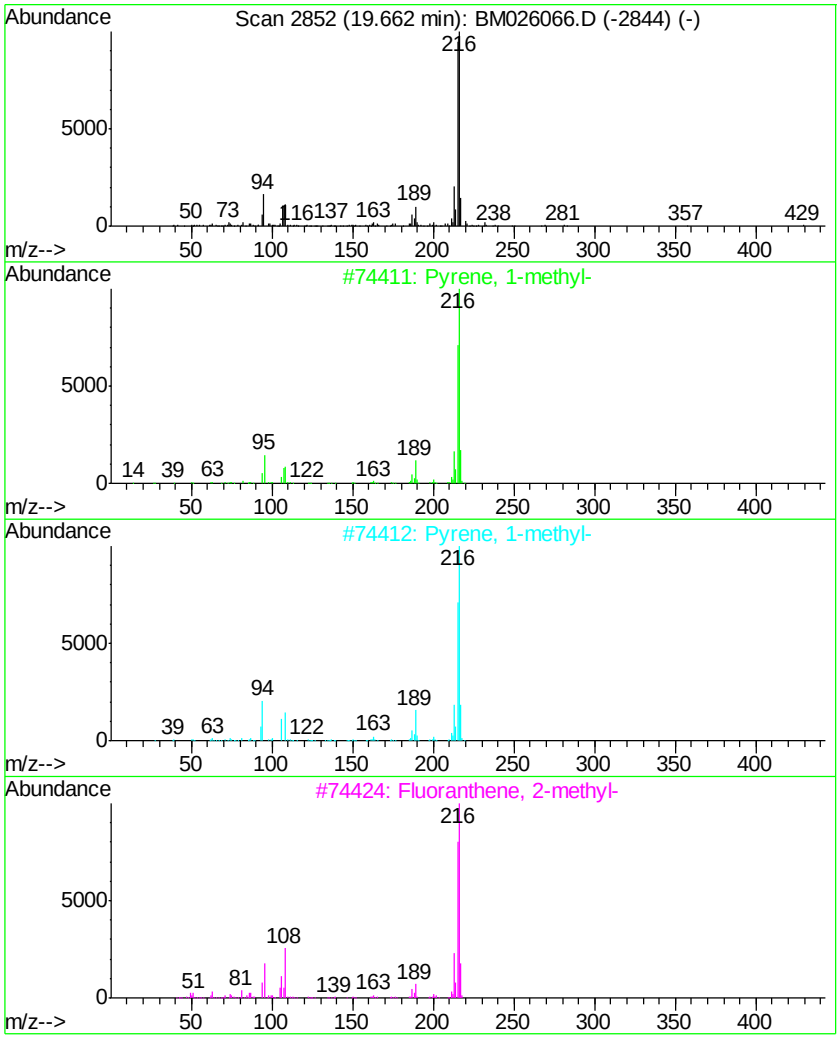
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

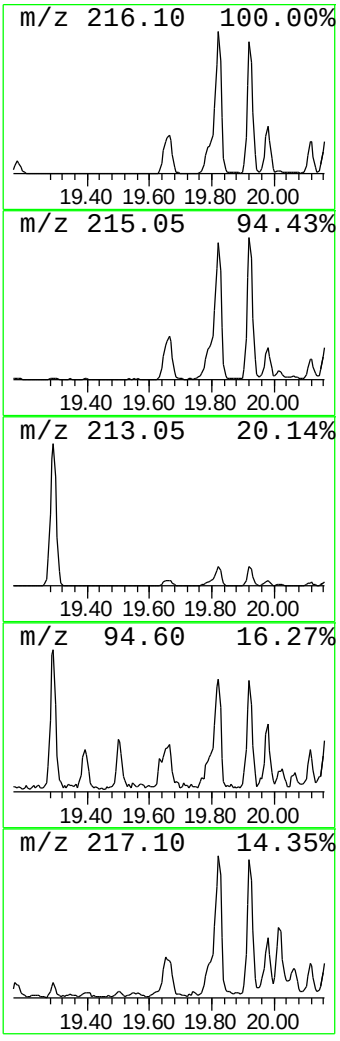
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.10 ng/ul	419153	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

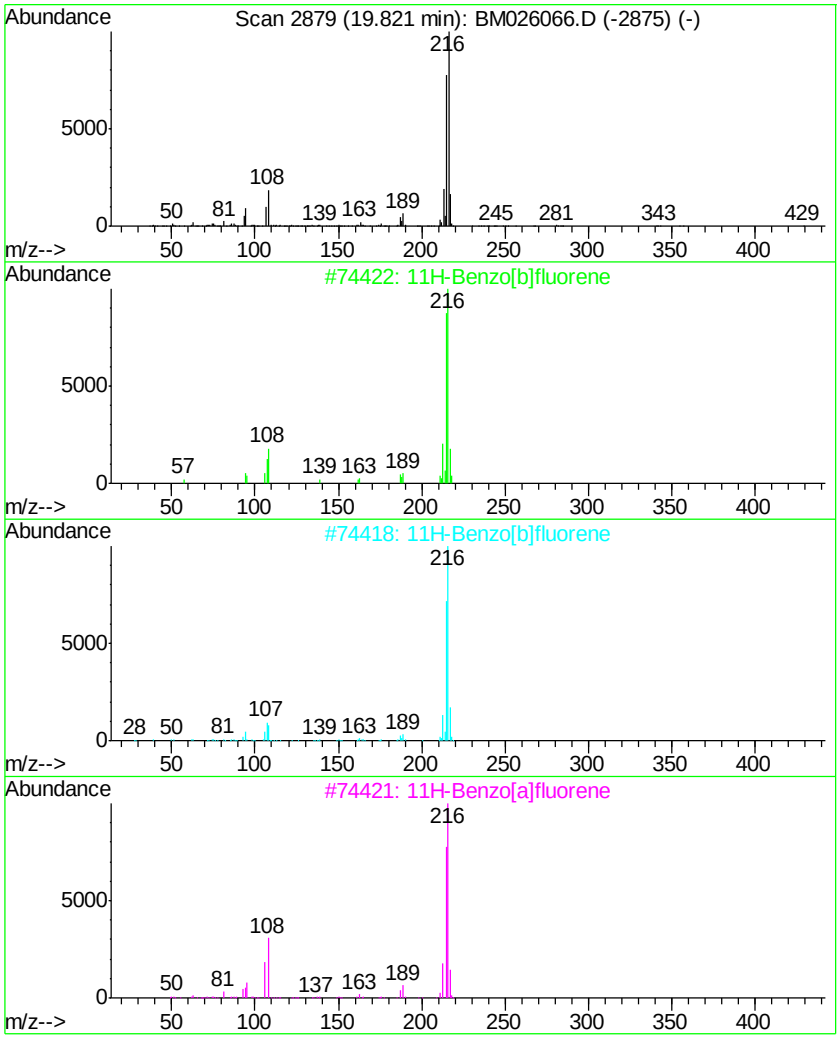
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

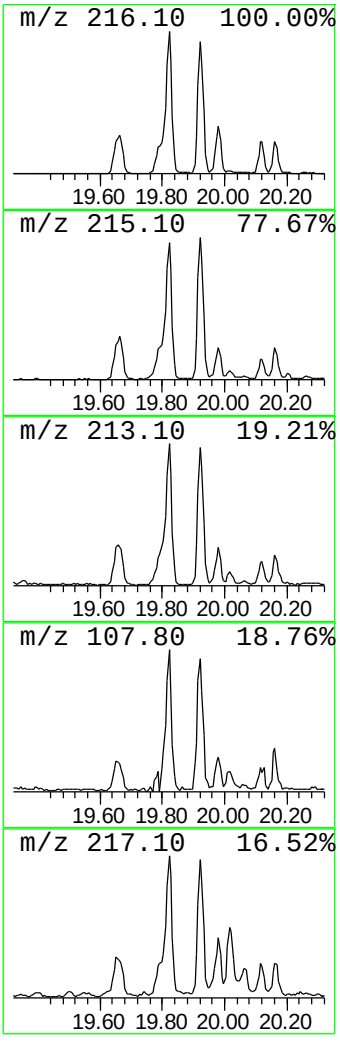
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.68 ng/ul	733181	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

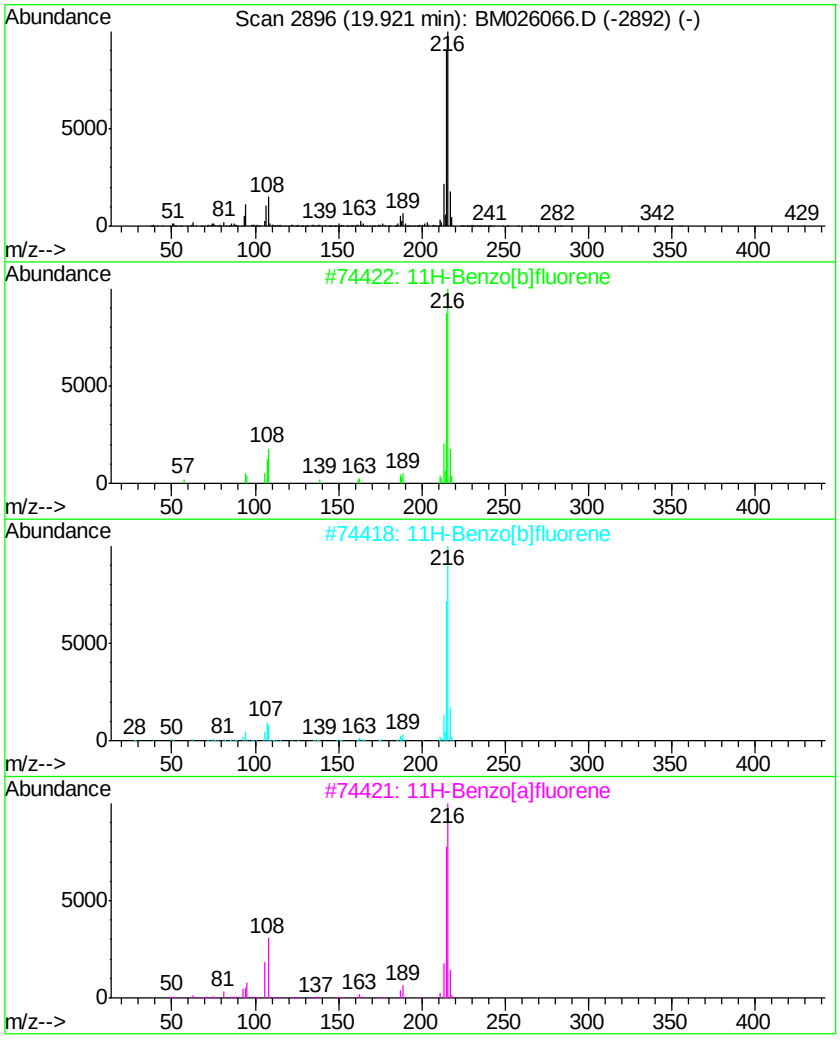
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

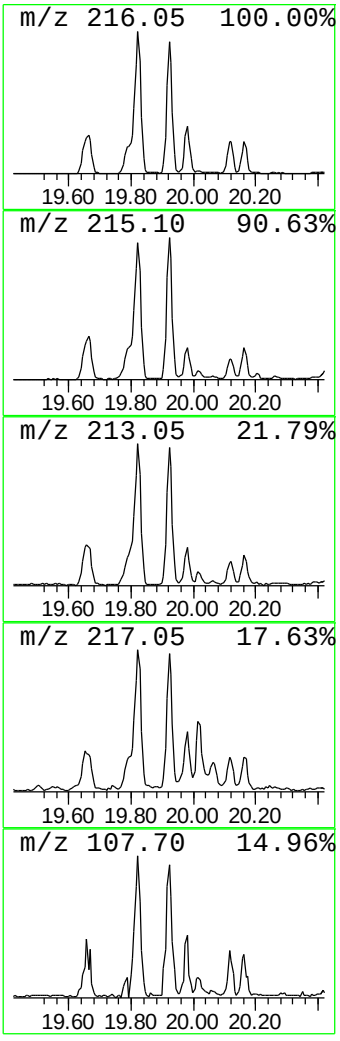
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.40 ng/ul	676445	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
Indane	7.87	3.9	ng/ul	201755	1	7.50	1039690	20.0
Naphthalene, 1-me...	12.16	3.0	ng/ul	233115	2	10.26	1537460	20.0
9H-Fluorene, 9-me...	15.36	2.7	ng/ul	262926	3	14.14	1974540	20.0
Dibenzofuran, 4-m...	15.50	2.9	ng/ul	286973	3	14.14	1974540	20.0
2,4,6-Cycloheptat...	15.64	3.1	ng/ul	365929	4	16.89	2368280	20.0
9H-Fluorene, 2-me...	16.20	2.9	ng/ul	336889	4	16.89	2368280	20.0
Anthracene, 1,2,3...	16.65	3.4	ng/ul	402594	4	16.89	2368280	20.0
Phenanthrene, 1-m...	17.76	2.1	ng/ul	251722	4	16.89	2368280	20.0
Phenanthrene, 2-m...	17.82	3.5	ng/ul	413022	4	16.89	2368280	20.0
1H-Cyclopropa[l]p...	17.89	2.3	ng/ul	277596	4	16.89	2368280	20.0
4H-Cyclopenta[def...	17.96	11.5	ng/ul	1360080	4	16.89	2368280	20.0
Anthracene, 2-met...	17.99	2.1	ng/ul	254688	4	16.89	2368280	20.0
Naphthalene, 2-ph...	18.27	2.9	ng/ul	346825	4	16.89	2368280	20.0
Pyrene, 1-methyl-	19.66	2.1	ng/ul	419153	5	21.09	3984800	20.0
11H-Benzo[a]fluorene	19.82	3.7	ng/ul	733181	5	21.09	3984800	20.0
11H-Benzo[b]fluorene	19.92	3.4	ng/ul	676445	5	21.09	3984800	20.0