LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	4.675	283	287	289	rBV	27856	36133	1.21%	0.088%
2	6.722	629	635	648	rBV2	210507	485563	16.26%	1.186%
3	6.869	655	660	668	rBV	166517	282221	9.45%	0.689%
4	7.057	687	692	702	rBV	269563	465744	15.59%	1.138%
5	7.516	764	770	781	rBV	427307	712534	23.86%	1.741%
6	8.245	888	894	908	rBV2	260344	515456	17.26%	1.259%
7	8.681	960	968	981	rBV	239115	457455	15.32%	1.118%
8	9.398	1084	1090	1098	rBV2	207233	407272	13.64%	0.995%
9	9.939	1176	1182	1199	rBV	243942	553068	18.52%	1.351%
10	10.286	1234	1241	1247	rBV	583198	979219	32.79%	2.392%
11	10.333	1247	1249	1256	rVB3	39452	65130	2.18%	0.159%
12	10.457	1263	1270	1287	rBV	171794	425544	14.25%	1.040%
13	11.975	1521	1528	1533	rBV3	22374	44403	1.49%	0.108%
14	12.192	1559	1565	1571	rBV2	30378	58693	1.97%	0.143%
15	13.339	1753	1760	1768	rBV8	20632	54604	1.83%	0.133%
16	13.492	1779	1786	1791	rBV3	46950	81739	2.74%	0.200%
17	13.551	1791	1796	1799	rVV3	28332	40399	1.35%	0.099%
18	13.598	1799	1804	1809	rVV	548230	798211	26.73%	1.950%
19	13.645	1809	1812	1819	rVB	141202	203067	6.80%	0.496%
20	13.869	1843	1850	1862	rBV2	648155	1153127	38.61%	2.817%
21	14.080	1881	1886	1893	rBV4	22462	31328	1.05%	0.077%
22	14.174	1893	1902	1909	rBV2	817107	1243720	41.64%	3.038%
23	14.239	1909	1913	1919	rVB	101486	140809	4.71%	0.344%
24	14.468	1946	1952	1965	rBV5	84069	274291	9.18%	0.670%
25	14.586	1967	1972	1979	rVV	137375	232178	7.77%	0.567%
26	14.663	1980	1985	1990	rVB7	23306	44870	1.50%	0.110%
27	14.804	2004	2009	2014	rVB3	22279	36973	1.24%	0.090%
28	15.039	2045	2049	2056	rVB4	36949	62499	2.09%	0.153%
29	15.180	2067	2073	2078	rBV2	799219	1135646	38.02%	2.774%
30	15.233	2078	2082	2096	rVB	147505	266262	8.92%	0.650%
31	15.351	2096	2102	2108	rBV5	114120	223663	7.49%	0.546%
32	15.539	2128	2134	2143	rVB2	69603	144274	4.83%	0.352%
33	15.686	2149	2159	2166	rBV3	75804	176002	5.89%	0.430%
34	15.768	2169	2173	2178	rVB4	21140	34140	1.14%	0.083%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	15.904	2193	2196	2204	rVB6	37963	74691	2.50%	0.182%
36	16.251	2247	2255	2259	rBV6	42177	84670	2.83%	0.207%
37	16.292	2259	2262	2267	rVB6	20456	30536	1.02%	0.075%
38	16.474	2290	2293	2297	rBV4	36570	53689	1.80%	0.131%
39	16.510	2297	2299	2303	rVB3	31460	35019	1.17%	0.086%
40	16.604	2310	2315	2322	rVB	100748	149517	5.01%	0.365%
41	16.674	2322	2327	2328	rBV4	45398	62287	2.09%	0.152%
42	16.757	2337	2341	2351	rVB	111226	181956	6.09%	0.445%
43	16.939	2365	2372	2375	rBV	1015227	1405852	47.07%	3.435%
44	16.980	2375	2379	2384	rVV	2157125	2922524	97.85%	7.140%
45	17.039	2384	2389	2392	rVV2	840455	1227821	41.11%	3.000%
46	17.074	2392	2395	2400	rVB	329148	449182	15.04%	1.097%
47	17.357	2435	2443	2451	rBV2	95206	231533	7.75%	0.566%
48	17.462	2457	2461	2469	rBV2	40524	61904	2.07%	0.151%
49	17.815	2515	2521	2524	rBV	212244	293853	9.84%	0.718%
50	17.862	2524	2529	2535	rVB	265761	451925	15.13%	1.104%
51	17.945	2538	2543	2548	rVV2	83071	118475	3.97%	0.289%
52	18.009	2548	2554	2558	rVV2	246274	443295	14.84%	1.083%
53	18.045	2558	2560	2565	rVB	132525	169988	5.69%	0.415%
54	18.133	2570	2575	2578	rBV5	29978	42601	1.43%	0.104%
55	18.180	2578	2583	2586	rBV6	28209	35523	1.19%	0.087%
56	18.321	2602	2607	2612	rBV	163507	212793	7.12%	0.520%
57	18.380	2612	2617	2625	rVB	148882	215435	7.21%	0.526%
58	18.574	2647	2650	2654	rVB5	37642	48958	1.64%	0.120%
59	18.621	2656	2658	2661	rVB4	41226	41646	1.39%	0.102%
60	18.662	2661	2665	2671	rVB6	43382	61203	2.05%	0.150%
61	18.745	2674	2679	2682	rVV	87116	130670	4.38%	0.319%
62	18.809	2686	2690	2692	rVV5	60663	98028	3.28%	0.239%
63	18.839	2693	2695	2698	rVV	44236	42754	1.43%	0.104%
64	18.898	2698	2705	2711	rVB3	113419	220441	7.38%	0.539%
65	19.009	2717	2724	2731	rBV	2313511	2986663	100.00%	7.297%
66	19.074	2732	2735	2739	rVV4	22130	32066	1.07%	0.078%
67	19.115	2739	2742	2746	rBV4	43434	65406	2.19%	0.160%
68	19.162	2747	2750	2755	rVB	94836	120736	4.04%	0.295%
69	19.251	2757	2765	2769	rBV3	78590	178133	5.96%	0.435%
70	19.345	2776	2781	2784	rBV	1279572	1974826	66.12%	4.825%
71	19.374	2784	2786	2795	rVV	1813421	2281471	76.39%	5.574%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

72	19.451	2795	2799	2807	rVB2	100437	165151	5.53%	0.403%
73	19.562	2814	2818	2823	rVB	109417	151113	5.06%	0.369%
74	19.627	2825	2829	2835	rVB	78752	125568	4.20%	0.307%
75	19.703	2837	2842	2850	rBV5	112609	275435	9.22%	0.673%
76	19.850	2861	2867	2868	rBV4	99264	162629	5.45%	0.397%
77	19.880	2869	2872	2876	rVB	152702	210775	7.06%	0.515%
78	19.980	2885	2889	2893	rBV3	64945	99885	3.34%	0.244%
79	20.039	2893	2899	2903	rVV3	159097	300735	10.07%	0.735%
80	20.074	2903	2905	2909	rVB5	42084	46946	1.57%	0.115%
81	20.174	2919	2922	2926	rBV	91775	118823	3.98%	0.290%
82	20.221	2927	2930	2935	rVB4	94826	133047	4.45%	0.325%
83	20.639	2997	3001	3006	rBV	188845	271302	9.08%	0.663%
84	20.797	3024	3028	3031	rBV2	133929	200665	6.72%	0.490%
85	20.833	3031	3034	3037	rVV	163881	183803	6.15%	0.449%
86	20.874	3037	3041	3047	rVV3	157105	348232	11.66%	0.851%
87	20.939	3048	3052	3057	rVB	179376	257872	8.63%	0.630%
88	21.068	3071	3074	3077	rVB	91790	95161	3.19%	0.232%
89	21.150	3081	3088	3092	rVV2	1443260	2886731	96.65%	7.052%
90	21.186	3092	3094	3105	rVB	733389	905527	30.32%	2.212%
91	21.303	3111	3114	3118	rBV3	101932	129304	4.33%	0.316%
92	21.692	3178	3180	3185	rVB	129740	152237	5.10%	0.372%
93	22.686	3343	3349	3353	rBV2	482381	1046380	35.04%	2.556%
94	23.139	3422	3426	3430	rBV	240532	400779	13.42%	0.979%
95	23.191	3430	3435	3439	rVV2	668975	1151914	38.57%	2.814%
96	23.233	3439	3442	3451	rVB	486491	764253	25.59%	1.867%
97	23.327	3452	3458	3463	rBV	717183	1244163	41.66%	3.040%

Sum of corrected areas: 40932737

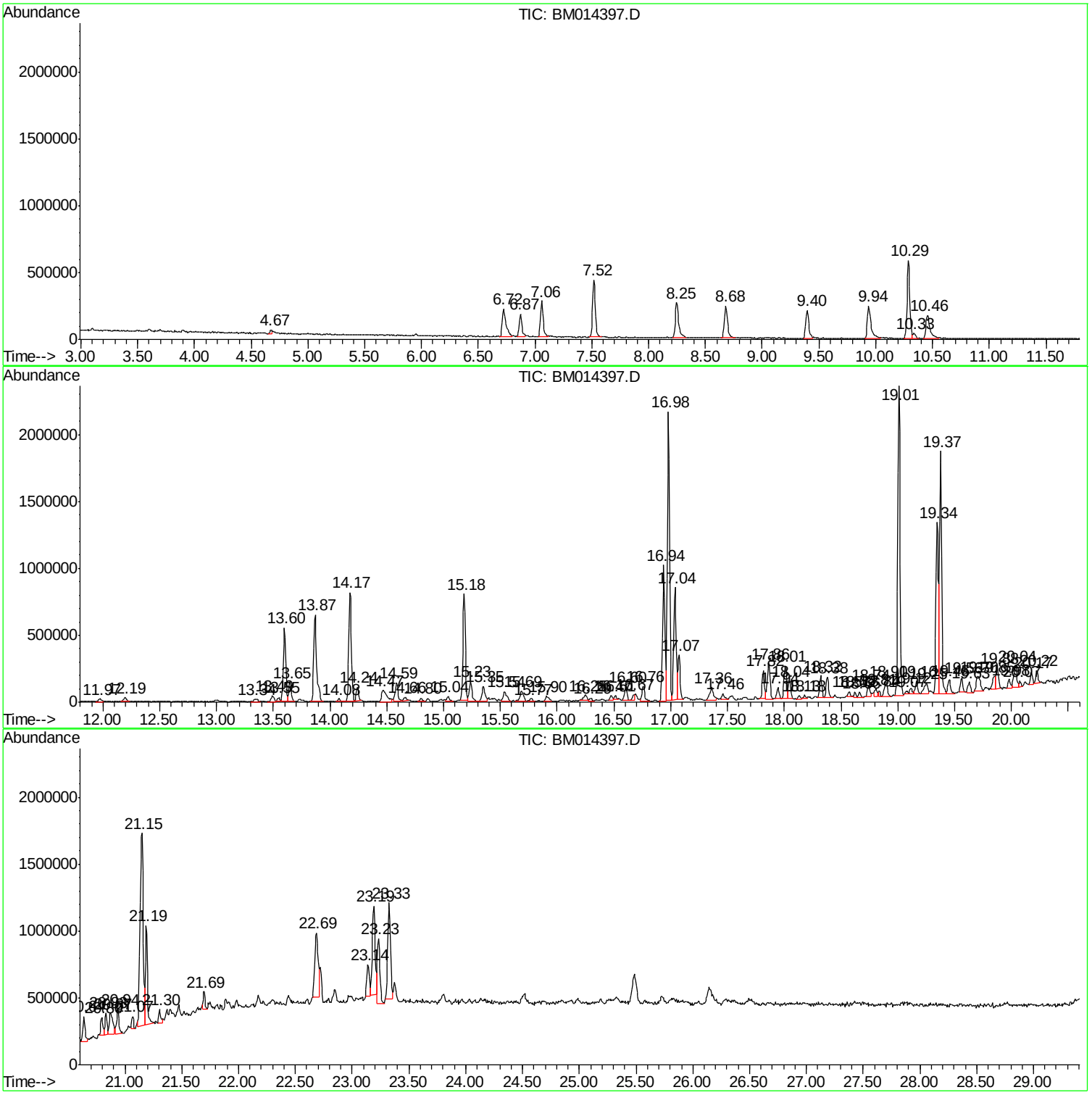
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

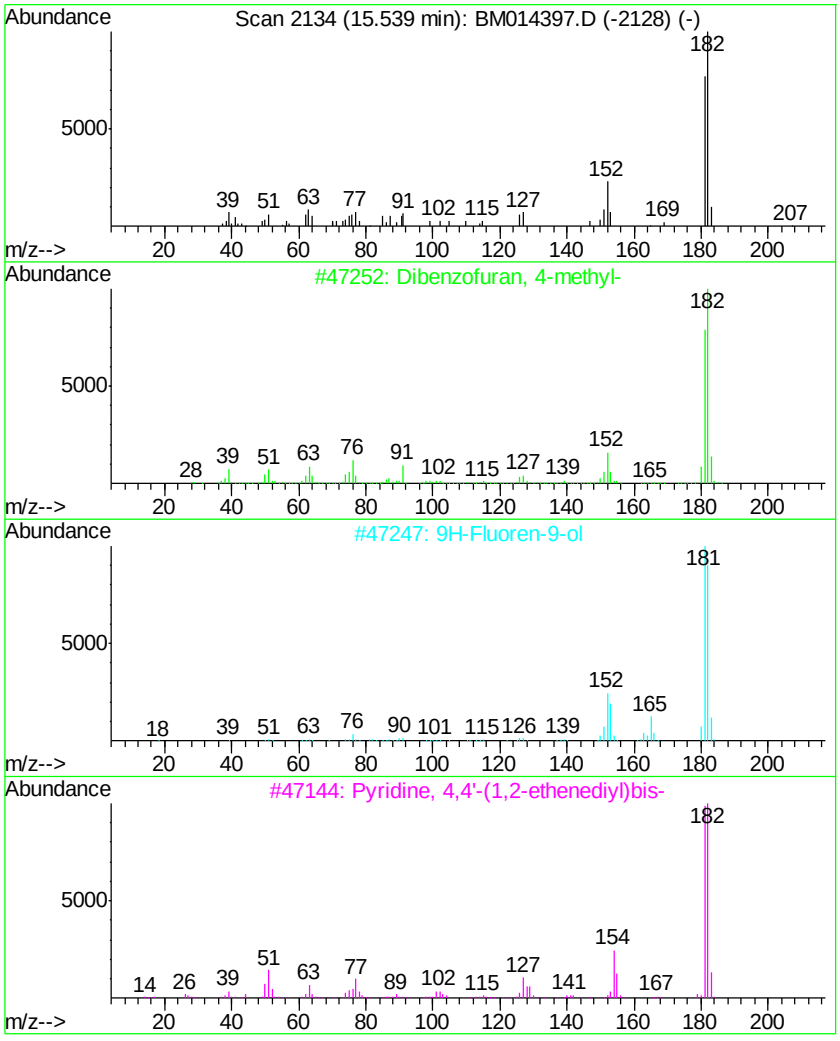
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

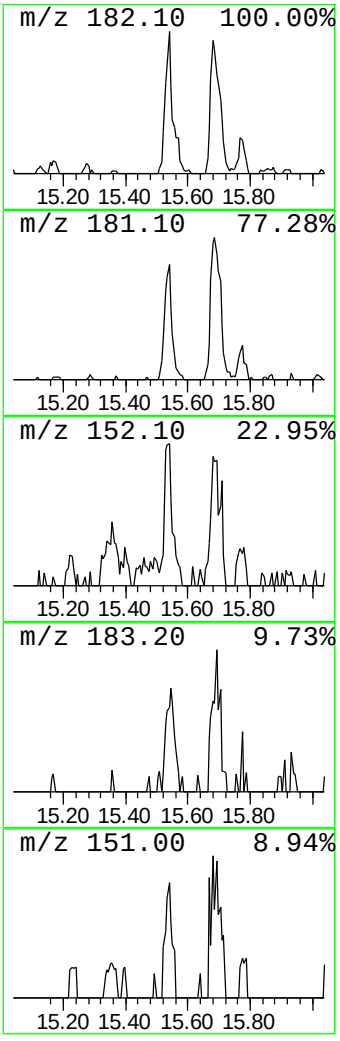
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.32 ng/ul	144274	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	60





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

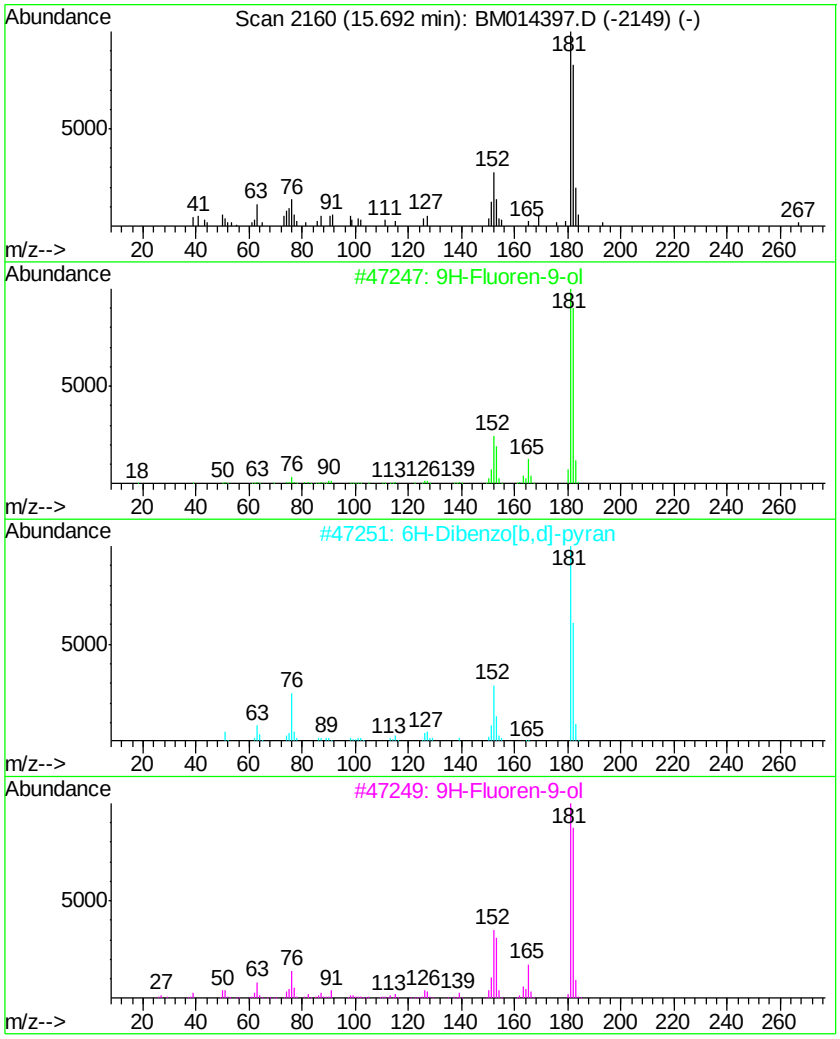
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

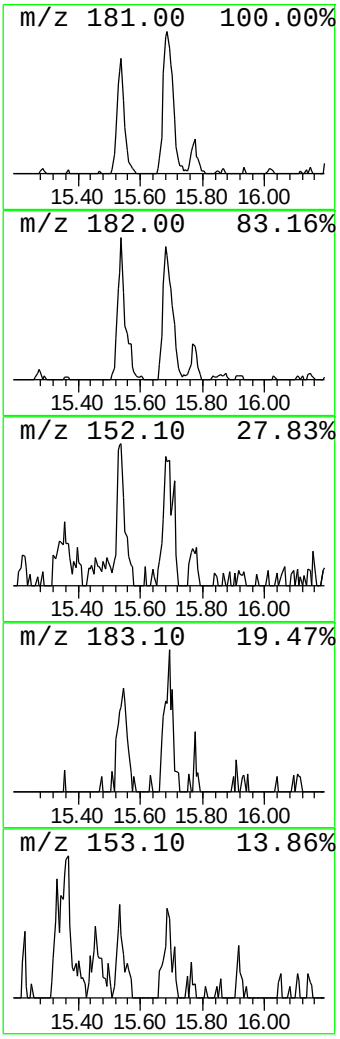
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.50 ng/ul	176002	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

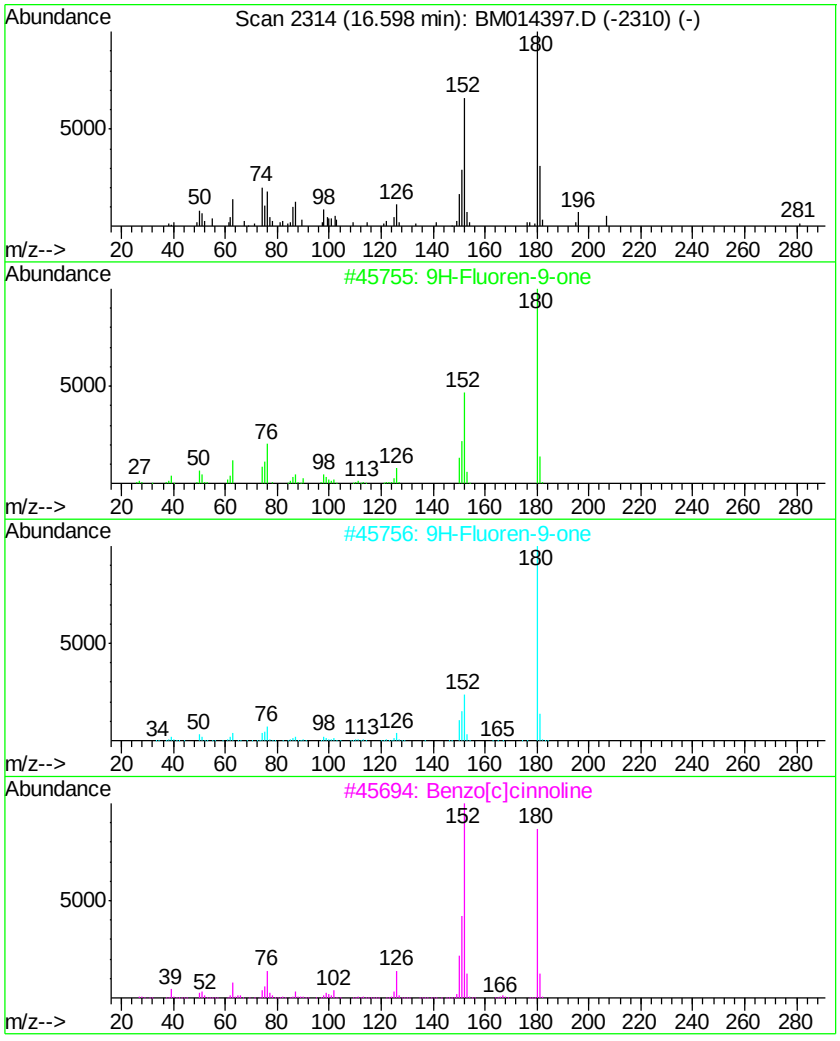
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

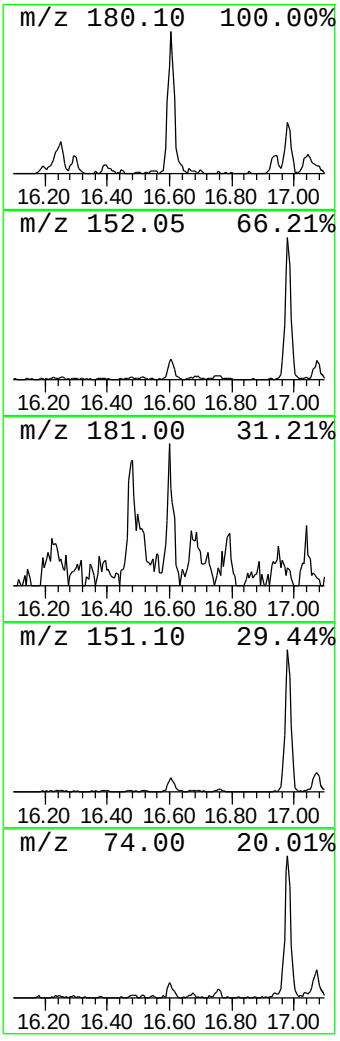
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.13 ng/ul	149517	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5	Diphenic anhydride	224	C14H8O3	006050-13-1	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

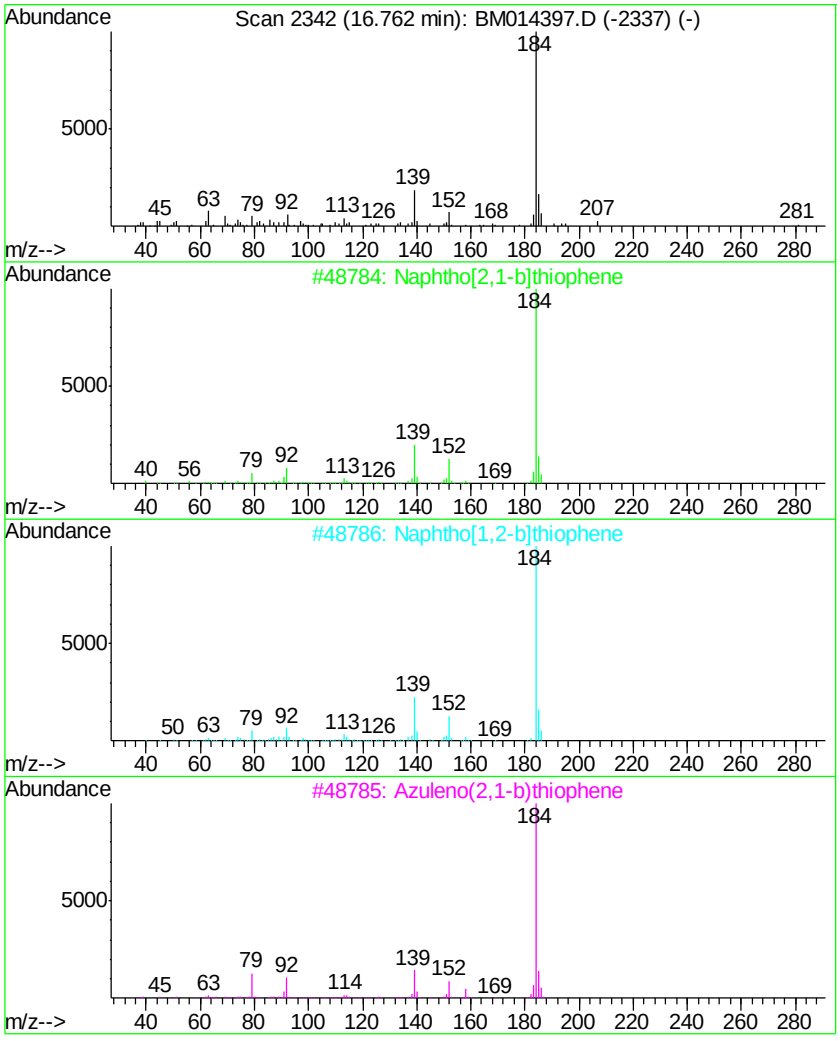
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

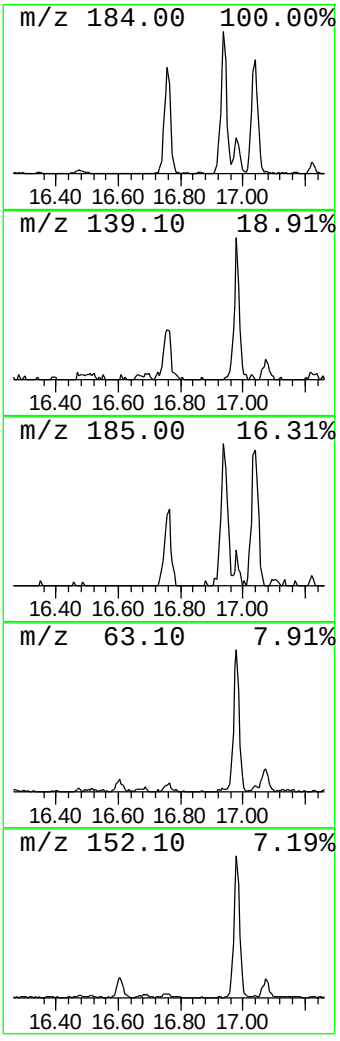
****

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.59 ng/ul	181956	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

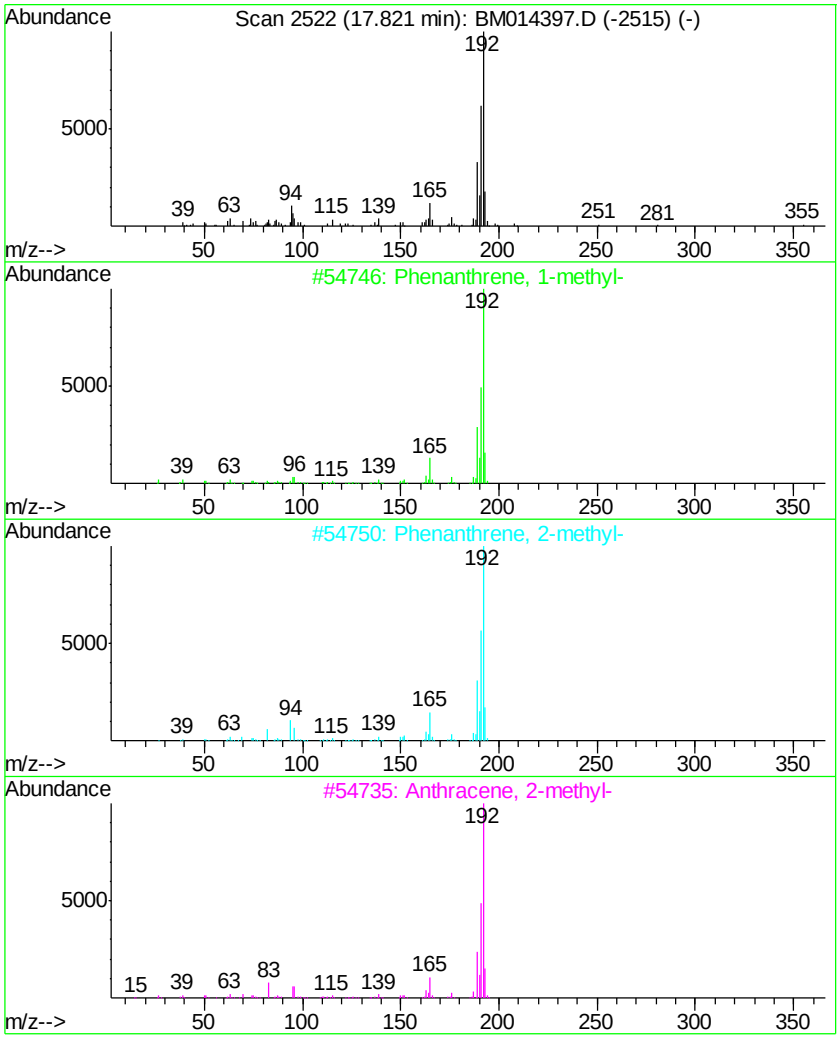
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

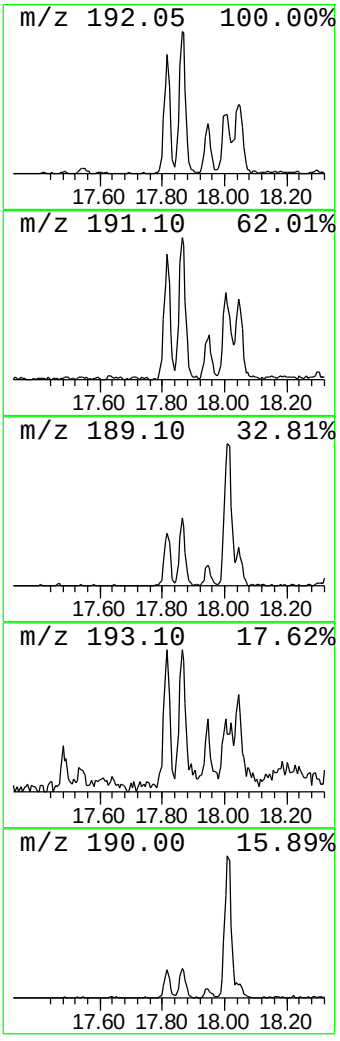
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.18 ng/ul	293853	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

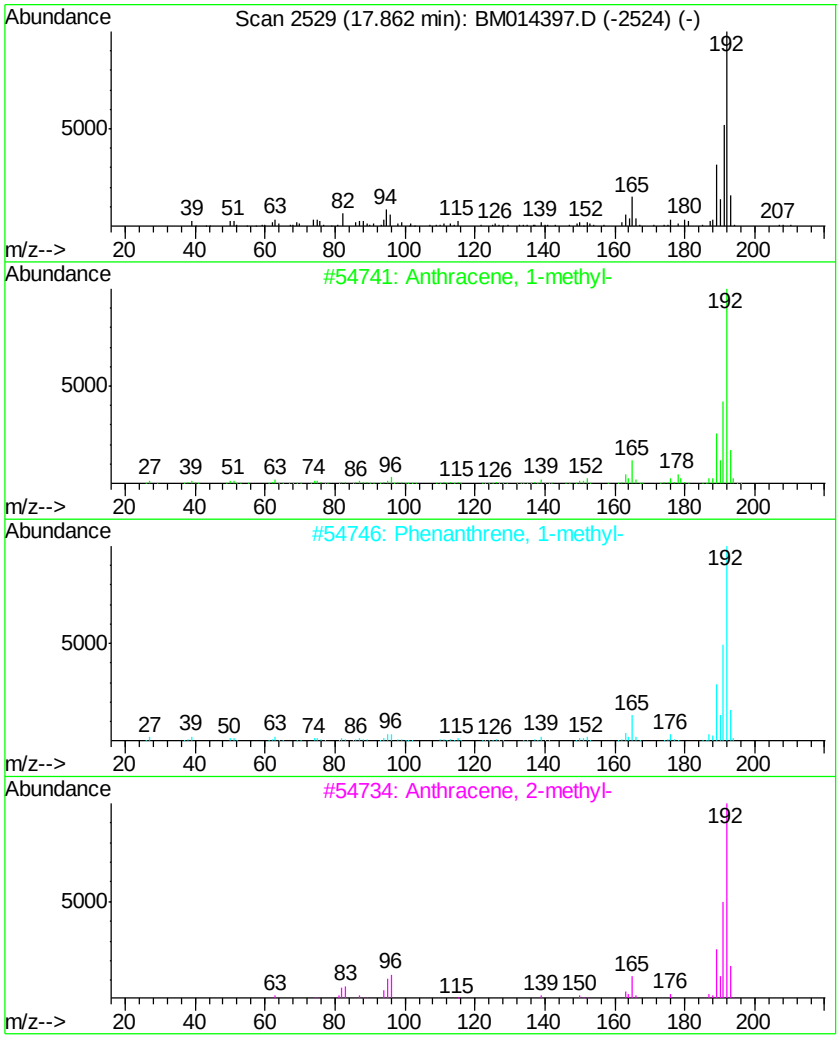
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

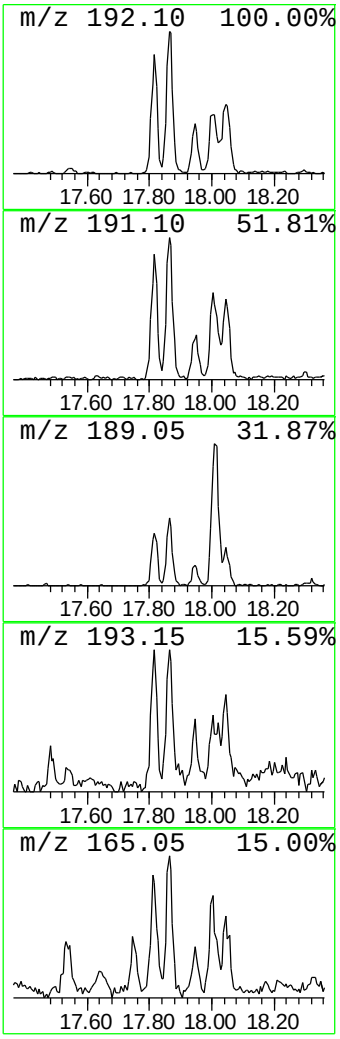
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.43 ng/ul	451925	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

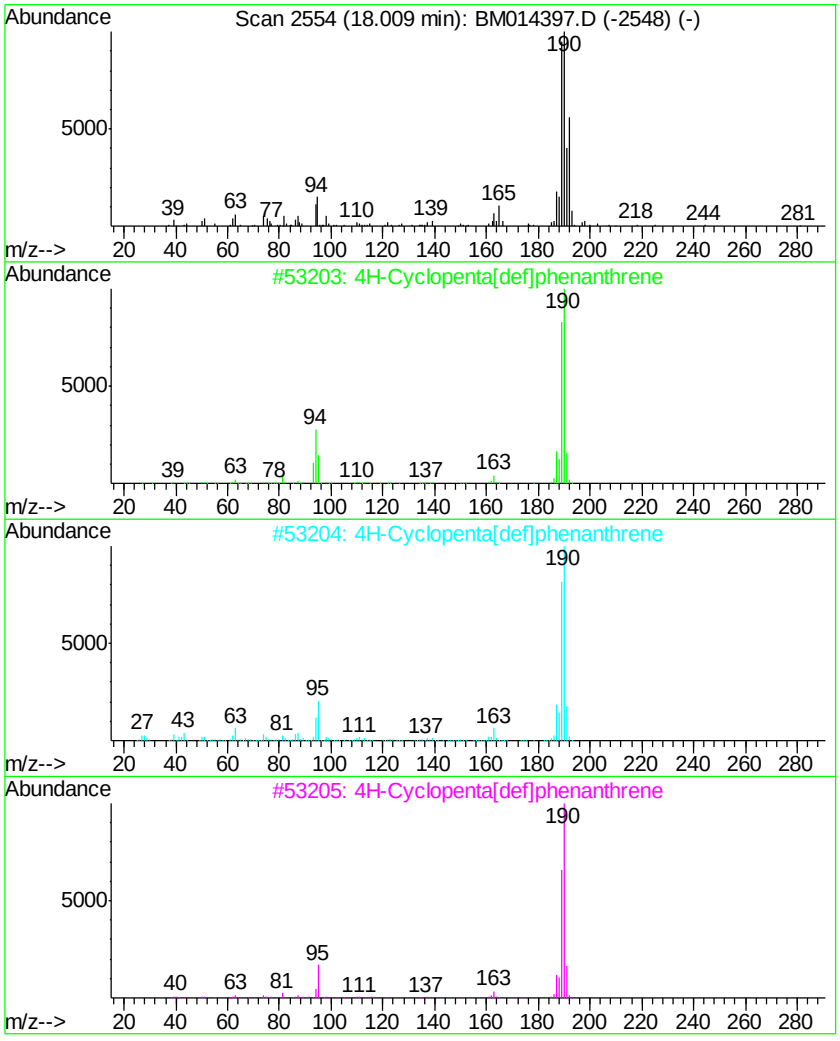
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

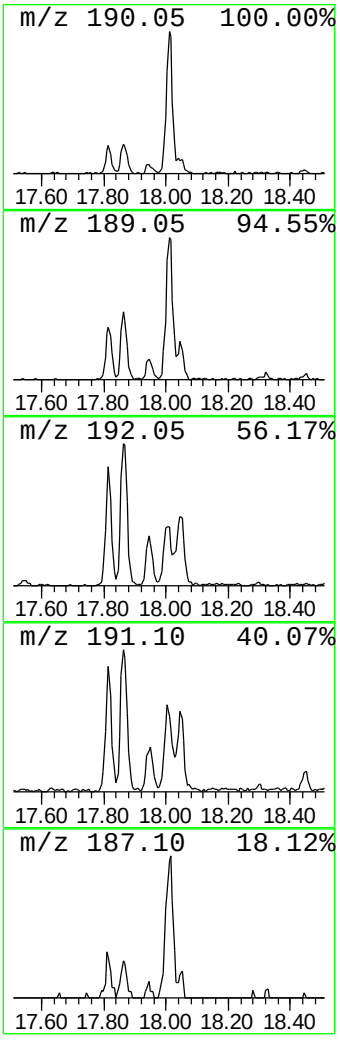
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.31 ng/ul	443295	Phenanthrene-d10	16.94

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	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

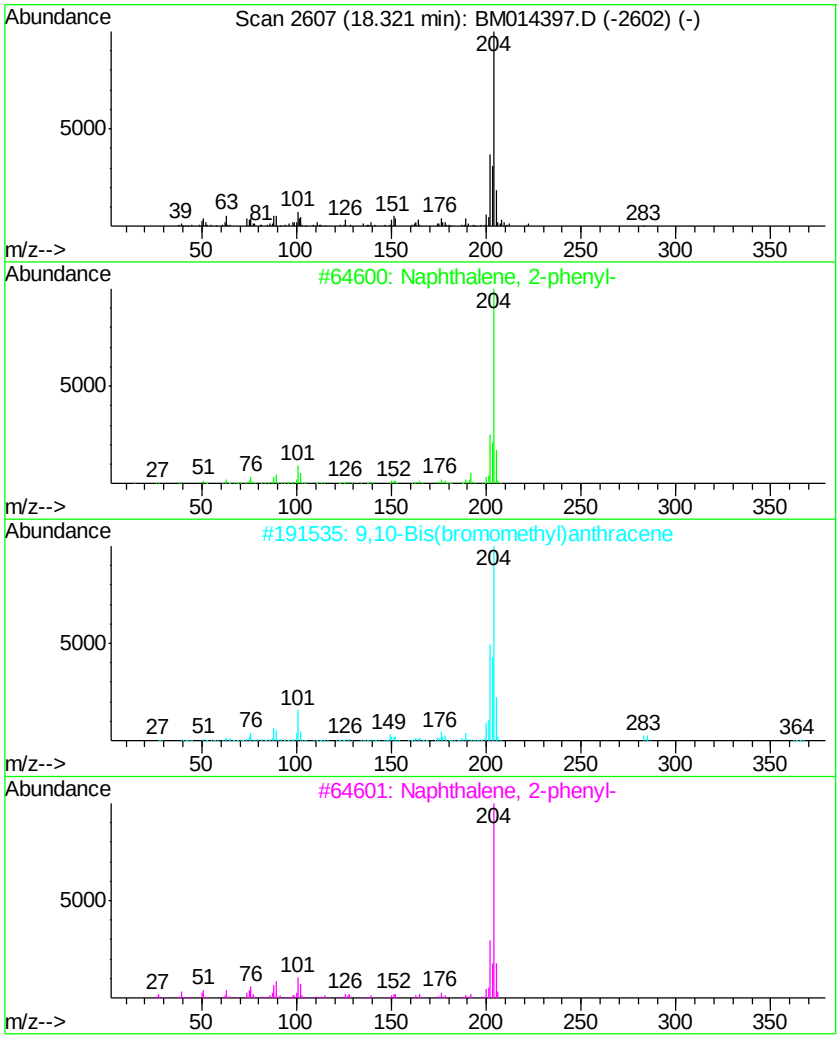
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

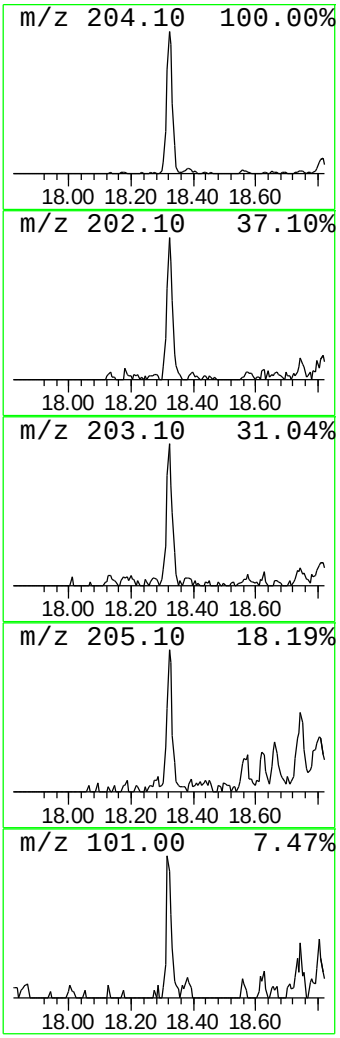
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.03 ng/ul	212793	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

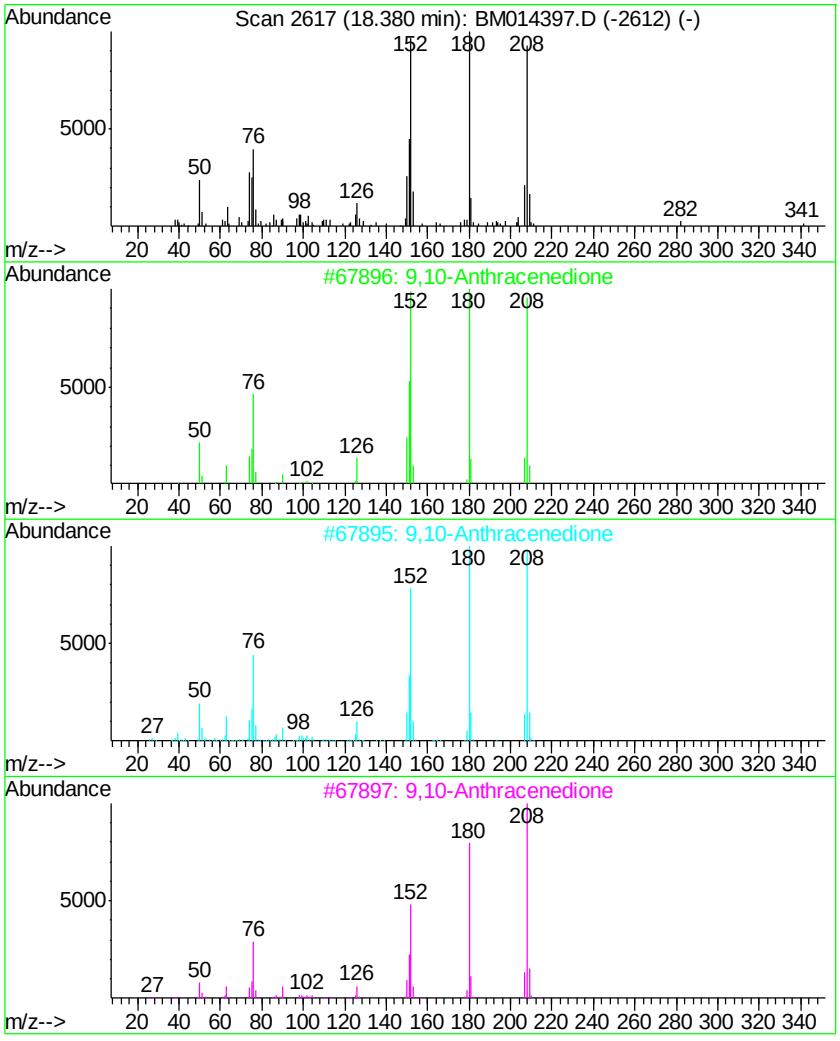
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

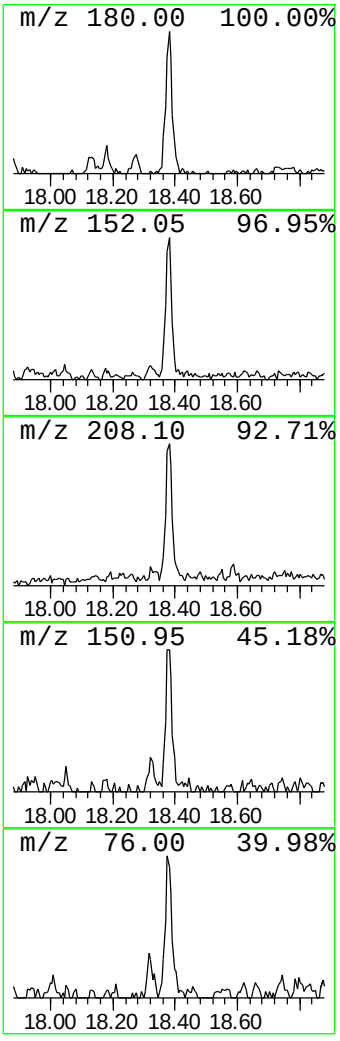
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.06 ng/ul	215435	Phenanthrene-d10	16.94

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	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

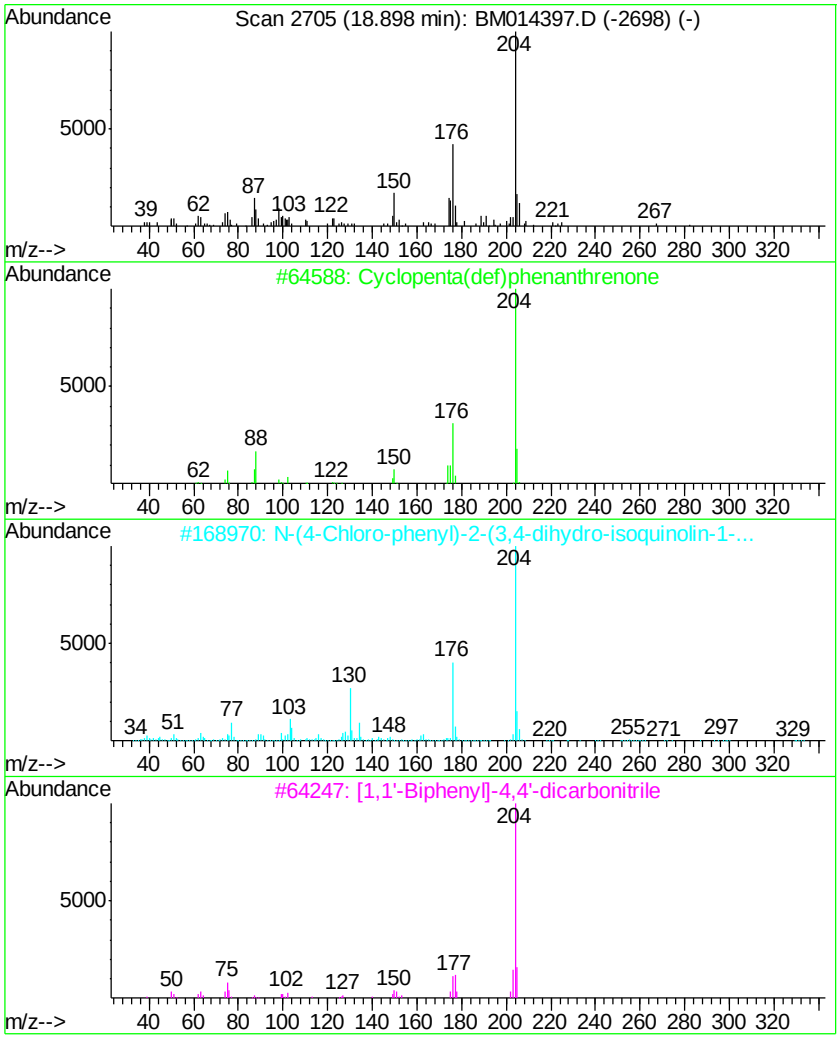
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

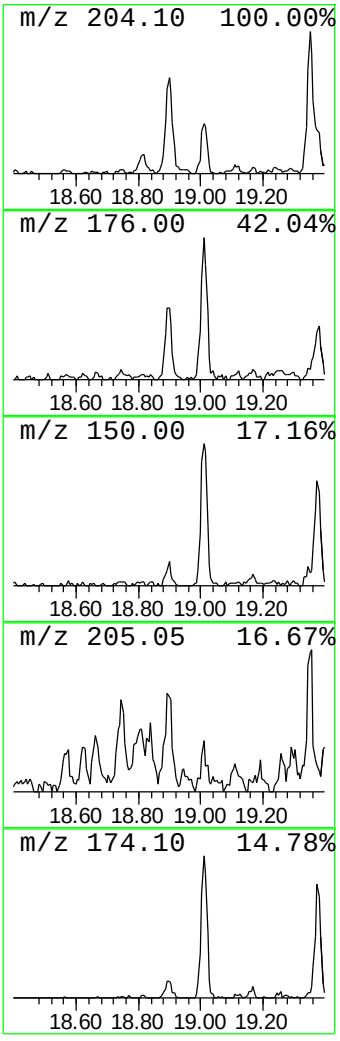
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.14 ng/ul	220441	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

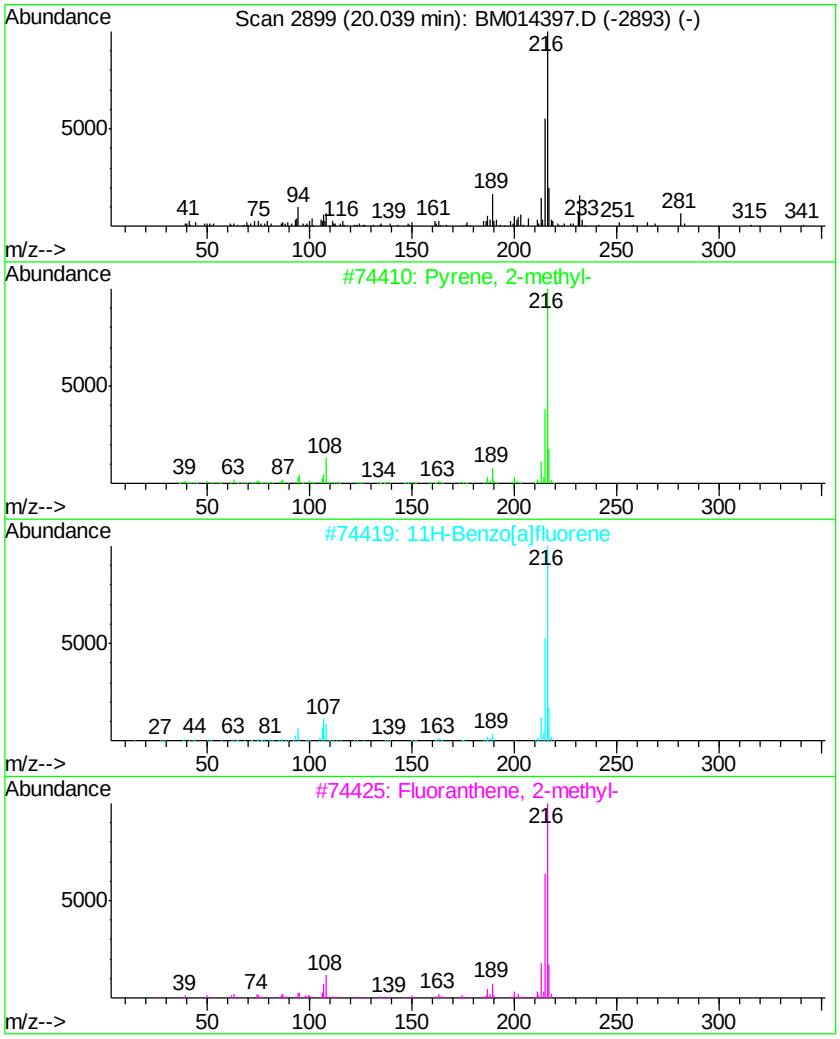
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

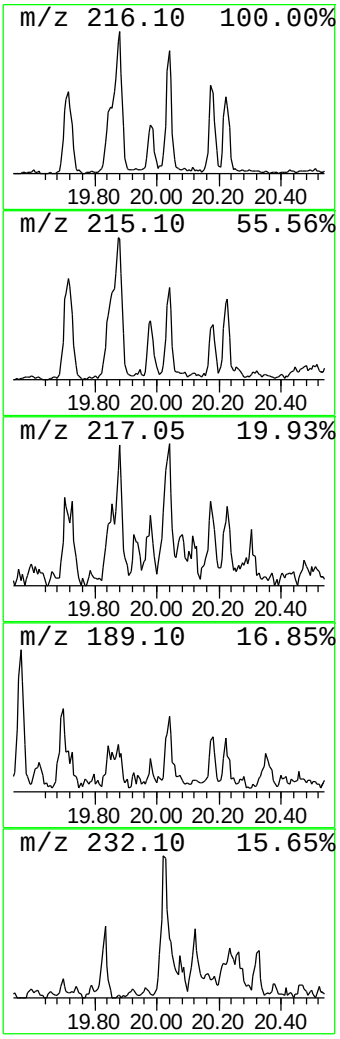
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.08 ng/ul	300735	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

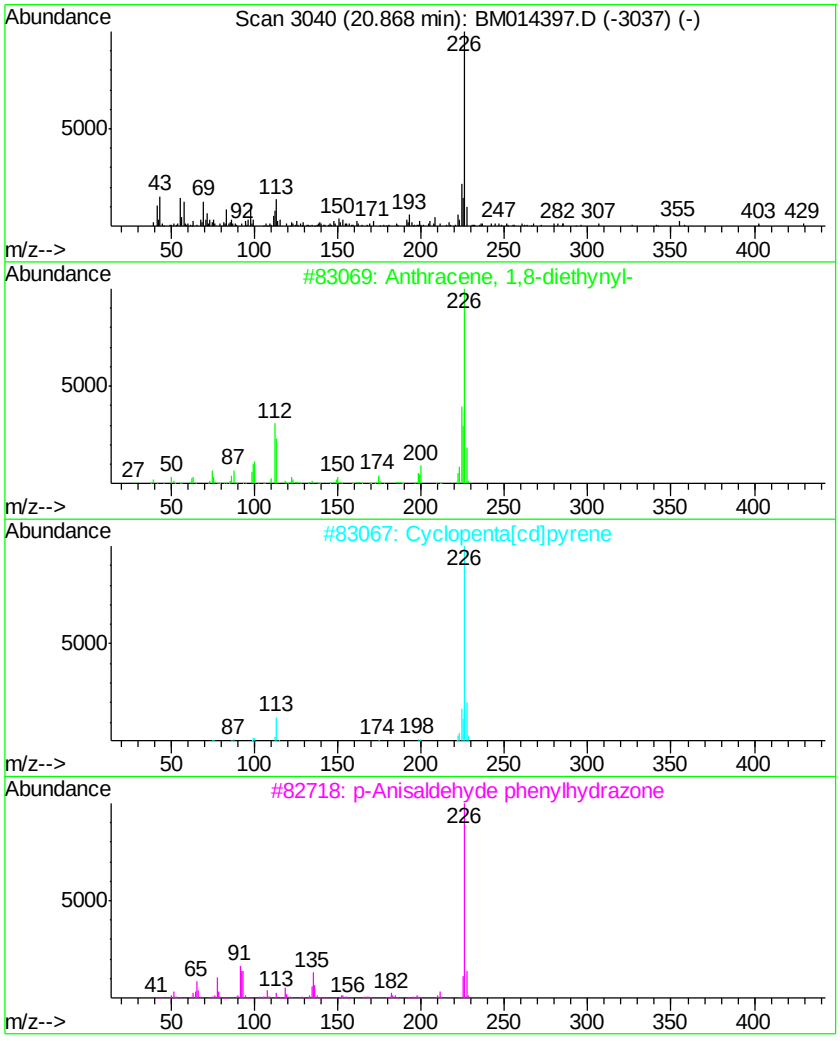
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

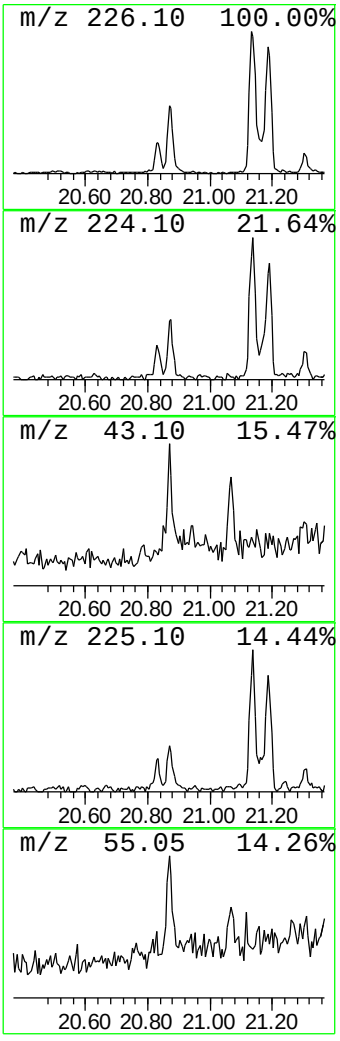
****

Peak Number 15 Anthracene, 1,8-diethynyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.41 ng/ul	348232	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	58
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	50
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
5	7-p-Tolyl-1,5-dihydro-imidazo[4,...	226	C12H10N4O	1000317-75-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022818\
Data File : BM014397.D
Acq On : 28 Feb 2018 11:00
Operator : SJ/JU
Sample : J1646-10DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
Dibenzofuran, 4-m...	15.54	2.3	ng/ul	144274	3	14.17	1243720	20.0
9H-Fluoren-9-ol	15.69	2.5	ng/ul	176002	4	16.94	1405850	20.0
9H-Fluoren-9-one	16.60	2.1	ng/ul	149517	4	16.94	1405850	20.0
Naphtho[2,1-b]thi...	16.76	2.6	ng/ul	181956	4	16.94	1405850	20.0
Phenanthrene, 1-m...	17.82	4.2	ng/ul	293853	4	16.94	1405850	20.0
Anthracene, 1-met...	17.86	6.4	ng/ul	451925	4	16.94	1405850	20.0
4H-Cyclopenta[def...	18.01	6.3	ng/ul	443295	4	16.94	1405850	20.0
Naphthalene, 2-ph...	18.32	3.0	ng/ul	212793	4	16.94	1405850	20.0
9,10-Anthracenedione	18.38	3.1	ng/ul	215435	4	16.94	1405850	20.0
Cyclopenta(def)ph...	18.90	3.1	ng/ul	220441	4	16.94	1405850	20.0
Pyrene, 2-methyl-	20.04	2.1	ng/ul	300735	5	21.15	2886730	20.0
Anthracene, 1,8-d...	20.87	2.4	ng/ul	348232	5	21.15	2886730	20.0