LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

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_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.440	750	757	764	rBV	588768	915433	2.53%	0.243%
2	8.152	872	878	886	rBV	444683	702055	1.94%	0.186%
3	9.828	1157	1163	1174	rVB	443690	768526	2.12%	0.204%
4	10.193	1215	1225	1230	rBV	833179	1403058	3.87%	0.372%
5	13.499	1782	1787	1791	rVV	882196	1304682	3.60%	0.346%
6	13.763	1826	1832	1834	rBV	909060	1331276	3.67%	0.353%
7	13.793	1834	1837	1847	rVB	1242079	1845133	5.09%	0.489%
8	14.075	1878	1885	1891	rVV	1198342	1782611	4.92%	0.472%
9	14.140	1891	1896	1901	rBV	459672	659878	1.82%	0.175%
10	14.310	1916	1925	1932	rBV2	415544	857598	2.37%	0.227%
11	14.487	1945	1955	1959	rBV2	383353	707025	1.95%	0.187%
12	15.081	2051	2056	2060	rVB	1261224	1785174	4.93%	0.473%
13	15.134	2060	2065	2071	rBV2	589996	850154	2.35%	0.225%
14	15.434	2111	2116	2127	rVB2	441788	820448	2.26%	0.217%
15	15.581	2136	2141	2150	rVB	415090	895997	2.47%	0.237%
16	16.145	2227	2237	2242	rBV5	289158	755018	2.08%	0.200%
17	16.416	2279	2283	2286	rVV3	447702	672679	1.86%	0.178%
18	16.492	2292	2296	2304	rVB3	634852	971545	2.68%	0.257%
19	16.575	2304	2310	2316	rBV	420938	801920	2.21%	0.212%
20	16.651	2316	2323	2327	rBV2	600367	1027177	2.84%	0.272%
21	16.834	2348	2354	2357	rVV	1381000	2091276	5.77%	0.554%
22	16.881	2357	2362	2367	rVV	13817188	19109611	52.75%	5.064%
23	16.934	2367	2371	2373	rVV	1396947	1933799	5.34%	0.512%
24	16.969	2373	2377	2382	rVB	3965885	5195485	14.34%	1.377%
25	17.240	2419	2423	2427	rVV	483013	713907	1.97%	0.189%
26	17.281	2427	2430	2439	rVV3	275992	697542	1.93%	0.185%
27	17.363	2439	2444	2448	rVV2	606130	951013	2.63%	0.252%
28	17.416	2448	2453	2462	rVB3	591592	1001372	2.76%	0.265%
29	17.710	2497	2503	2507	rBV	2536360	3445217	9.51%	0.913%
30	17.757	2507	2511	2518	rVB	3615046	4869708	13.44%	1.290%
31	17.839	2519	2525	2530	rBV	1542181	2115679	5.84%	0.561%
32	17.898	2530	2535	2539	rBV2	2994680	5192100	14.33%	1.376%
33	17.939	2539	2542	2550	rVB	1957361	2585589	7.14%	0.685%
34	18.216	2584	2589	2593	rVV	2021214	2856894	7.89%	0.757%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

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_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

35	18.263	2593	2597	2602	rVB2	1528519	2068727	5.71%	0.548%
36	18.469	2628	2632	2637	rVV	731885	1217708	3.36%	0.323%
37	18.516	2637	2640	2644	rVV	763323	1085079	3.00%	0.288%
38	18.557	2644	2647	2652	rVB	639394	843224	2.33%	0.223%
39	18.639	2652	2661	2666	rBV	1845315	3453641	9.53%	0.915%
40	18.704	2666	2672	2675	rVV2	1167649	2268645	6.26%	0.601%
41	18.734	2675	2677	2681	rVV	695683	851353	2.35%	0.226%
42	18.786	2681	2686	2693	rVV	2006054	3227046	8.91%	0.855%
43	18.916	2700	2708	2713	rBV	21688752	34164482	94.31%	9.053%
44	18.981	2715	2719	2721	rVV	498356	652139	1.80%	0.173%
45	19.010	2721	2724	2728	rVV3	569468	796573	2.20%	0.211%
46	19.057	2728	2732	2736	rVB	1033244	1302545	3.60%	0.345%
47	19.116	2736	2742	2745	rBV3	614128	1194236	3.30%	0.316%
48	19.145	2745	2747	2759	rVB4	770895	1709942	4.72%	0.453%
49	19.281	2759	2770	2777	rBV2	18959723	36225706	100.00%	9.599%
50	19.345	2777	2781	2789	rVB2	1114958	2148907	5.93%	0.569%
51	19.451	2794	2799	2805	rBV	1452202	2130332	5.88%	0.564%
52	19.516	2805	2810	2816	rVB2	1045802	1722775	4.76%	0.456%
53	19.610	2818	2826	2831	rBV2	1857715	4547935	12.55%	1.205%
54	19.739	2843	2848	2851	rBV3	1556223	2977631	8.22%	0.789%
55	19.775	2851	2854	2859	rVB	2954255	3738282	10.32%	0.991%
56	19.828	2859	2863	2867	rBV6	382563	774540	2.14%	0.205%
57	19.875	2867	2871	2875	rBV	1572378	1878666	5.19%	0.498%
58	19.933	2875	2881	2885	rBV3	2598162	4077180	11.25%	1.080%
59	19.975	2885	2888	2892	rVB3	552309	761730	2.10%	0.202%
60	20.016	2892	2895	2900	rBV3	588675	878643	2.43%	0.233%
61	20.075	2900	2905	2908	rBV	1352827	1738044	4.80%	0.461%
62	20.116	2908	2912	2917	rBV3	1458046	2101868	5.80%	0.557%
63	20.239	2930	2933	2938	rVB3	483603	723610	2.00%	0.192%
64	20.333	2945	2949	2952	rBV3	547772	881815	2.43%	0.234%
65	20.533	2978	2983	2989	rVB	3115241	4367018	12.06%	1.157%
66	20.692	3004	3010	3013	rBV2	2616974	4164455	11.50%	1.103%
67	20.733	3013	3017	3020	rVB	2219387	2360533	6.52%	0.625%
68	20.769	3020	3023	3025	rBV	1519332	2124026	5.86%	0.563%
69	20.833	3030	3034	3043	rVB	3031270	4229887	11.68%	1.121%
70	20.933	3045	3051	3058	rBV2	623226	1443650	3.99%	0.383%
71	21.045	3059	3070	3074	rBV	15318673	26364793	72.78%	6.986%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

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_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

72	21.098	3074	3079	3088	rVB	12658436	18635491	51.44%	4.938%
73	21.204	3094	3097	3101	rBV	1296372	1829281	5.05%	0.485%
74	21.257	3103	3106	3111	rBV4	674690	872216	2.41%	0.231%
75	21.363	3119	3124	3128	rBV3	1168177	2006839	5.54%	0.532%
76	21.410	3128	3132	3135	rVB4	740248	880858	2.43%	0.233%
77	21.533	3150	3153	3156	rVV2	817753	1115752	3.08%	0.296%
78	21.592	3156	3163	3166	rVV	3118256	5013208	13.84%	1.328%
79	21.639	3167	3171	3177	rVV2	1799999	3174153	8.76%	0.841%
80	21.704	3178	3182	3184	rVV2	1012732	1642714	4.53%	0.435%
81	21.727	3184	3186	3190	rVV	917483	1351101	3.73%	0.358%
82	21.775	3190	3194	3196	rVV	1578324	2206587	6.09%	0.585%
83	21.804	3196	3199	3204	rVV3	1321227	1949470	5.38%	0.517%
84	21.869	3205	3210	3218	rVB3	1025491	1949013	5.38%	0.516%
85	22.045	3237	3240	3244	rBV2	601839	917399	2.53%	0.243%
86	22.316	3280	3286	3295	rVB4	1193516	2684913	7.41%	0.711%
87	22.563	3319	3328	3332	rBV	11044816	24714982	68.22%	6.549%
88	22.710	3348	3353	3358	rBV	2227827	3408616	9.41%	0.903%
89	22.833	3369	3374	3381	rBV4	714667	2072059	5.72%	0.549%
90	22.998	3395	3402	3407	rBV	5095772	9190046	25.37%	2.435%
91	23.092	3411	3418	3424	rVB	9330291	16021269	44.23%	4.245%
92	23.169	3426	3431	3434	rBV	1094909	1861926	5.14%	0.493%
93	23.216	3435	3439	3447	rVB2	2523961	4905350	13.54%	1.300%
94	23.680	3513	3518	3526	rVB3	677141	1415500	3.91%	0.375%
95	23.969	3562	3567	3572	rBV	451615	863095	2.38%	0.229%
96	25.251	3775	3785	3793	rVB	4352890	12245434	33.80%	3.245%
97	25.474	3817	3823	3830	rVB2	868287	1993946	5.50%	0.528%
98	25.557	3832	3837	3843	rBV	540956	1211859	3.35%	0.321%
99	25.880	3882	3892	3908	rVB	2736507	8031482	22.17%	2.128%
100	26.198	3941	3946	3965	rVB2	735834	2418577	6.68%	0.641%

Sum of corrected areas: 377397081

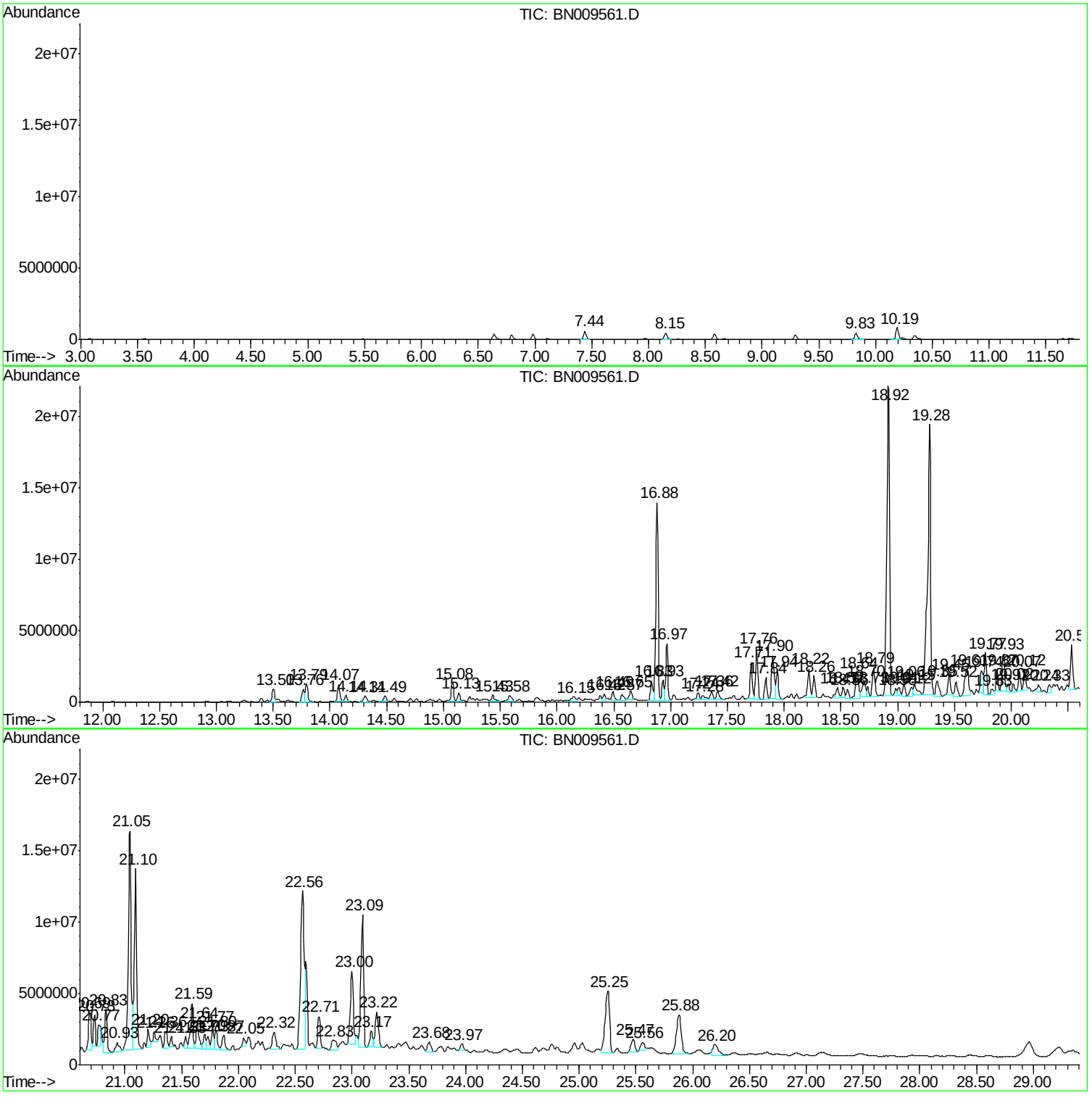
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

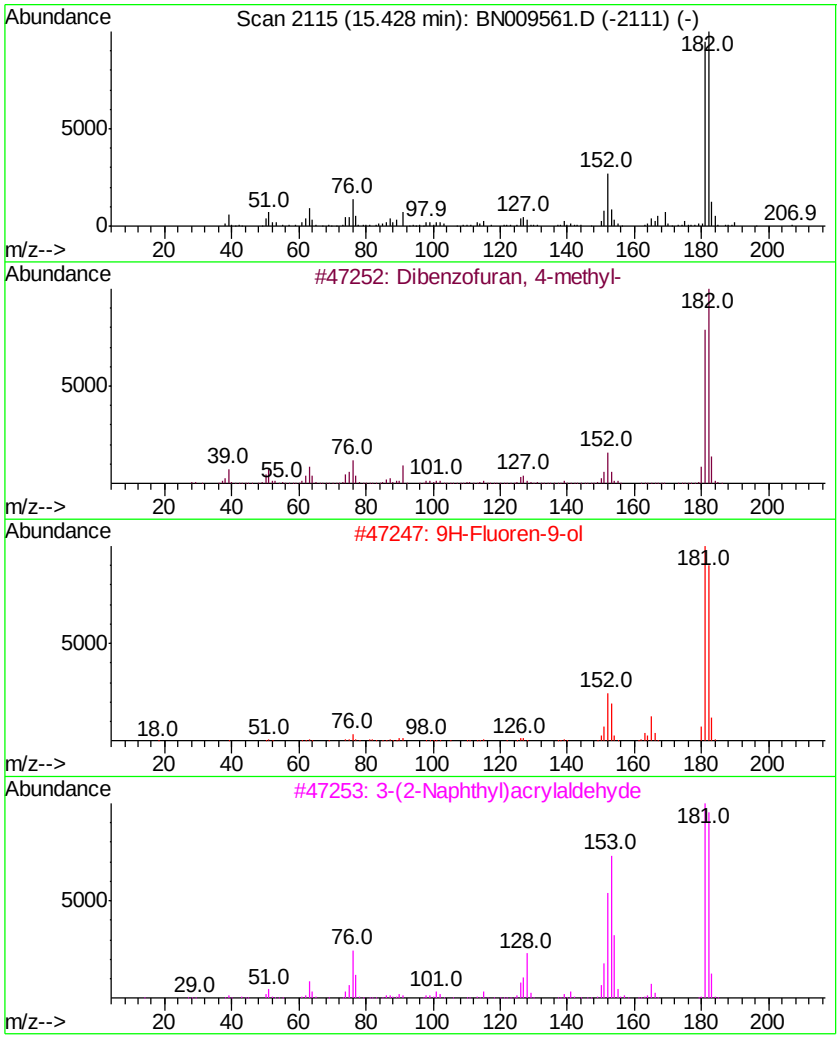
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

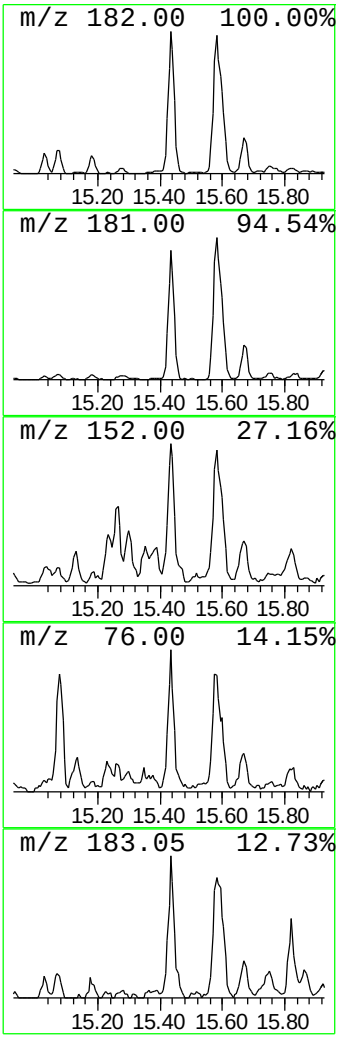
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	9.21 ng/ul	820448	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

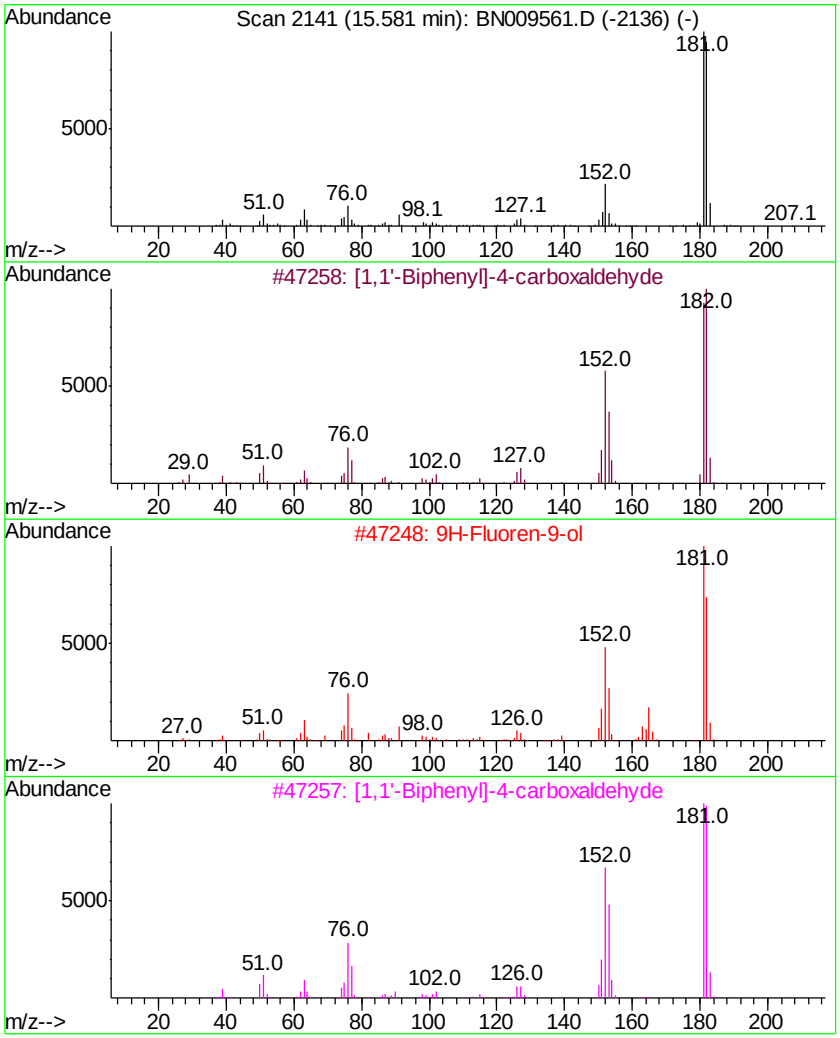
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

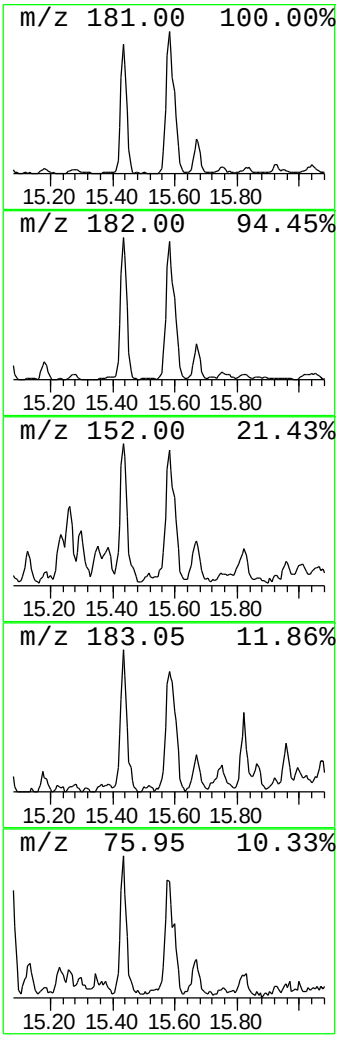
****

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	8.57 ng/ul	895997	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

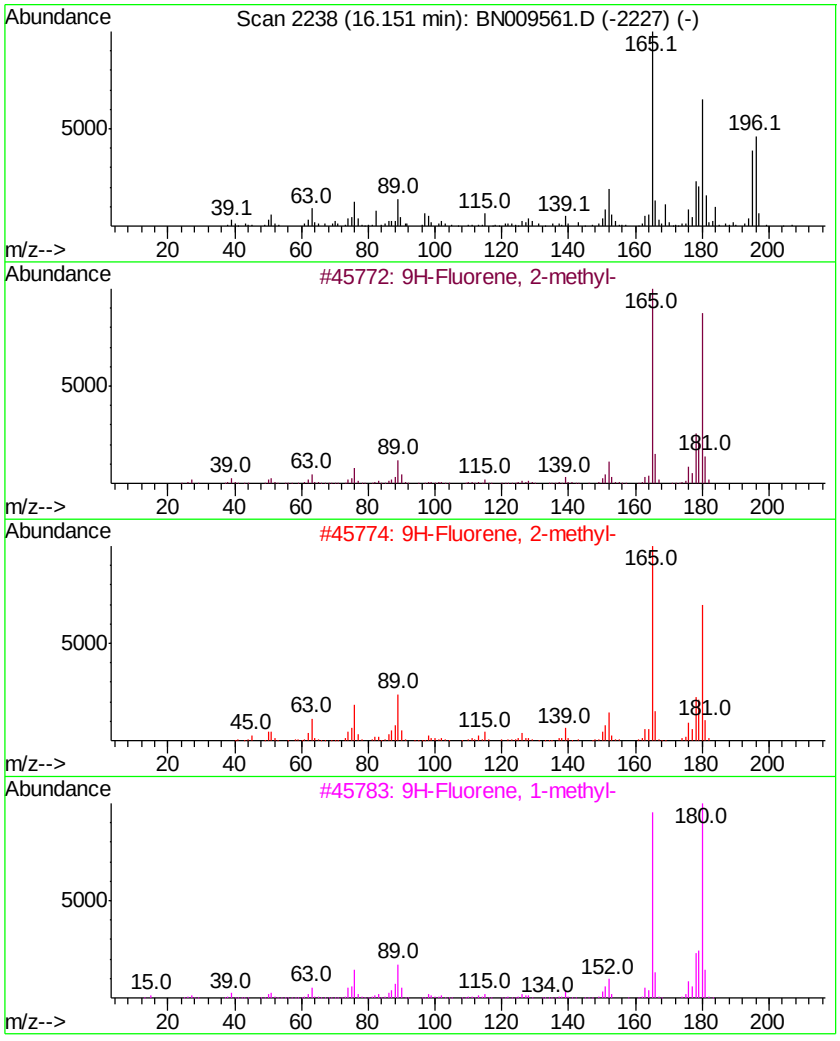
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

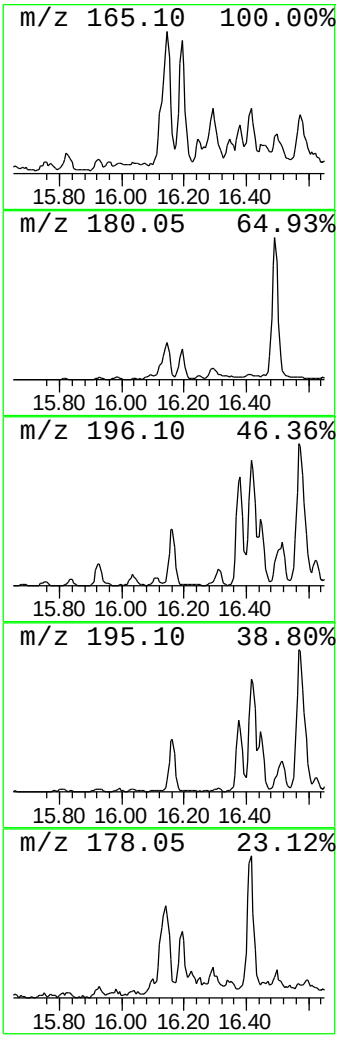
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	7.22 ng/ul	755018	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

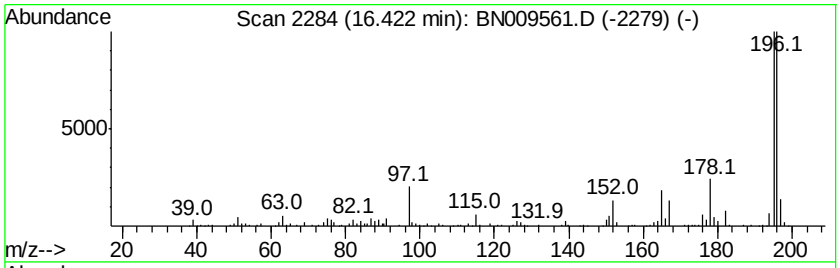
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

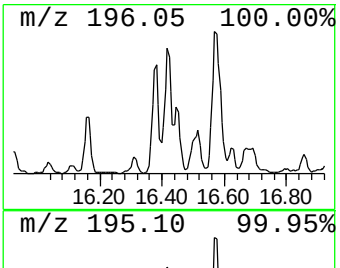
****

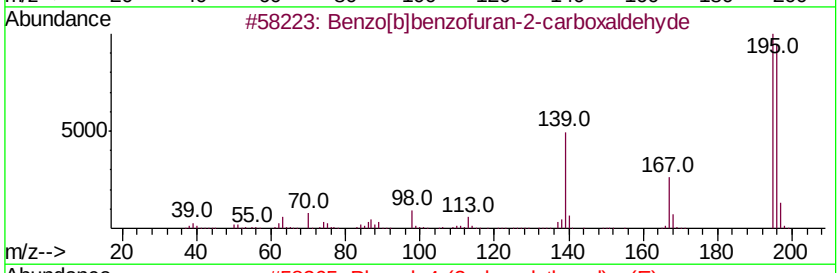
Peak Number 4 Benzo[b]benzofuran-2-carbox... Concentration Rank 31

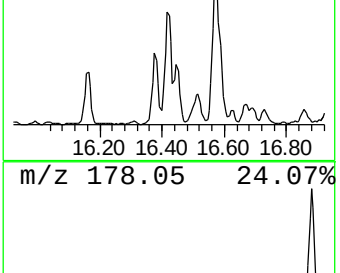
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	6.43 ng/ul	672679	Phenanthrene-d10	16.83

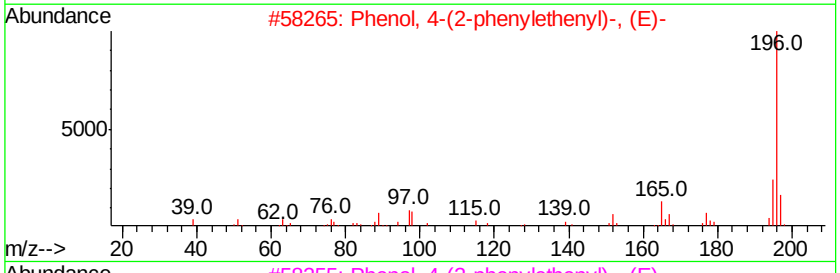
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	45
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	43
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43

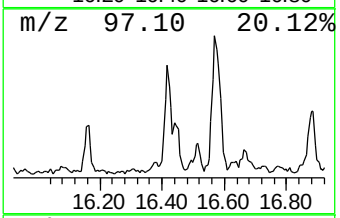


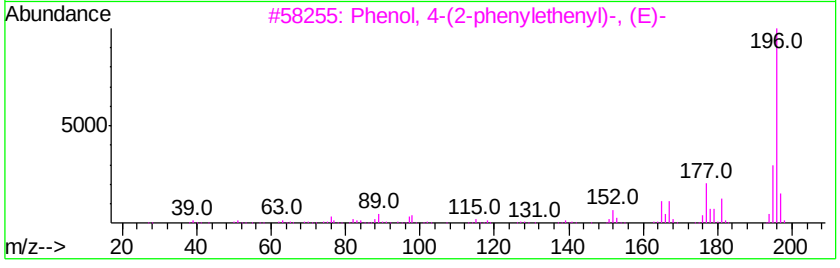


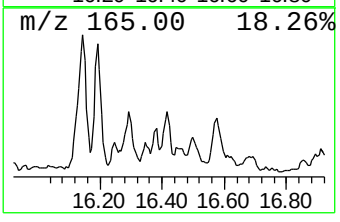












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

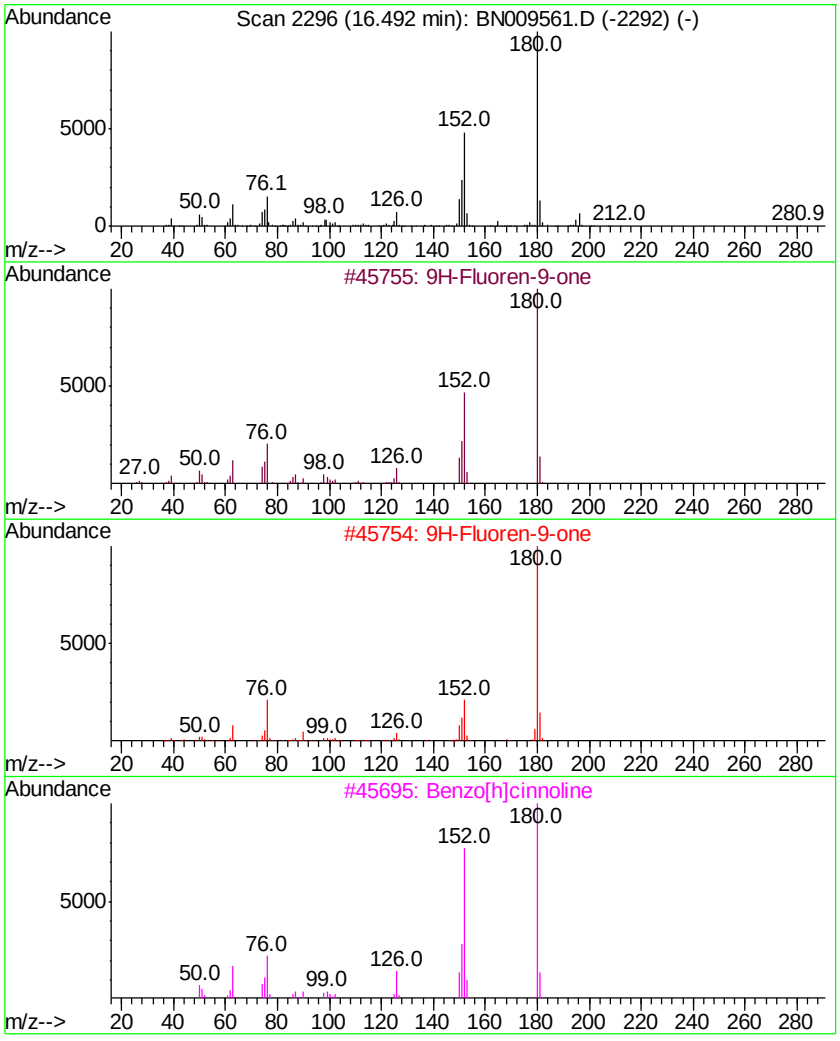
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

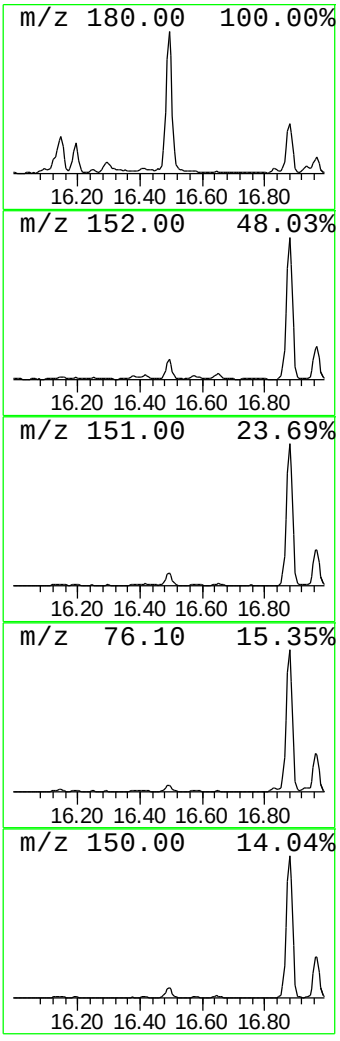
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.29 ng/ul	971545	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

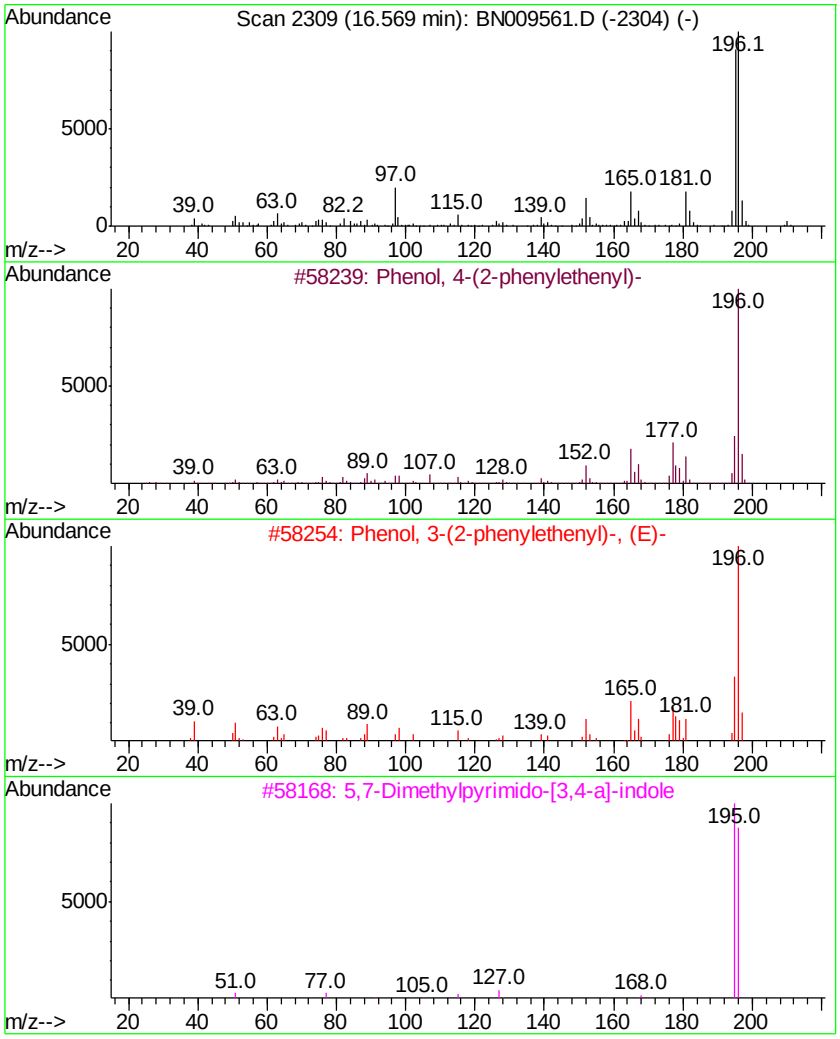
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

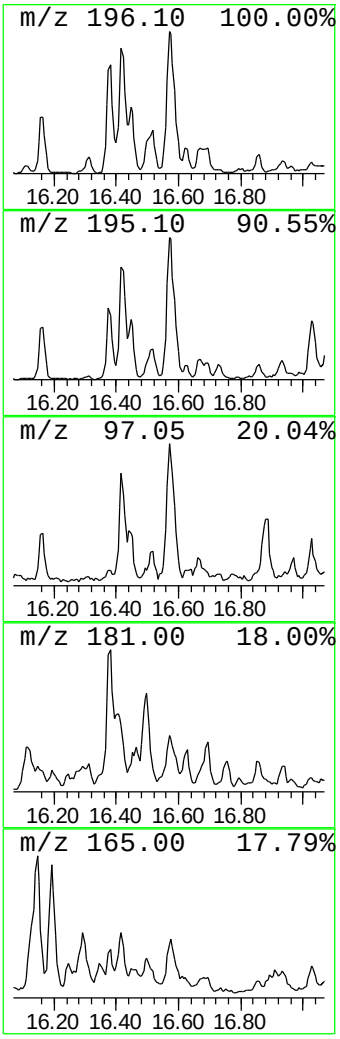
****

Peak Number 6 Phenol, 4-(2-phenylethenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.67 ng/ul	801920	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	62
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	50
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

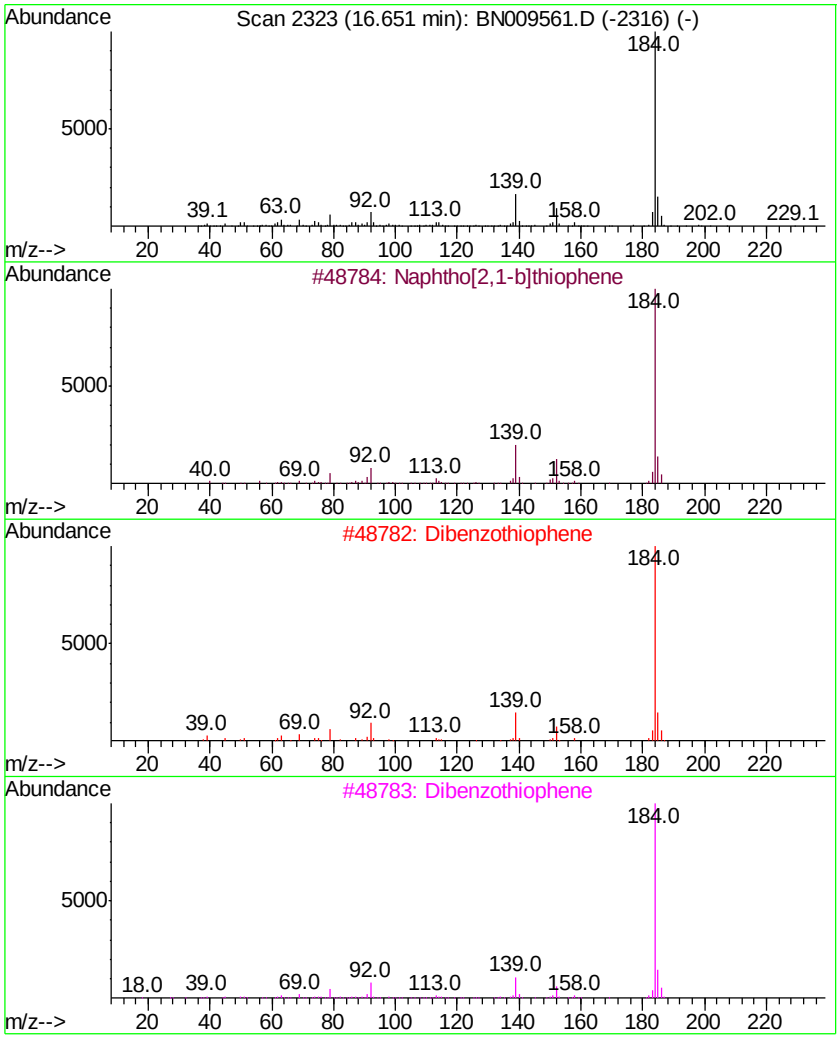
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

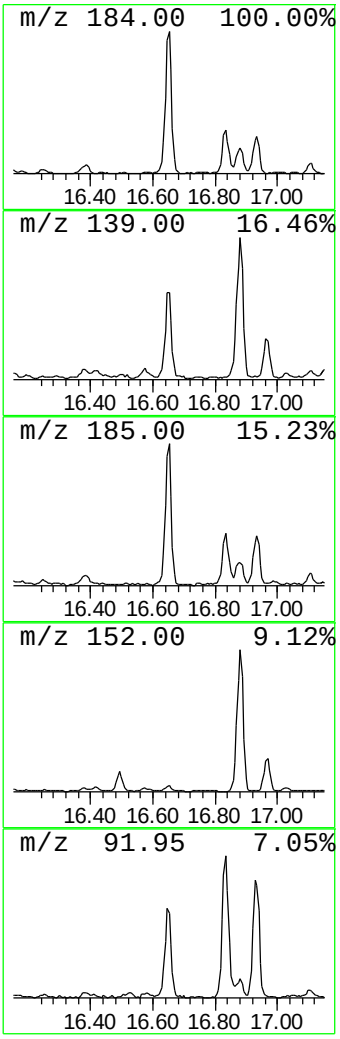
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	9.82 ng/ul	1027180	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

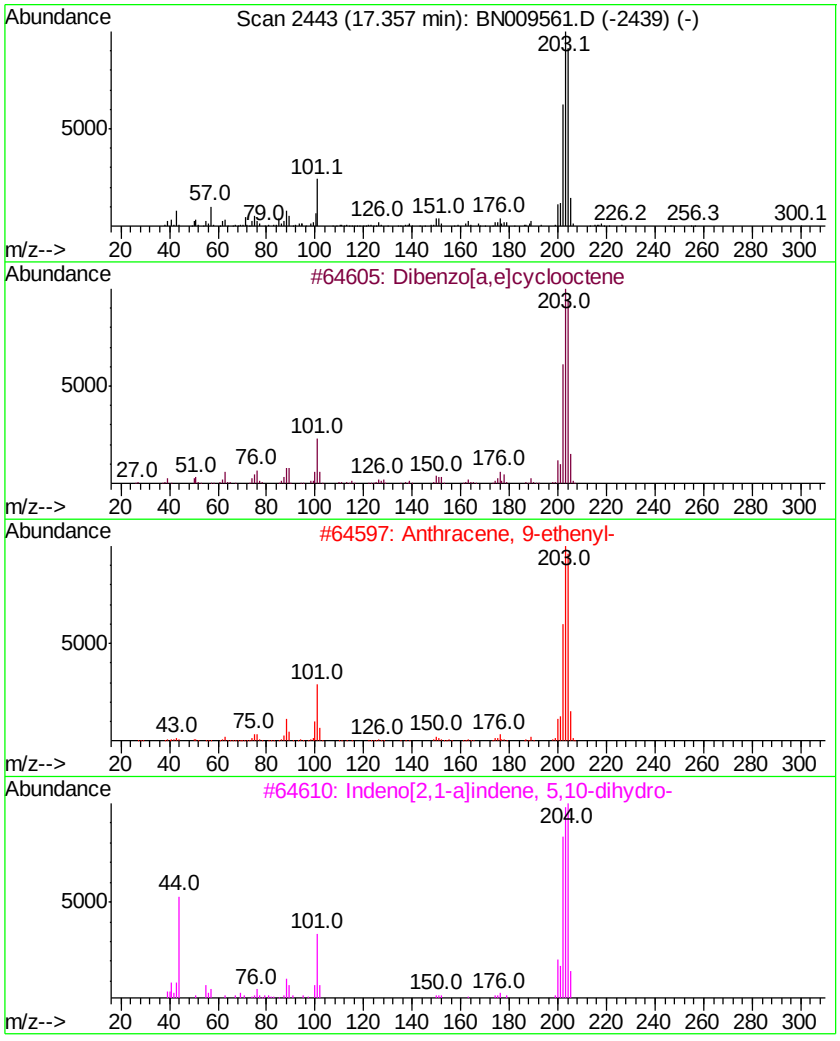
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

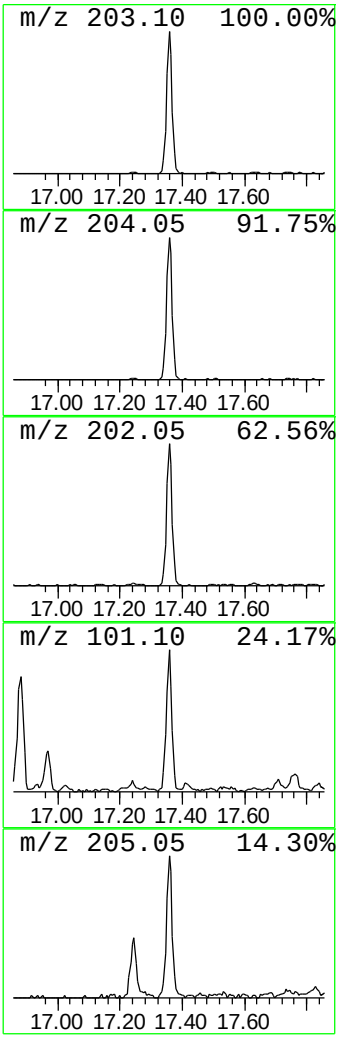
****

Peak Number 8 Dibenzo[a,e]cyclooctene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	9.10 ng/ul	951013	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

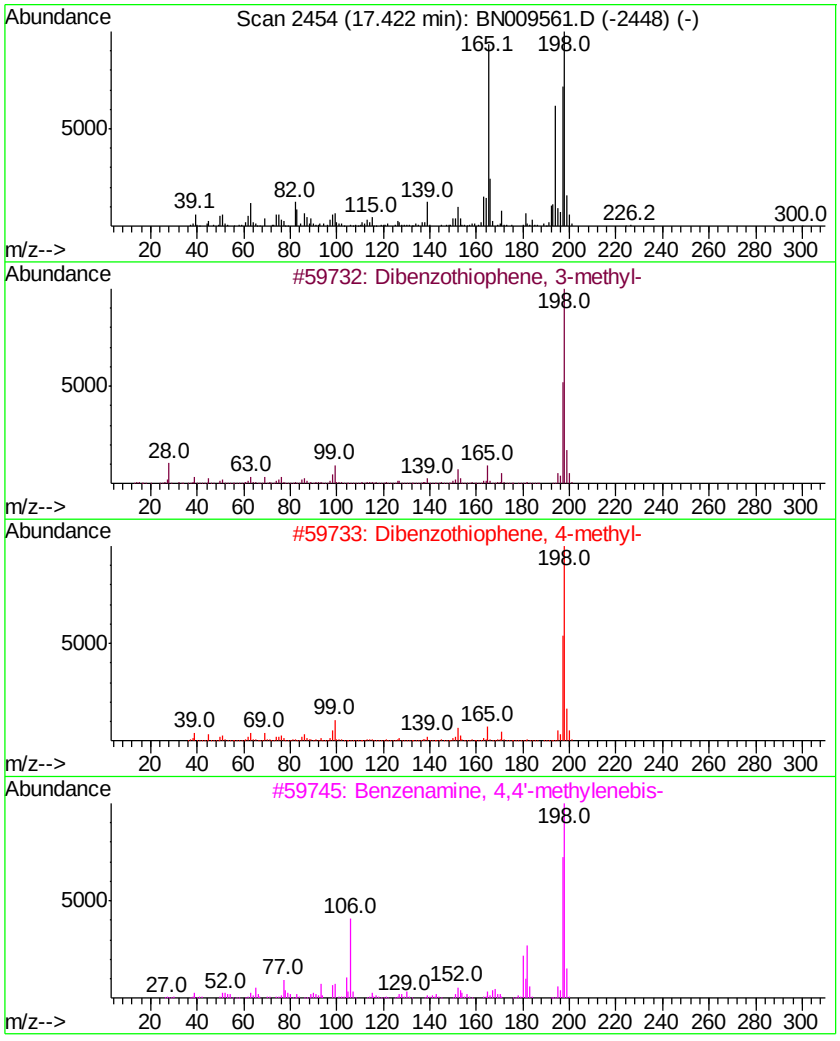
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

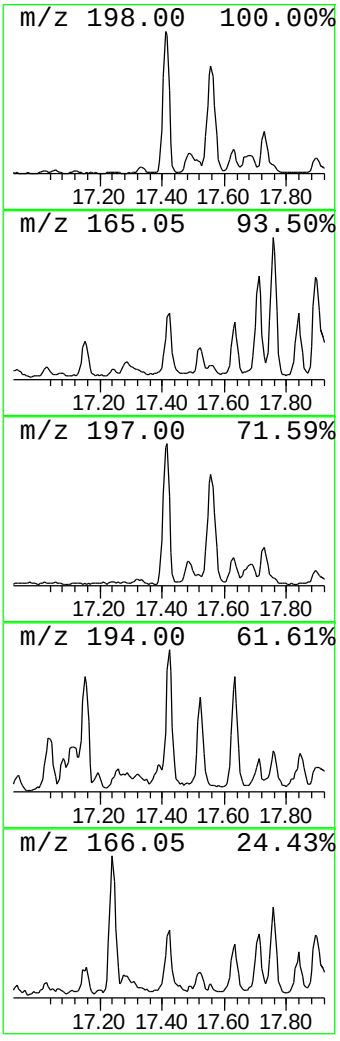
****

Peak Number 9 Dibenzothiophene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	9.58 ng/ul	1001370	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

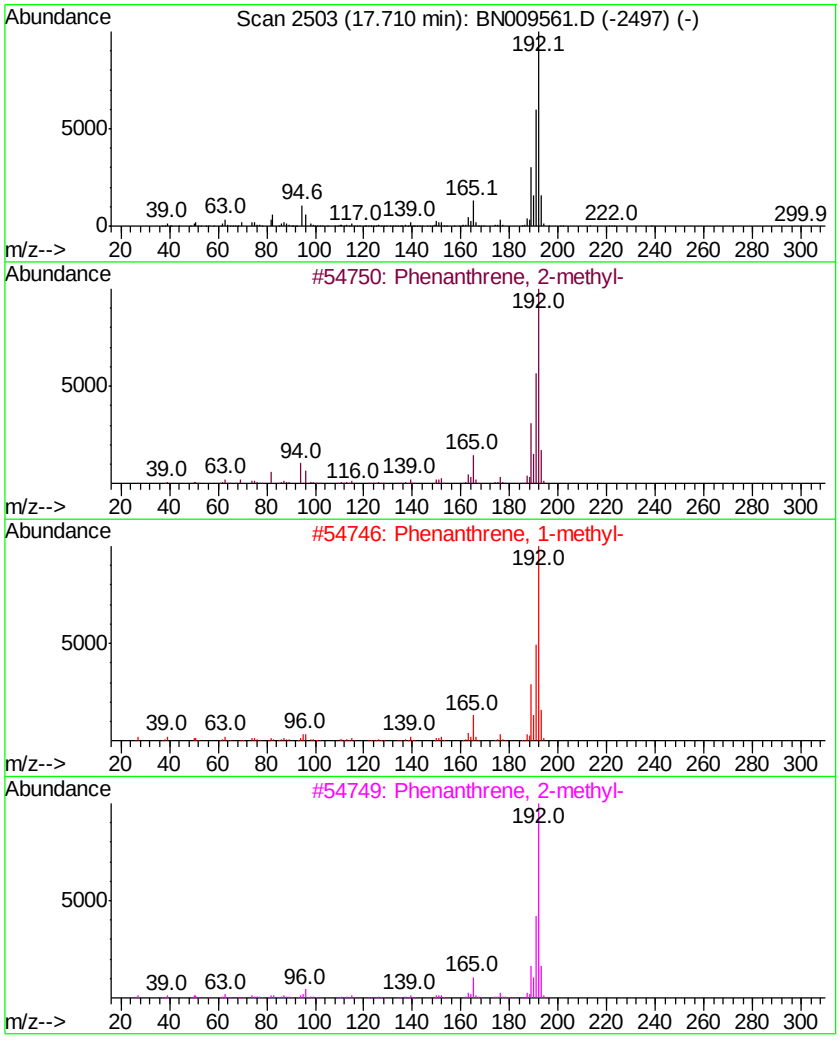
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

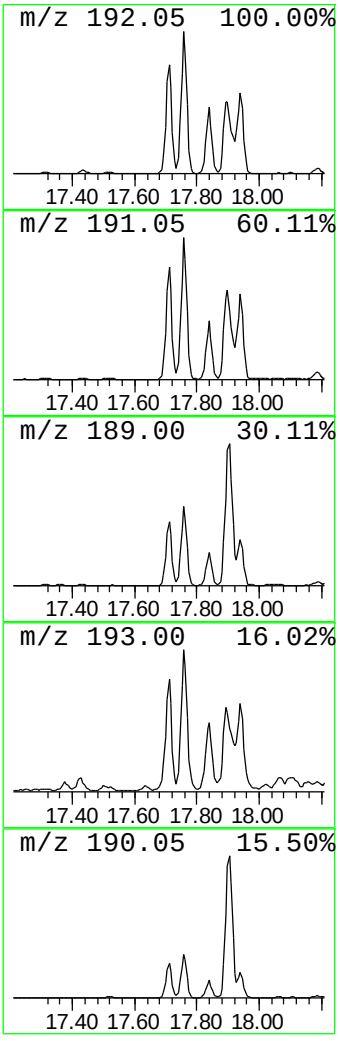
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	32.95 ng/ul	3445220	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

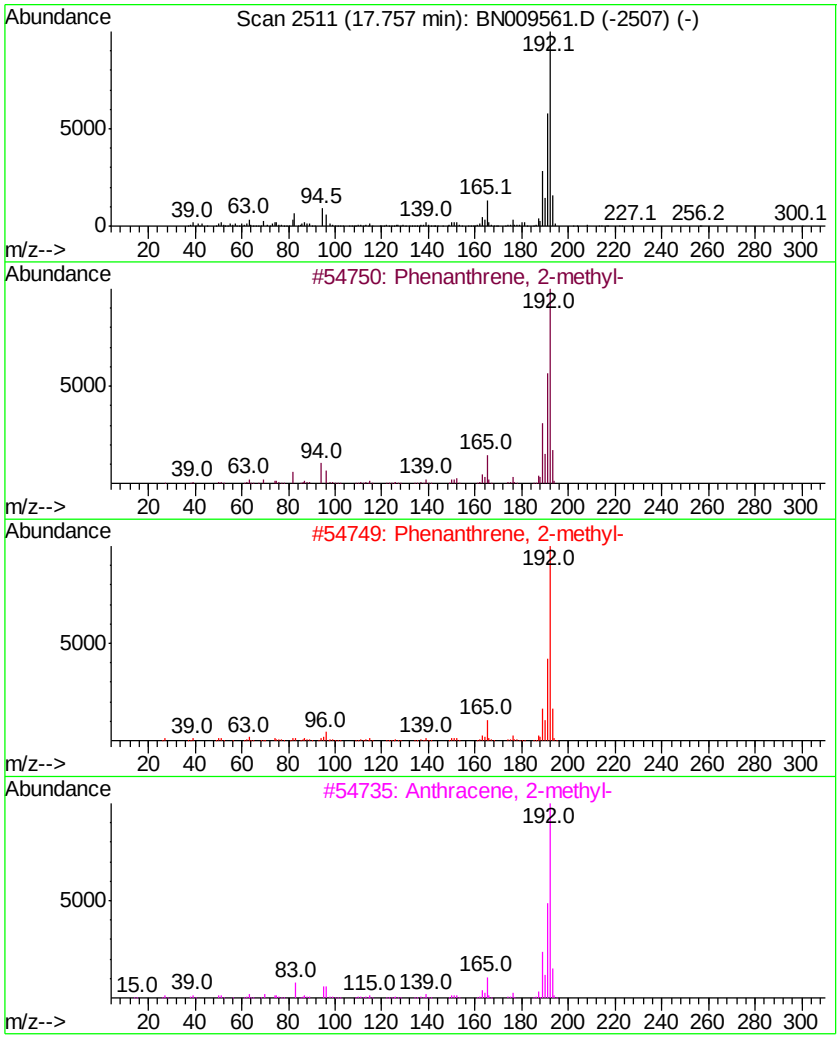
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

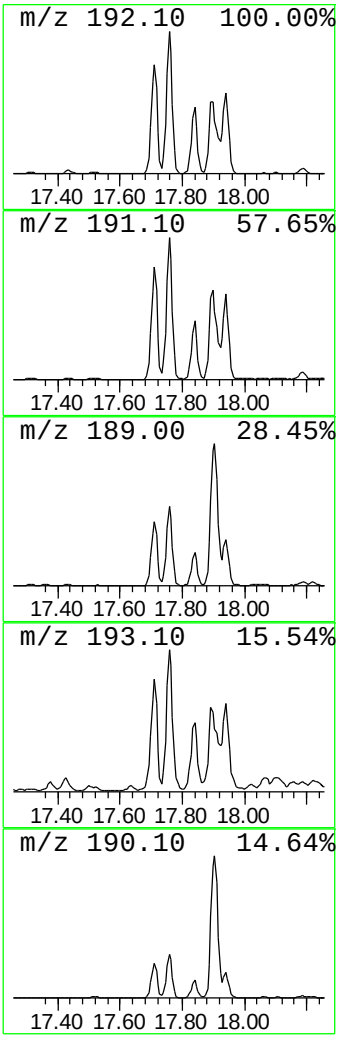
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	46.57 ng/ul	4869710	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

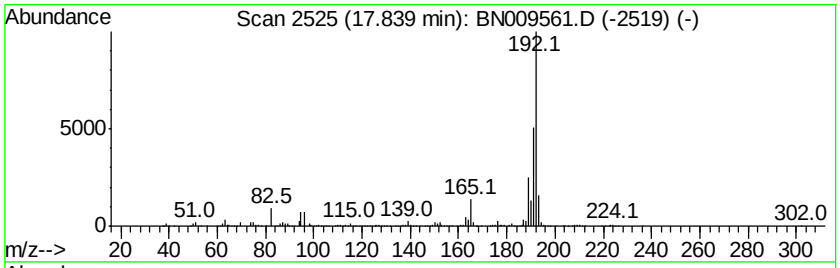
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

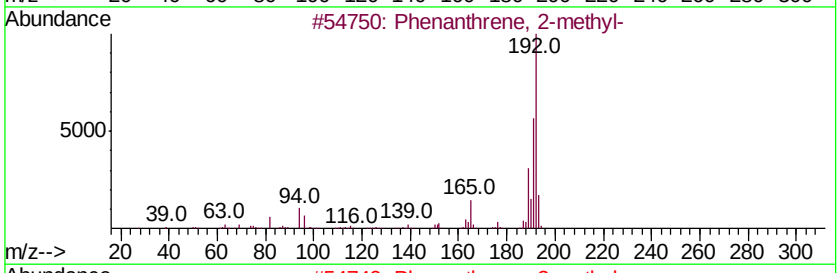
****

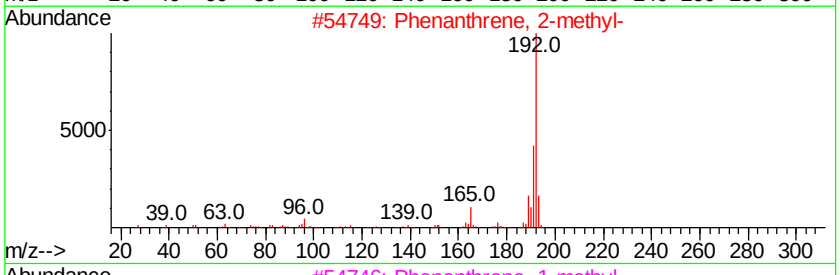
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 14

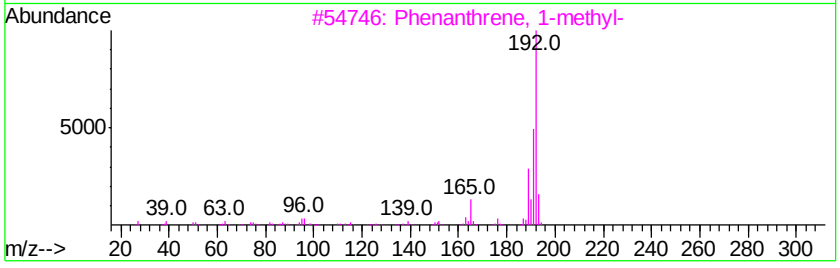
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	20.23 ng/ul	2115680	Phenanthrene-d10	16.83

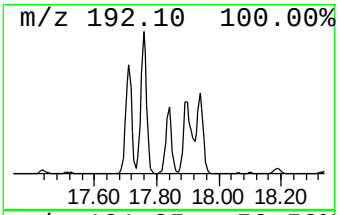
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96

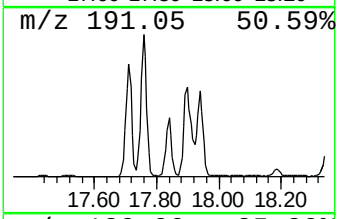


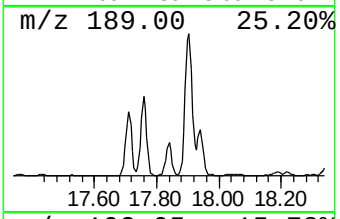


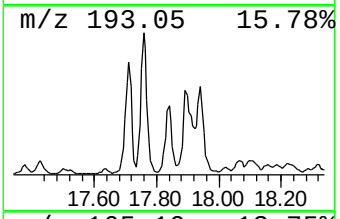


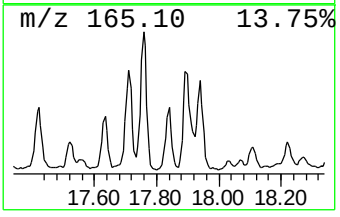












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

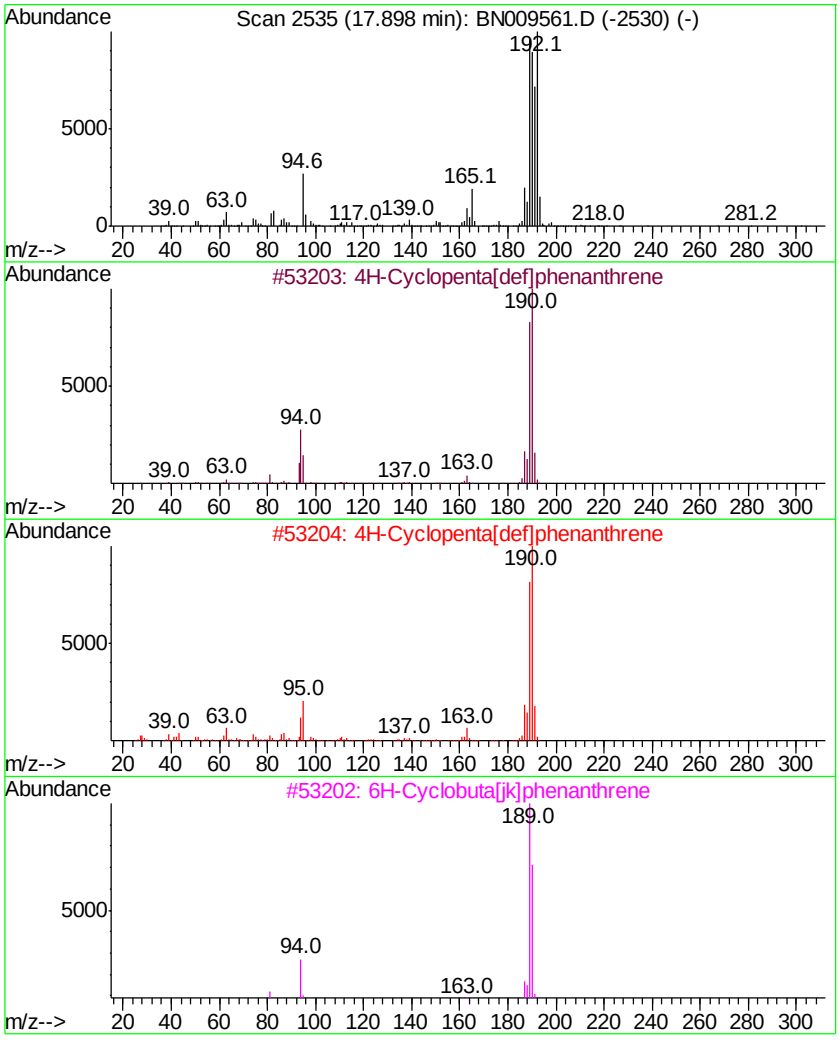
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

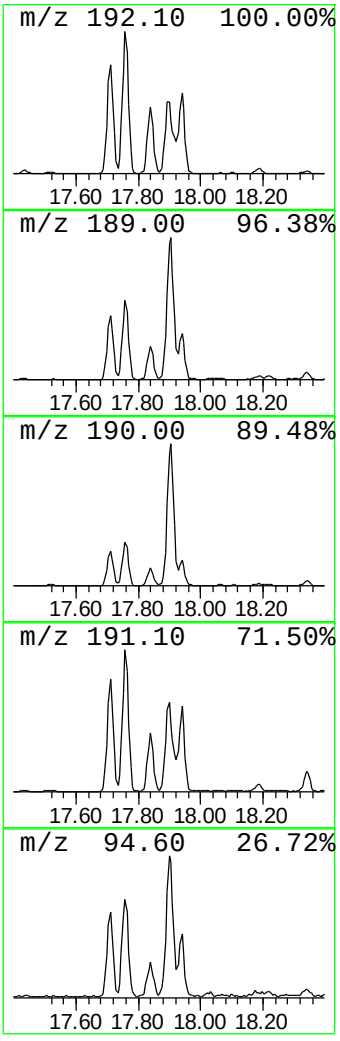
****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	49.65 ng/ul	5192100	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

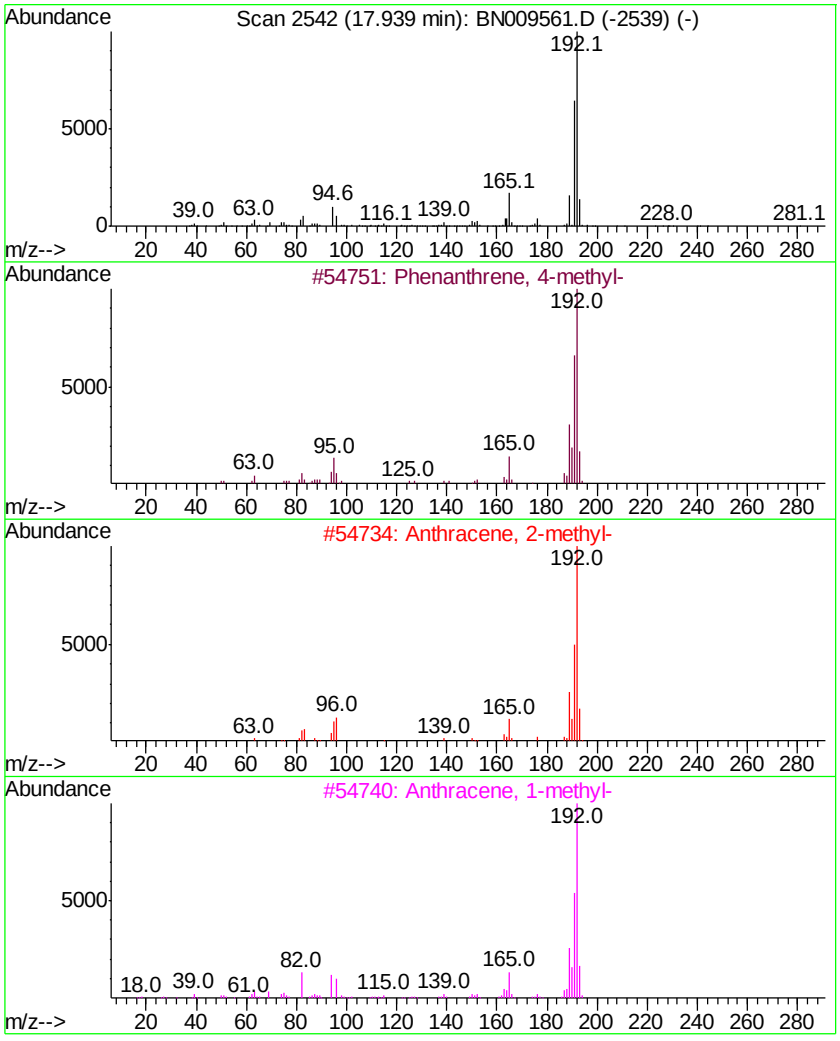
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

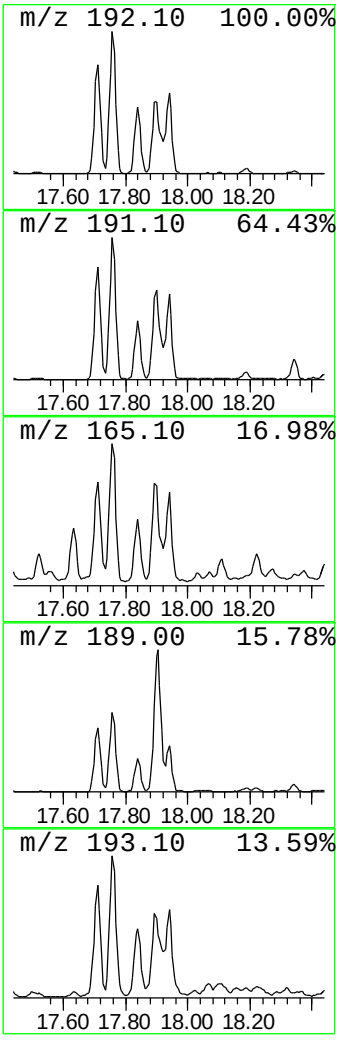
****

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	24.73 ng/ul	2585590	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

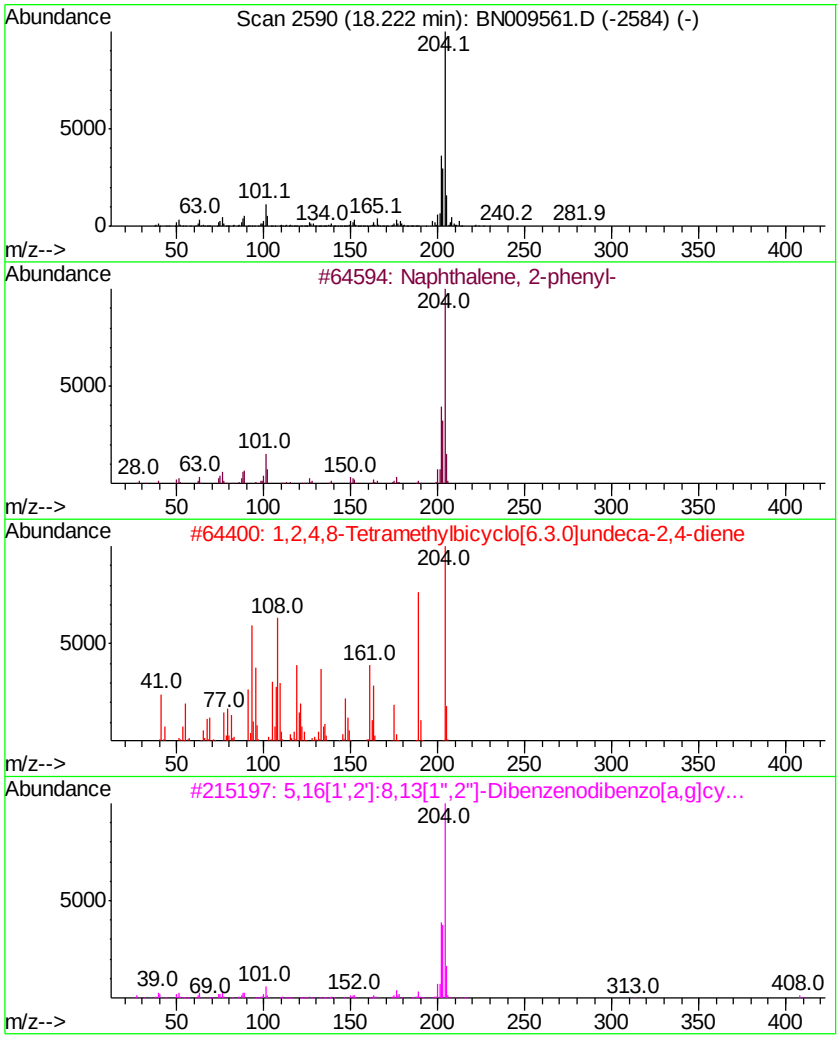
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

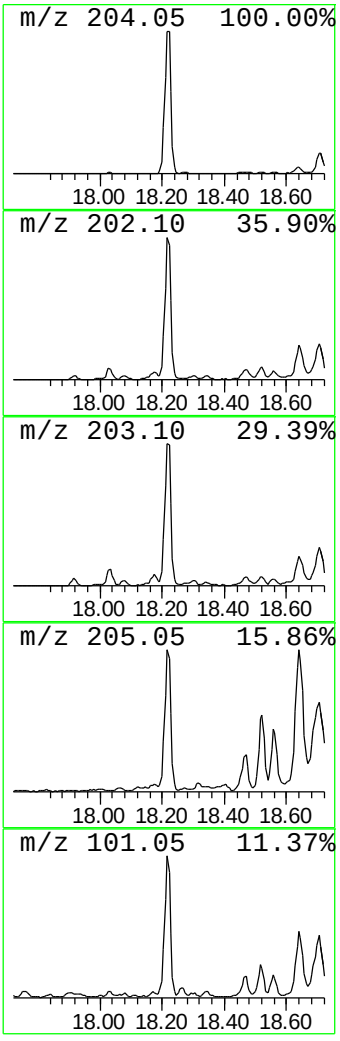
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	27.32 ng/ul	2856890	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

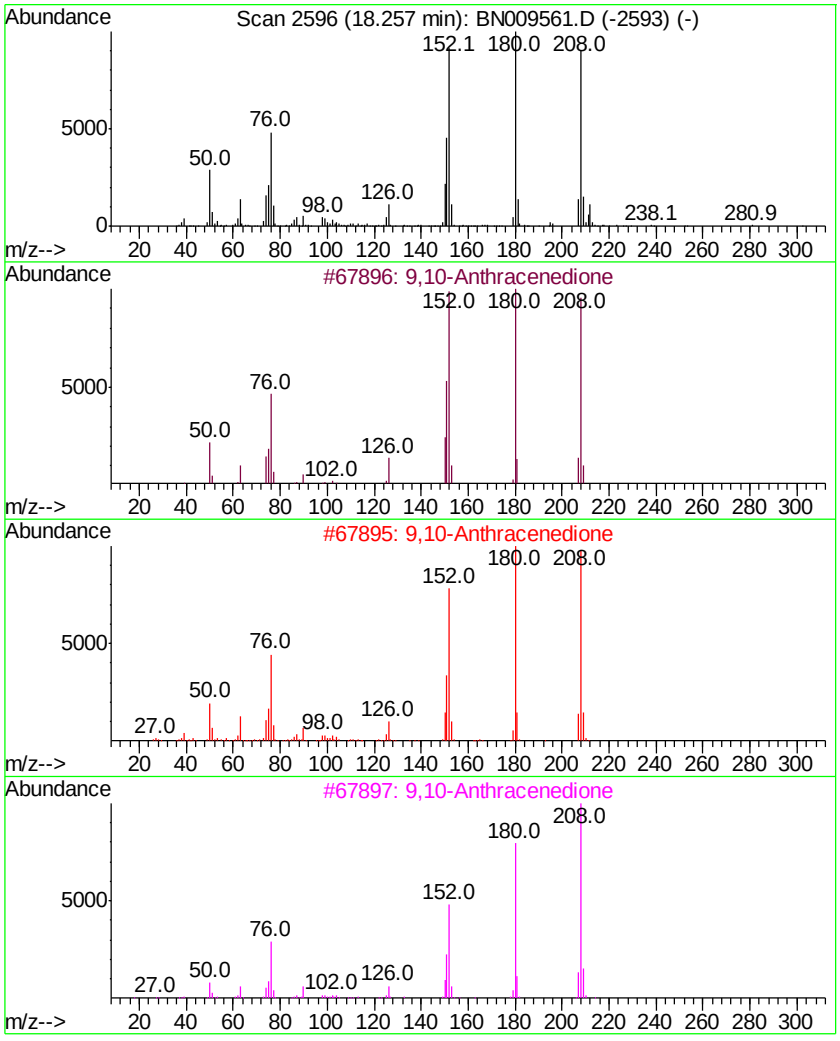
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

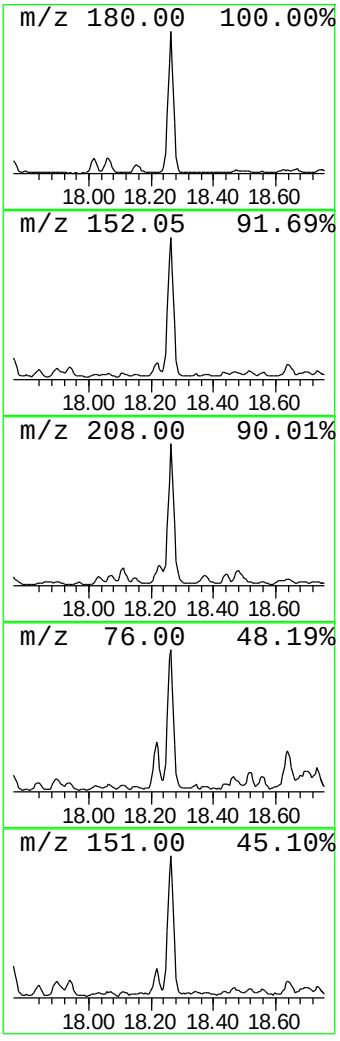
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	19.78 ng/ul	2068730	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

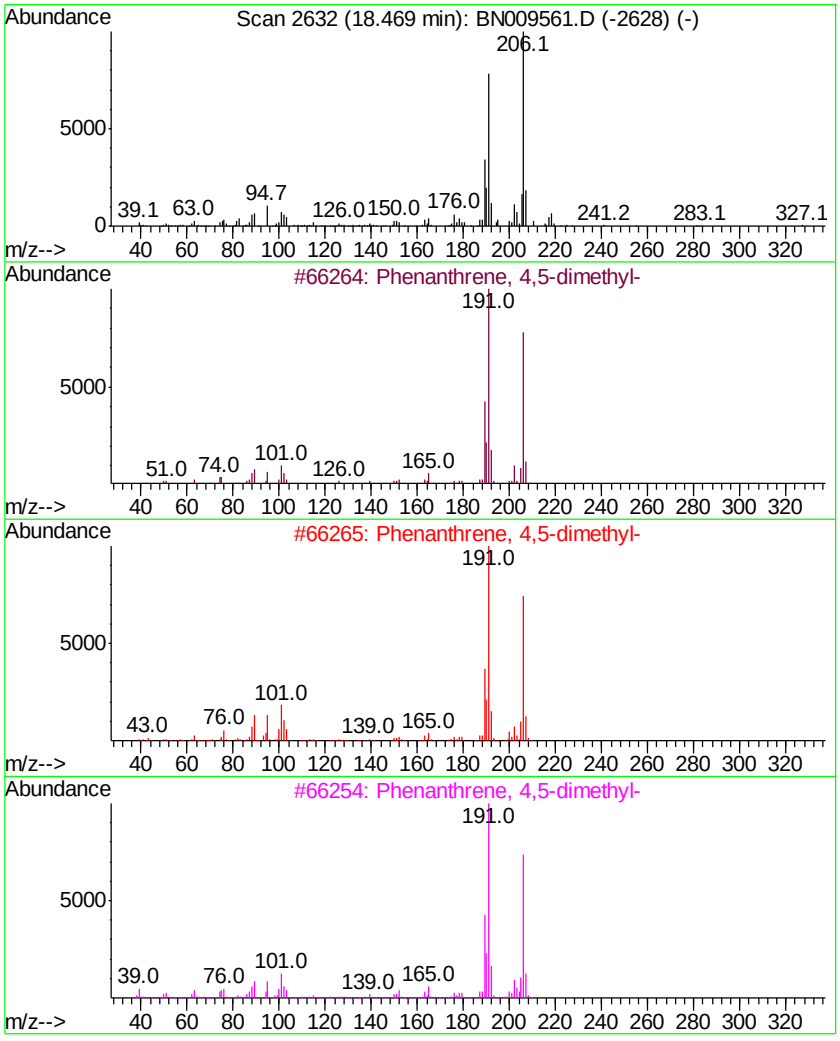
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

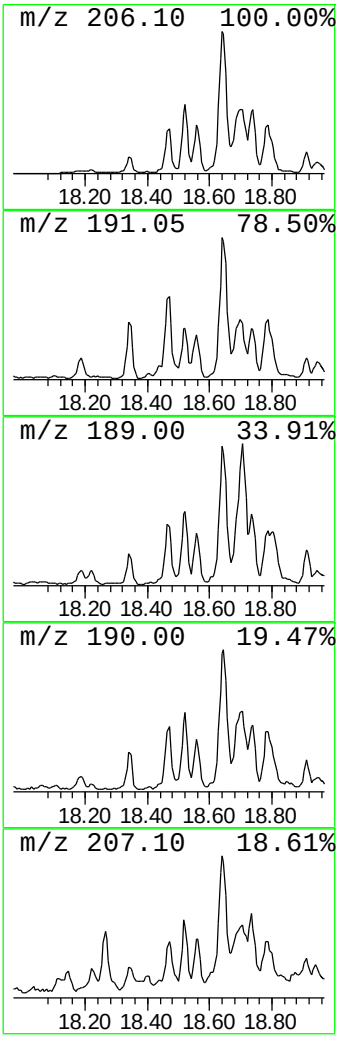
****

Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	11.65 ng/ul	1217710	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

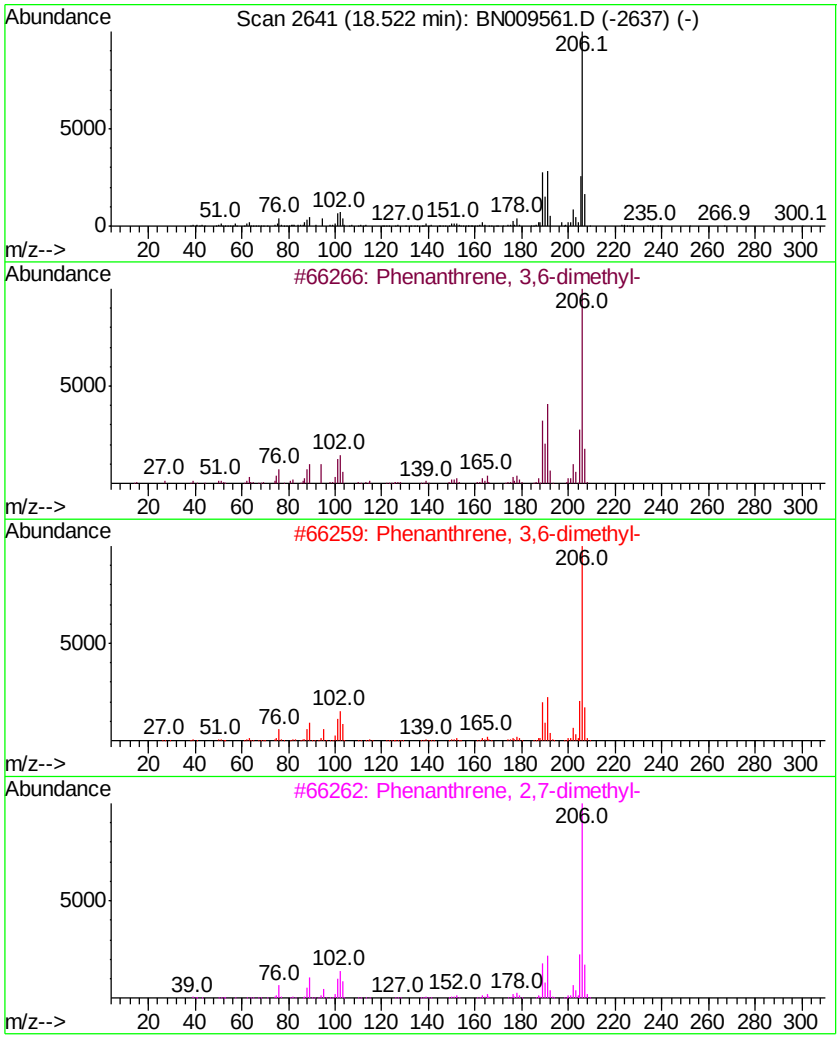
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

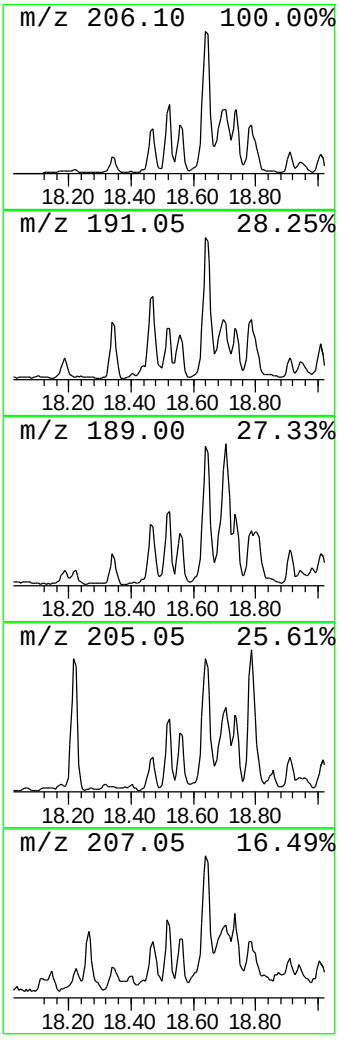
****

Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	10.38 ng/ul	1085080	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

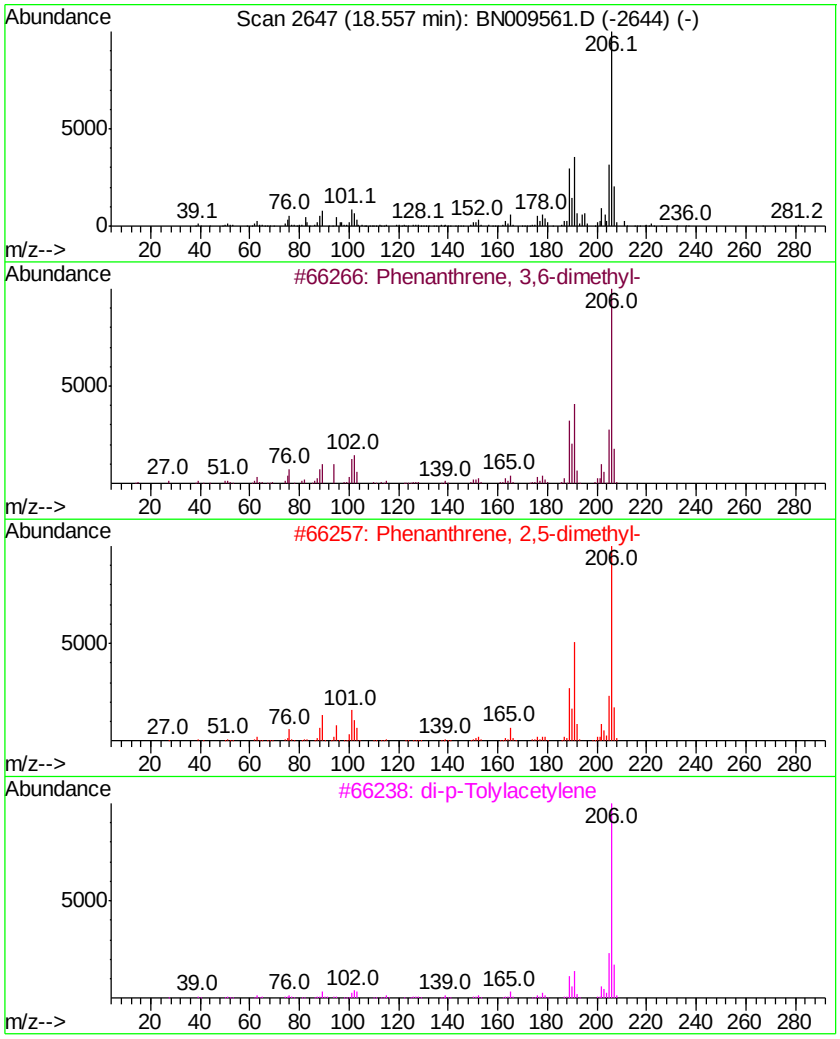
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

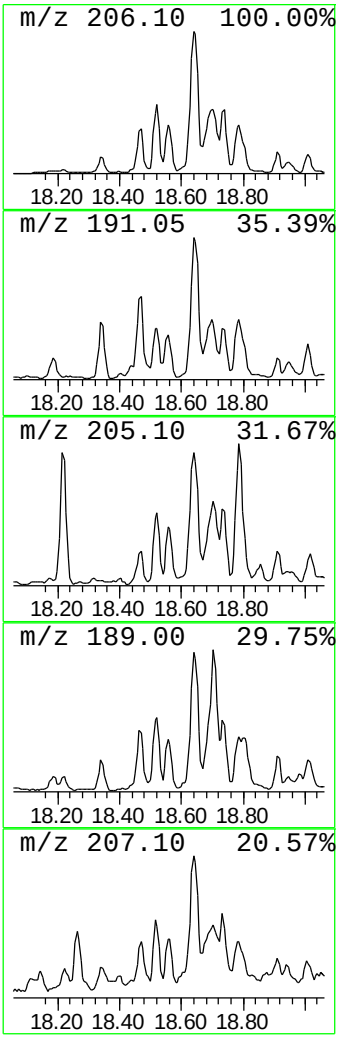
****

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	8.06 ng/ul	843224	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

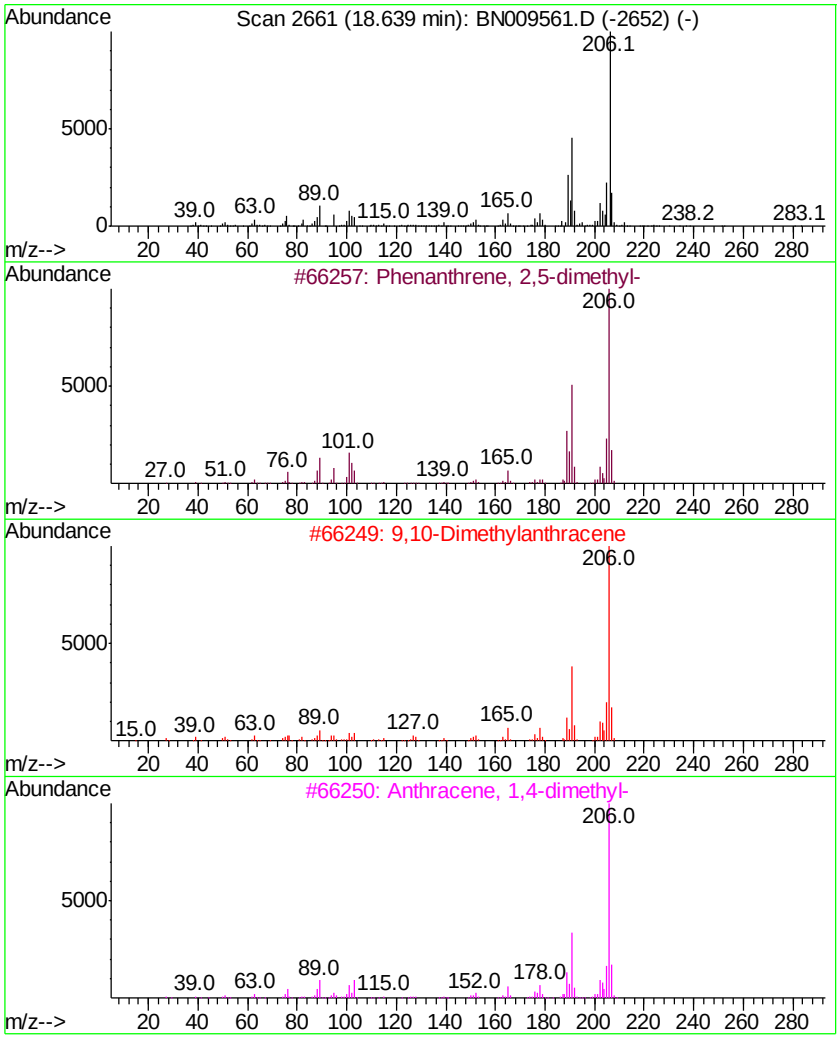
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

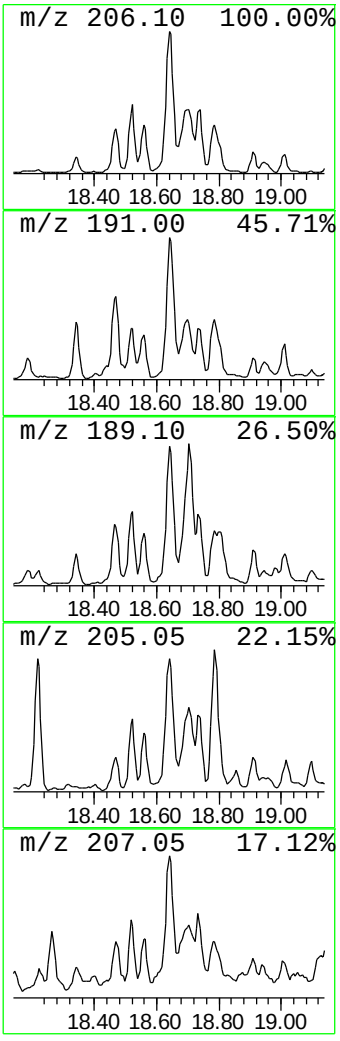
****

Peak Number 20 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	33.03 ng/ul	3453640	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

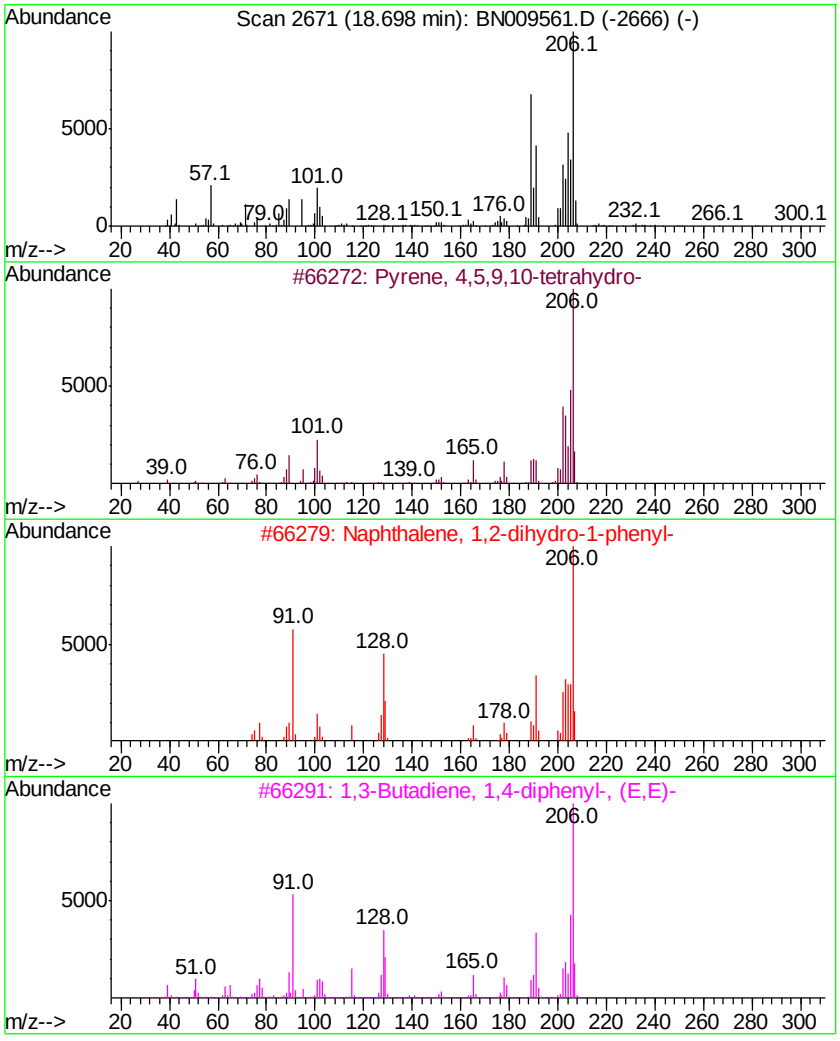
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

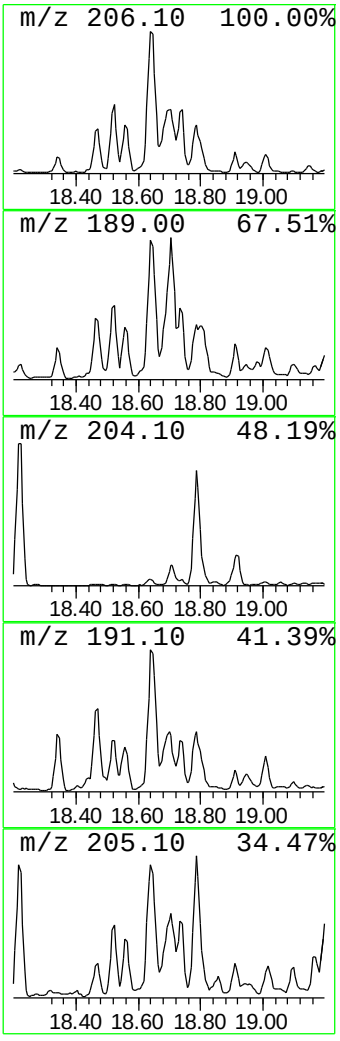
****

Peak Number 21 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	21.70 ng/ul	2268650	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	41
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	30
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

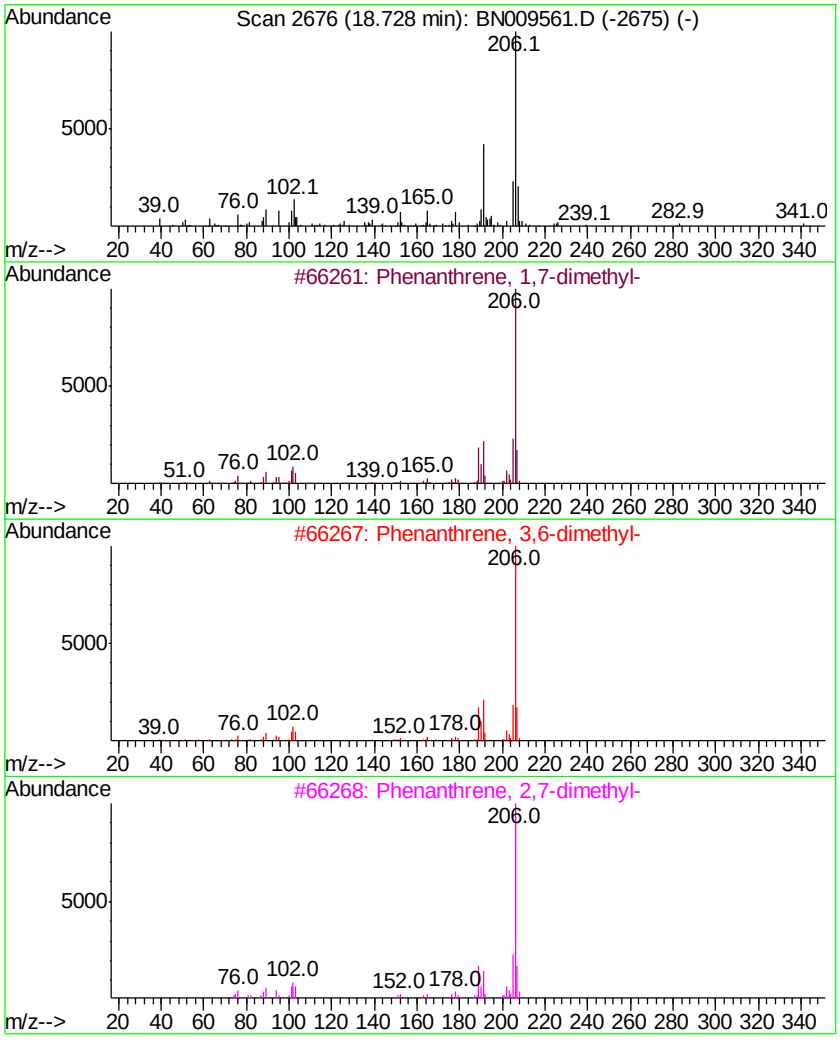
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

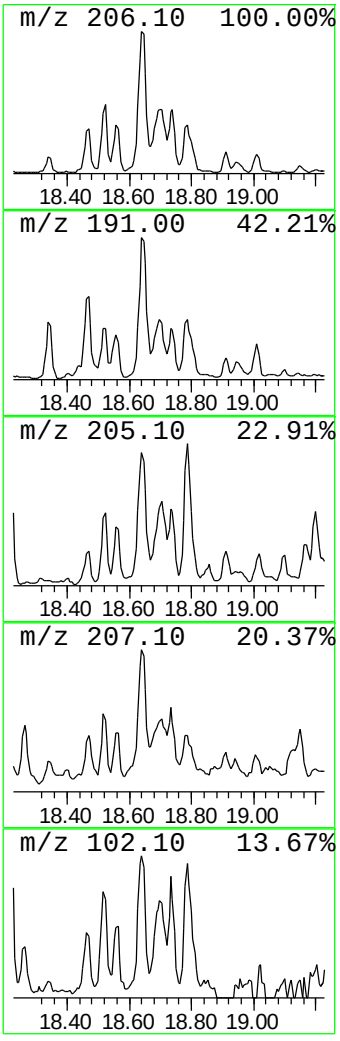
****

Peak Number 22 Phenanthrene, 1,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	8.14 ng/ul	851353	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

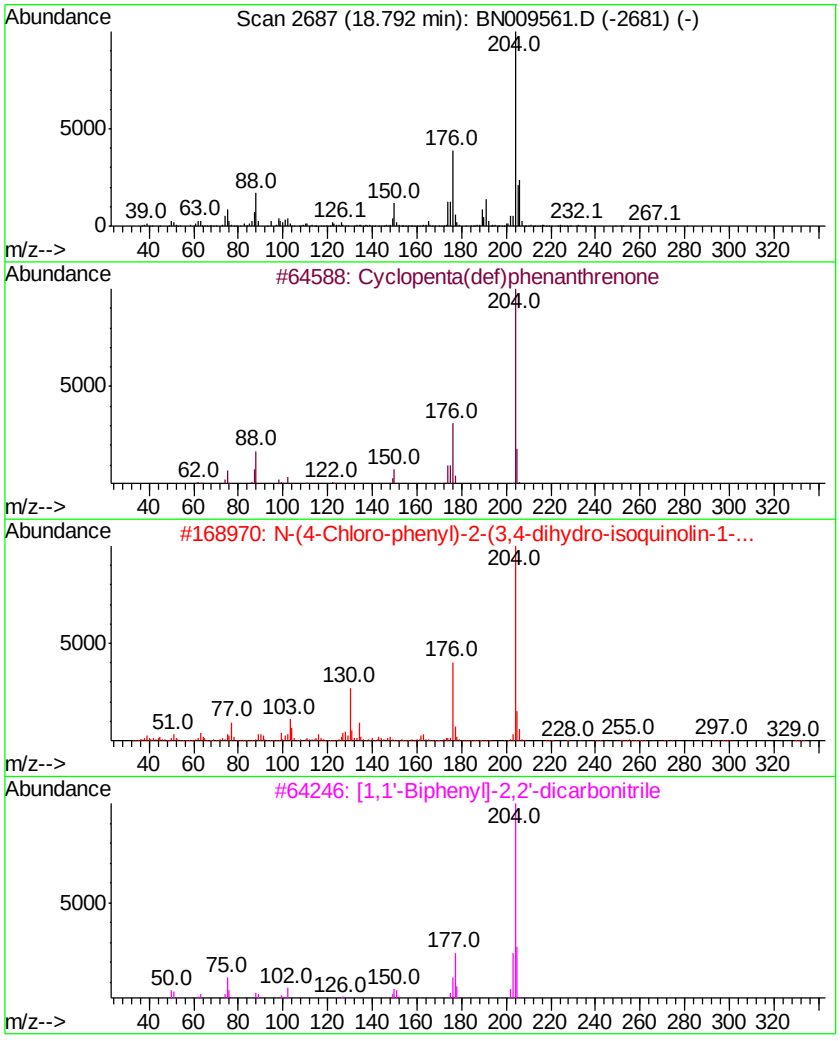
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

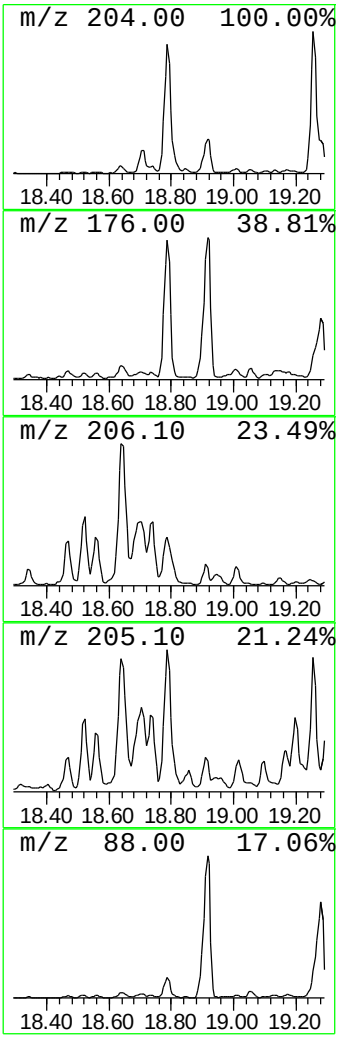
****

Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	30.86 ng/ul	3227050	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

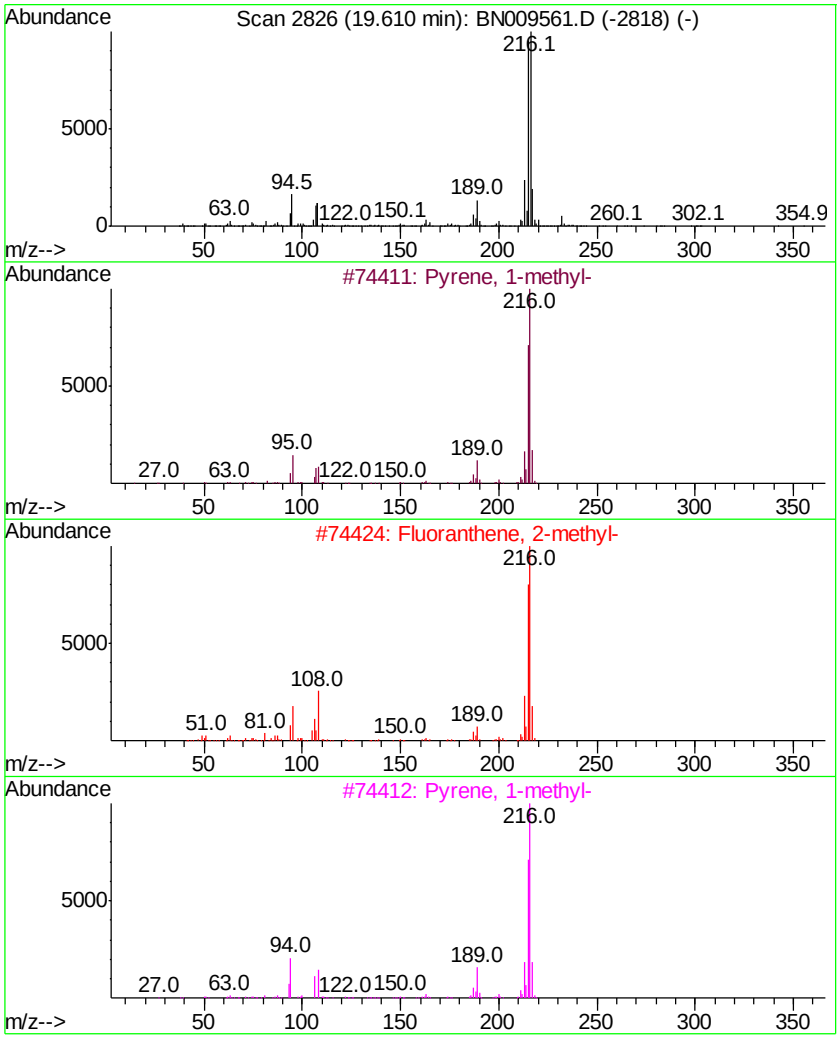
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

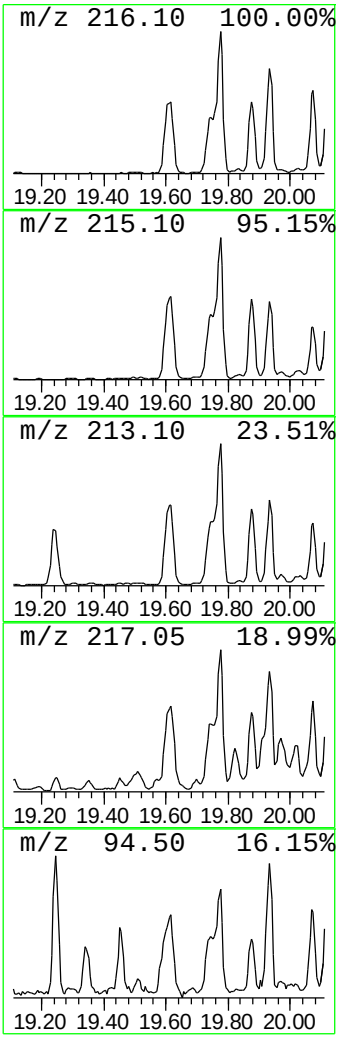
****

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	3.45 ng/ul	4547940	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

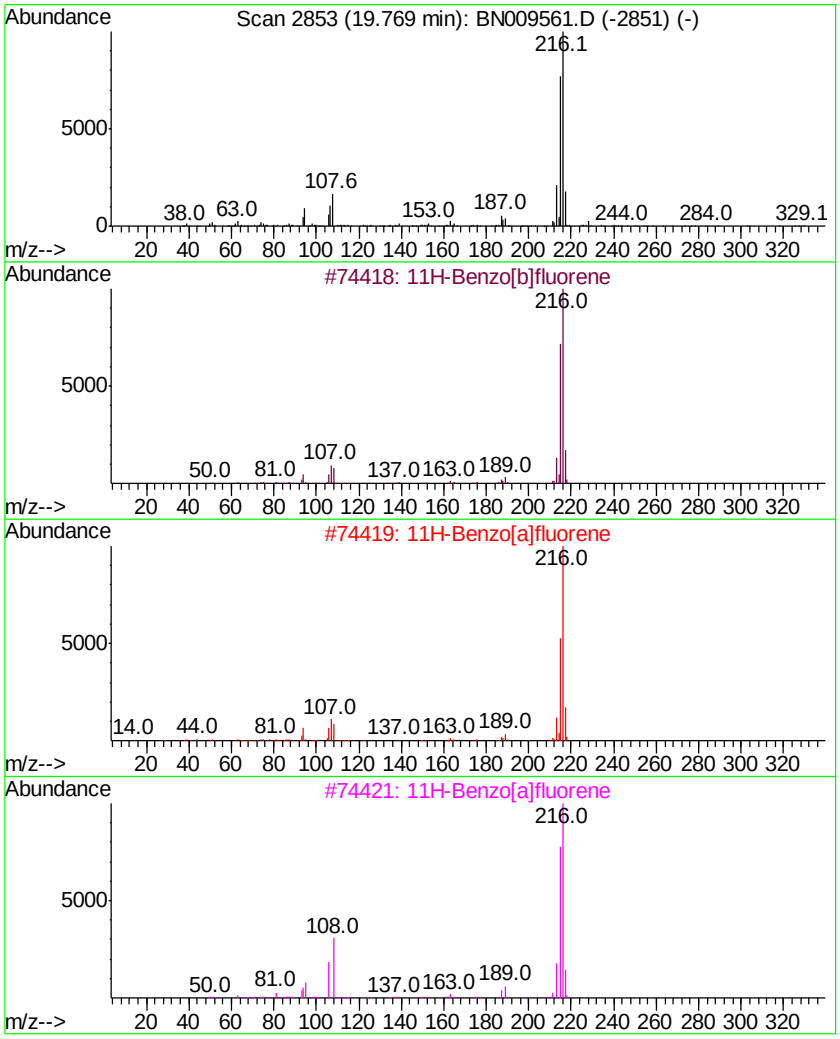
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

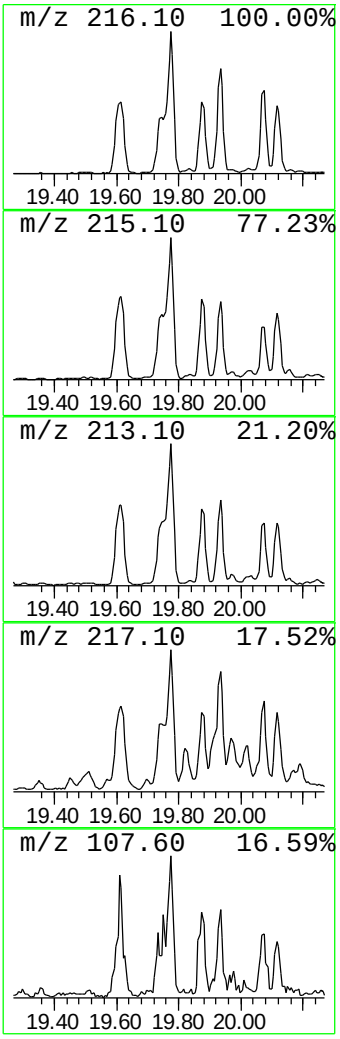
****

Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.84 ng/ul	3738280	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

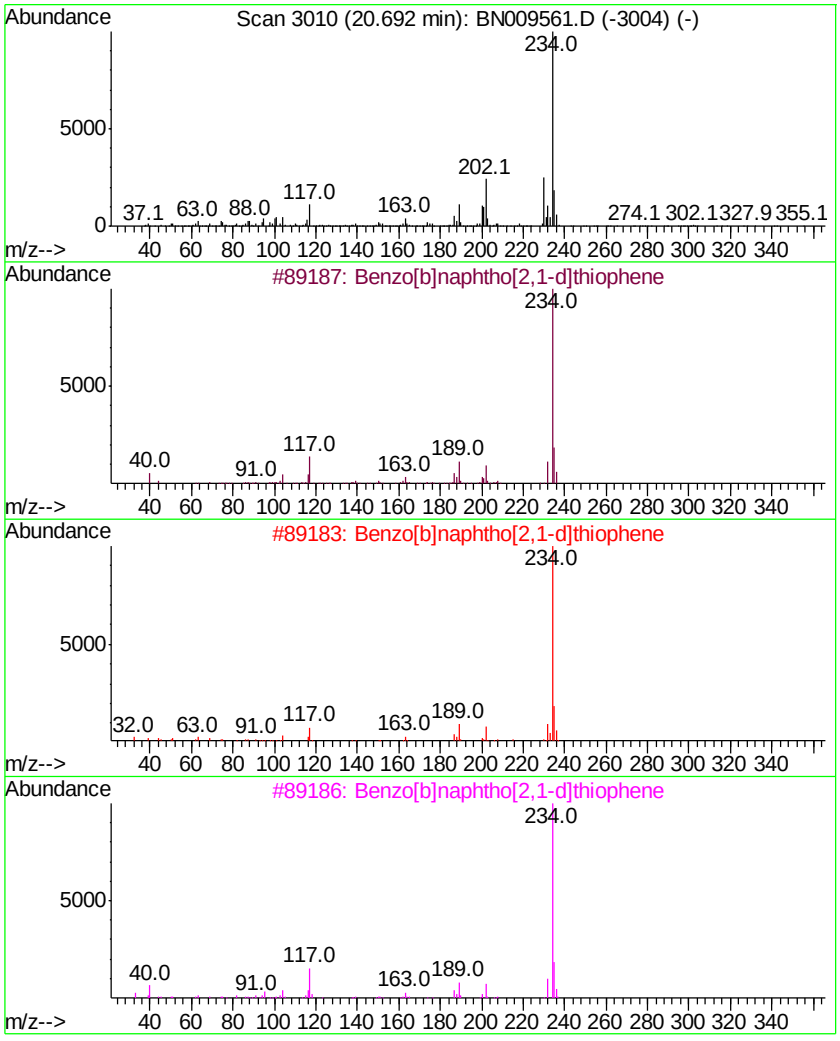
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

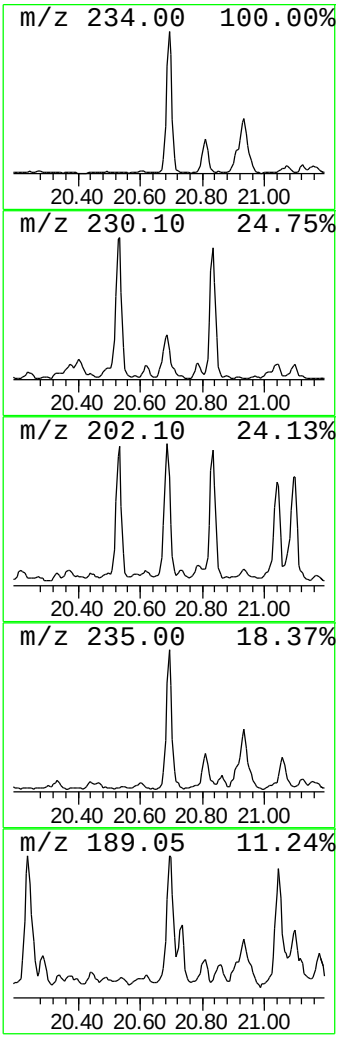
****

Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	3.16 ng/ul	4164460	Chrysene-d12	21.06

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[2,1-d]thiophene	234	C16H10S	000239-35-0	91
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

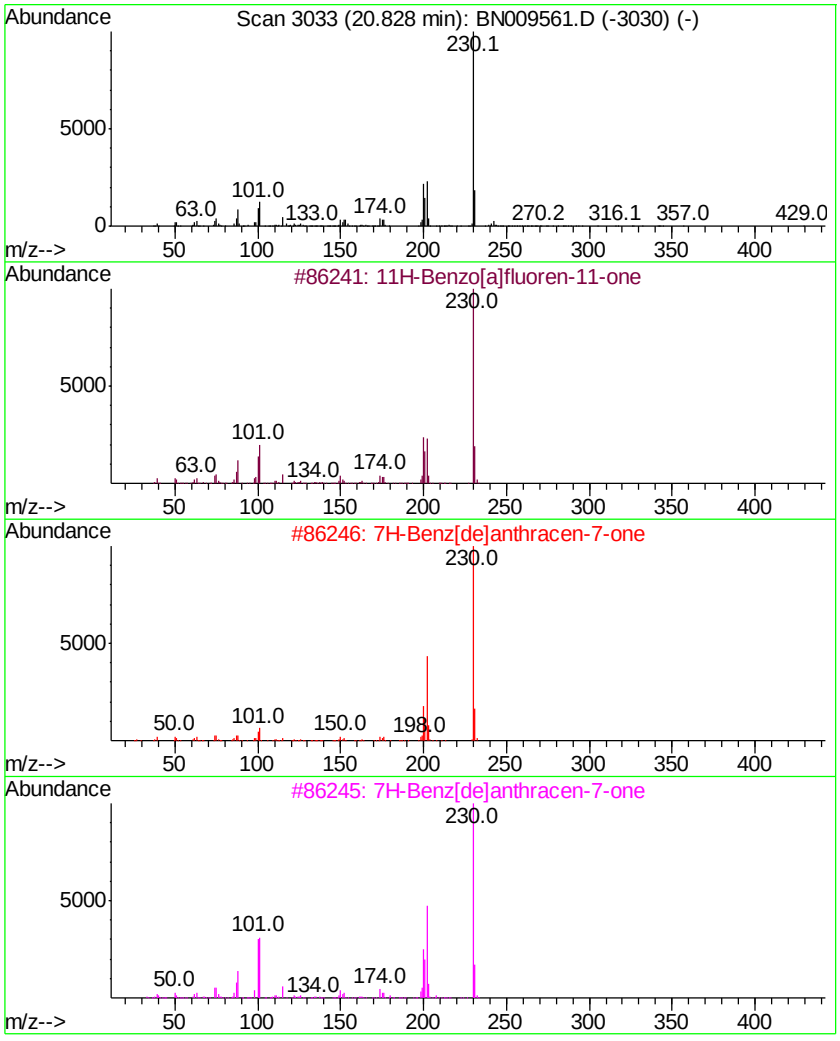
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

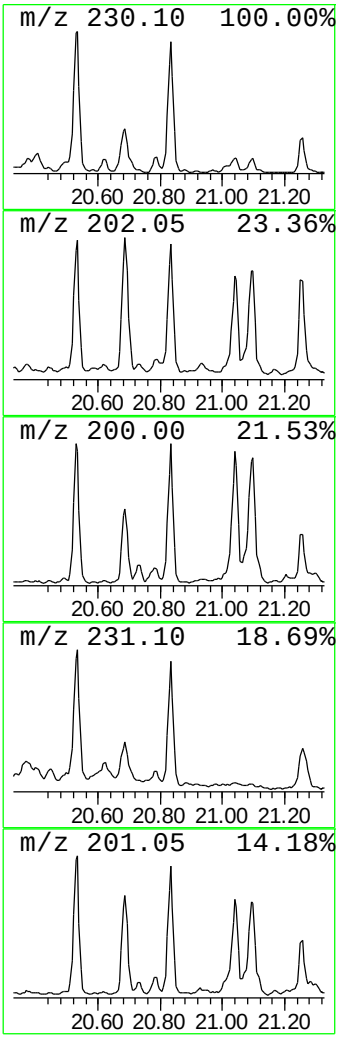
****

Peak Number 30 11H-Benzo[a]fluoren-11-one Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.21 ng/ul	4229890	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

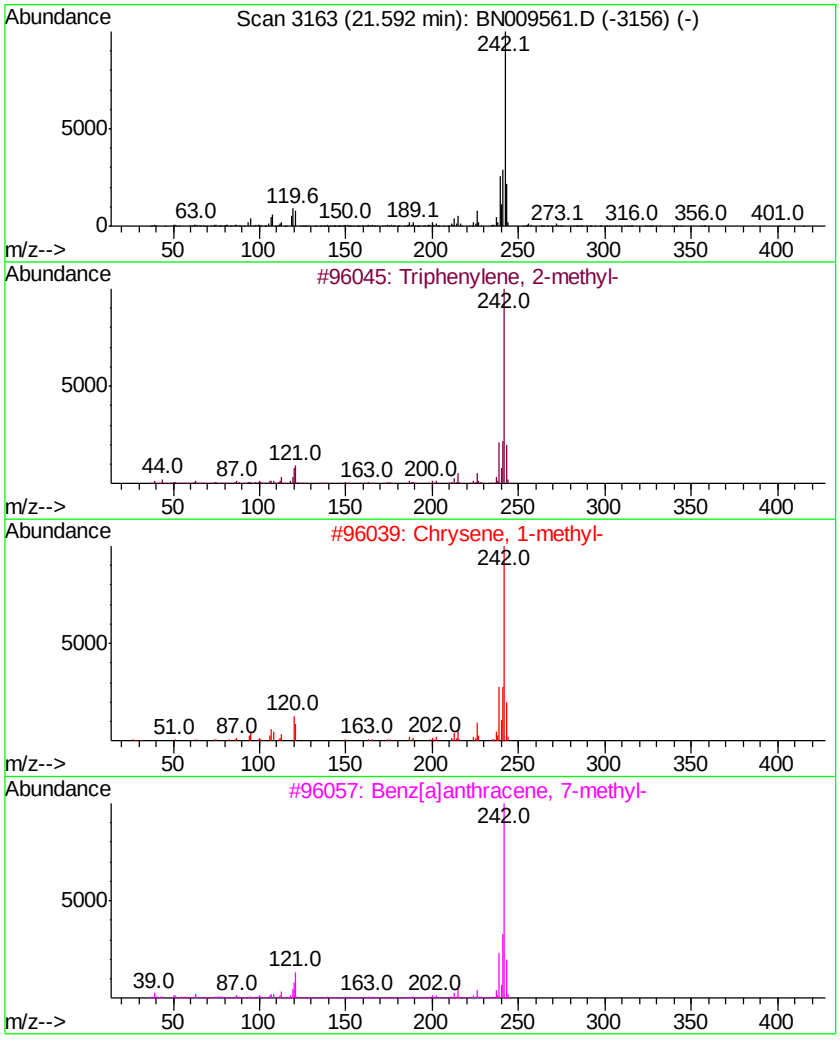
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

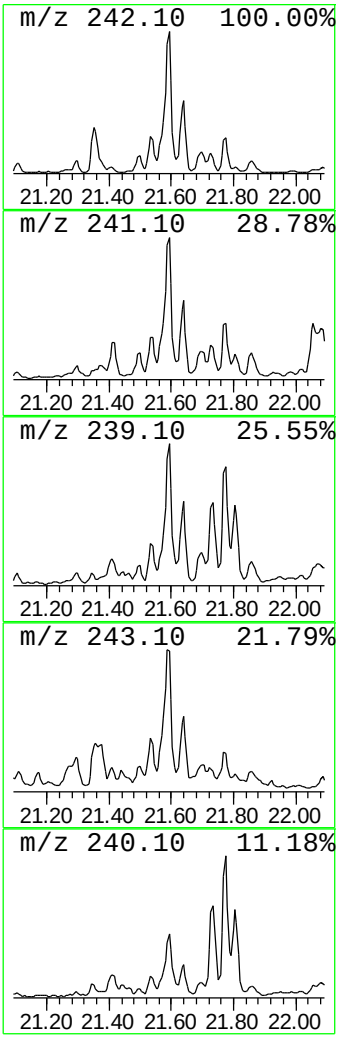
****

Peak Number 31 Triphenylene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.80 ng/ul	5013210	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009561.D
Acq On : 04 Feb 2020 13:14
Operator : CG/JU
Sample : L1342-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B0AG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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...	15.43	9.2	ng/ul	820448	3	14.07	1782610	20.0
[1,1'-Biphenyl]-4...	15.58	8.6	ng/ul	895997	4	16.83	2091280	20.0
9H-Fluorene, 2-me...	16.15	7.2	ng/ul	755018	4	16.83	2091280	20.0
Benzo[b]benzofura...	16.42	6.4	ng/ul	672679	4	16.83	2091280	20.0
9H-Fluoren-9-one	16.49	9.3	ng/ul	971545	4	16.83	2091280	20.0
Phenol, 4-(2-phen...	16.57	7.7	ng/ul	801920	4	16.83	2091280	20.0
Naphtho[2,1-b]thi...	16.65	9.8	ng/ul	1027180	4	16.83	2091280	20.0
Dibenzo[a,e]cyclo...	17.36	9.1	ng/ul	951013	4	16.83	2091280	20.0
Dibenzothiophene,...	17.42	9.6	ng/ul	1001370	4	16.83	2091280	20.0
Phenanthrene, 2-m...	17.71	33.0	ng/ul	3445220	4	16.83	2091280	20.0
Anthracene, 2-met...	17.76	46.6	ng/ul	4869710	4	16.83	2091280	20.0
Phenanthrene, 1-m...	17.84	20.2	ng/ul	2115680	4	16.83	2091280	20.0
4H-Cyclopenta[def...	17.90	49.6	ng/ul	5192100	4	16.83	2091280	20.0
Phenanthrene, 4-m...	17.94	24.7	ng/ul	2585590	4	16.83	2091280	20.0
Naphthalene, 2-ph...	18.22	27.3	ng/ul	2856890	4	16.83	2091280	20.0
9,10-Anthracenedione	18.26	19.8	ng/ul	2068730	4	16.83	2091280	20.0
Phenanthrene, 4,5...	18.47	11.7	ng/ul	1217710	4	16.83	2091280	20.0
Phenanthrene, 3,6...	18.52	10.4	ng/ul	1085080	4	16.83	2091280	20.0
Phenanthrene, 2,5...	18.56	8.1	ng/ul	843224	4	16.83	2091280	20.0
9,10-Dimethylanth...	18.64	33.0	ng/ul	3453640	4	16.83	2091280	20.0
unknown-01	18.70	21.7	ng/ul	2268650	4	16.83	2091280	20.0
Phenanthrene, 1,7...	18.73	8.1	ng/ul	851353	4	16.83	2091280	20.0
Cyclopenta(def)ph...	18.79	30.9	ng/ul	3227050	4	16.83	2091280	20.0
Pyrene, 1-methyl-	19.61	3.5	ng/ul	4547940	5	21.06	26364800	20.0
11H-Benzo[b]fluorene	19.77	2.8	ng/ul	3738280	5	21.06	26364800	20.0
Benzo[b]naphtho[2...	20.69	3.2	ng/ul	4164460	5	21.06	26364800	20.0
11H-Benzo[a]fluor...	20.83	3.2	ng/ul	4229890	5	21.06	26364800	20.0
Triphenylene, 2-m...	21.59	3.8	ng/ul	5013210	5	21.06	26364800	20.0