LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.987	640	646	656	rVB2	482718	864349	10.96%	0.650%
2	7.152	668	674	687	rVB	408474	664636	8.43%	0.500%
3	7.352	702	708	718	rVB	529716	869436	11.02%	0.654%
4	7.822	781	788	796	rBV	762192	1243001	15.76%	0.935%
5	8.522	901	907	918	rBV	545427	888110	11.26%	0.668%
6	8.975	977	984	993	rVB	457665	756055	9.59%	0.569%
7	9.699	1100	1107	1120	rBV	346403	599255	7.60%	0.451%
8	10.240	1191	1199	1216	rVB	593359	1043565	13.23%	0.785%
9	10.616	1255	1263	1269	rBV	982849	1681283	21.32%	1.265%
10	10.751	1279	1286	1300	rBV	430982	787561	9.99%	0.592%
11	13.787	1795	1802	1807	rVV	131079	234461	2.97%	0.176%
12	13.875	1807	1817	1821	rVV	1012032	1569022	19.90%	1.180%
13	14.157	1859	1865	1869	rBV	1296254	2137780	27.11%	1.608%
14	14.469	1907	1918	1924	rVV	1406140	2147706	27.23%	1.615%
15	14.669	1947	1952	1963	rBV3	295730	617106	7.82%	0.464%
16	14.869	1979	1986	1993	rVV3	166761	354286	4.49%	0.266%
17	15.087	2015	2023	2028	rBV2	130394	266528	3.38%	0.200%
18	15.463	2082	2087	2092	rVB	1614397	2225466	28.22%	1.674%
19	15.516	2092	2096	2105	rVB3	170609	288853	3.66%	0.217%
20	15.592	2105	2109	2115	rBV	258640	355303	4.51%	0.267%
21	15.816	2141	2147	2158	rVB3	133871	283491	3.59%	0.213%
22	15.969	2164	2173	2181	rVB3	131823	303829	3.85%	0.229%
23	16.198	2208	2212	2225	rVB2	152245	271968	3.45%	0.205%
24	16.534	2261	2269	2273	rVV5	111635	277707	3.52%	0.209%
25	16.763	2299	2308	2311	rBV3	120800	269566	3.42%	0.203%
26	16.881	2323	2328	2335	rVB	381819	585428	7.42%	0.440%
27	17.045	2351	2356	2365	rVB	488549	761340	9.65%	0.573%
28	17.228	2381	2387	2391	rBV	1569160	2442159	30.97%	1.837%
29	17.275	2391	2395	2399	rVV	3567170	5135202	65.11%	3.862%
30	17.328	2399	2404	2408	rVV2	1690385	2588632	32.82%	1.947%
31	17.363	2408	2410	2415	rVB	727924	818735	10.38%	0.616%
32	17.416	2415	2419	2425	rBV3	128924	237204	3.01%	0.178%
33	17.545	2437	2441	2447	rVB2	178894	277728	3.52%	0.209%
34	17.633	2449	2456	2460	rBV	234132	390720	4.95%	0.294%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

35	17.810	2481	2486	2494	rVB	728435	1047704	13.28%	0.788%
36	17.951	2506	2510	2517	rVB	380593	679682	8.62%	0.511%
37	18.022	2518	2522	2526	rBV	238128	371565	4.71%	0.279%
38	18.098	2530	2535	2540	rBV	1013903	1649069	20.91%	1.240%
39	18.145	2540	2543	2550	rVB	1350166	1806932	22.91%	1.359%
40	18.222	2552	2556	2561	rBV	308216	452203	5.73%	0.340%
41	18.280	2561	2566	2571	rBV3	1260342	2290078	29.04%	1.722%
42	18.322	2571	2573	2580	rVB	875774	1110479	14.08%	0.835%
43	18.486	2596	2601	2605	rVB2	342816	450696	5.71%	0.339%
44	18.580	2613	2617	2621	rBV2	726666	1092790	13.86%	0.822%
45	18.628	2621	2625	2635	rVB2	638433	1280764	16.24%	0.963%
46	18.733	2635	2643	2644	rBV2	198958	373163	4.73%	0.281%
47	18.798	2650	2654	2656	rBV	351647	517274	6.56%	0.389%
48	18.822	2656	2658	2662	rVV2	329589	446646	5.66%	0.336%
49	18.869	2663	2666	2670	rVV	370713	509772	6.46%	0.383%
50	18.910	2670	2673	2677	rVB3	360516	468063	5.94%	0.352%
51	18.992	2677	2687	2691	rBV	1187333	2106460	26.71%	1.584%
52	19.045	2691	2696	2699	rVV3	370711	737628	9.35%	0.555%
53	19.080	2699	2702	2705	rVB	366486	418329	5.30%	0.315%
54	19.127	2705	2710	2716	rBV	876656	1411700	17.90%	1.062%
55	19.245	2725	2730	2736	rVB	5452239	7063901	89.57%	5.313%
56	19.310	2736	2741	2744	rBV2	339637	538288	6.83%	0.405%
57	19.339	2744	2746	2750	rVB2	277723	324756	4.12%	0.244%
58	19.392	2750	2755	2759	rBV2	571983	786041	9.97%	0.591%
59	19.480	2766	2770	2774	rBV	593255	776334	9.84%	0.584%
60	19.569	2780	2785	2787	rBV2	2771550	3835923	48.64%	2.885%
61	19.598	2787	2790	2798	rVB	5263515	7351909	93.22%	5.530%
62	19.669	2798	2802	2808	rVB2	520313	892971	11.32%	0.672%
63	19.769	2814	2819	2825	rBV2	266167	510225	6.47%	0.384%
64	19.827	2825	2829	2835	rVB4	374999	609268	7.73%	0.458%
65	19.916	2838	2844	2854	rBV6	679866	1877025	23.80%	1.412%
66	20.004	2854	2859	2862	rBV3	333278	478994	6.07%	0.360%
67	20.045	2862	2866	2869	rBV3	543978	942270	11.95%	0.709%
68	20.151	2881	2884	2886	rBV3	206044	257721	3.27%	0.194%
69	20.239	2893	2899	2903	rBV2	820287	1243154	15.76%	0.935%
70	20.374	2918	2922	2925	rBV	684750	846077	10.73%	0.636%
71	20.416	2926	2929	2933	rVB	643835	802450	10.18%	0.604%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

72	20.622	2961	2964	2967	rBV2	187948	274873	3.49%	0.207%
73	20.727	2979	2982	2988	rBV2	248071	366527	4.65%	0.276%
74	20.816	2992	2997	3002	rVB	1069498	1482195	18.79%	1.115%
75	20.974	3017	3024	3028	rBV3	1128795	2102263	26.66%	1.581%
76	21.016	3028	3031	3033	rVV	554254	665291	8.44%	0.500%
77	21.051	3033	3037	3041	rVV2	503285	923990	11.72%	0.695%
78	21.104	3041	3046	3052	rVB2	866038	1390325	17.63%	1.046%
79	21.216	3062	3065	3073	rVB2	294370	500002	6.34%	0.376%
80	21.316	3076	3082	3087	rVV2	3749746	7886375	100.00%	5.932%
81	21.363	3087	3090	3099	rVB	2646652	3610290	45.78%	2.715%
82	21.445	3100	3104	3107	rBV3	426306	598445	7.59%	0.450%
83	21.533	3116	3119	3127	rBV4	427119	957269	12.14%	0.720%
84	21.645	3134	3138	3142	rBV4	347940	597384	7.57%	0.449%
85	21.692	3143	3146	3156	rVB2	522431	1041860	13.21%	0.784%
86	21.892	3174	3180	3184	rBV	626156	1020543	12.94%	0.768%
87	21.945	3186	3189	3194	rVB	365018	501287	6.36%	0.377%
88	22.098	3211	3215	3226	rVB3	500051	1071389	13.59%	0.806%
89	22.204	3229	3233	3238	rVB3	305740	506514	6.42%	0.381%
90	22.692	3312	3316	3330	rVB5	321975	764978	9.70%	0.575%
91	22.968	3357	3363	3369	rBV2	2022581	5133154	65.09%	3.861%
92	23.151	3389	3394	3401	rVB	442029	848693	10.76%	0.638%
93	23.474	3444	3449	3453	rBV	1103799	1987179	25.20%	1.495%
94	23.527	3453	3458	3462	rVV	1664772	3275004	41.53%	2.463%
95	23.580	3462	3467	3474	rVB	1925753	3739208	47.41%	2.812%
96	23.680	3478	3484	3489	rVV2	1572640	3145869	39.89%	2.366%
97	23.733	3490	3493	3501	rVB2	500349	1020985	12.95%	0.768%
98	24.263	3579	3583	3592	rVB4	253295	545058	6.91%	0.410%
99	26.098	3888	3895	3909	rVB2	823028	2655531	33.67%	1.997%
100	26.845	4015	4022	4040	rVB	509742	1747655	22.16%	1.314%

Sum of corrected areas: 132955911

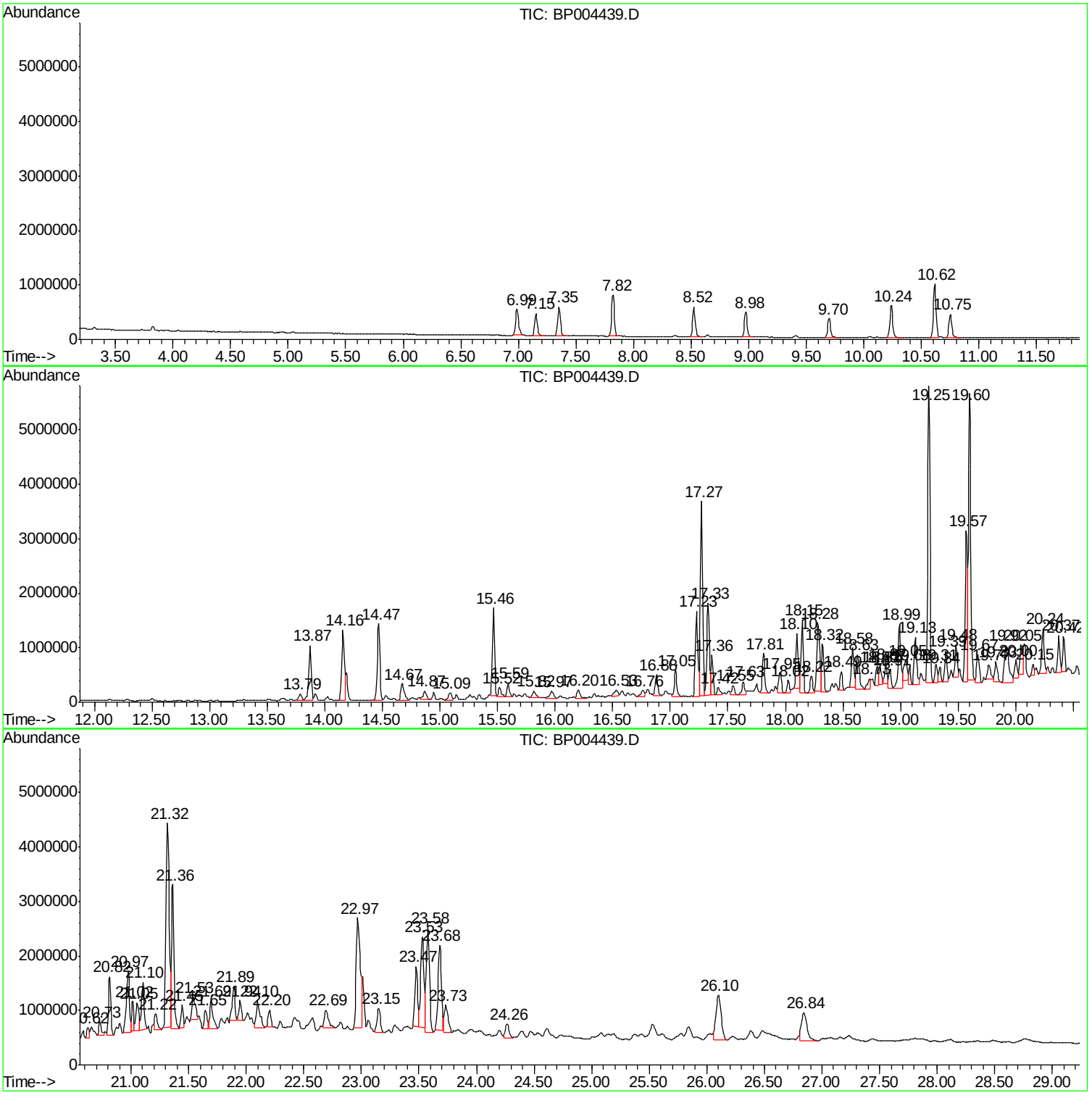
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

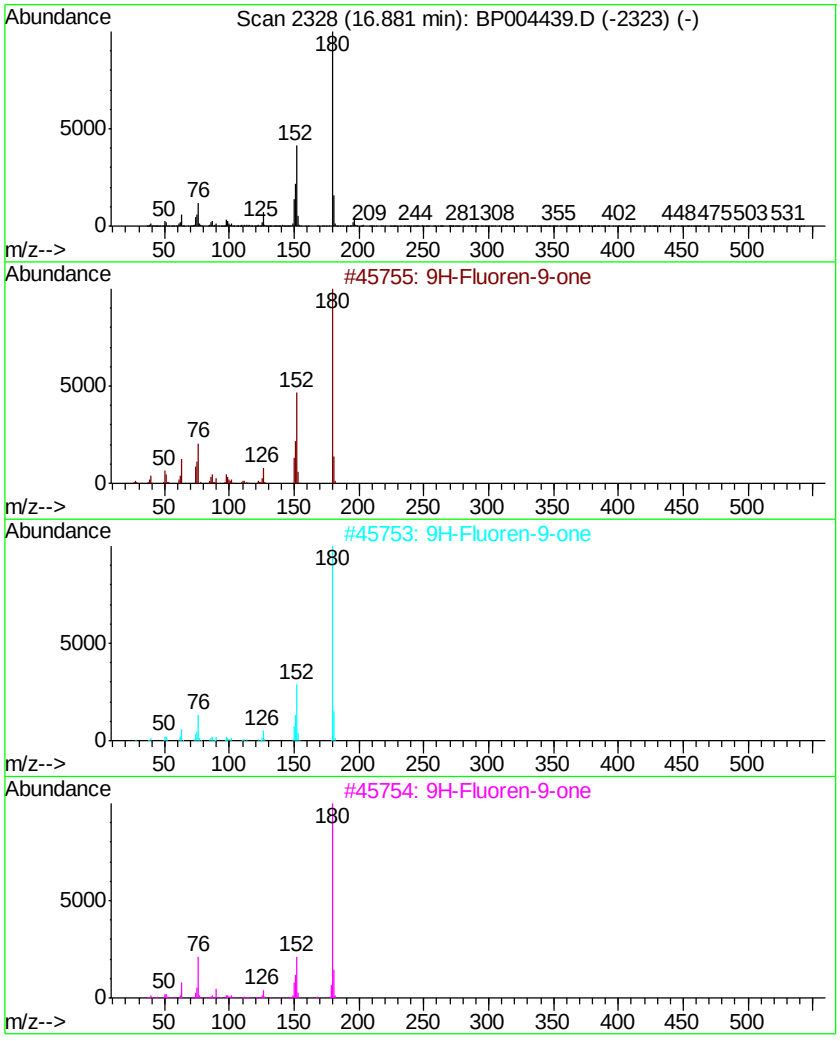
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

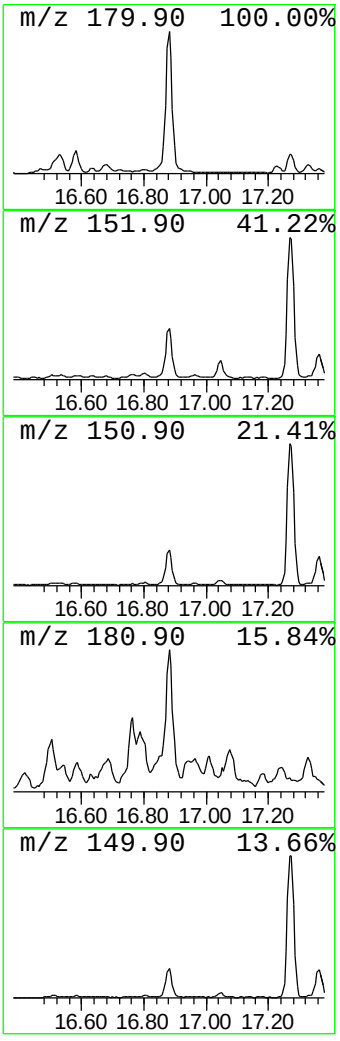
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	4.79 ng/ul	585428	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

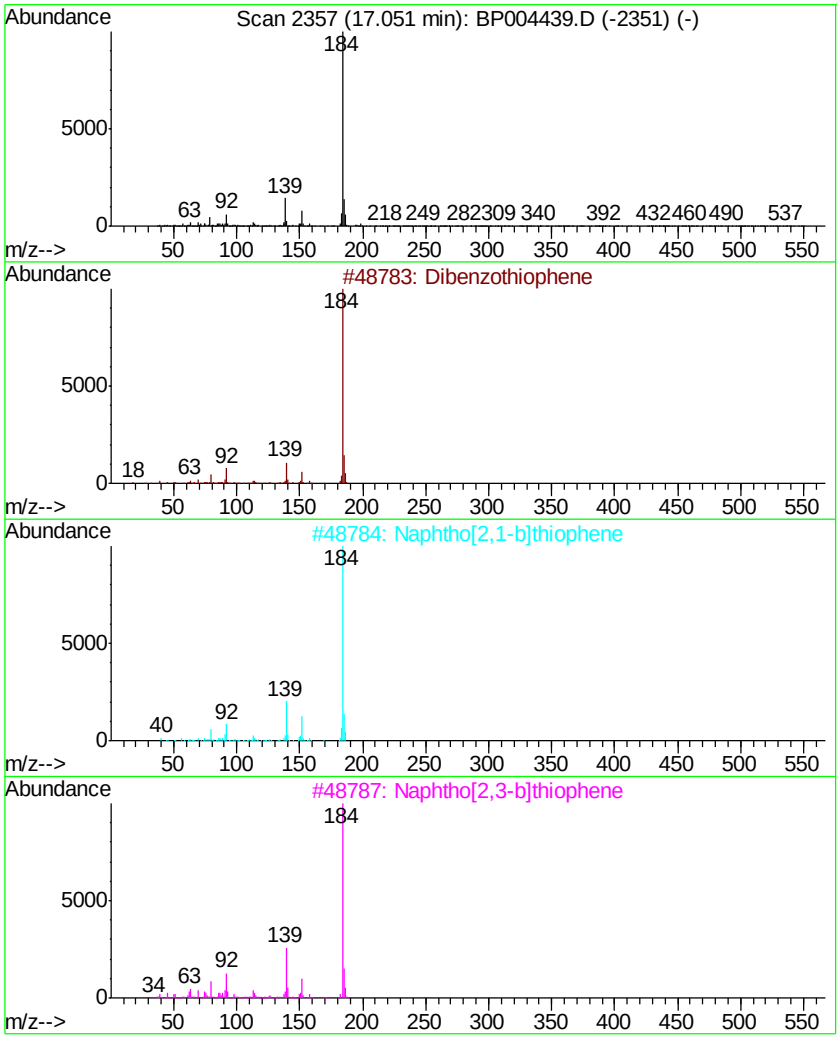
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

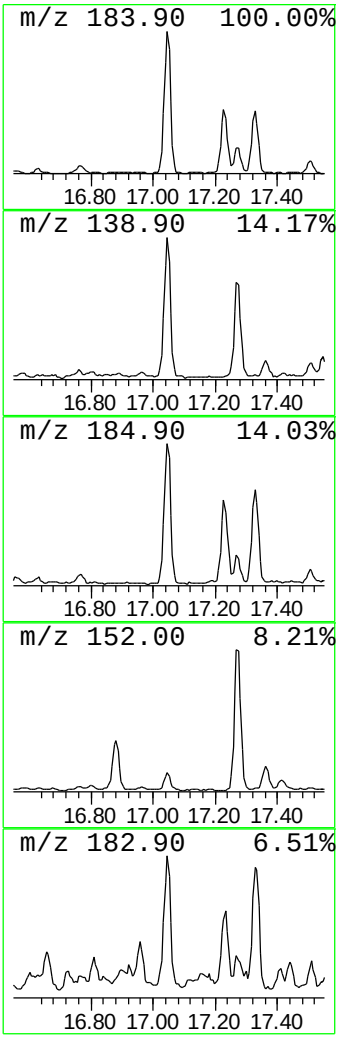
****

Peak Number 9 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	6.23 ng/ul	761340	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

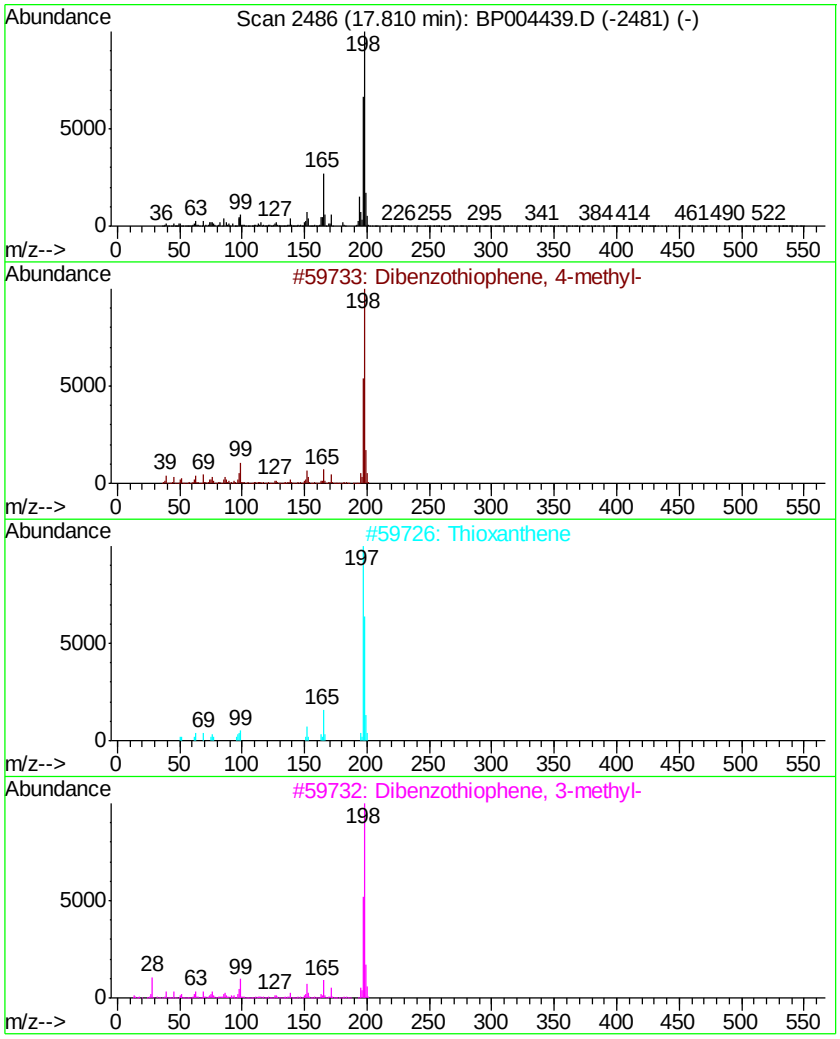
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

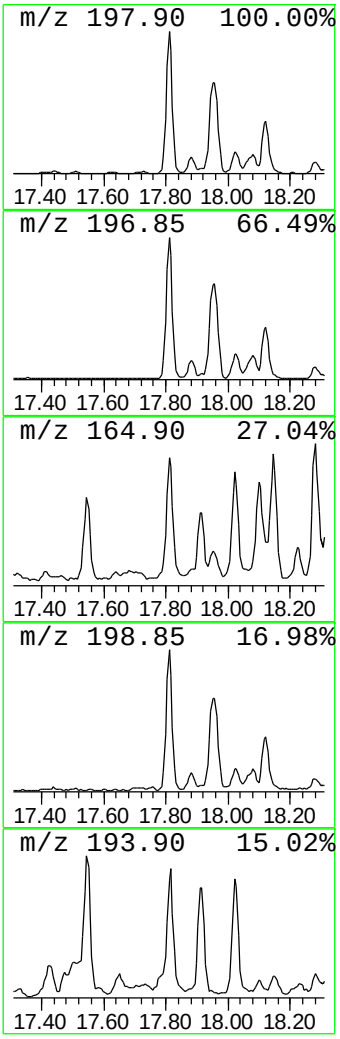
****

Peak Number 11 Dibenzothiophene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	8.58 ng/ul	1047700	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2	Thioxanthene	198	C13H10S	000261-31-4	78
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

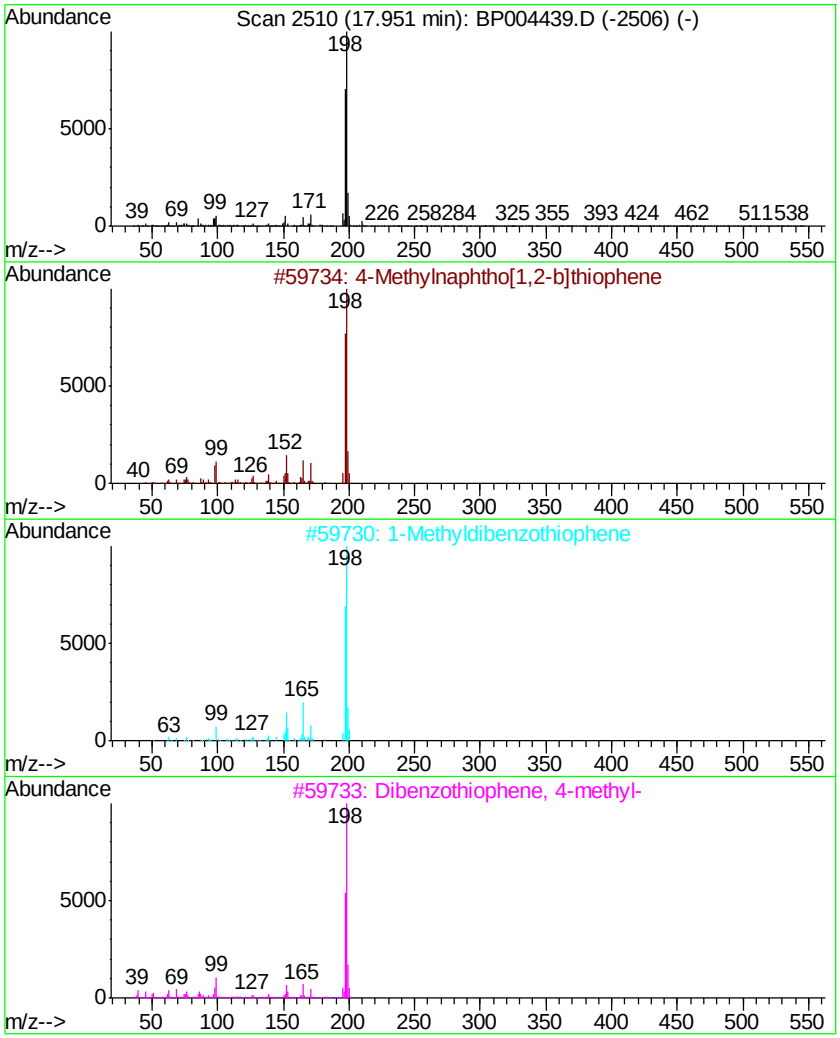
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

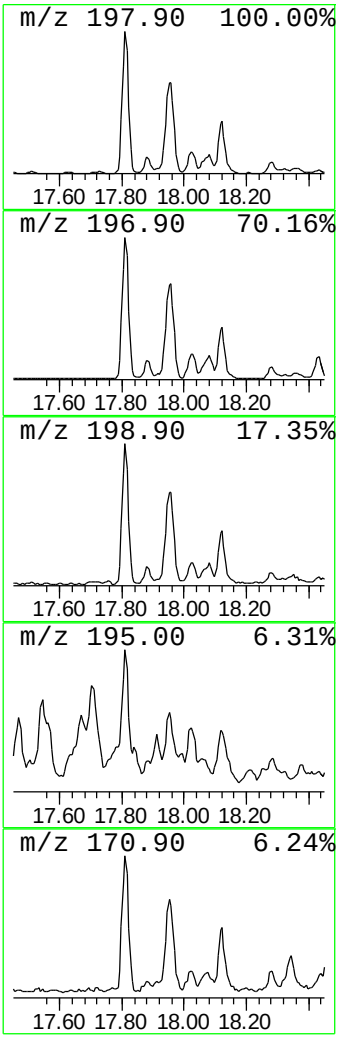
****

Peak Number 12 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	5.57 ng/ul	679682	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	86
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

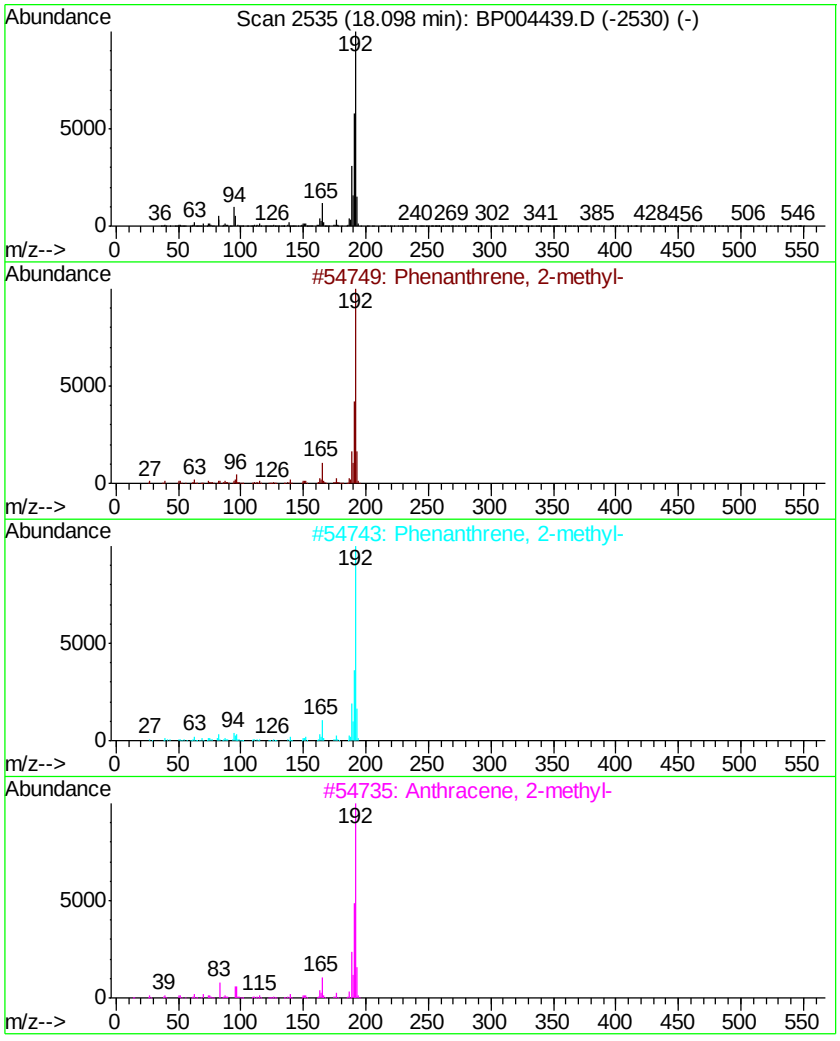
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

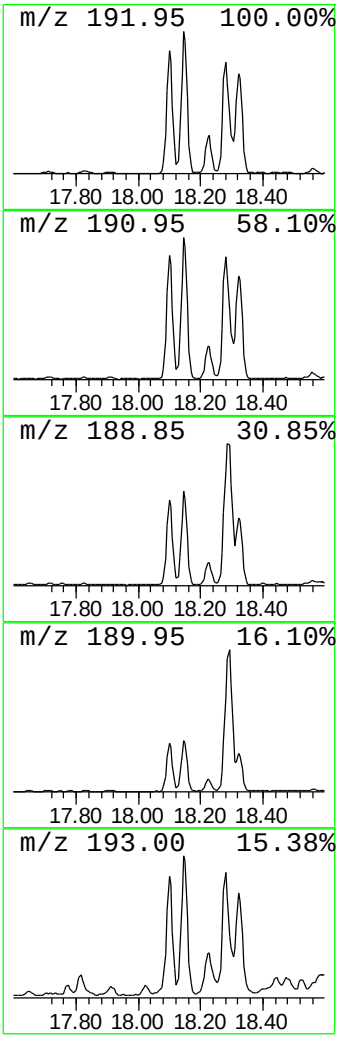
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	13.51 ng/ul	1649070	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

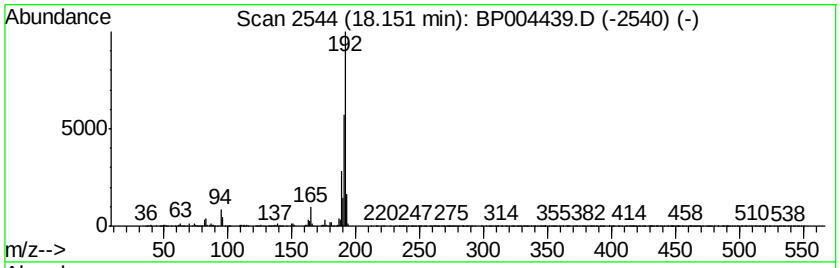
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

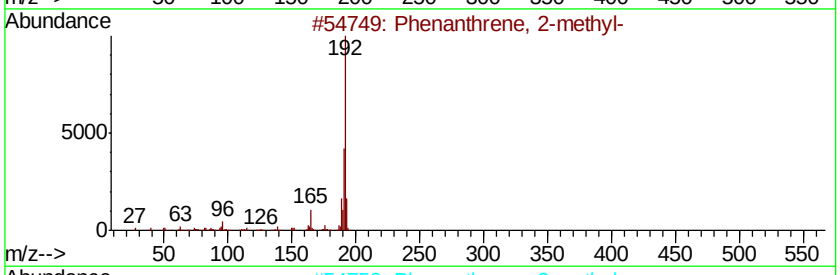
****

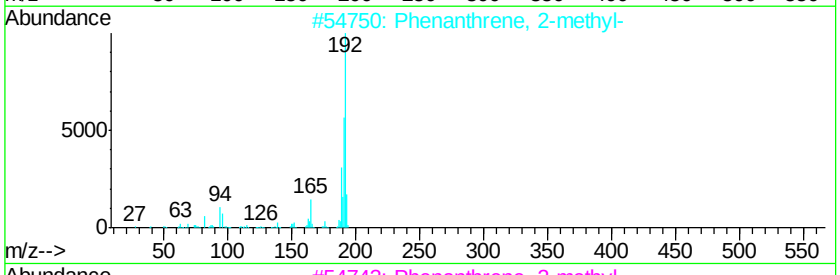
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 3

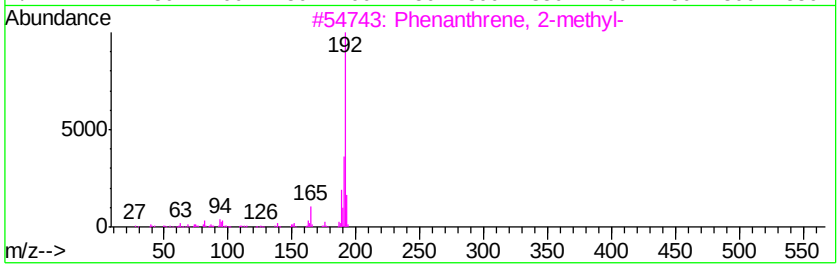
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	14.80 ng/ul	1806930	Phenanthrene-d10	17.23

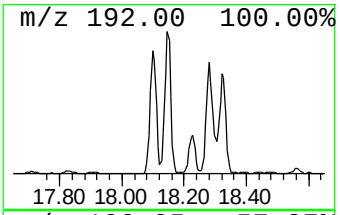
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95

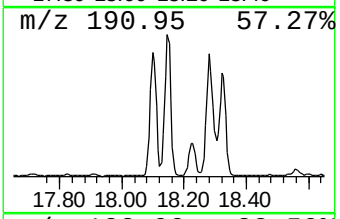


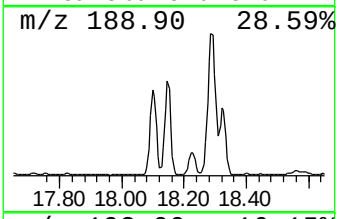


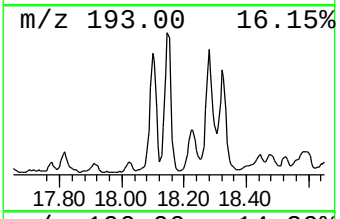


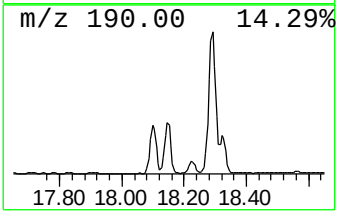












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

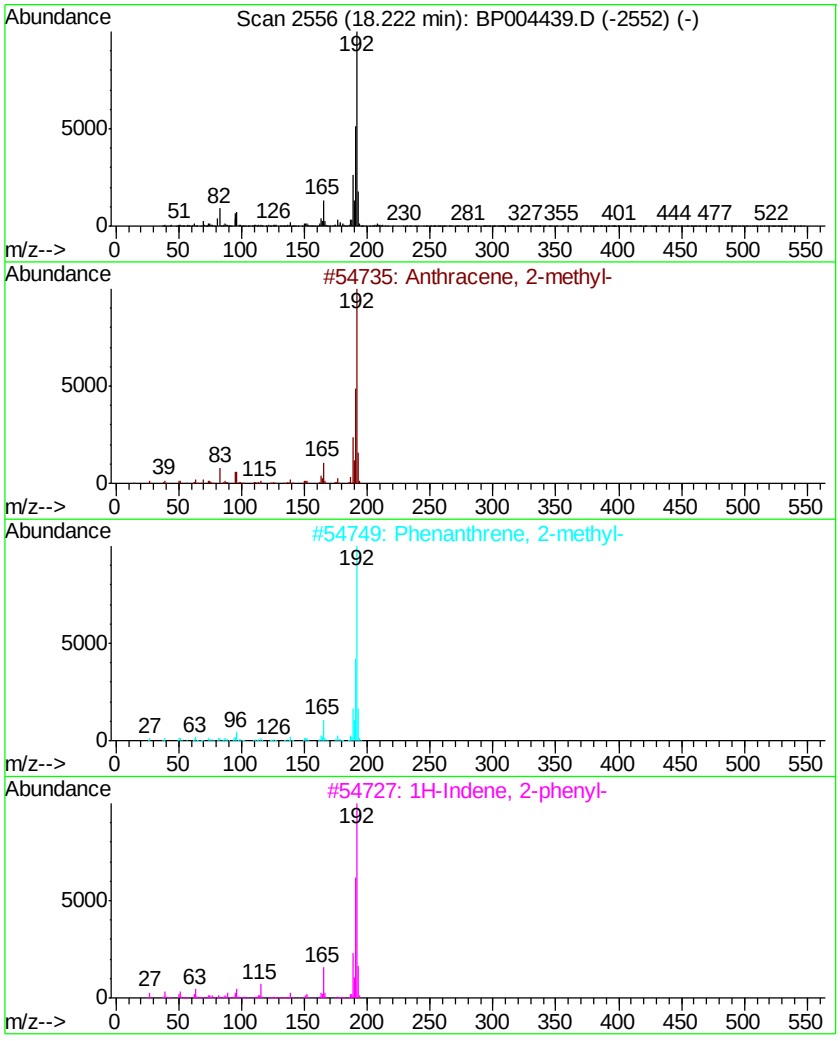
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

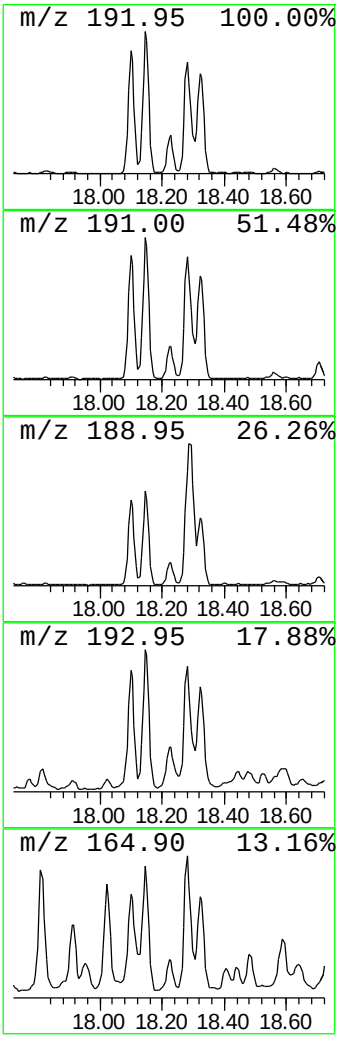
****

Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.70 ng/ul	452203	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

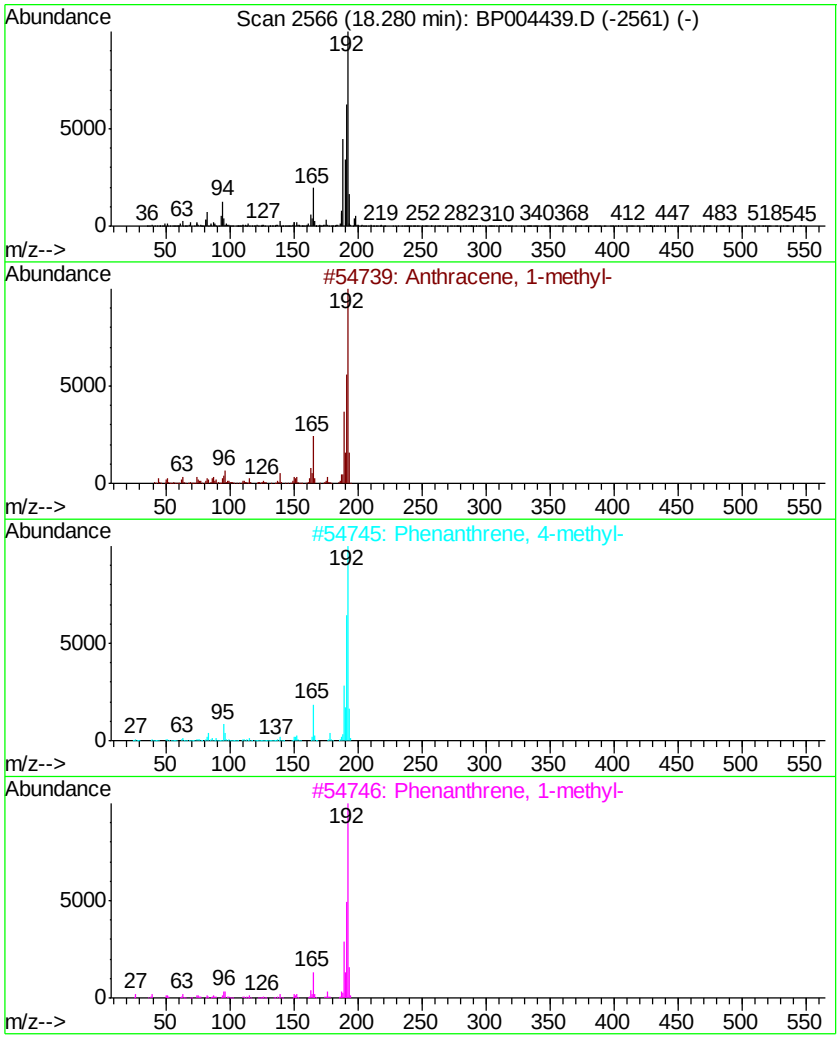
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

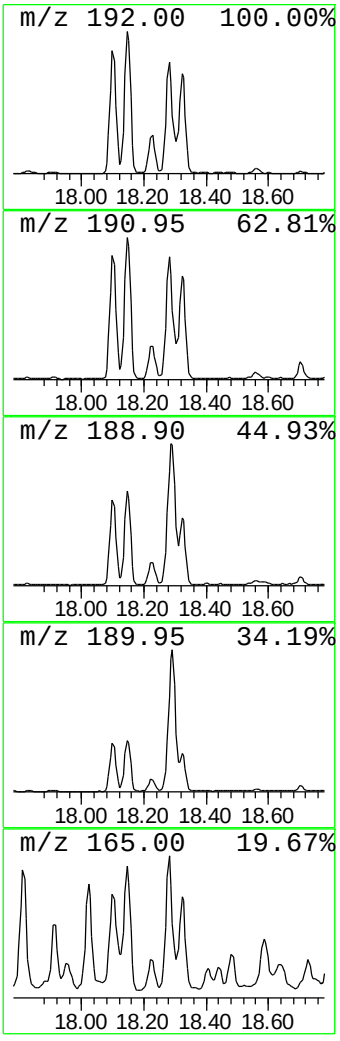
****

Peak Number 17 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	18.75 ng/ul	2290080	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

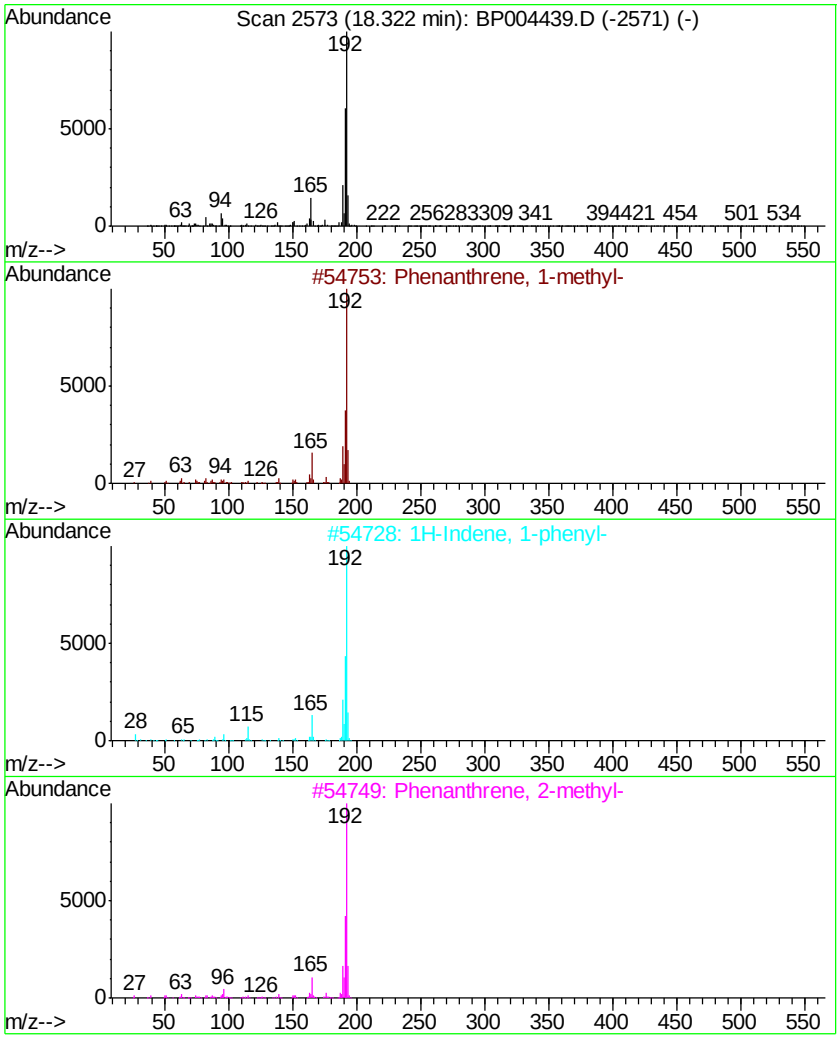
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

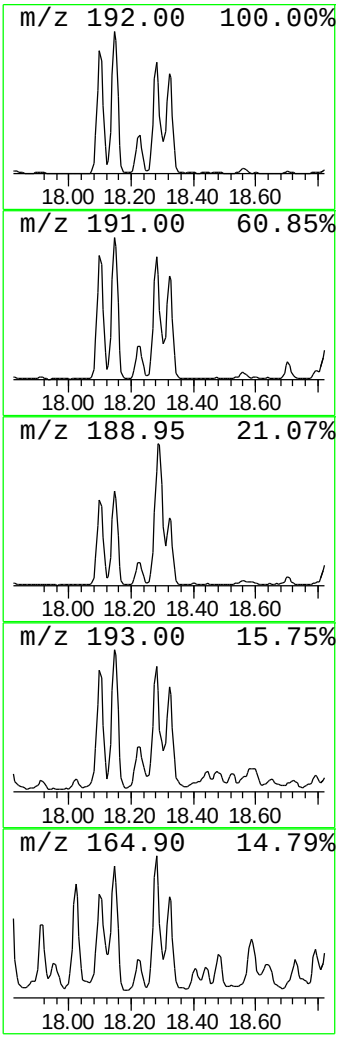
****

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	9.09 ng/ul	1110480	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

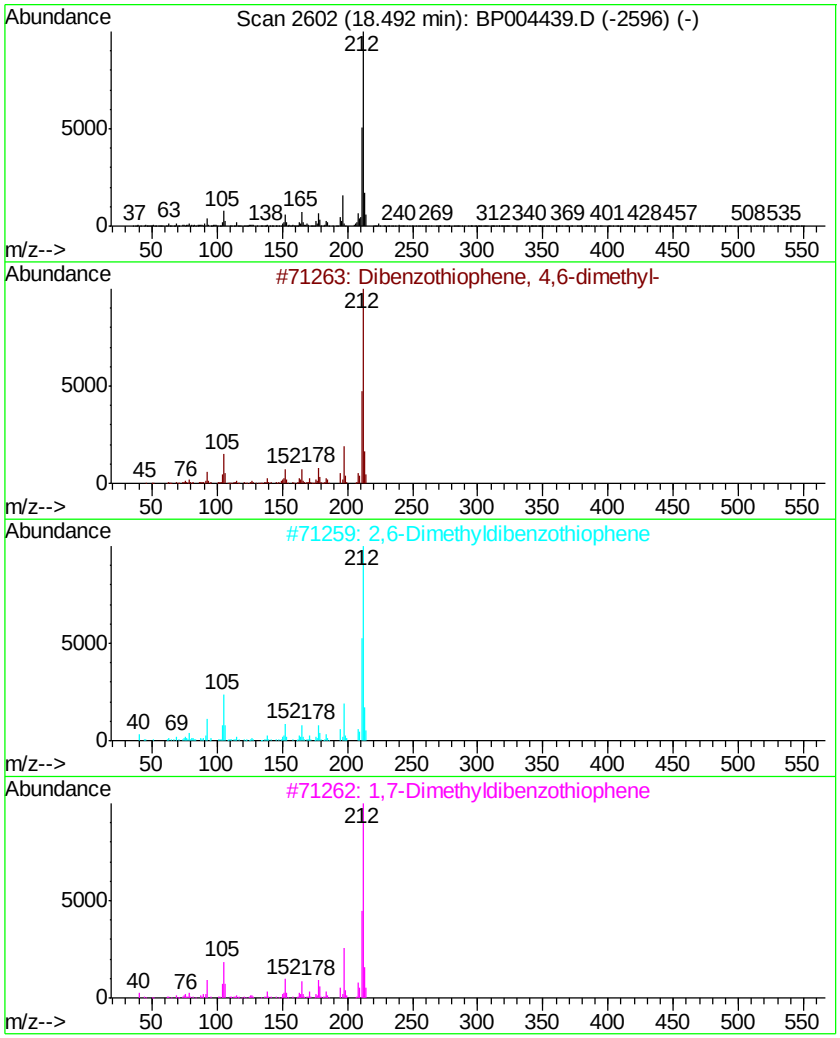
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

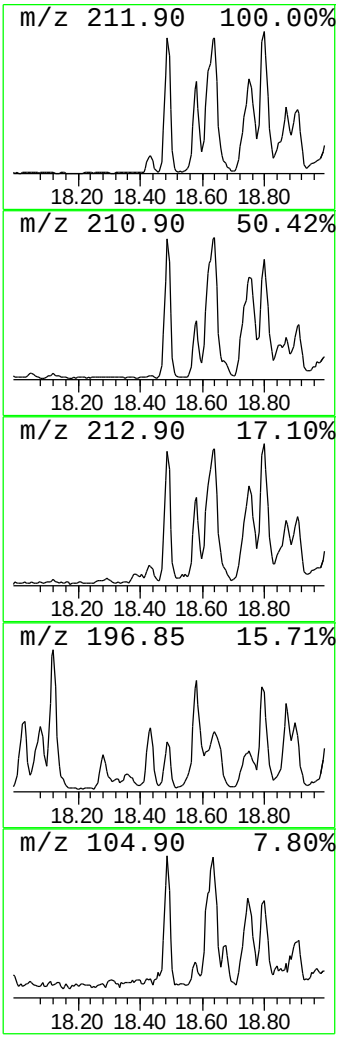
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dibenzothiophene, 4,6-dimet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.69 ng/ul	450696	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	93
3	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	90
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	87
5	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

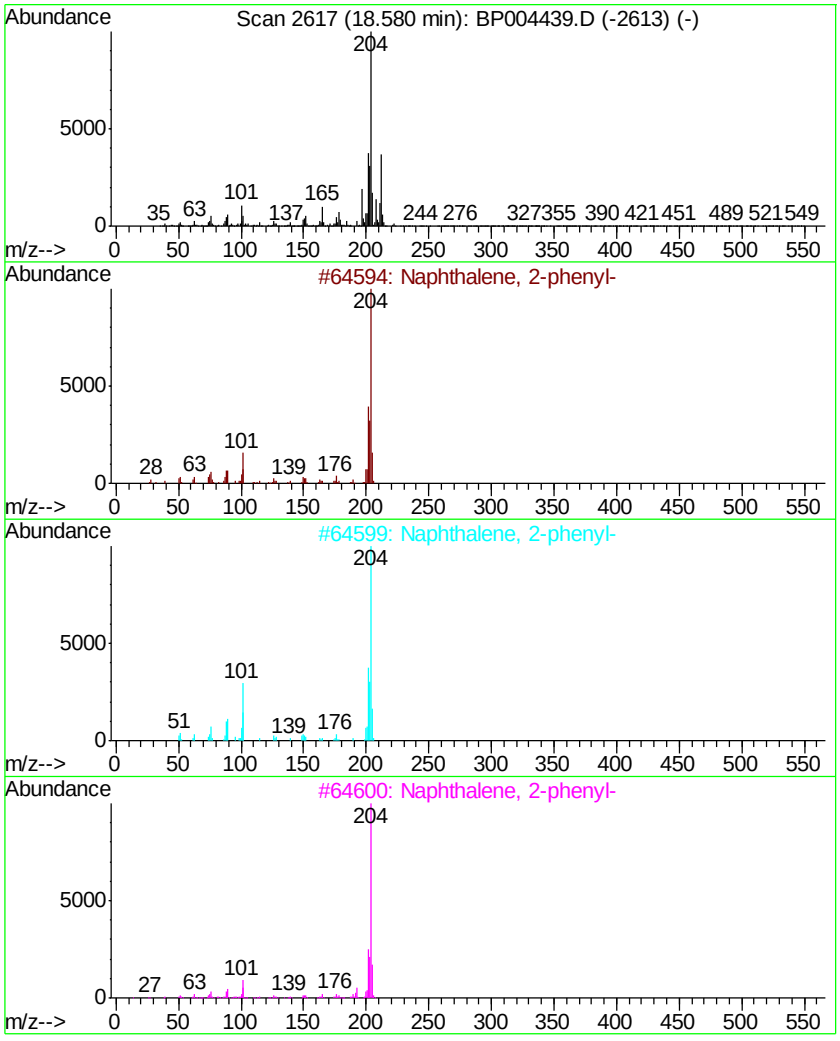
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

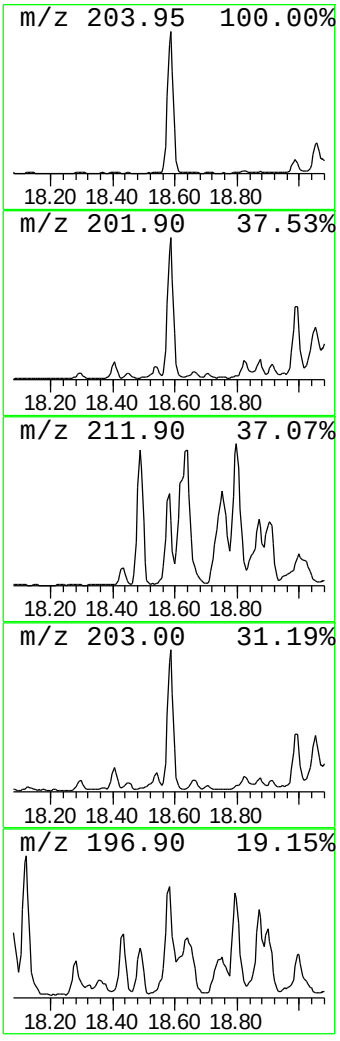
****

Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	8.95 ng/ul	1092790	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

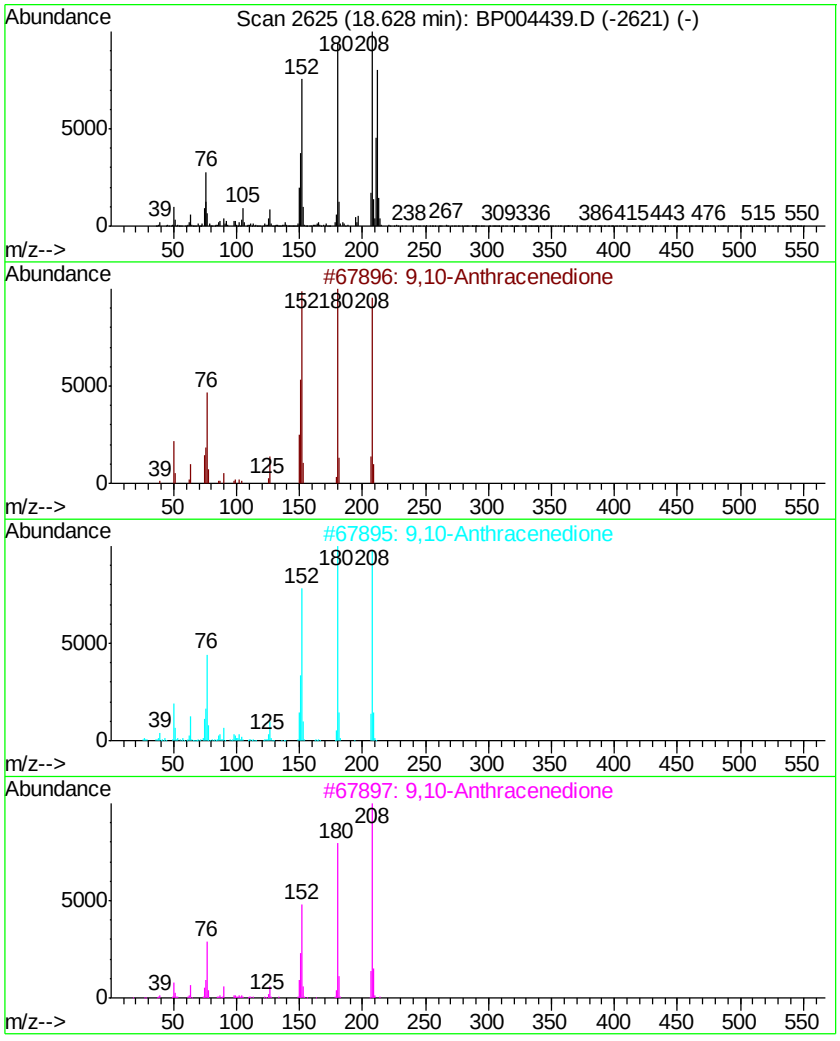
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

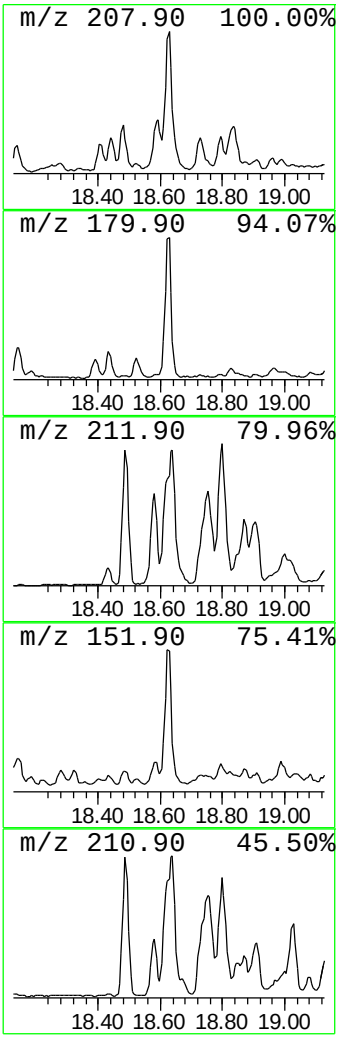
****

Peak Number 21 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	10.49 ng/ul	1280760	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	52
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

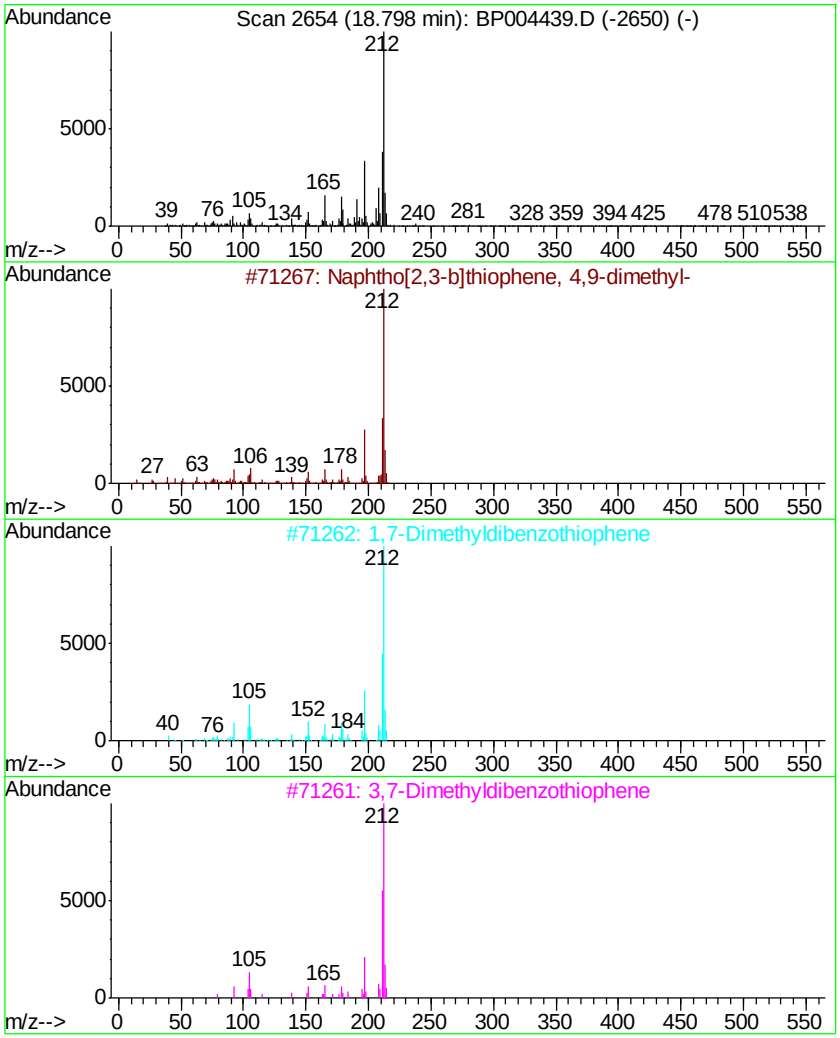
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

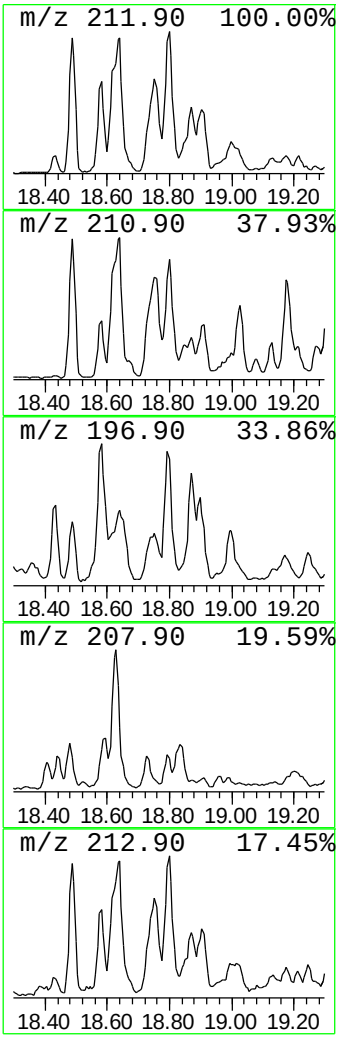
****

Peak Number 23 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.24 ng/ul	517274	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	90
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	89
3	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	83
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	76
5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

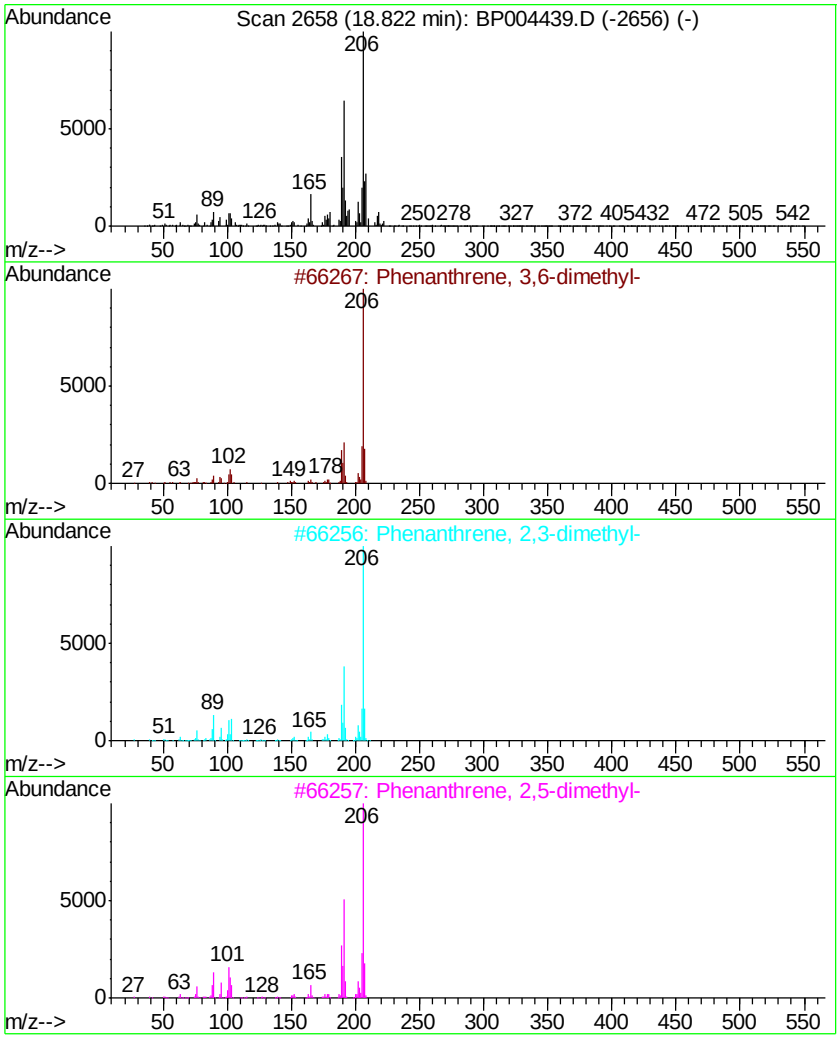
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

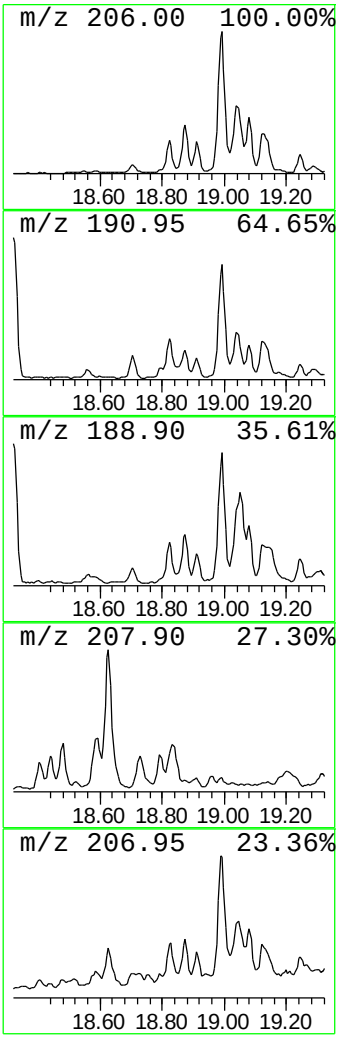
****

Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.66 ng/ul	446646	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

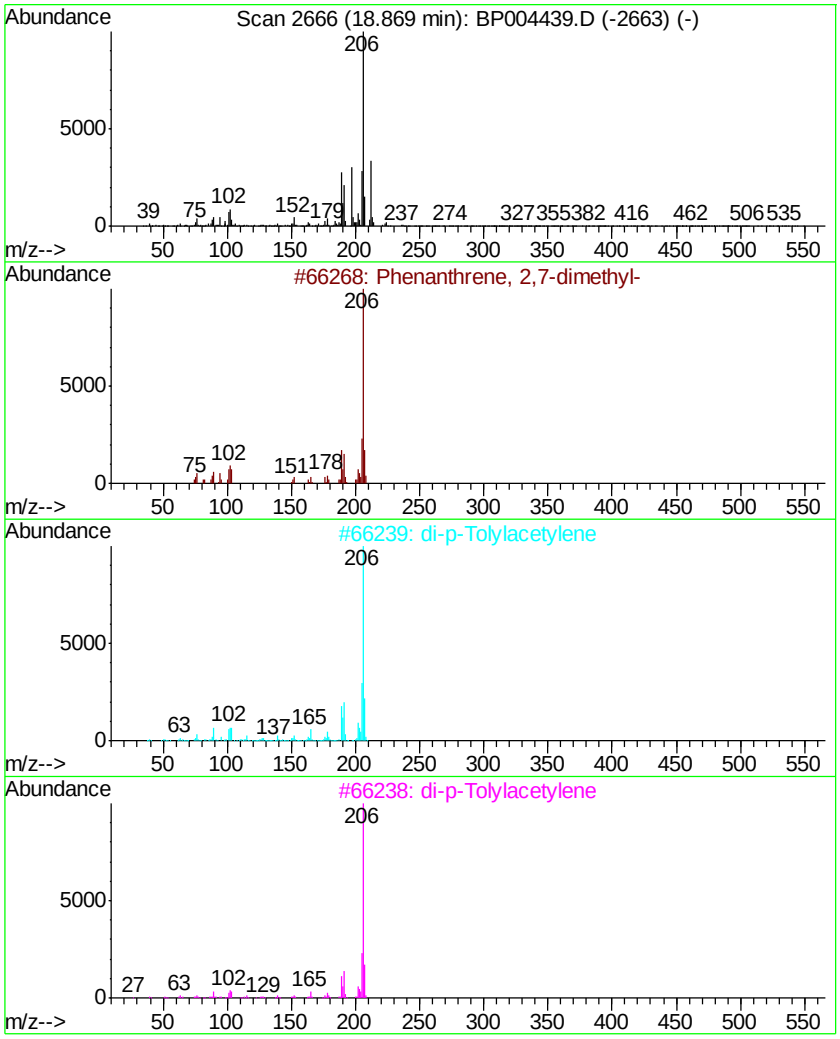
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

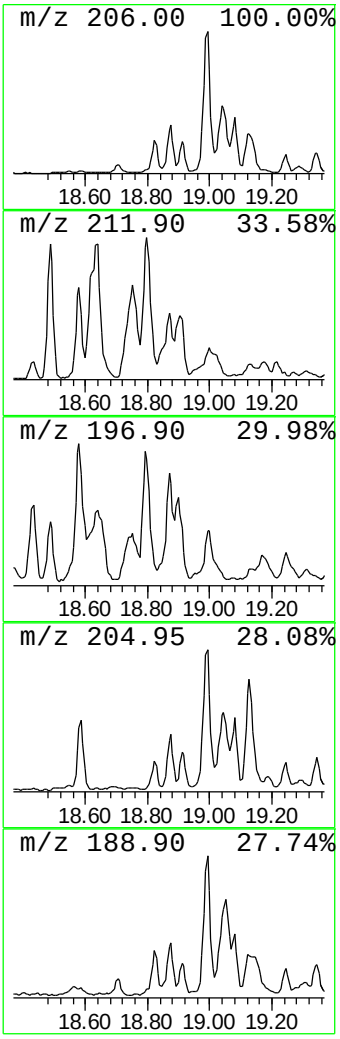
****

Peak Number 25 Phenanthrene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	4.17 ng/ul	509772	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	62
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	62
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

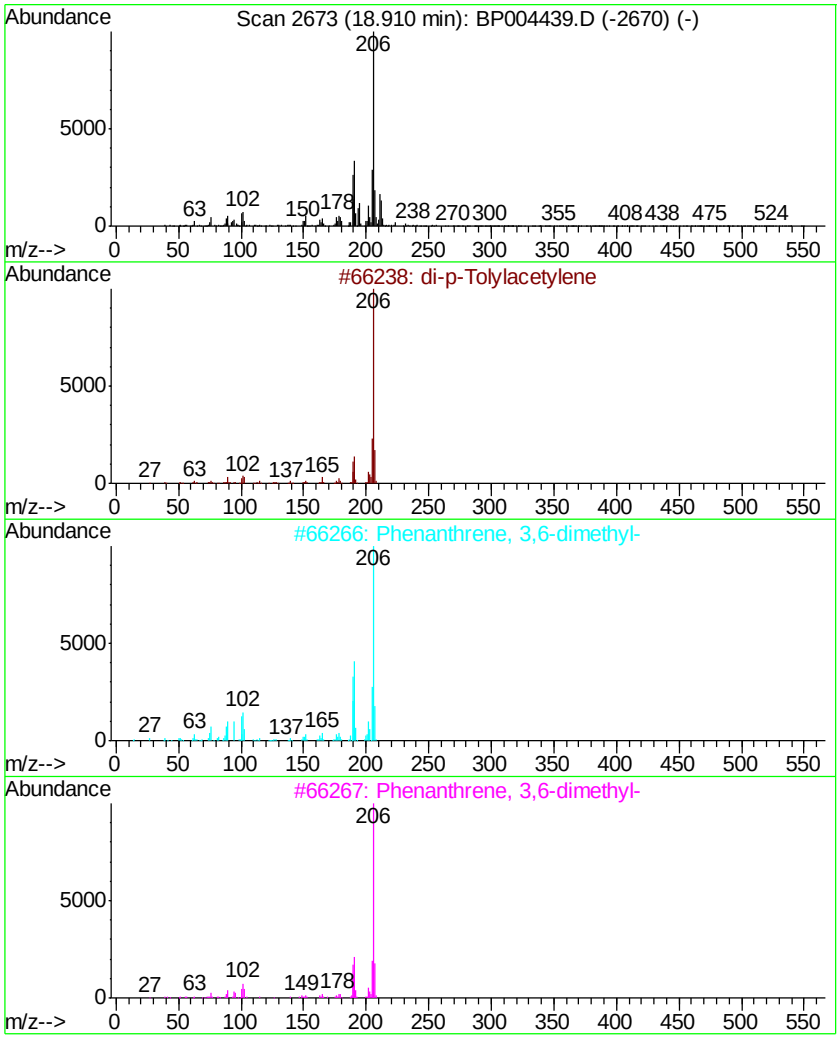
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

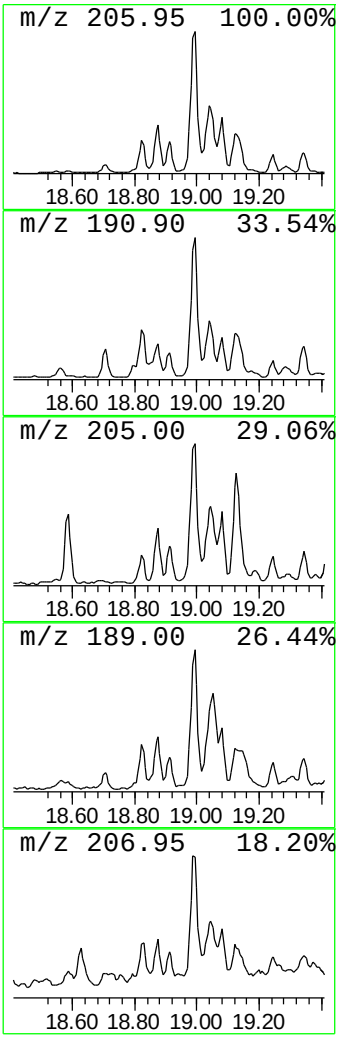
****

Peak Number 26 di-p-Tolylacetylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.83 ng/ul	468063	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

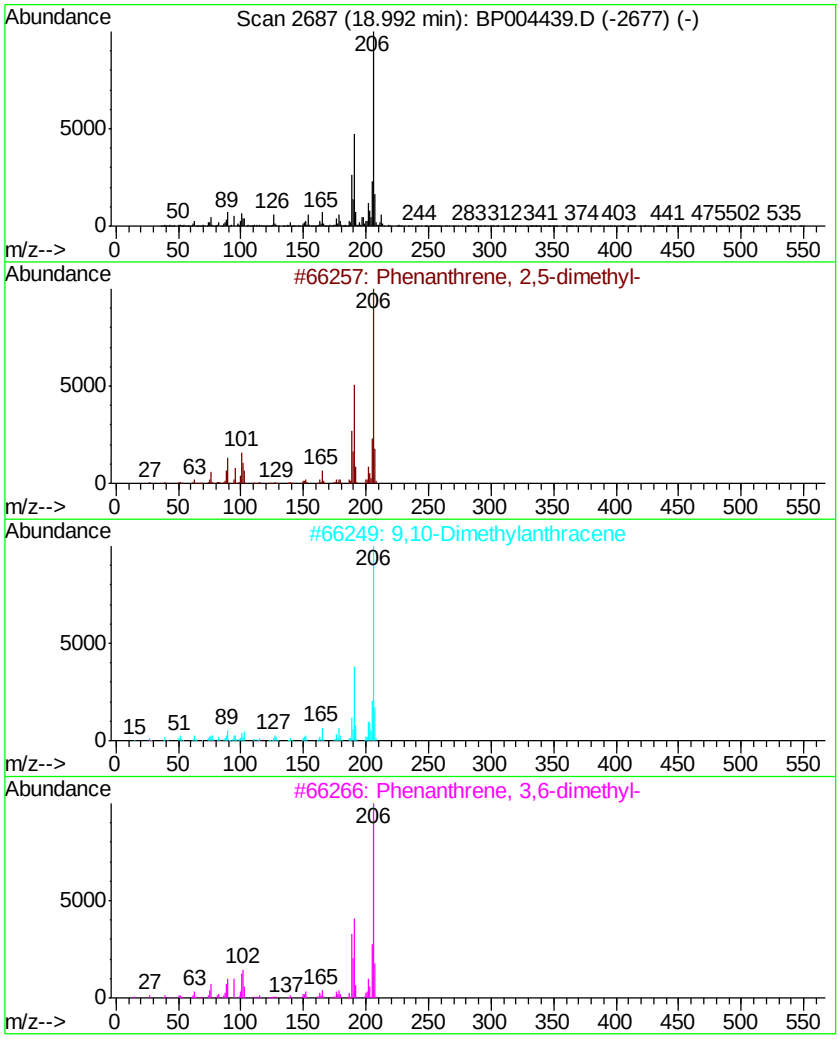
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

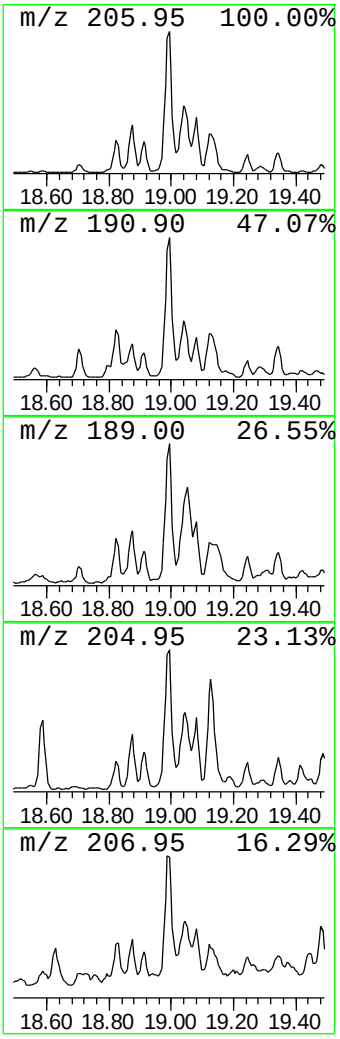
****

Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	17.25 ng/ul	2106460	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

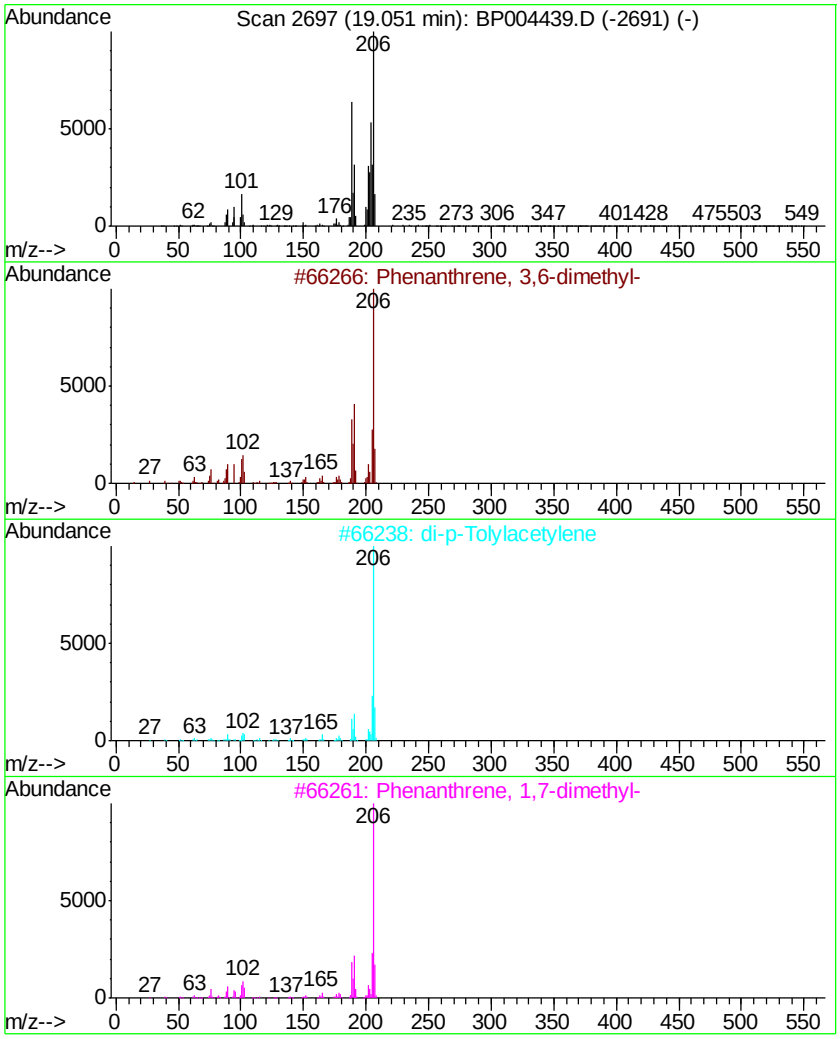
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

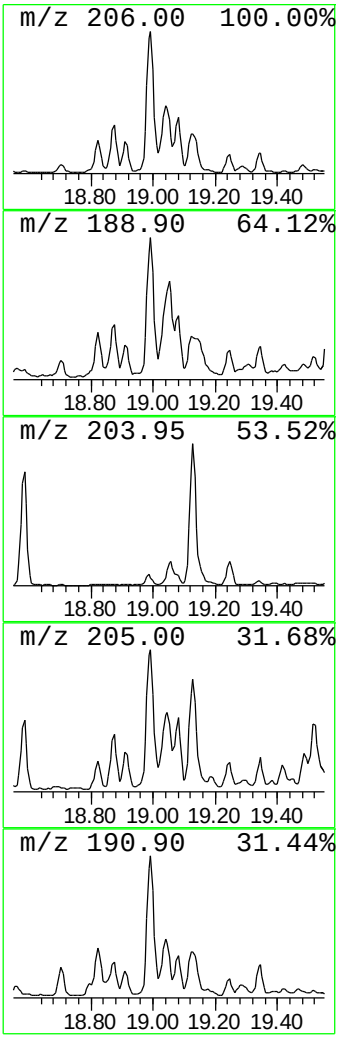
****

Peak Number 28 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	6.04 ng/ul	737628	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

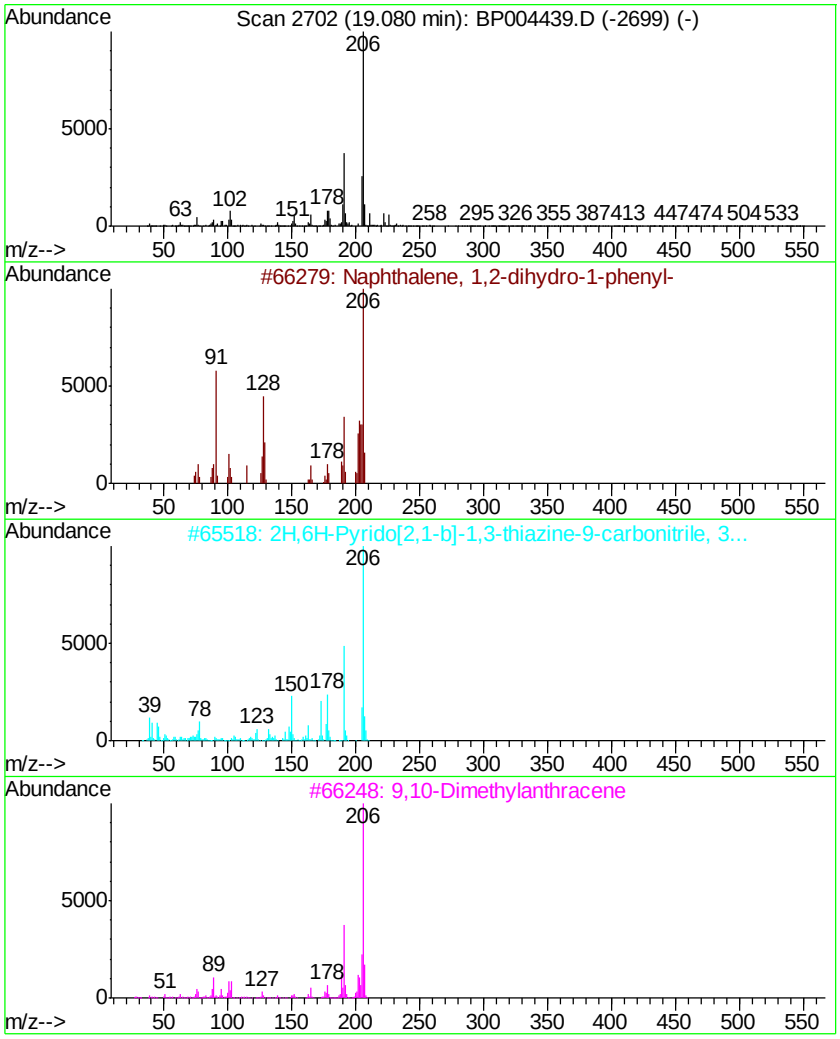
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

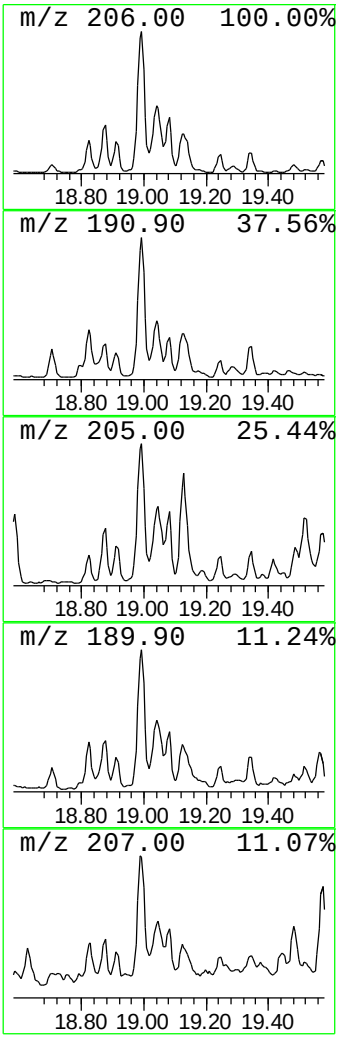
****

Peak Number 29 Naphthalene, 1,2-dihydro-1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	3.43 ng/ul	418329	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64
2	2H,6H-Pyrido[2,1-b]-1,3-thiazine...	206	C10H10N2OS	1000277-29-6	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

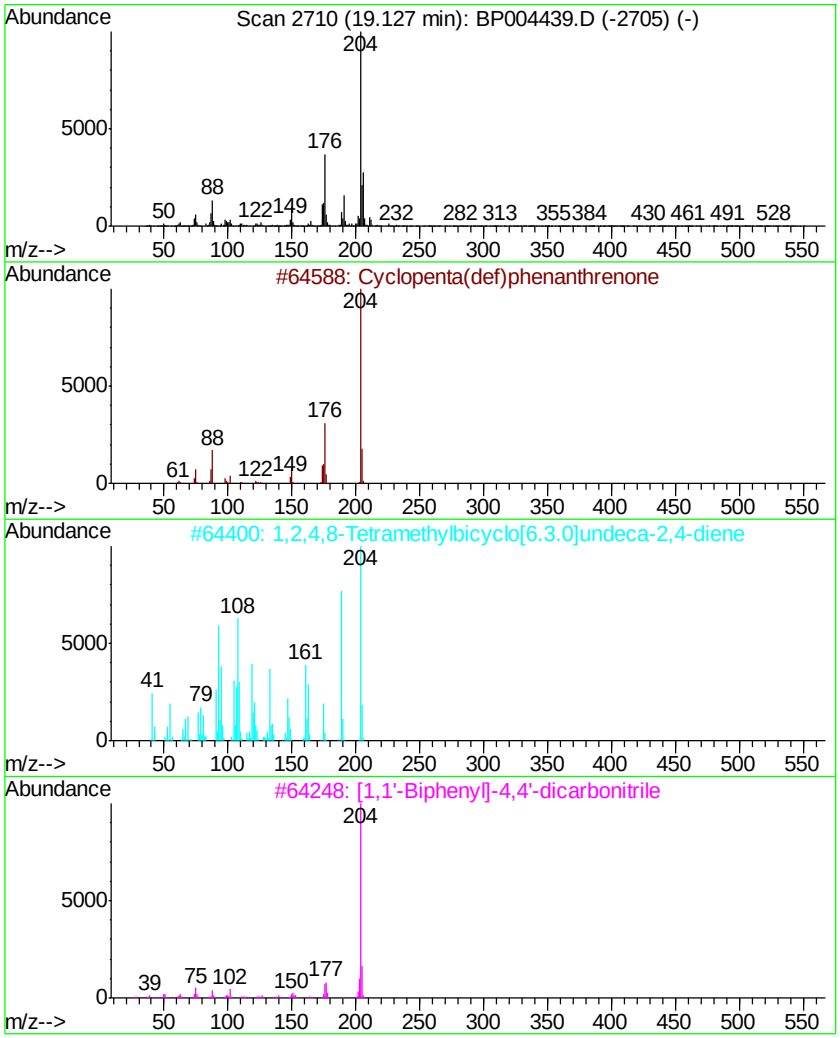
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

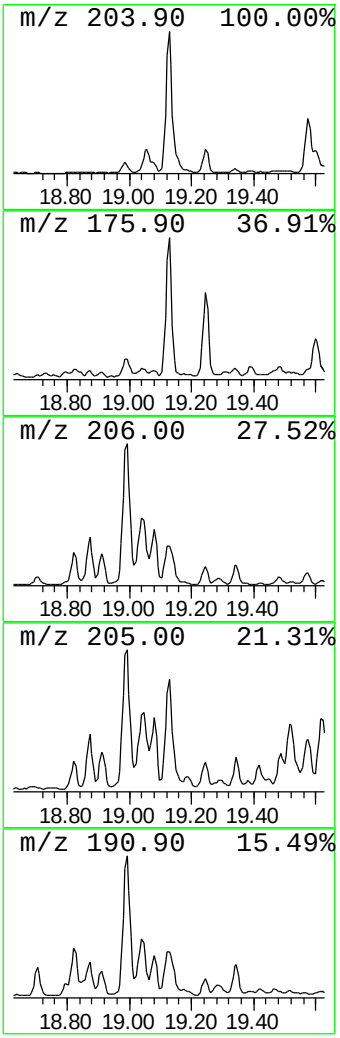
****

Peak Number 30 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	11.56 ng/ul	1411700	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

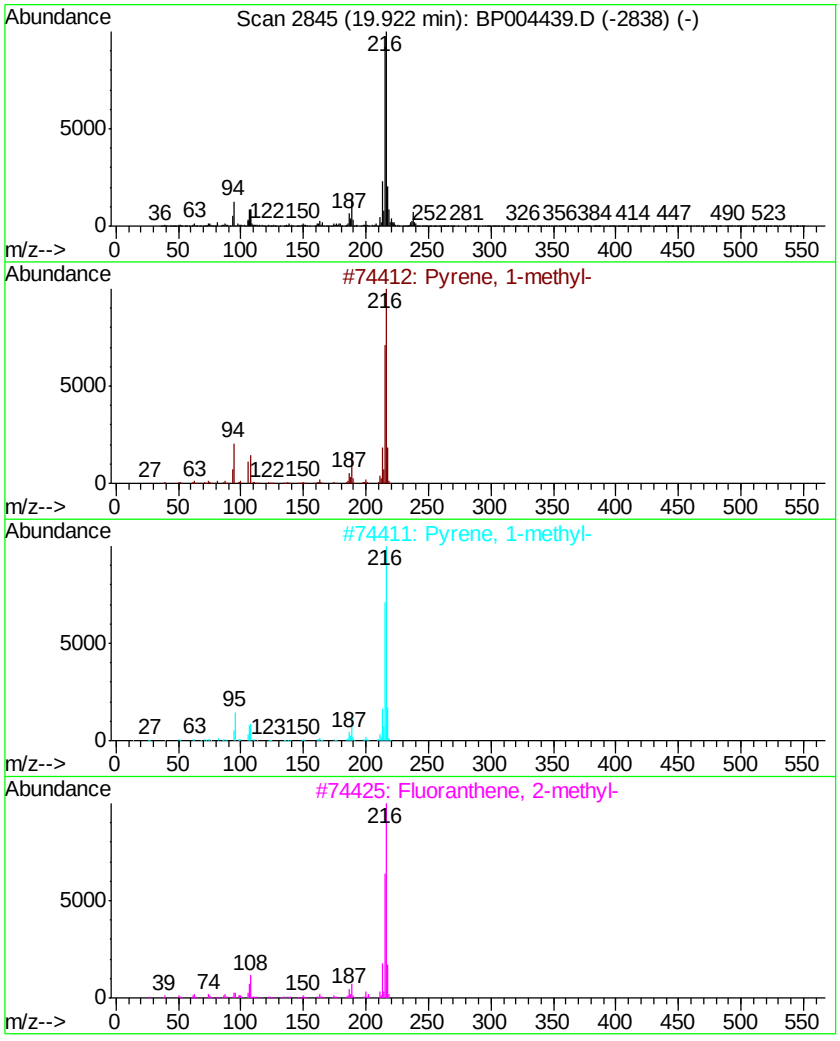
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

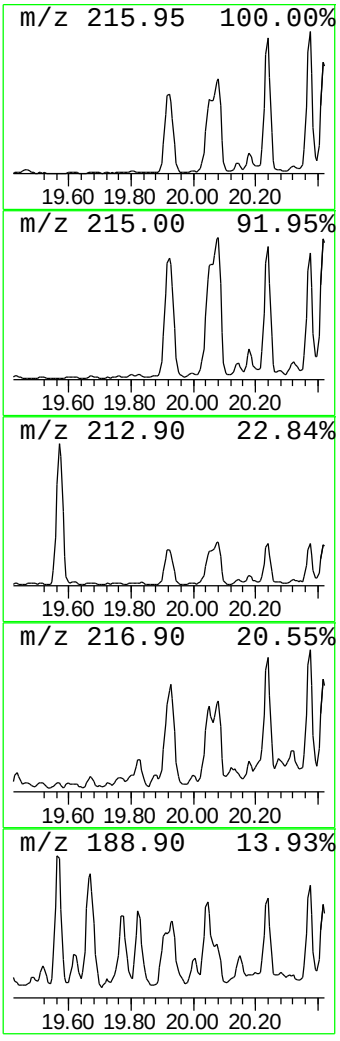
****

Peak Number 32 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	4.76 ng/ul	1877030	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

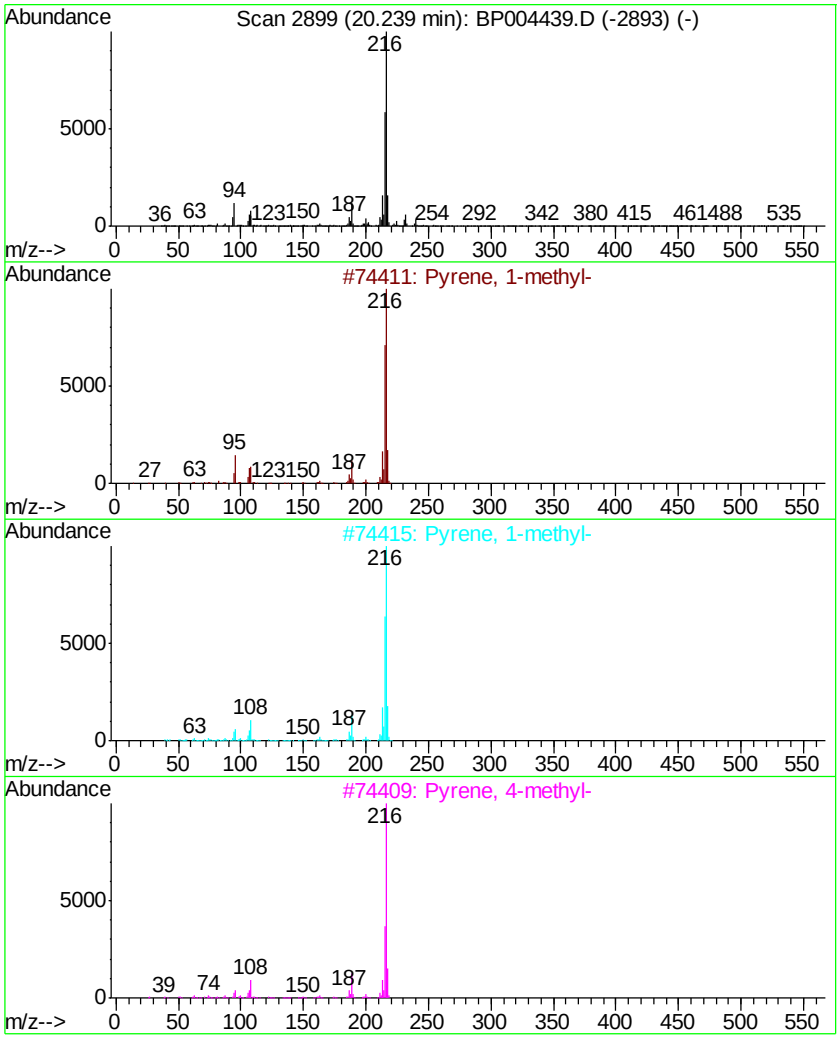
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

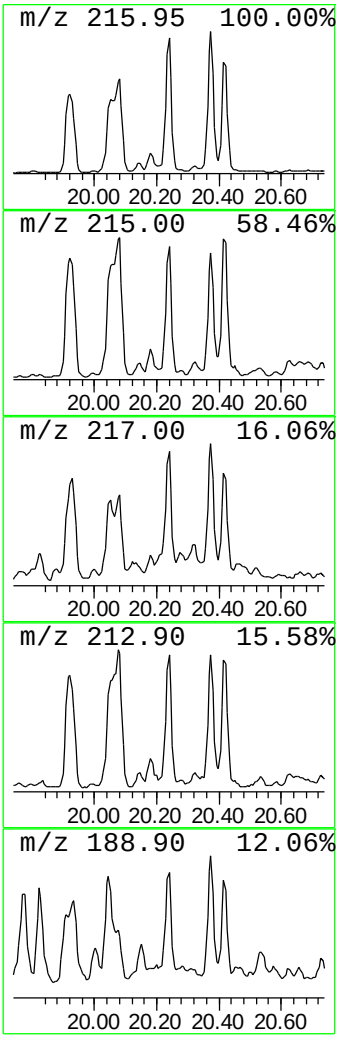
****

Peak Number 34 Pyrene, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	3.15 ng/ul	1243150	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

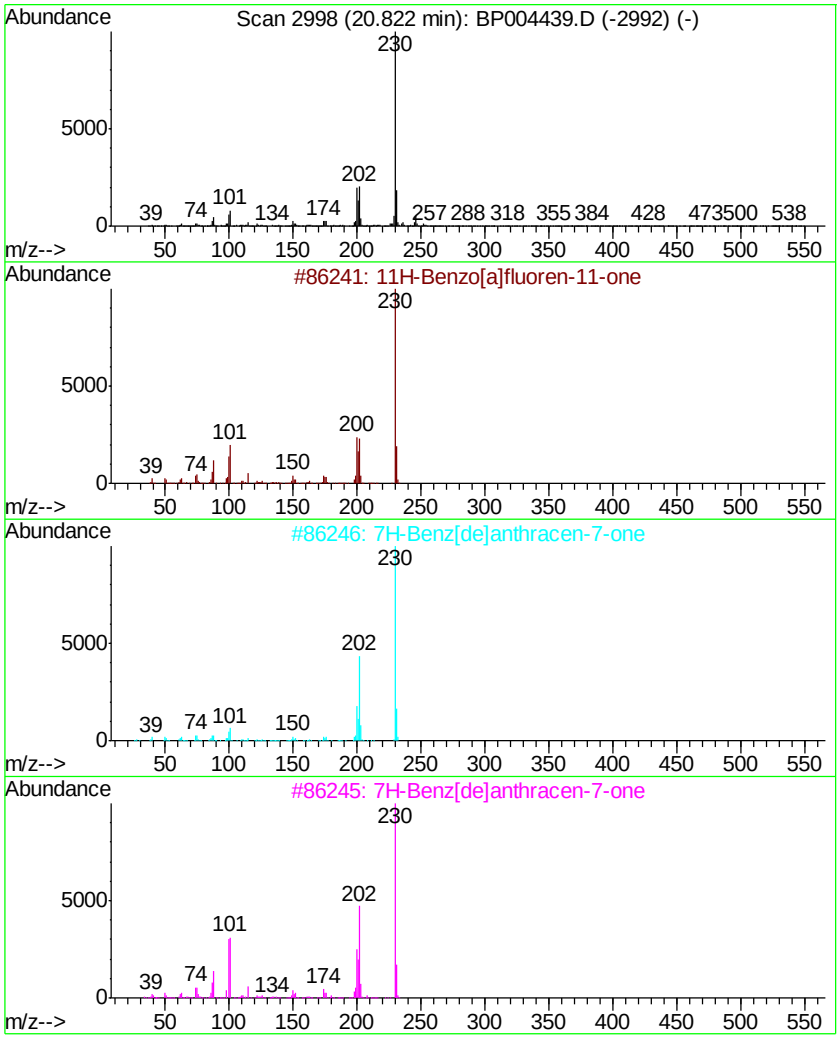
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

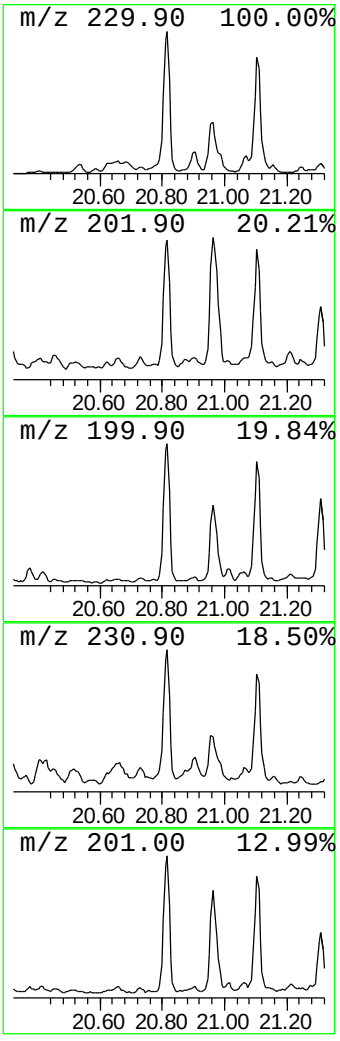
****

Peak Number 37 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.76 ng/ul	1482200	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

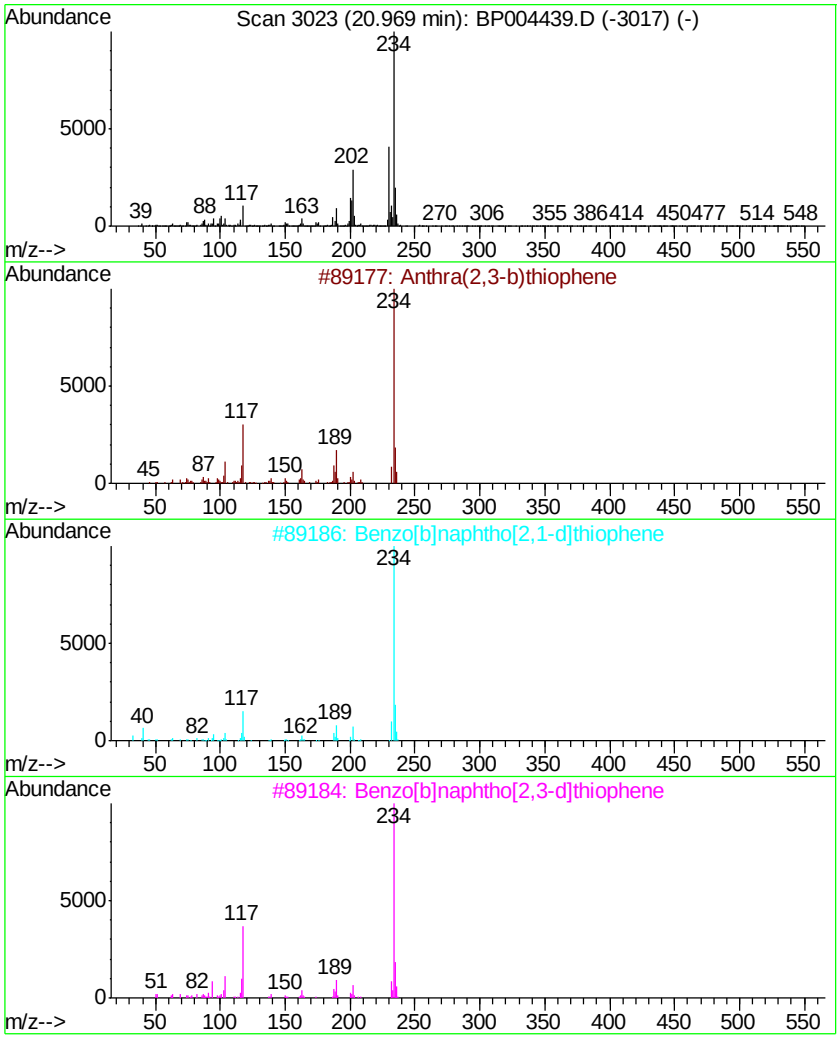
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

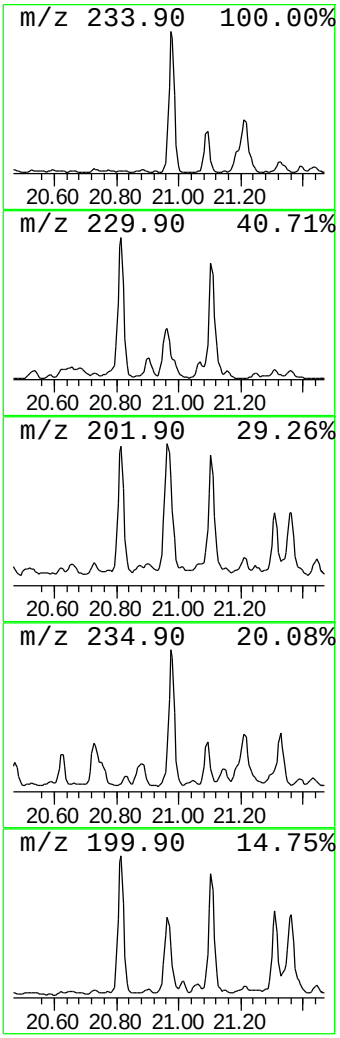
****

Peak Number 38 Anthra(2,3-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.33 ng/ul	2102260	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

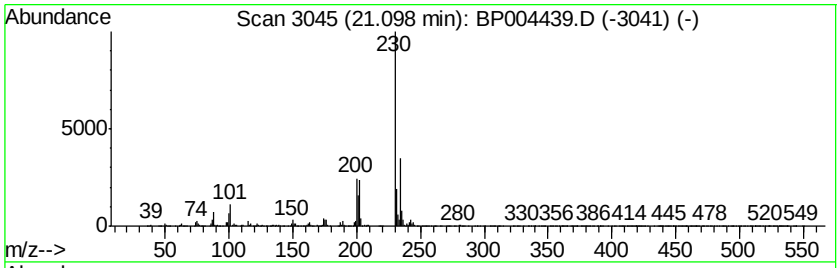
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

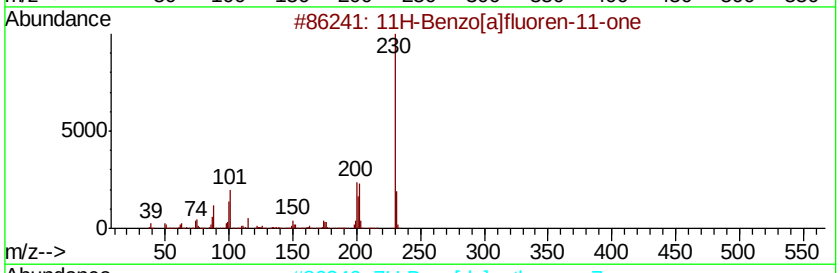
****

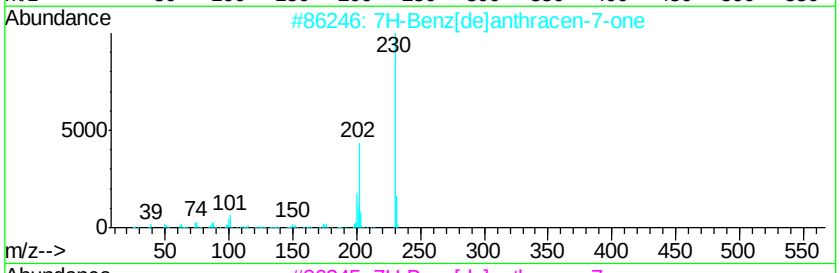
Peak Number 40 7H-Benz[de]anthracen-7-one Concentration Rank 27

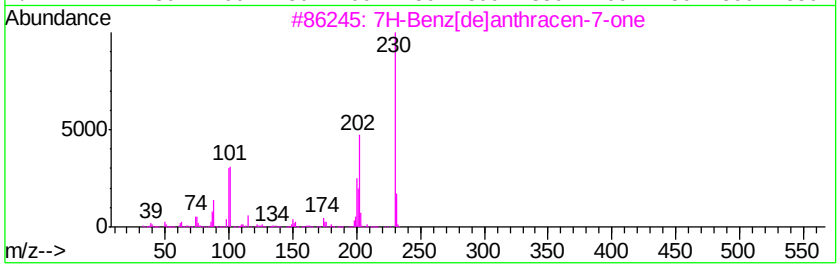
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.53 ng/ul	1390330	Chrysene-d12	21.33

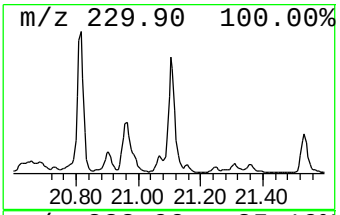
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76

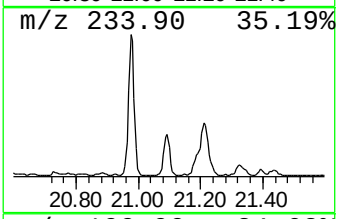


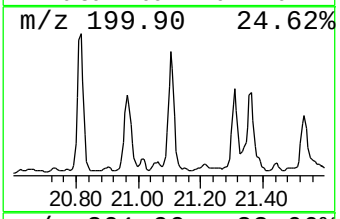


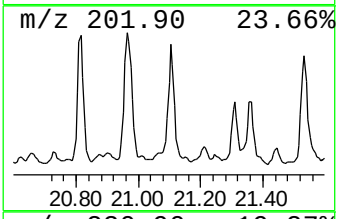


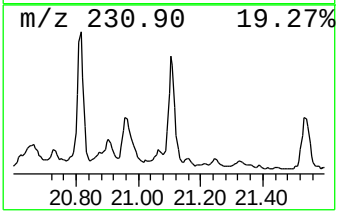












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

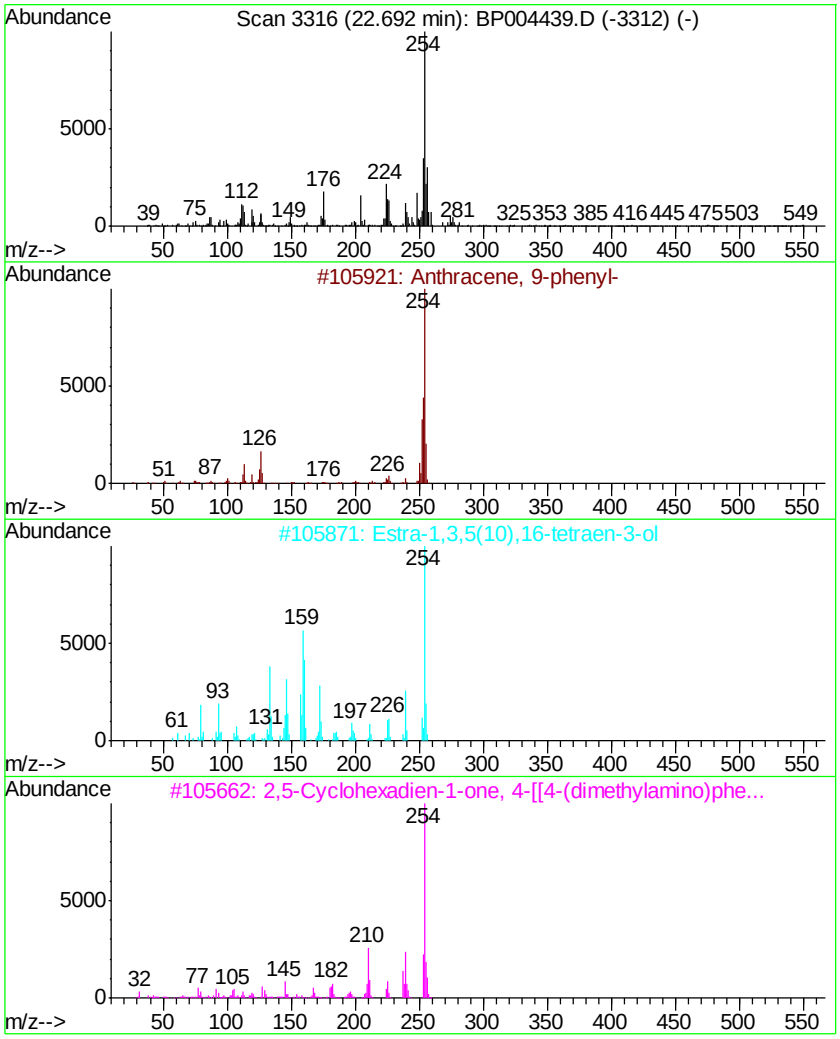
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

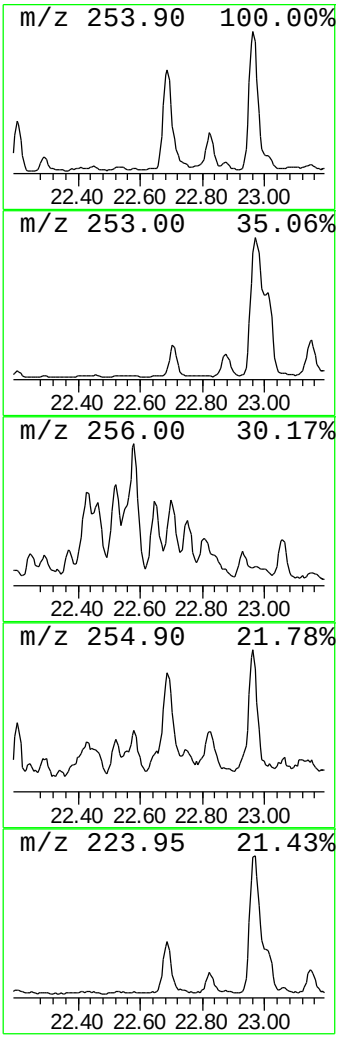
****

Peak Number 45 Anthracene, 9-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.86 ng/ul	764978	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
2	Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	55
3	2,5-Cyclohexadien-1-one, 4-[[4-(...	254	C16H18N2O	1000319-40-8	53
4	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	53
5	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

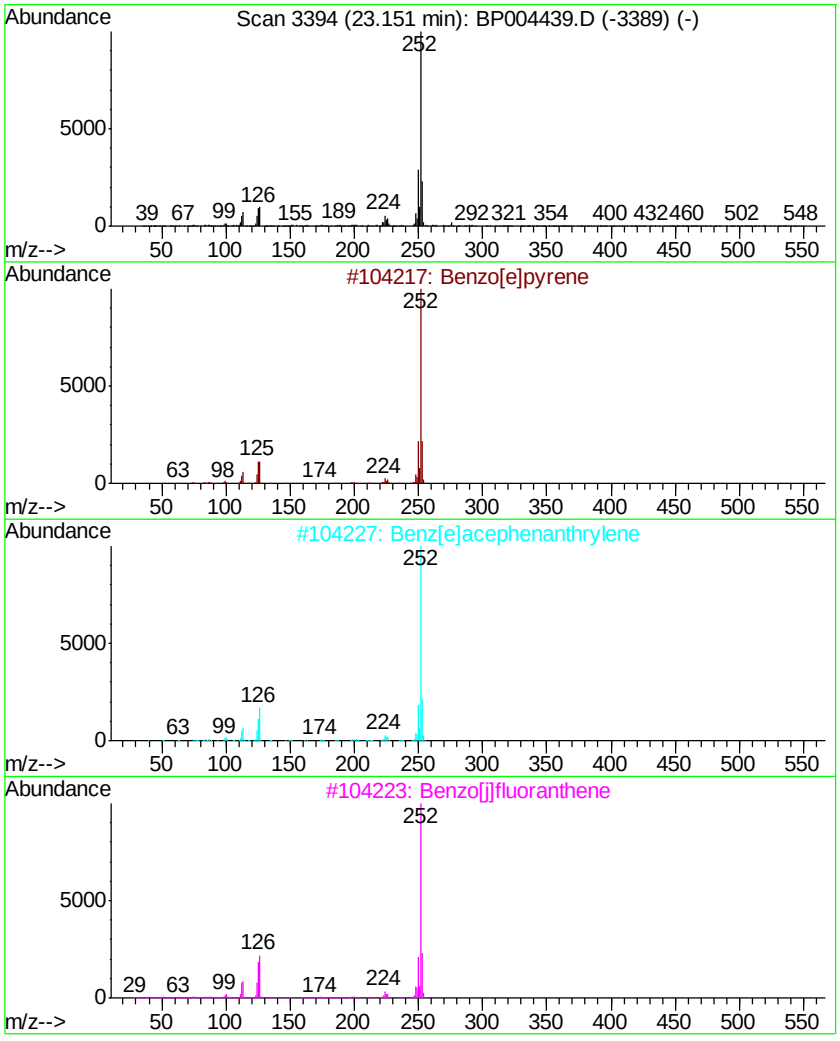
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

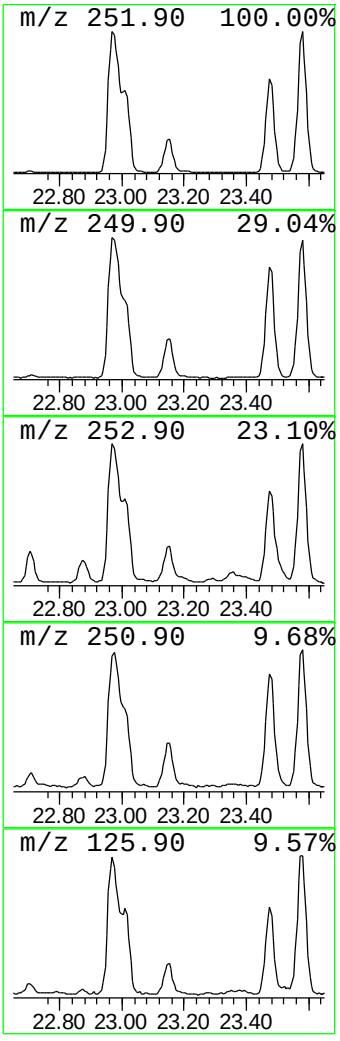
****

Peak Number 46 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	5.40 ng/ul	848693	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

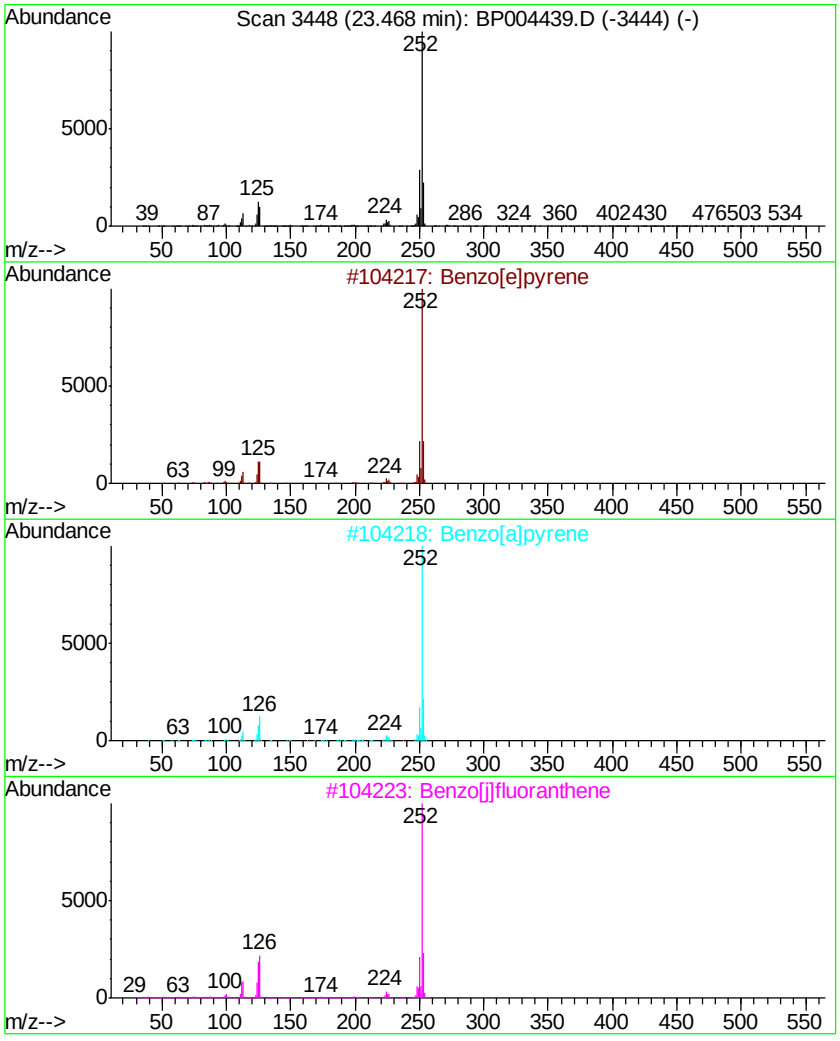
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

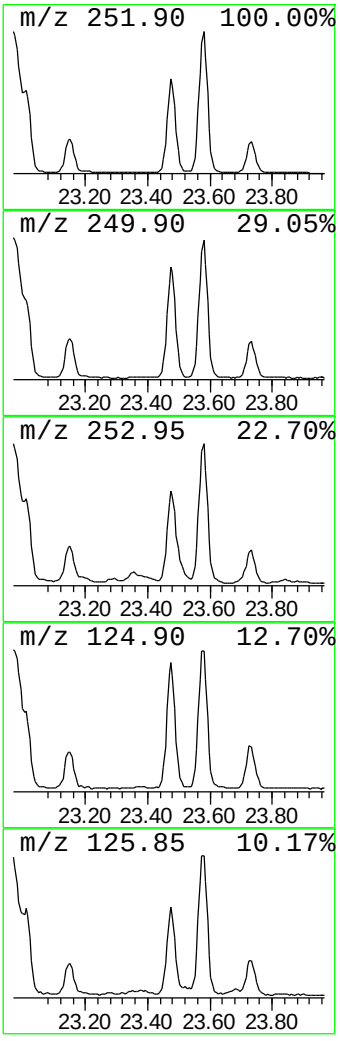
****

Peak Number 47 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	12.63 ng/ul	1987180	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

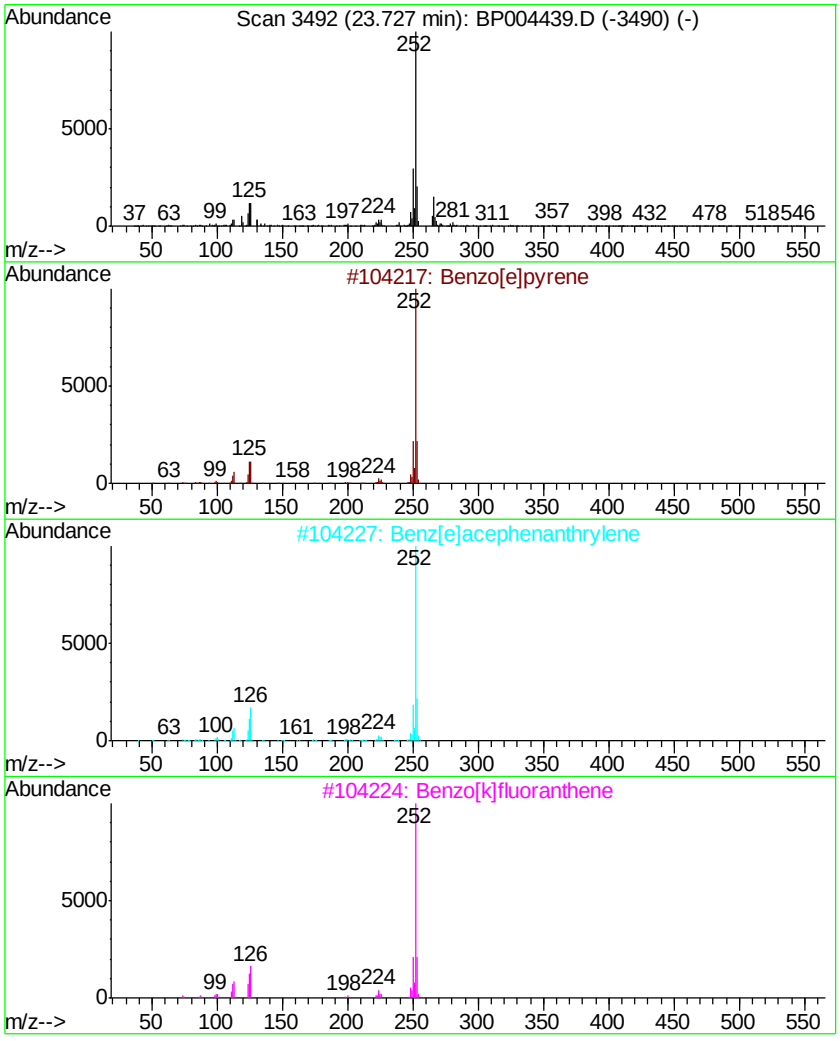
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

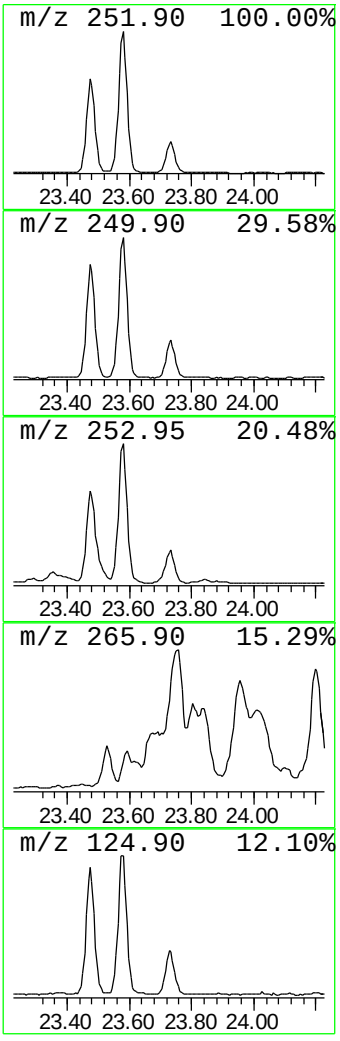
****

Peak Number 48 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	6.49 ng/ul	1020990	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

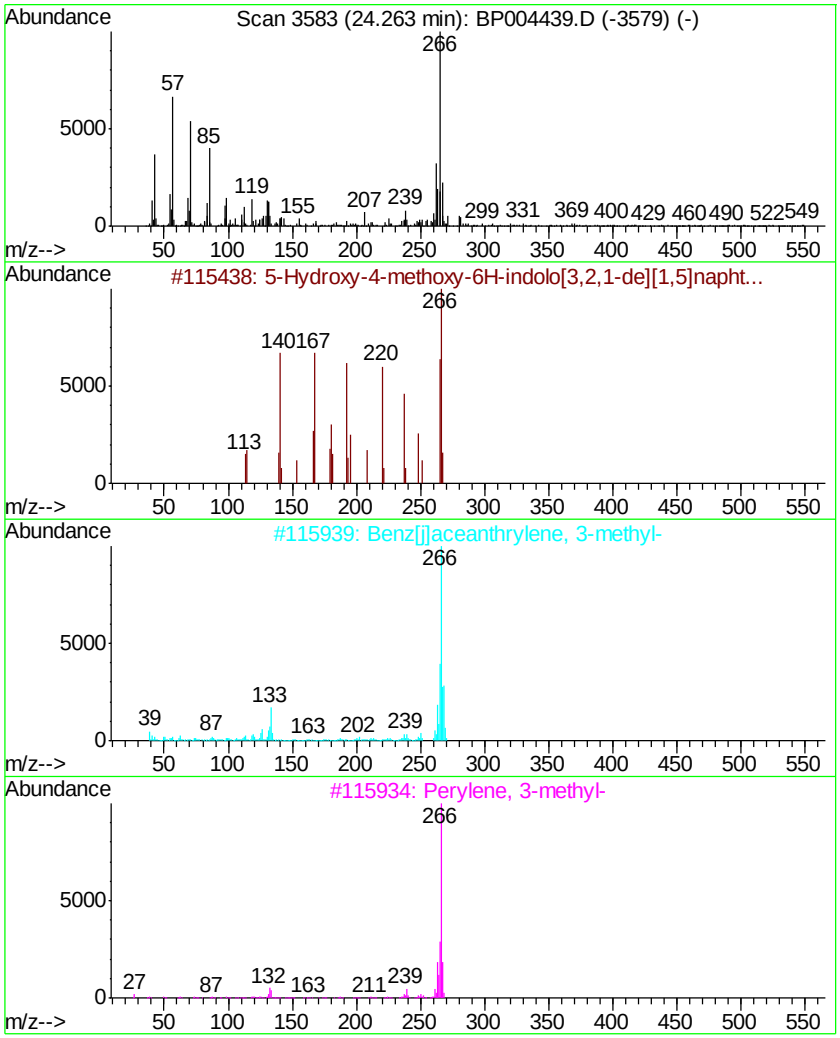
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

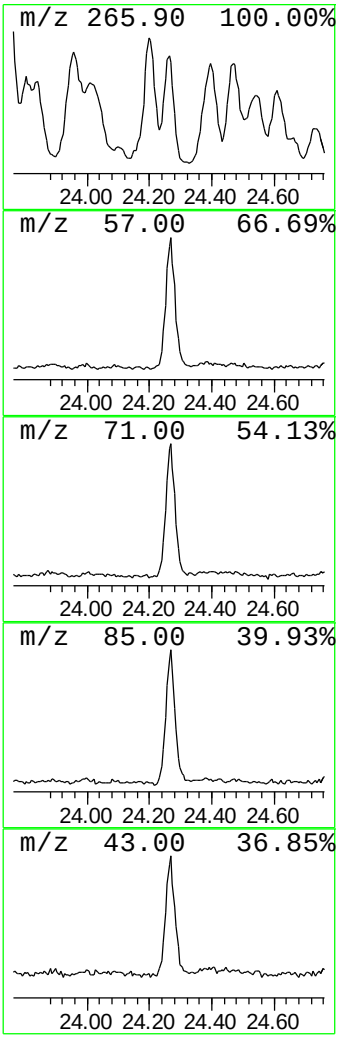
****

Peak Number 49 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	3.47 ng/ul	545058	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	46
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	42
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	38
4	l-Allylglycine, N-heptafluorobut...	423	C17H24F7NO3	1000325-29-5	38
5	Phenylacetic acid, 2-methoxycarb...	284	C12H12O8	006121-79-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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
9H-Fluoren-9-one	16.88	4.8	ng/ul	585428	4	17.23	2442160	20.0
Dibenzothiophene	17.05	6.2	ng/ul	761340	4	17.23	2442160	20.0
Dibenzothiophene,...	17.81	8.6	ng/ul	1047700	4	17.23	2442160	20.0
4-Methylnaphtho[1...	17.95	5.6	ng/ul	679682	4	17.23	2442160	20.0
Phenanthrene, 2-m...	18.10	13.5	ng/ul	1649070	4	17.23	2442160	20.0
Anthracene, 2-met...	18.15	14.8	ng/ul	1806930	4	17.23	2442160	20.0
1H-Indene, 2-phenyl-	18.22	3.7	ng/ul	452203	4	17.23	2442160	20.0
Anthracene, 1-met...	18.28	18.8	ng/ul	2290080	4	17.23	2442160	20.0
Phenanthrene, 1-m...	18.32	9.1	ng/ul	1110480	4	17.23	2442160	20.0
Dibenzothiophene,...	18.49	3.7	ng/ul	450696	4	17.23	2442160	20.0
Naphthalene, 2-ph...	18.58	8.9	ng/ul	1092790	4	17.23	2442160	20.0
9,10-Anthracenedione	18.63	10.5	ng/ul	1280760	4	17.23	2442160	20.0
Naphtho[2,3-b]thi...	18.80	4.2	ng/ul	517274	4	17.23	2442160	20.0
Phenanthrene, 3,6...	18.82	3.7	ng/ul	446646	4	17.23	2442160	20.0
Phenanthrene, 2,7...	18.87	4.2	ng/ul	509772	4	17.23	2442160	20.0
di-p-Tolylacetylene	18.91	3.8	ng/ul	468063	4	17.23	2442160	20.0
Phenanthrene, 2,5...	18.99	17.3	ng/ul	2106460	4	17.23	2442160	20.0
Phenanthrene, 1,7...	19.05	6.0	ng/ul	737628	4	17.23	2442160	20.0
Naphthalene, 1,2-...	19.08	3.4	ng/ul	418329	4	17.23	2442160	20.0
Cyclopenta(def)ph...	19.13	11.6	ng/ul	1411700	4	17.23	2442160	20.0
Pyrene, 1-methyl-	19.92	4.8	ng/ul	1877030	5	21.33	7886380	20.0
Pyrene, 4-methyl-	20.24	3.1	ng/ul	1243150	5	21.33	7886380	20.0
11H-Benzo[a]fluor...	20.82	3.8	ng/ul	1482200	5	21.33	7886380	20.0
Anthra(2,3-b)thio...	20.97	5.3	ng/ul	2102260	5	21.33	7886380	20.0
7H-Benz[de]anthra...	21.10	3.5	ng/ul	1390330	5	21.33	7886380	20.0
Anthracene, 9-phe...	22.69	4.9	ng/ul	764978	6	23.68	3145870	20.0
Benzo[e]pyrene	23.15	5.4	ng/ul	848693	6	23.68	3145870	20.0
Benzo[j]fluoranthene	23.47	12.6	ng/ul	1987180	6	23.68	3145870	20.0
Perylene	23.73	6.5	ng/ul	1020990	6	23.68	3145870	20.0
unknown-01	24.26	3.5	ng/ul	545058	6	23.68	3145870	20.0