LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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	3.828	106	109	117	rVB	113547	160246	3.67%	0.316%
2	6.993	641	647	664	rVB2	438688	855024	19.56%	1.684%
3	7.158	669	675	686	rVB	382836	609458	13.95%	1.201%
4	7.358	703	709	720	rVB	488864	791205	18.10%	1.559%
5	7.828	782	789	796	rBV	689937	1120471	25.64%	2.207%
6	8.528	902	908	919	rBV	458222	771274	17.65%	1.519%
7	8.981	978	985	996	rVB	441637	745634	17.06%	1.469%
8	9.410	1054	1058	1064	rVB2	25700	42834	0.98%	0.084%
9	9.704	1101	1108	1120	rBV	305382	527997	12.08%	1.040%
10	10.246	1193	1200	1213	rBV	558424	943468	21.59%	1.859%
11	10.622	1256	1264	1279	rBV	894436	1581143	36.18%	3.115%
12	10.757	1279	1287	1304	rBV	202318	411565	9.42%	0.811%
13	12.140	1513	1522	1526	rVV8	7239	18667	0.43%	0.037%
14	12.210	1527	1534	1540	rVV3	12160	25803	0.59%	0.051%
15	12.293	1543	1548	1552	rVB4	5172	9331	0.21%	0.018%
16	12.504	1580	1584	1595	rVB3	8186	16231	0.37%	0.032%
17	13.304	1715	1720	1726	rVB6	10193	15912	0.36%	0.031%
18	13.369	1726	1731	1739	rVV9	5599	15493	0.35%	0.031%
19	13.440	1739	1743	1749	rVV8	7943	18327	0.42%	0.036%
20	13.516	1749	1756	1763	rVB9	8504	21768	0.50%	0.043%
21	13.640	1768	1777	1785	rBV5	19950	51004	1.17%	0.100%
22	13.710	1785	1789	1794	rBV4	9470	13787	0.32%	0.027%
23	13.793	1797	1803	1808	rBV2	44627	85301	1.95%	0.168%
24	13.875	1808	1817	1822	rVV	994183	1429088	32.70%	2.815%
25	13.922	1822	1825	1836	rVB	119217	169568	3.88%	0.334%
26	14.028	1836	1843	1847	rBV	23527	38684	0.89%	0.076%
27	14.063	1847	1849	1854	rVB3	11016	13280	0.30%	0.026%
28	14.163	1854	1866	1884	rBV2	1339832	2289585	52.39%	4.511%
29	14.469	1909	1918	1926	rBV	1353690	2106097	48.19%	4.149%
30	14.534	1926	1929	1937	rVB	35716	62247	1.42%	0.123%
31	14.604	1937	1941	1947	rVB6	12506	20884	0.48%	0.041%
32	14.675	1947	1953	1965	rBV2	206885	409396	9.37%	0.807%
33	14.769	1965	1969	1974	rVV7	14357	29719	0.68%	0.059%
34	14.822	1974	1978	1982	rVV2	33864	63904	1.46%	0.126%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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	14.875	1983	1987	1994	rVB2	60608	110410	2.53%	0.218%
36	14.951	1994	2000	2005	rVB	47400	69412	1.59%	0.137%
37	15.010	2005	2010	2016	rVB5	13519	28256	0.65%	0.056%
38	15.092	2017	2024	2029	rBV2	48739	100429	2.30%	0.198%
39	15.145	2029	2033	2038	rVB	29372	41593	0.95%	0.082%
40	15.269	2046	2054	2057	rBV5	35390	75269	1.72%	0.148%
41	15.345	2063	2067	2073	rVB2	27820	44872	1.03%	0.088%
42	15.469	2075	2088	2094	rVV	1737082	2498538	57.17%	4.922%
43	15.522	2094	2097	2105	rVV4	81303	170528	3.90%	0.336%
44	15.592	2105	2109	2116	rVV	156075	270599	6.19%	0.533%
45	15.645	2116	2118	2121	rVV3	35113	49490	1.13%	0.097%
46	15.704	2123	2128	2131	rVV4	31184	75162	1.72%	0.148%
47	15.739	2131	2134	2139	rVV4	33588	65520	1.50%	0.129%
48	15.822	2143	2148	2159	rVV4	50715	124206	2.84%	0.245%
49	15.898	2159	2161	2165	rVV5	8576	13657	0.31%	0.027%
50	15.975	2165	2174	2182	rVV3	46004	119177	2.73%	0.235%
51	16.051	2182	2187	2197	rVB5	16764	47568	1.09%	0.094%
52	16.204	2209	2213	2220	rVB5	49875	79288	1.81%	0.156%
53	16.345	2232	2237	2240	rBV3	30345	48728	1.12%	0.096%
54	16.469	2255	2258	2263	rBV4	16184	26697	0.61%	0.053%
55	16.534	2263	2269	2274	rVV5	37298	81275	1.86%	0.160%
56	16.587	2274	2278	2283	rVB2	33433	50774	1.16%	0.100%
57	16.639	2283	2287	2290	rBV3	22068	31562	0.72%	0.062%
58	16.769	2301	2309	2312	rBV5	36342	86651	1.98%	0.171%
59	16.810	2313	2316	2319	rVB2	31055	38239	0.87%	0.075%
60	16.886	2324	2329	2335	rVB	112893	176013	4.03%	0.347%
61	16.963	2339	2342	2347	rBV2	25344	43818	1.00%	0.086%
62	17.051	2352	2357	2365	rVB	158717	253841	5.81%	0.500%
63	17.234	2382	2388	2392	rBV	1727566	2486873	56.91%	4.899%
64	17.275	2392	2395	2400	rVV	1196013	1602020	36.66%	3.156%
65	17.334	2400	2405	2409	rVV	1781057	2664293	60.96%	5.249%
66	17.363	2409	2410	2416	rVV	287023	313935	7.18%	0.618%
67	17.422	2416	2420	2427	rVV5	35117	72913	1.67%	0.144%
68	17.551	2439	2442	2448	rVB2	56255	88418	2.02%	0.174%
69	17.639	2453	2457	2462	rBV	52881	84676	1.94%	0.167%
70	17.751	2474	2476	2481	rVB	45671	53909	1.23%	0.106%
71	17.816	2482	2487	2495	rVB	223625	326951	7.48%	0.644%

LSC Area Percent Report

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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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	17.957	2506	2511	2517	rVB	118896	205247	4.70%	0.404%
73	18.028	2519	2523	2526	rBV	77486	111120	2.54%	0.219%
74	18.104	2531	2536	2540	rVV	331958	577049	13.20%	1.137%
75	18.151	2540	2544	2550	rVV	394714	581306	13.30%	1.145%
76	18.228	2553	2557	2562	rVV	117692	167717	3.84%	0.330%
77	18.286	2562	2567	2571	rVV2	405206	716954	16.41%	1.412%
78	18.328	2571	2574	2581	rVB	290912	378446	8.66%	0.746%
79	18.486	2598	2601	2605	rVB2	104035	134541	3.08%	0.265%
80	18.586	2614	2618	2622	rBV2	248563	356787	8.16%	0.703%
81	18.628	2622	2625	2636	rVB3	182724	355422	8.13%	0.700%
82	18.798	2651	2654	2657	rBV2	118633	180296	4.13%	0.355%
83	18.875	2664	2667	2670	rVB2	92990	108408	2.48%	0.214%
84	18.992	2683	2687	2691	rBV	315949	458984	10.50%	0.904%
85	19.080	2700	2702	2706	rVB	115775	128606	2.94%	0.253%
86	19.128	2706	2710	2716	rBV	275181	481596	11.02%	0.949%
87	19.245	2726	2730	2737	rVB	1686420	2254384	51.59%	4.441%
88	19.310	2739	2741	2744	rVV3	71829	76841	1.76%	0.151%
89	19.398	2752	2756	2760	rBV2	175743	230082	5.26%	0.453%
90	19.486	2767	2771	2774	rBV	169814	219756	5.03%	0.433%
91	19.575	2781	2786	2788	rBV2	2439343	3403251	77.87%	6.705%
92	19.604	2788	2791	2799	rVB	1821798	2481198	56.78%	4.888%
93	19.927	2840	2846	2852	rBV4	210487	559961	12.81%	1.103%
94	20.057	2863	2868	2869	rBV3	167021	272125	6.23%	0.536%
95	20.239	2896	2899	2903	rVB	220889	257397	5.89%	0.507%
96	20.375	2919	2922	2926	rBV	226696	309512	7.08%	0.610%
97	20.816	2994	2997	3002	rBV	281772	375928	8.60%	0.741%
98	21.327	3077	3084	3088	rBV2	2332352	4370212	100.00%	8.610%
99	21.363	3088	3090	3098	rVB	780533	1036203	23.71%	2.041%
100	23.539	3456	3460	3465	rBV	1200380	1969918	45.08%	3.881%

Sum of corrected areas: 50759202

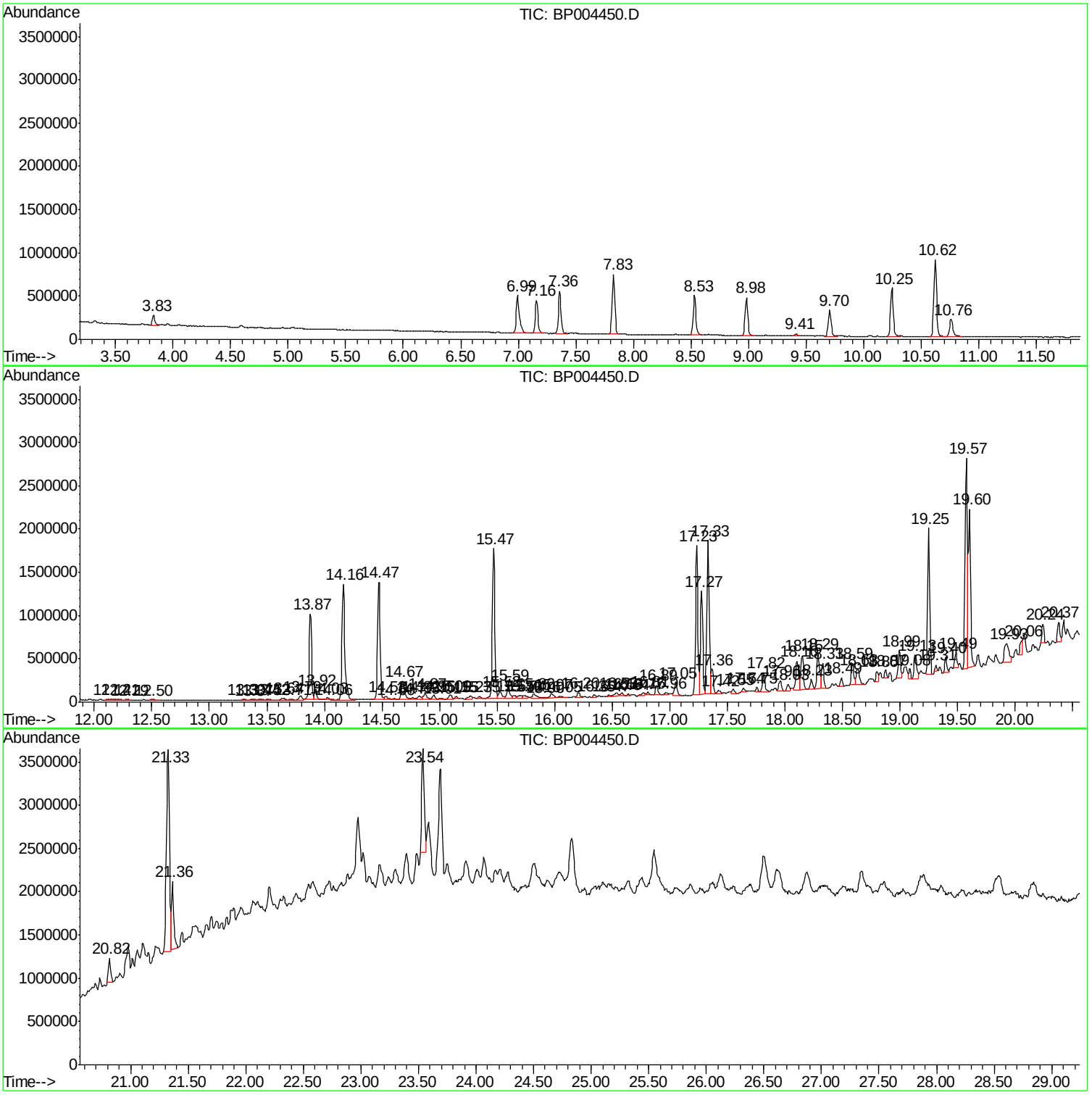
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

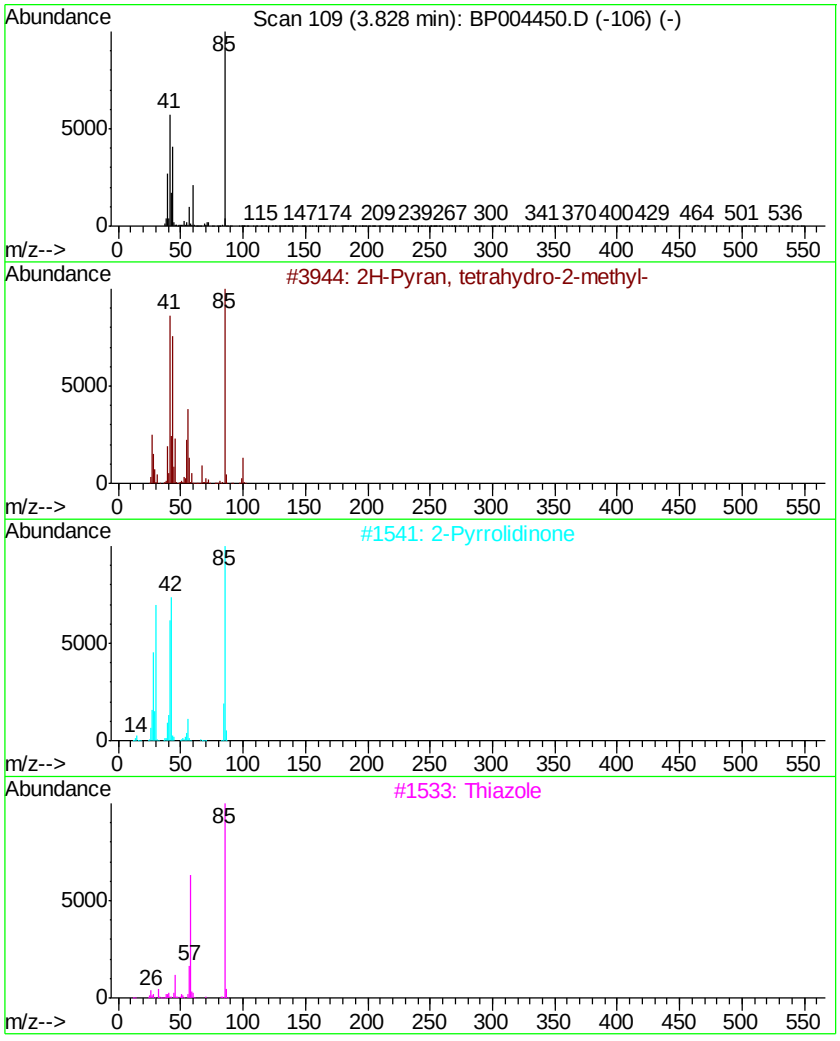
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

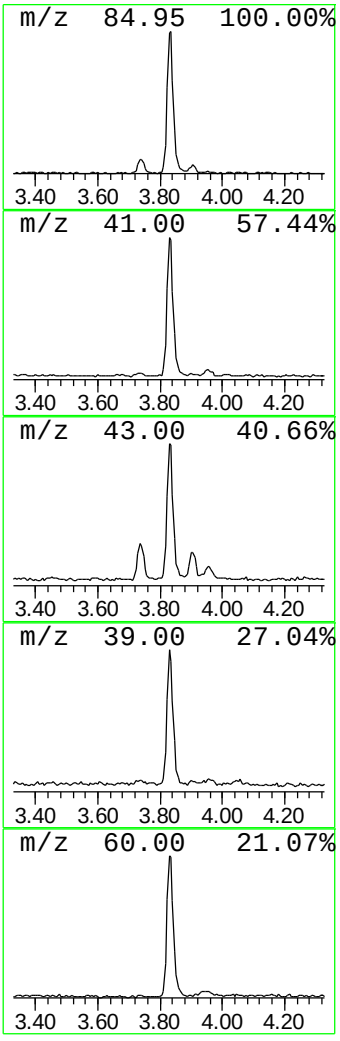
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.86 ng/ul	160246	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
3	Thiazole	85	C3H3NS	000288-47-1	28
4	2,6-Dimethyl-8-(tetrahydropyran-...	254	C15H26O3	038290-53-8	9
5	2H-Pyran, 2-[(5-cyclopropylidene...	210	C13H22O2	123416-83-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

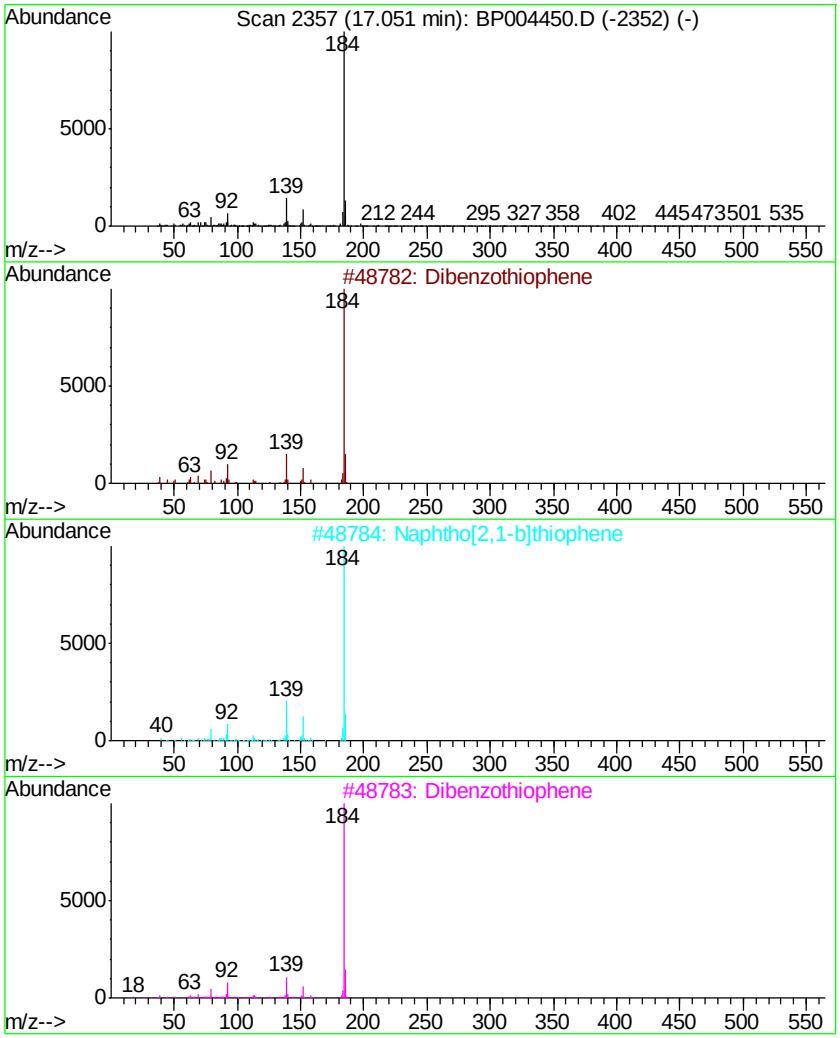
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

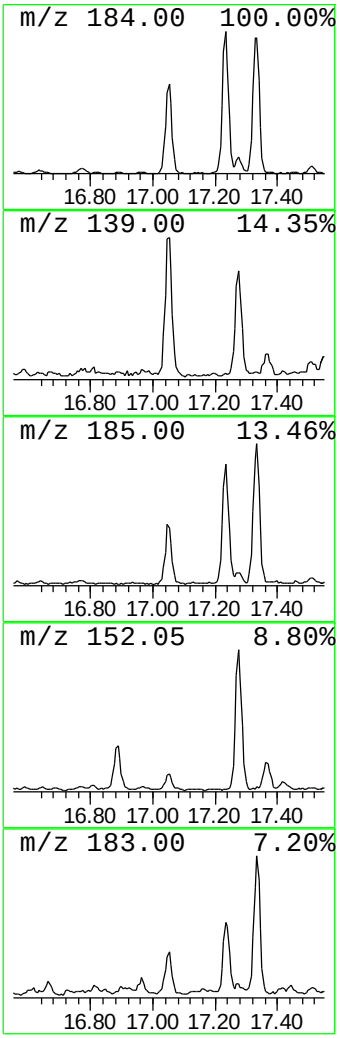
****

Peak Number 2 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.04 ng/ul	253841	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	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

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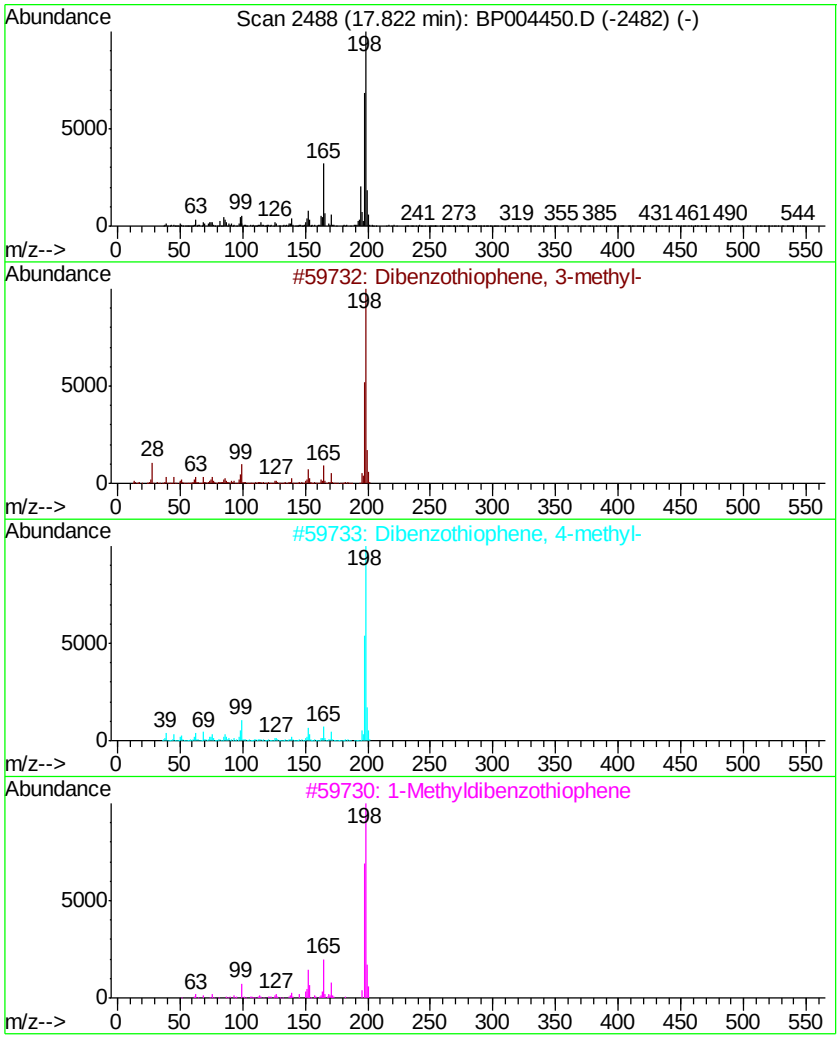
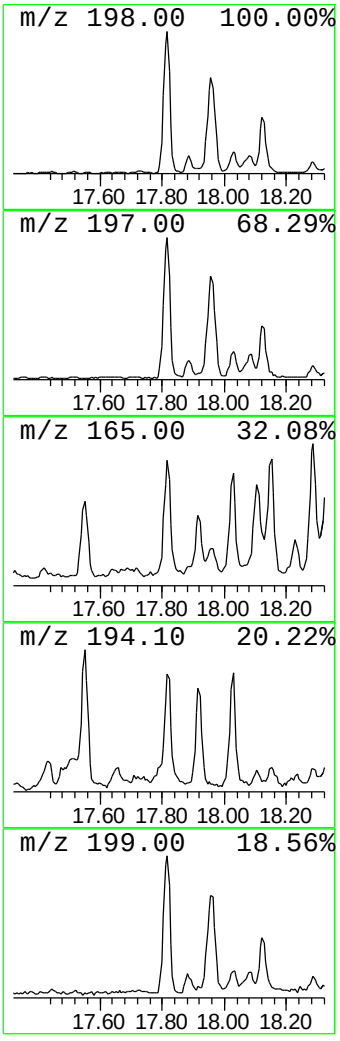
Peak Number 3 Dibenzothiophene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.63 ng/ul	326951	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
4	Thioxanthene	198	C13H10S	000261-31-4	78
5	Tacrine	198	C13H14N2	000321-64-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

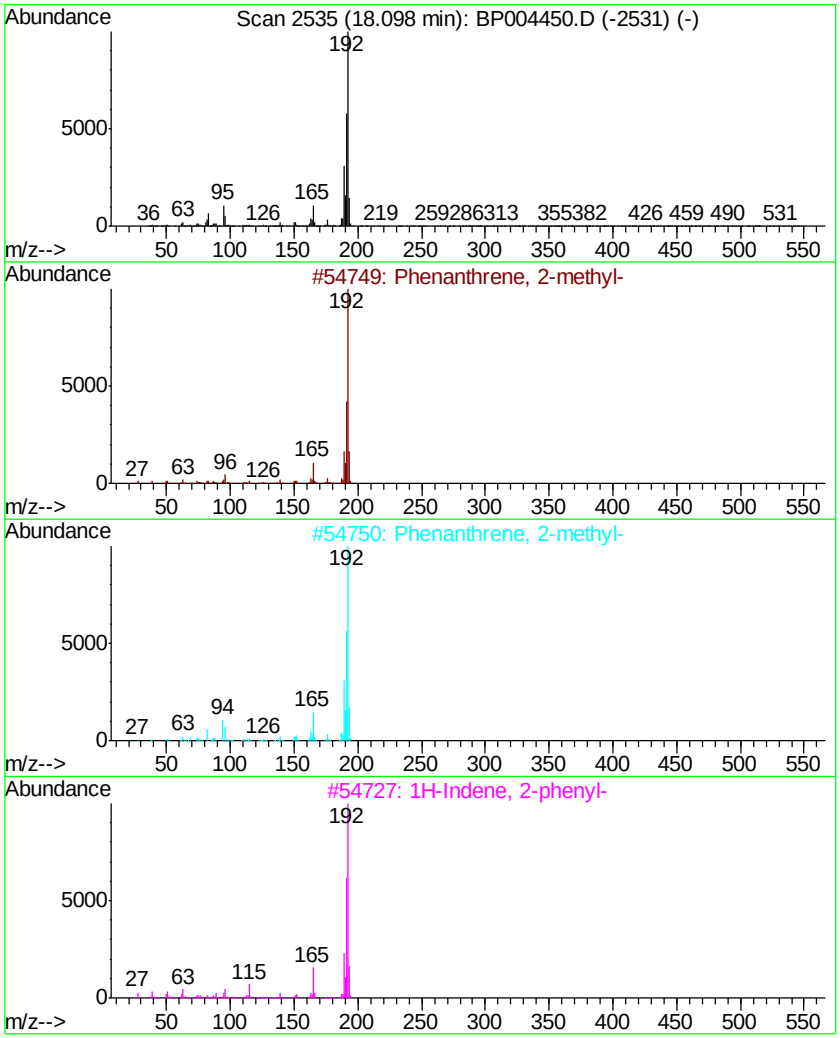
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

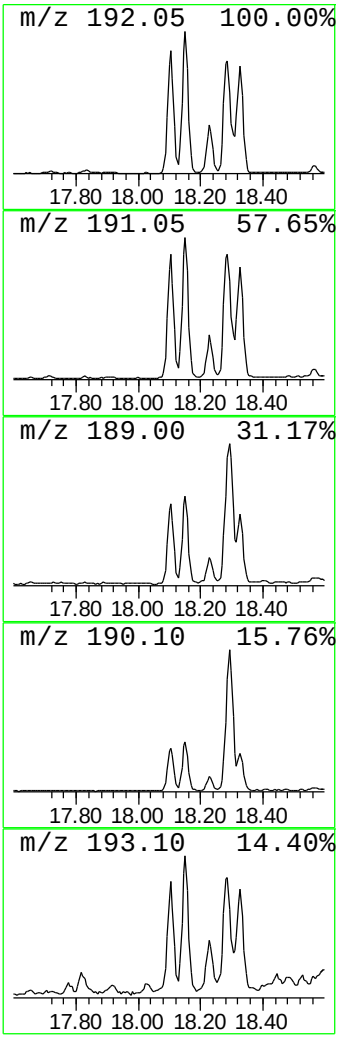
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.64 ng/ul	577049	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	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

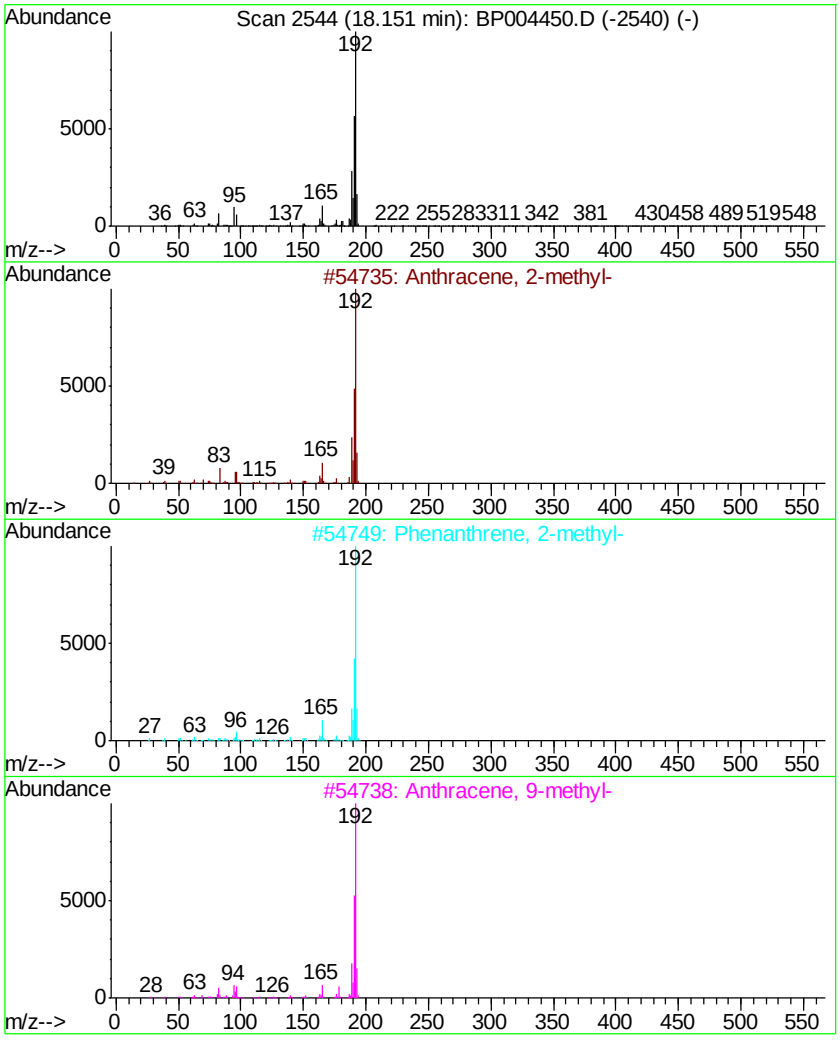
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

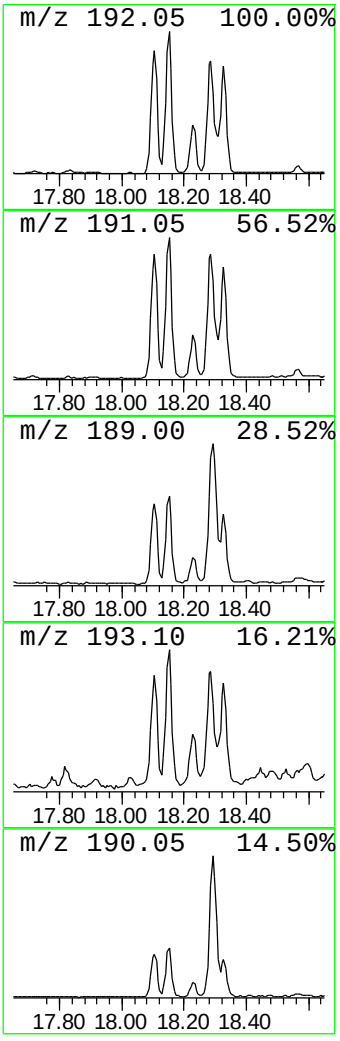
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.68 ng/ul	581306	Phenanthrene-d10	17.23

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

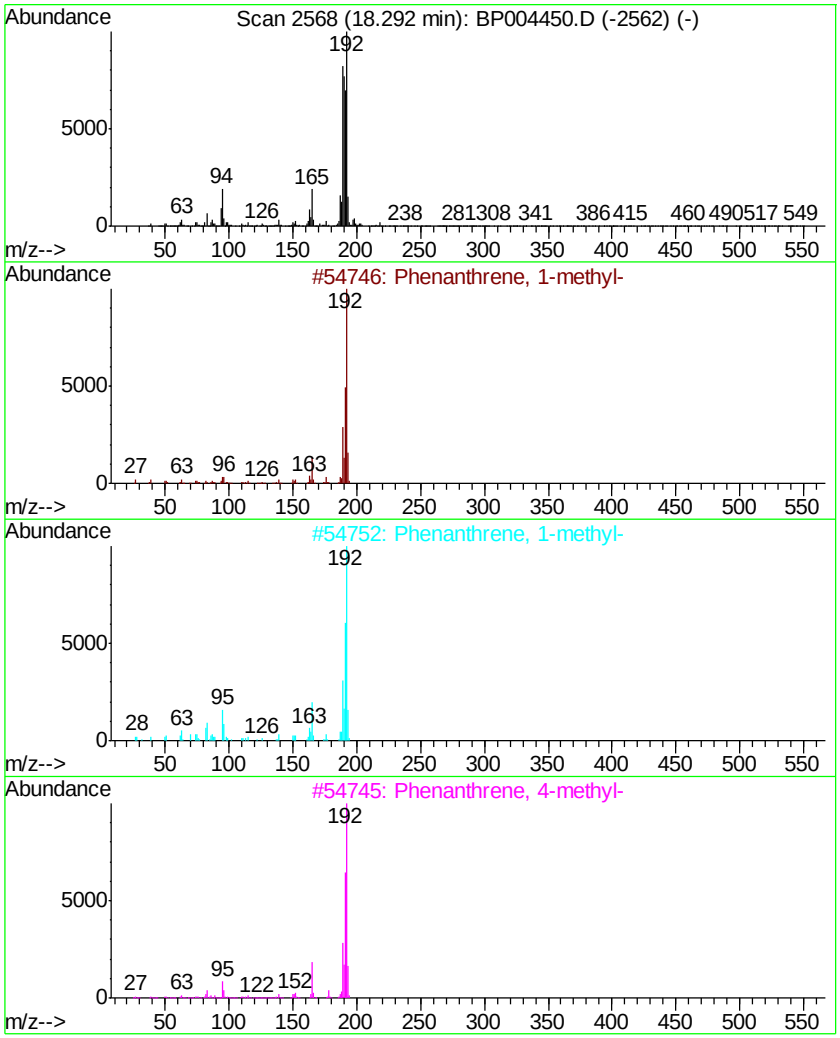
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

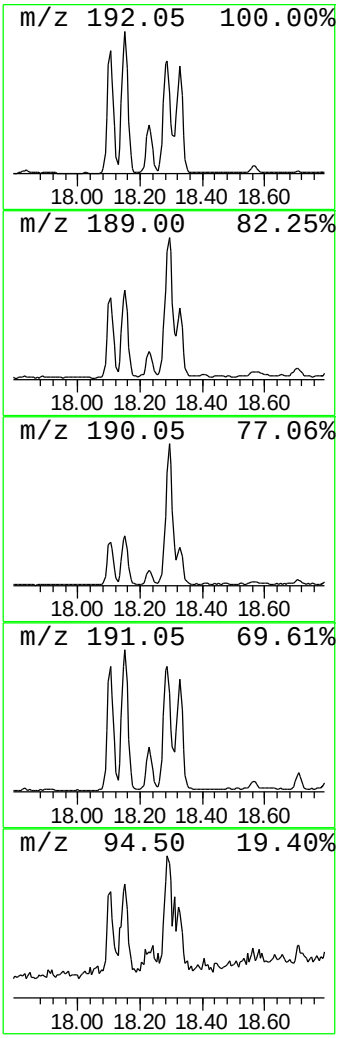
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	5.77 ng/ul	716954	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70





Library Search Compound Report

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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

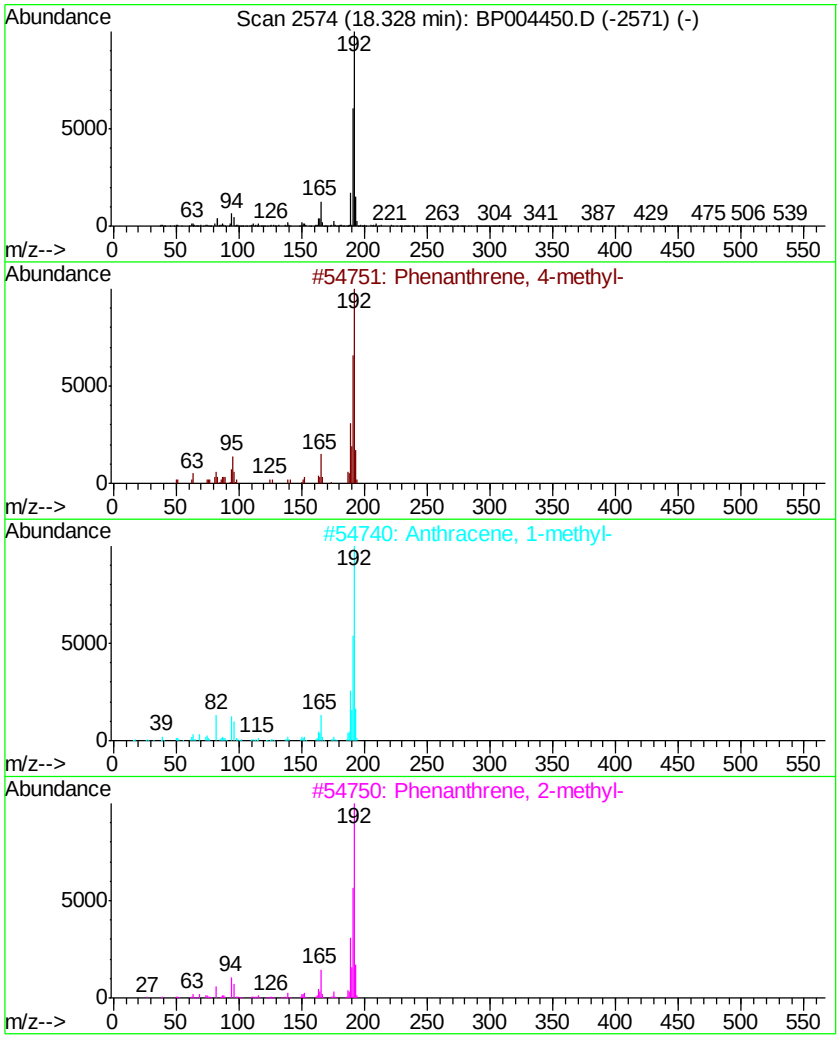
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

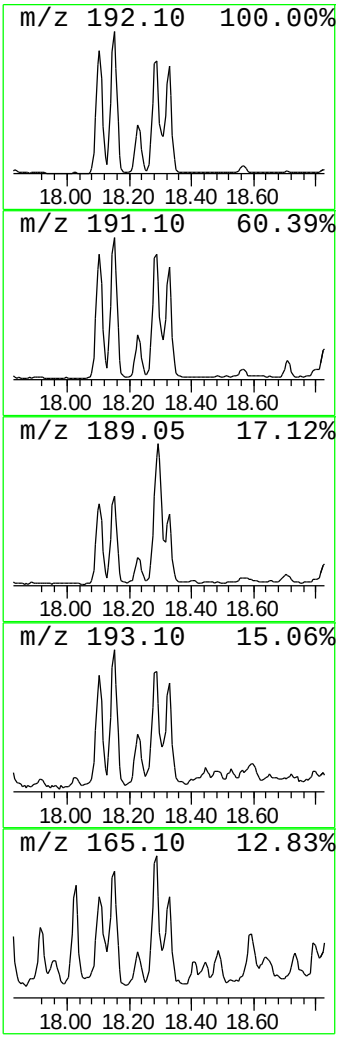
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.04 ng/ul	378446	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Library Search Compound Report

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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

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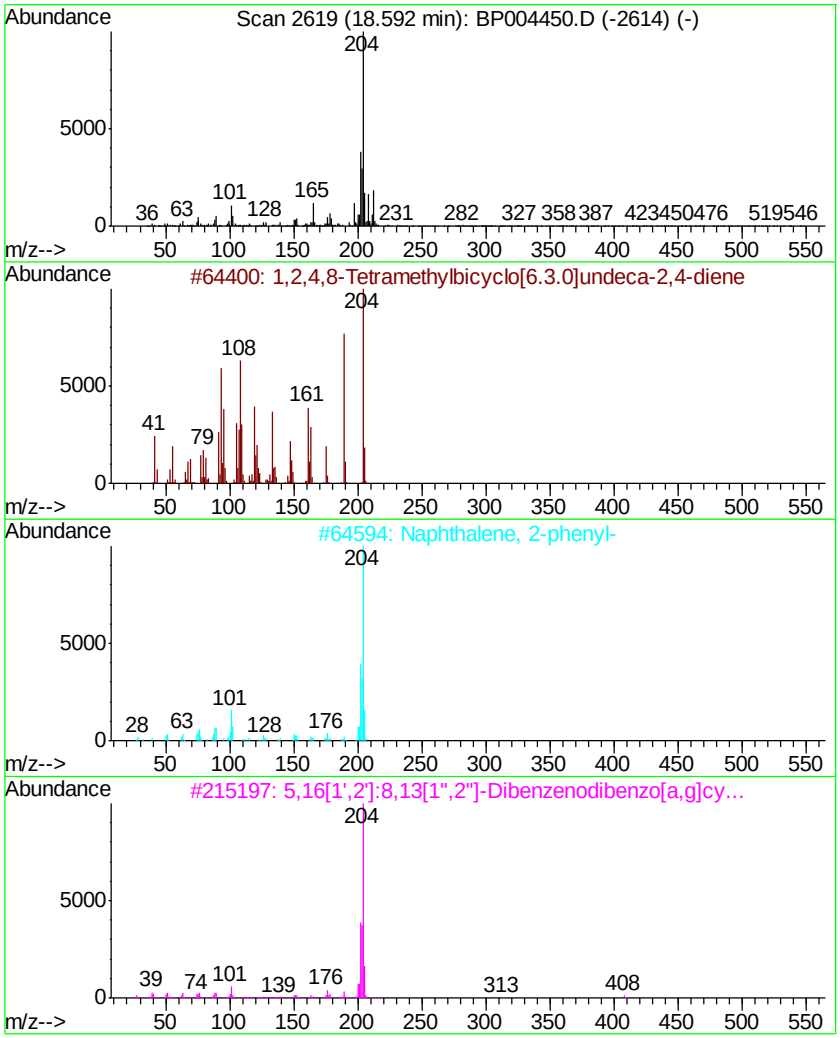
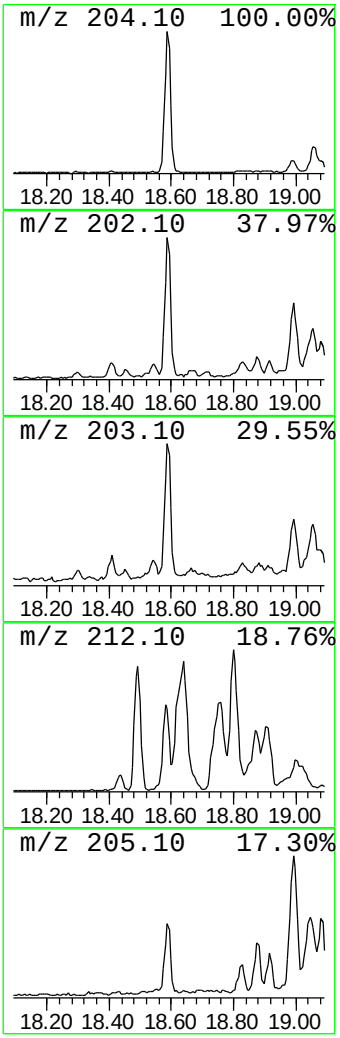
Peak Number 8 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.87 ng/ul	356787	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

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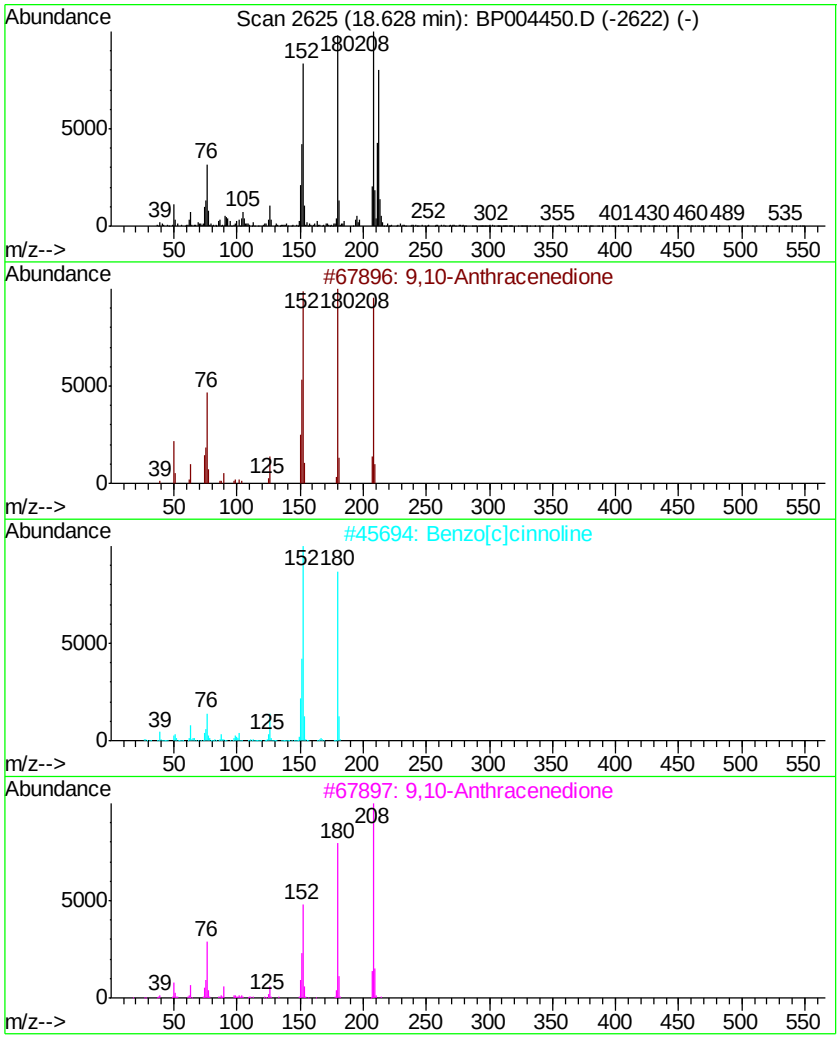
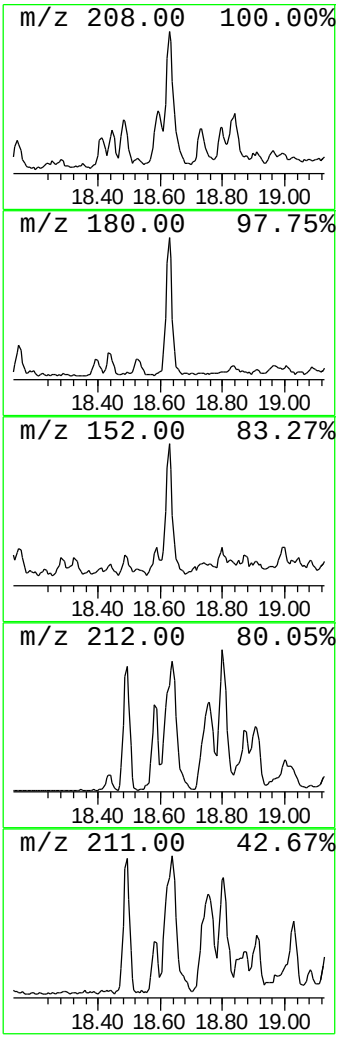
Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.86 ng/ul	355422	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	89
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	46





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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

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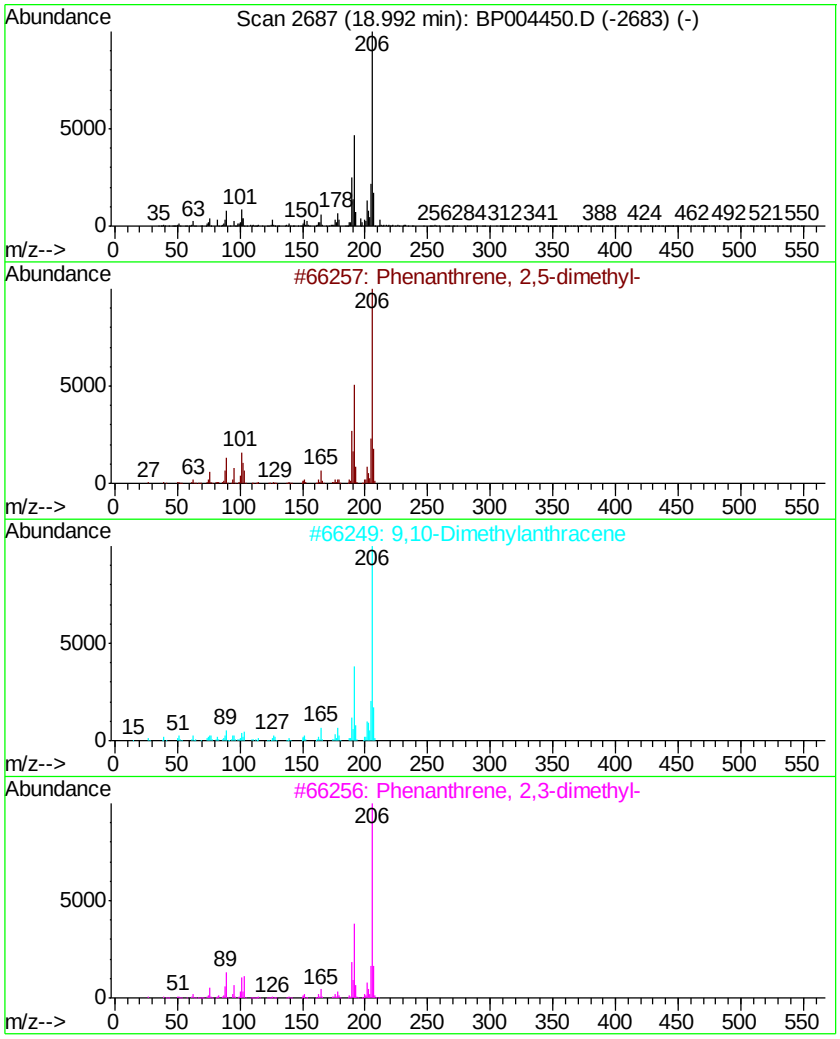
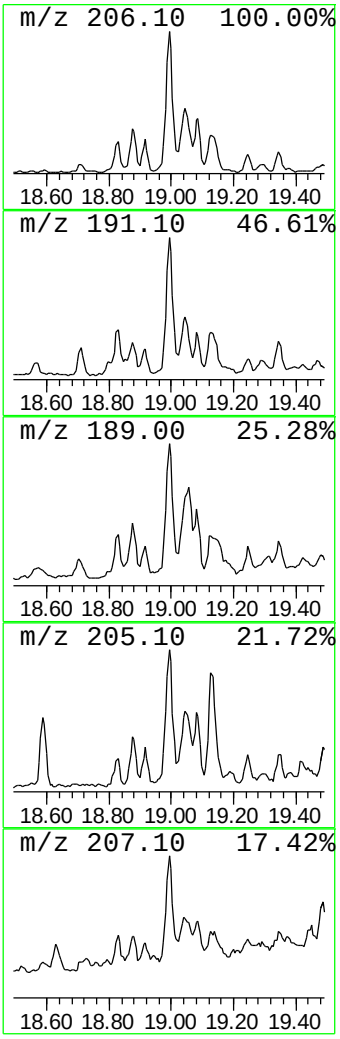
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.69 ng/ul	458984	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

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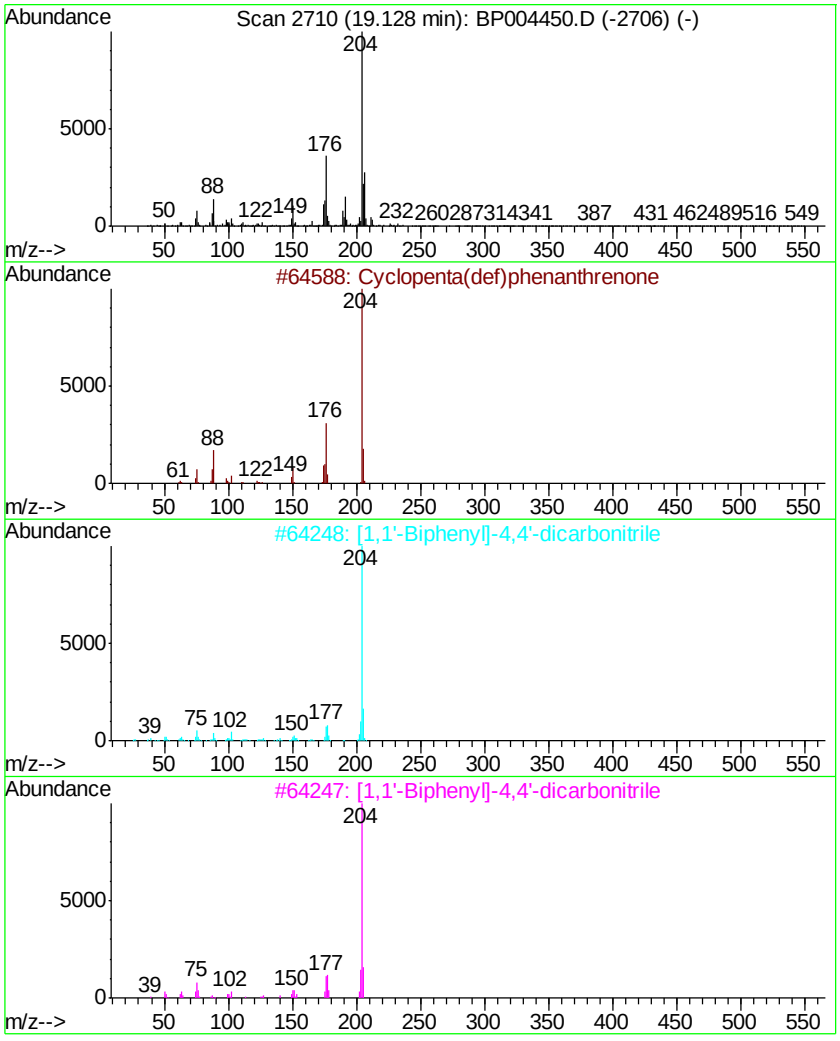
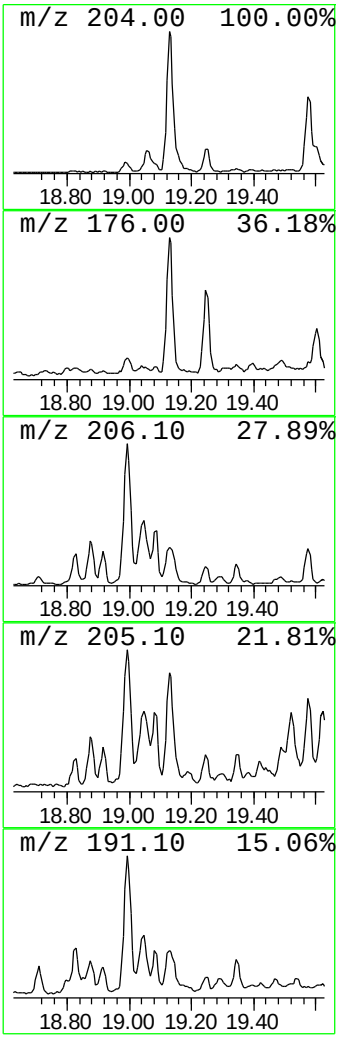
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.87 ng/ul	481596	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49





Library Search Compound Report

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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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

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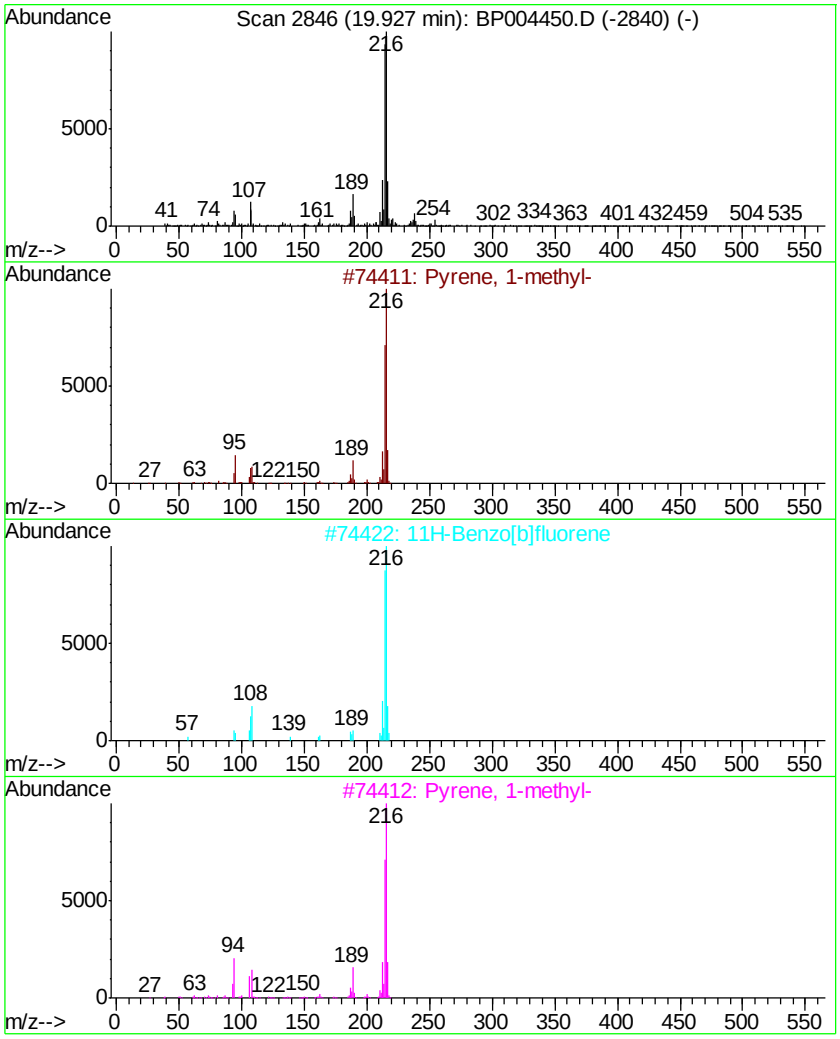
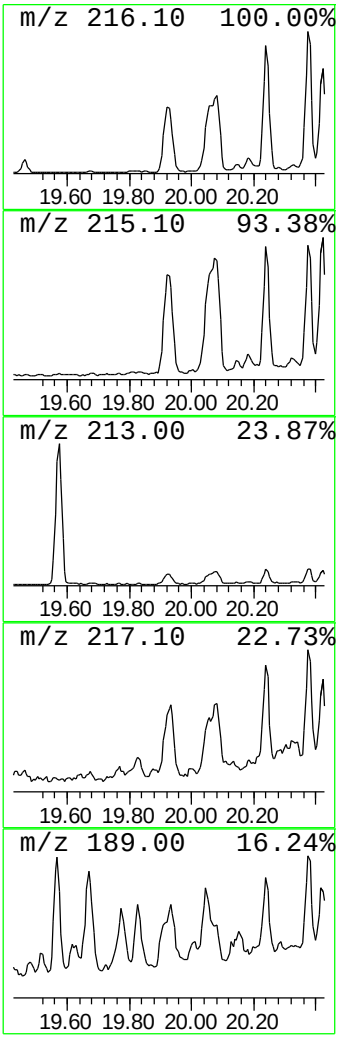
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.56 ng/ul	559961	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Tentatively Identified Compound (LSC) summary

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Data File : BP004450.D
Acq On : 28 Dec 2020 13:39
Operator : CG/JU
Sample : L5132-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54T8

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
unknown-01	3.83	2.9	ng/ul	160246	1	7.83	1120470	20.0
Dibenzothiophene	17.05	2.0	ng/ul	253841	4	17.23	2486870	20.0
Dibenzothiophene,...	17.82	2.6	ng/ul	326951	4	17.23	2486870	20.0
Phenanthrene, 2-m...	18.10	4.6	ng/ul	577049	4	17.23	2486870	20.0
Anthracene, 2-met...	18.15	4.7	ng/ul	581306	4	17.23	2486870	20.0
Phenanthrene, 1-m...	18.29	5.8	ng/ul	716954	4	17.23	2486870	20.0
Phenanthrene, 4-m...	18.33	3.0	ng/ul	378446	4	17.23	2486870	20.0
1,2,4,8-Tetrameth...	18.59	2.9	ng/ul	356787	4	17.23	2486870	20.0
9,10-Anthracenedione	18.63	2.9	ng/ul	355422	4	17.23	2486870	20.0
Phenanthrene, 2,5...	18.99	3.7	ng/ul	458984	4	17.23	2486870	20.0
Cyclopenta(def)ph...	19.13	3.9	ng/ul	481596	4	17.23	2486870	20.0
Pyrene, 1-methyl-	19.93	2.6	ng/ul	559961	5	21.33	4370210	20.0