LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

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-BP121020MA.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	3.840	108	111	120	rVB2	80111	112024	0.88%	0.069%
2	7.005	642	649	664	rVB2	718620	1391876	10.90%	0.855%
3	7.169	671	677	685	rBV	580001	914314	7.16%	0.562%
4	7.369	705	711	718	rBV	771956	1244678	9.75%	0.765%
5	7.840	784	791	799	rBV	1527154	2465358	19.30%	1.515%
6	8.540	904	910	919	rBV	834544	1322659	10.36%	0.813%
7	8.993	980	987	996	rVB	730208	1202930	9.42%	0.739%
8	9.716	1102	1110	1122	rBV	580901	995690	7.80%	0.612%
9	10.257	1194	1202	1212	rBV	955664	1633672	12.79%	1.004%
10	10.634	1258	1266	1273	rBV	2139962	3736944	29.26%	2.296%
11	10.687	1273	1275	1281	rVV	82000	109635	0.86%	0.067%
12	10.769	1281	1289	1302	rVV	802214	1460597	11.44%	0.898%
13	12.304	1542	1550	1557	rVB	92994	153625	1.20%	0.094%
14	12.522	1580	1587	1595	rVB	93492	158417	1.24%	0.097%
15	13.316	1716	1722	1729	rVV3	67449	105559	0.83%	0.065%
16	13.804	1794	1805	1810	rBV2	116114	217857	1.71%	0.134%
17	13.893	1810	1820	1824	rVV	1697770	2507839	19.64%	1.541%
18	13.940	1824	1828	1832	rVV	277392	398868	3.12%	0.245%
19	14.181	1862	1869	1881	rVB	2092865	3303502	25.87%	2.030%
20	14.487	1910	1921	1927	rBV2	3339246	5143181	40.27%	3.161%
21	14.551	1927	1932	1939	rVB	439154	656516	5.14%	0.403%
22	14.681	1948	1954	1965	rBV	574968	954002	7.47%	0.586%
23	14.887	1983	1989	1997	rVB	317394	505329	3.96%	0.311%
24	15.110	2019	2027	2032	rBV	71461	138118	1.08%	0.085%
25	15.281	2049	2056	2060	rBV3	64346	142488	1.12%	0.088%
26	15.487	2082	2091	2096	rVV	2526959	3817399	29.89%	2.346%
27	15.540	2096	2100	2108	rVV	493279	730657	5.72%	0.449%
28	15.610	2108	2112	2118	rVV2	197995	354294	2.77%	0.218%
29	15.663	2118	2121	2125	rVV3	94712	145139	1.14%	0.089%
30	15.704	2125	2128	2133	rVV5	82459	148870	1.17%	0.091%
31	15.834	2146	2150	2160	rVB	185276	321794	2.52%	0.198%
32	15.987	2171	2176	2183	rVB	184959	380720	2.98%	0.234%
33	16.075	2183	2191	2198	rVB3	59717	138686	1.09%	0.085%
34	16.181	2200	2209	2212	rBV2	50728	99713	0.78%	0.061%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

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-BP121020MA.M
Title : SVOA CALIBRATION

35	16.216	2212	2215	2223	rVB4	101926	171535	1.34%	0.105%
36	16.528	2260	2268	2269	rBV4	74498	132178	1.03%	0.081%
37	16.551	2269	2272	2277	rVV2	136165	210409	1.65%	0.129%
38	16.598	2277	2280	2286	rVB3	91259	140483	1.10%	0.086%
39	16.704	2294	2298	2303	rVB3	62638	98752	0.77%	0.061%
40	16.781	2303	2311	2314	rBV3	126189	250867	1.96%	0.154%
41	16.822	2314	2318	2322	rVV2	147039	233847	1.83%	0.144%
42	16.898	2326	2331	2339	rVB	396966	614944	4.82%	0.378%
43	16.981	2339	2345	2355	rBV6	145621	484979	3.80%	0.298%
44	17.063	2355	2359	2368	rVB	332924	517029	4.05%	0.318%
45	17.251	2384	2391	2394	rVV	4045649	5973083	46.77%	3.670%
46	17.292	2394	2398	2403	rVV	6173010	8695023	68.08%	5.343%
47	17.351	2403	2408	2411	rVV	2858465	4337701	33.97%	2.666%
48	17.381	2411	2413	2419	rVB	1261435	1586584	12.42%	0.975%
49	17.439	2419	2423	2429	rBV3	162596	260201	2.04%	0.160%
50	17.563	2441	2444	2449	rVB	79752	111477	0.87%	0.069%
51	17.651	2450	2459	2464	rBV2	703105	1172272	9.18%	0.720%
52	17.769	2475	2479	2483	rVV2	115209	145193	1.14%	0.089%
53	17.834	2486	2490	2499	rVB2	187462	297294	2.33%	0.183%
54	17.969	2509	2513	2521	rVB	91523	190422	1.49%	0.117%
55	18.039	2522	2525	2529	rBV	94068	125132	0.98%	0.077%
56	18.122	2533	2539	2543	rVV	908352	1403549	10.99%	0.862%
57	18.163	2543	2546	2553	rVB	1214927	1724418	13.50%	1.060%
58	18.245	2555	2560	2564	rBV	385108	538344	4.22%	0.331%
59	18.310	2564	2571	2574	rBV2	1163111	2084460	16.32%	1.281%
60	18.339	2574	2576	2582	rVB	611735	806624	6.32%	0.496%
61	18.457	2593	2596	2599	rVB3	116715	145006	1.14%	0.089%
62	18.604	2616	2621	2624	rBV	655577	899069	7.04%	0.552%
63	18.645	2624	2628	2633	rVB	588956	806976	6.32%	0.496%
64	18.728	2639	2642	2648	rBV2	87690	121661	0.95%	0.075%
65	18.845	2658	2662	2666	rBV2	229693	288951	2.26%	0.178%
66	18.892	2666	2670	2673	rVV	219125	284699	2.23%	0.175%
67	18.928	2673	2676	2680	rVB2	219451	263334	2.06%	0.162%
68	19.010	2685	2690	2694	rBV2	553483	915568	7.17%	0.563%
69	19.098	2703	2705	2709	rVB	198946	203175	1.59%	0.125%
70	19.145	2709	2713	2721	rBV	503431	813936	6.37%	0.500%
71	19.269	2728	2734	2739	rVB	9092306	12113329	94.85%	7.444%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

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-BP121020MA.M
Title : SVOA CALIBRATION

72	19.328	2741	2744	2746	rVV	154199	171788	1.35%	0.106%
73	19.363	2746	2750	2754	rVB	247063	340798	2.67%	0.209%
74	19.457	2762	2766	2769	rBV3	167335	268257	2.10%	0.165%
75	19.504	2771	2774	2777	rVB	238582	286933	2.25%	0.176%
76	19.592	2783	2789	2791	rBV2	5080861	7662154	60.00%	4.708%
77	19.622	2791	2794	2801	rVV	7885700	10085866	78.97%	6.198%
78	19.686	2801	2805	2812	rVB3	453083	719251	5.63%	0.442%
79	19.792	2819	2823	2828	rBV	417569	563931	4.42%	0.347%
80	19.851	2829	2833	2838	rVB	432956	629408	4.93%	0.387%
81	19.945	2842	2849	2853	rBV2	546957	1375713	10.77%	0.845%
82	20.069	2866	2870	2871	rBV2	309965	426964	3.34%	0.262%
83	20.098	2872	2875	2881	rVB2	876669	1223795	9.58%	0.752%
84	20.198	2888	2892	2896	rBV	498181	648333	5.08%	0.398%
85	20.257	2896	2902	2906	rVV2	742075	1328663	10.40%	0.816%
86	20.292	2906	2908	2912	rVB	187701	196423	1.54%	0.121%
87	20.392	2922	2925	2928	rBV	428995	524499	4.11%	0.322%
88	20.439	2929	2933	2937	rVB	505371	623788	4.88%	0.383%
89	20.833	2996	3000	3006	rVB	952409	1241008	9.72%	0.763%
90	20.998	3023	3028	3031	rBV2	583059	946826	7.41%	0.582%
91	21.033	3031	3034	3036	rBV	561401	731067	5.72%	0.449%
92	21.122	3045	3049	3056	rVB2	960833	1413967	11.07%	0.869%
93	21.339	3080	3086	3090	rBV3	6451502	12771067	100.00%	7.848%
94	21.380	3090	3093	3103	rVB	4016015	5193029	40.66%	3.191%
95	21.498	3110	3113	3119	rBV	597669	884159	6.92%	0.543%
96	22.998	3362	3368	3373	rBV	2960693	7070393	55.36%	4.345%
97	23.504	3449	3454	3459	rBV	1498897	2999939	23.49%	1.843%
98	23.563	3459	3464	3468	rVV	2134443	4307297	33.73%	2.647%
99	23.610	3468	3472	3479	rVB	2909084	5296870	41.48%	3.255%
100	23.710	3483	3489	3495	rBV	3269779	6524787	51.09%	4.010%

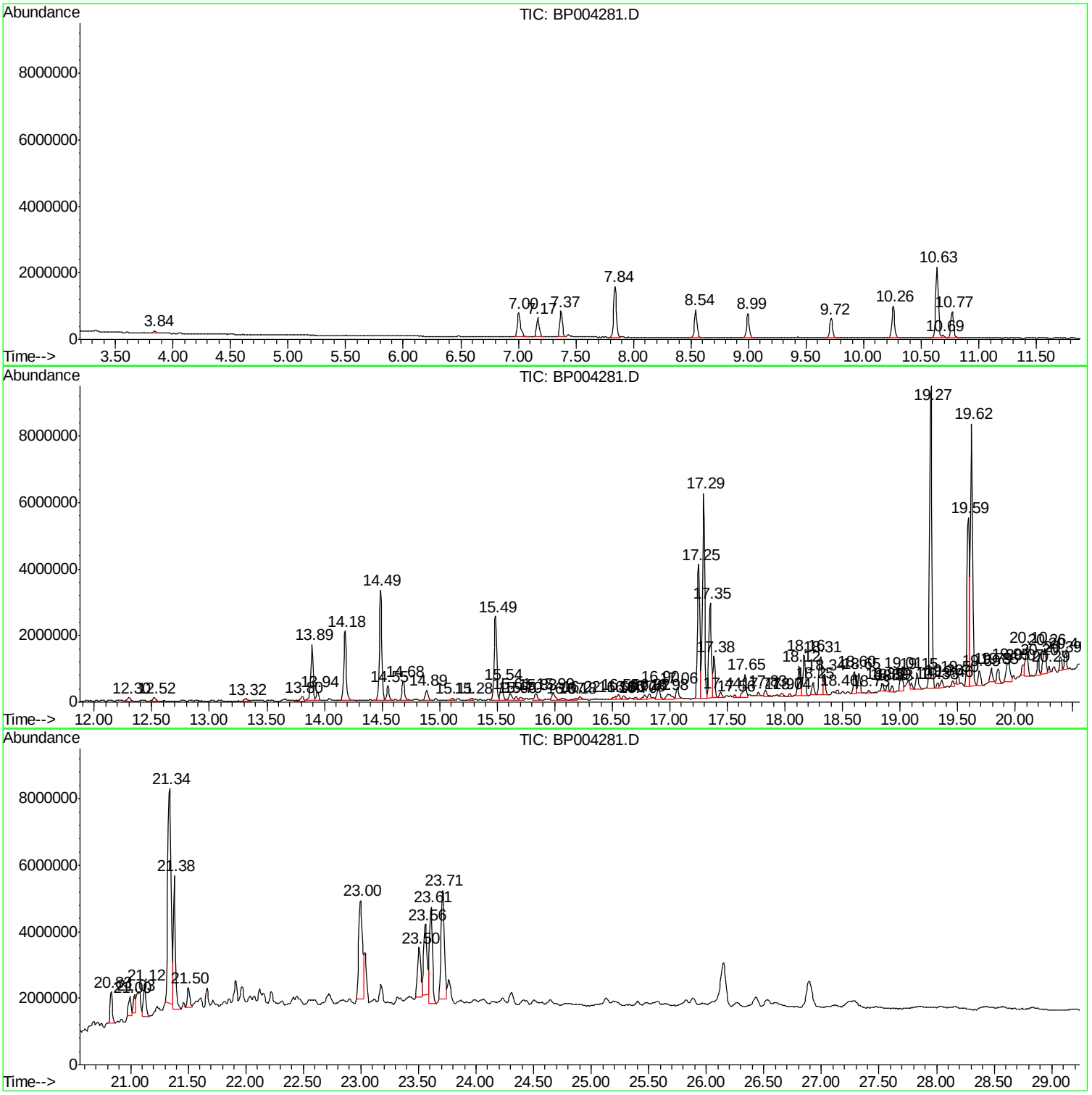
Sum of corrected areas: 162732427

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

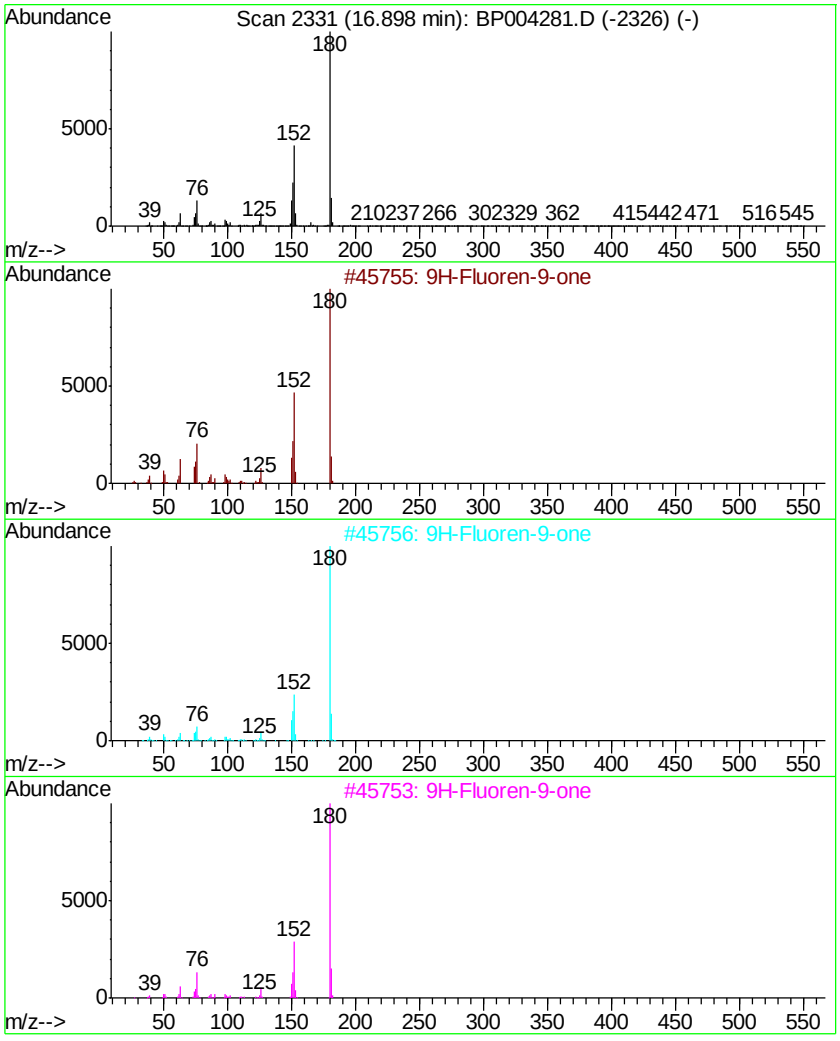
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

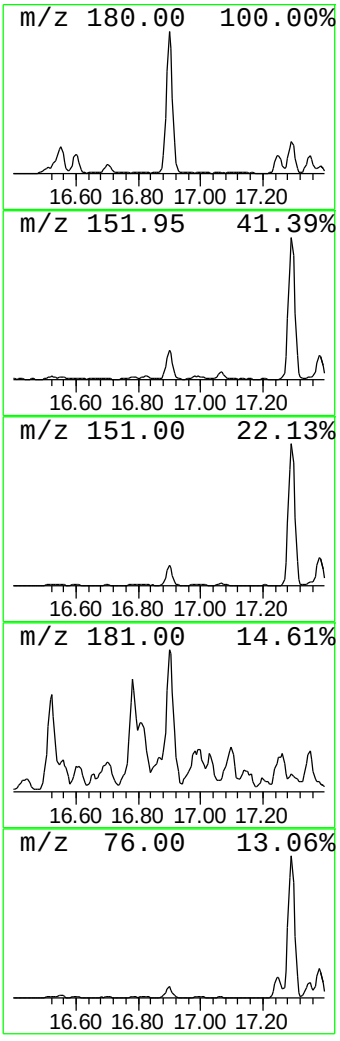
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.06 ng/ul	614944	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

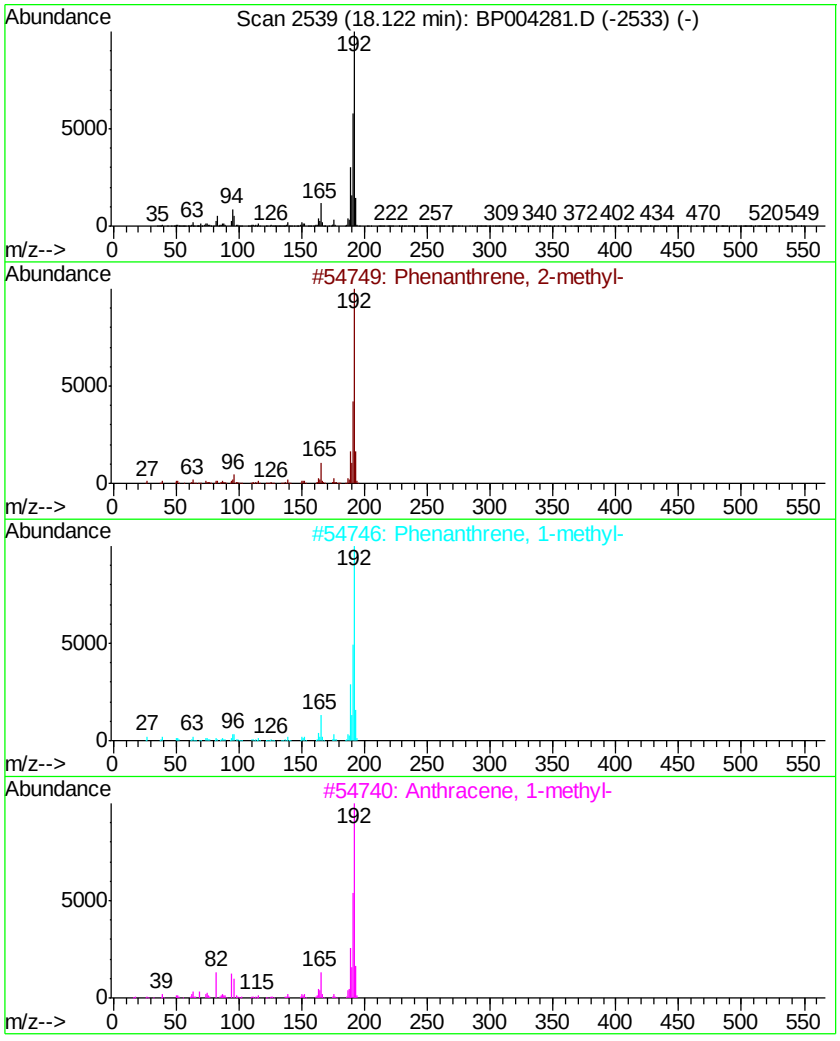
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

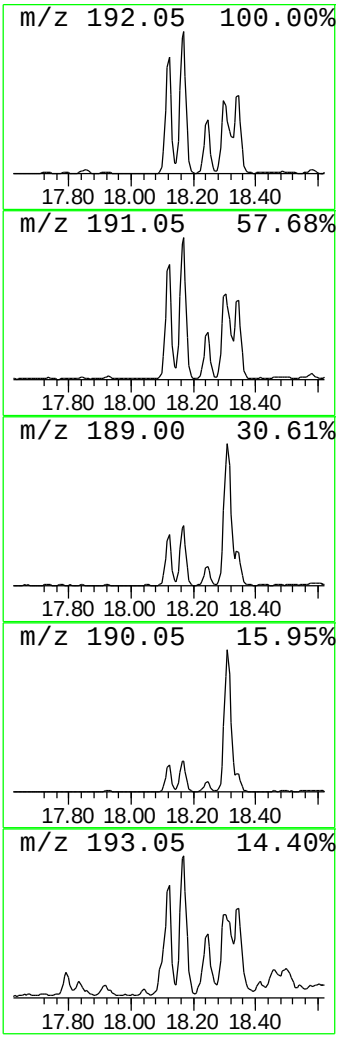
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.70 ng/ul	1403550	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

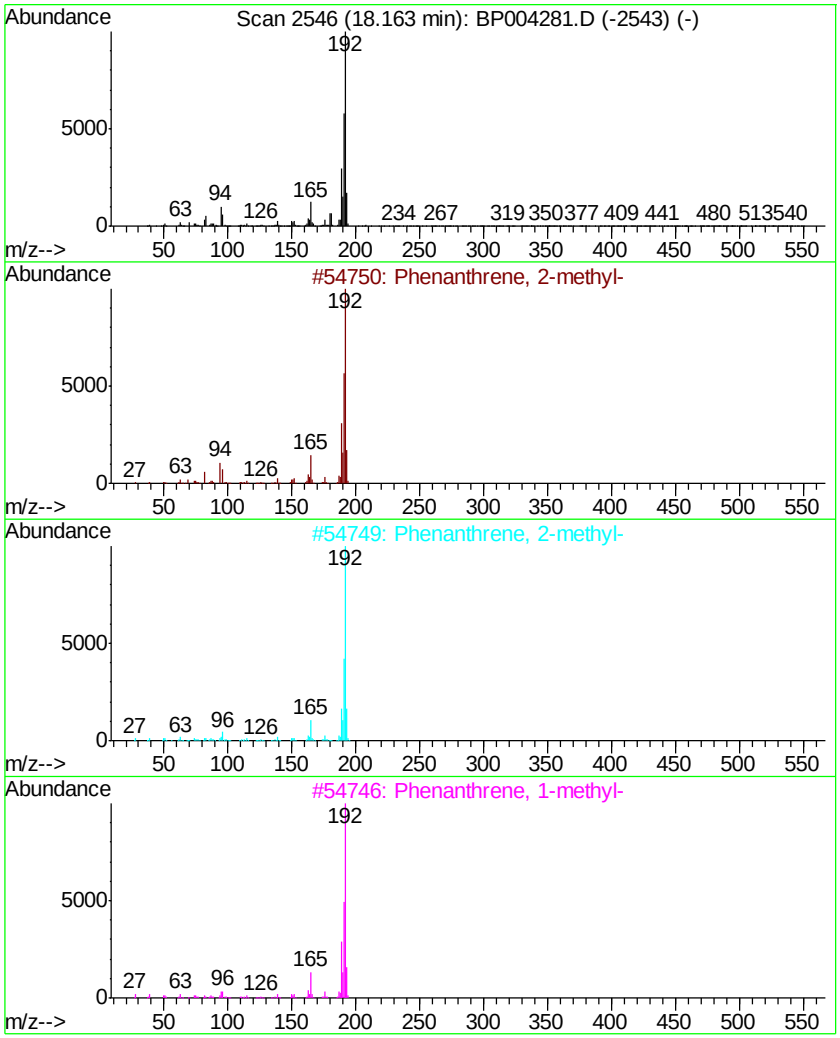
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

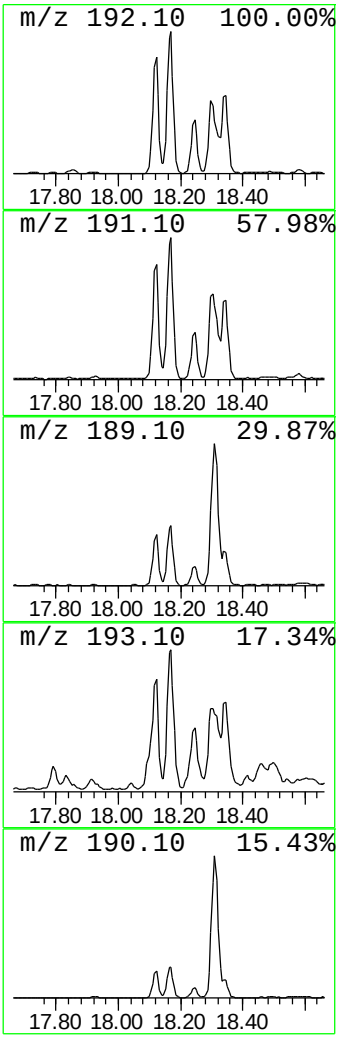
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.77 ng/ul	1724420	Phenanthrene-d10	17.25

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	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

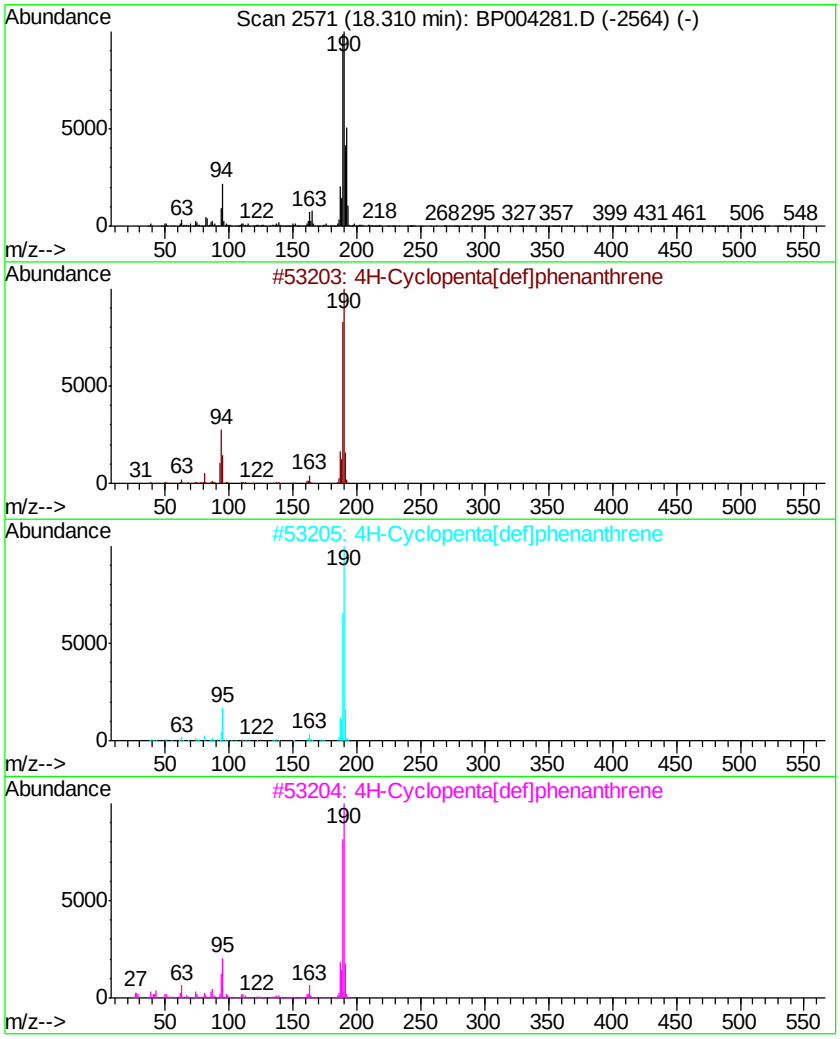
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

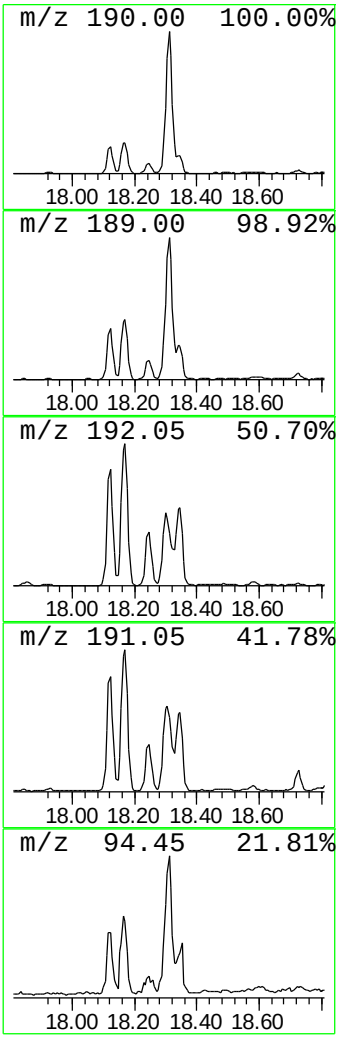
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.98 ng/ul	2084460	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

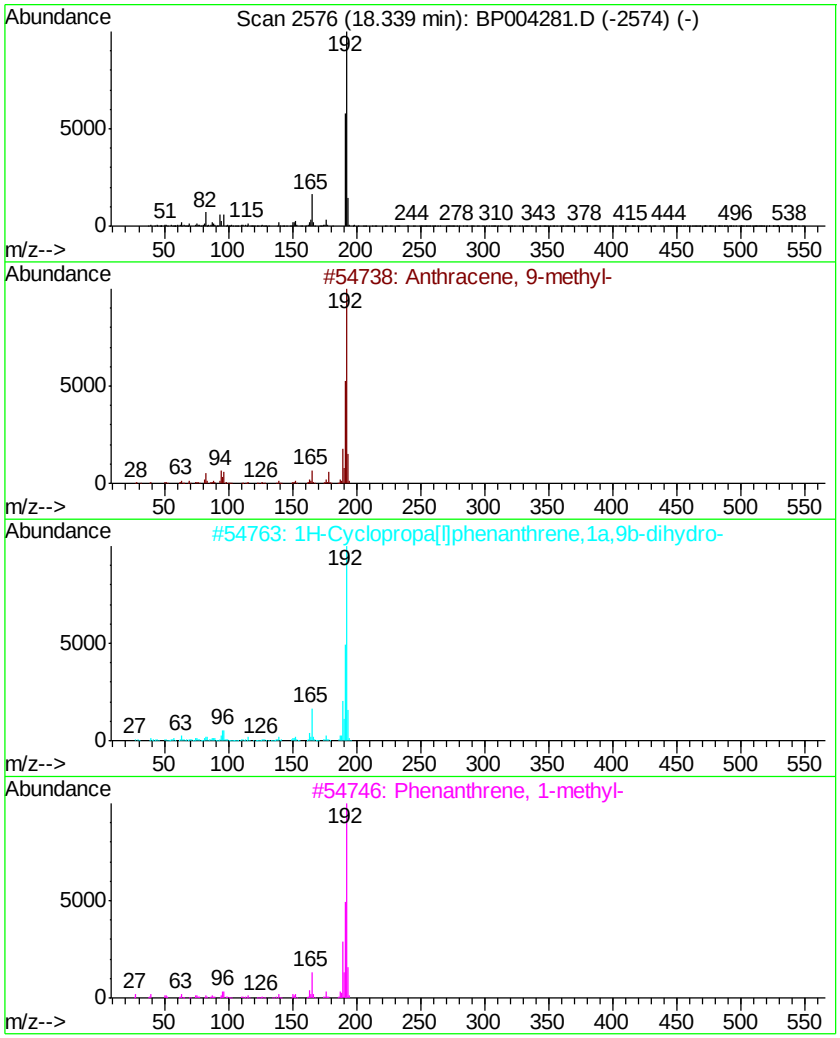
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

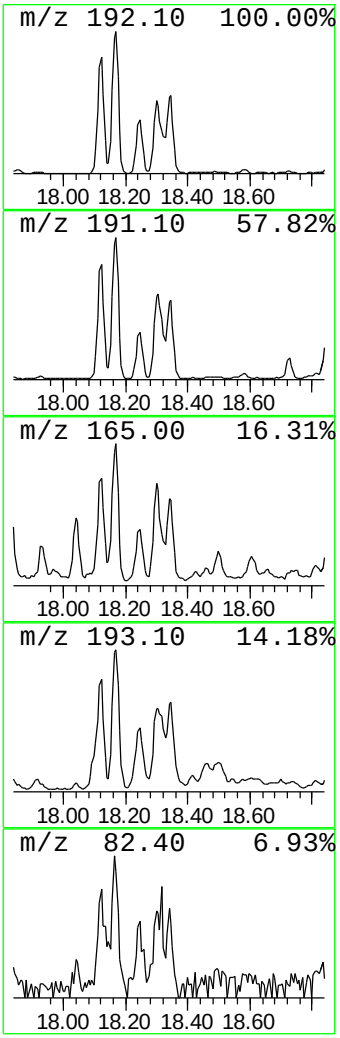
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.70 ng/ul	806624	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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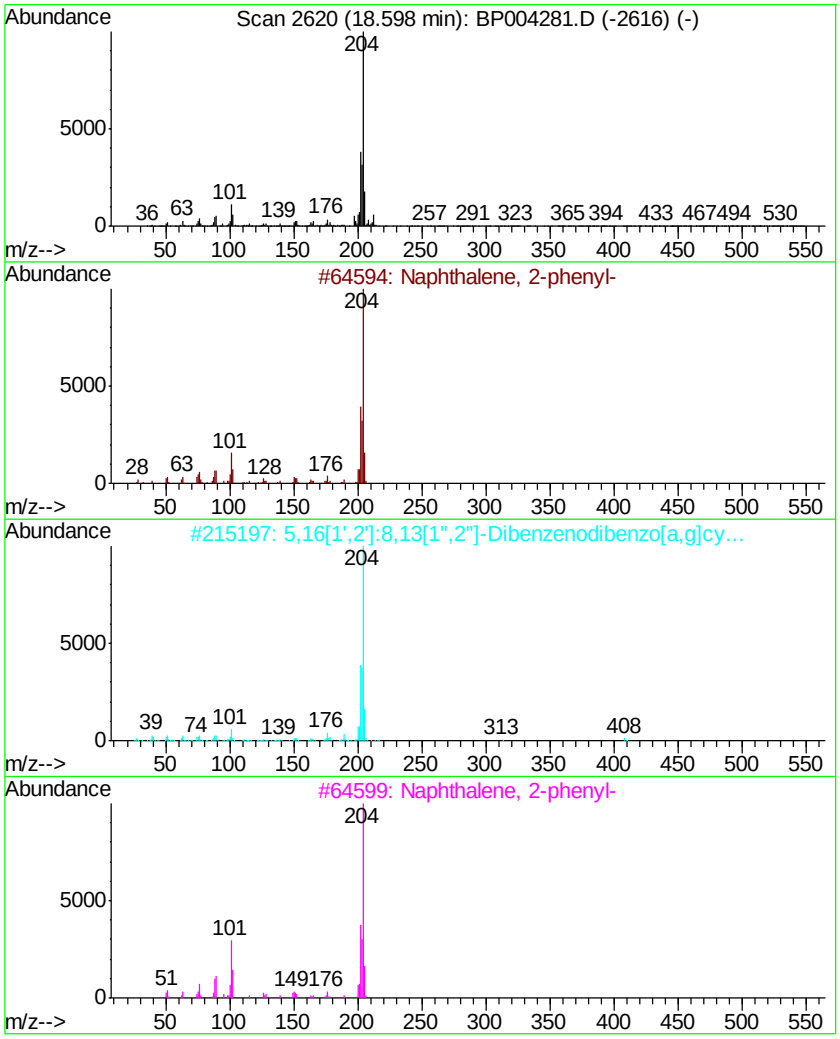
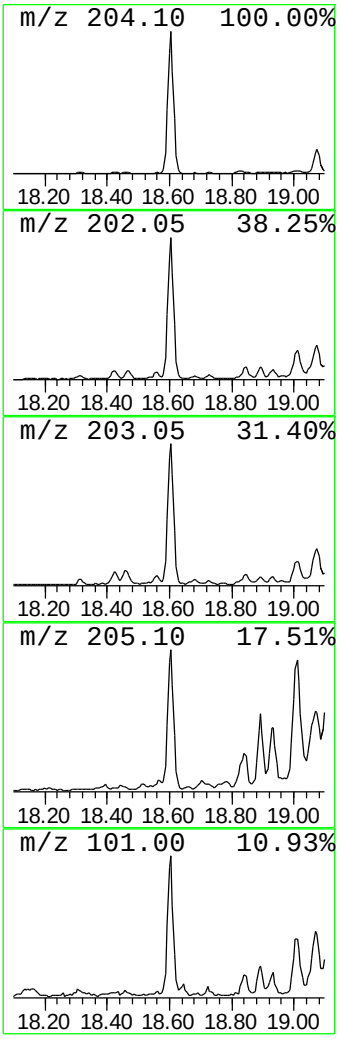
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.01 ng/ul	899069	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

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Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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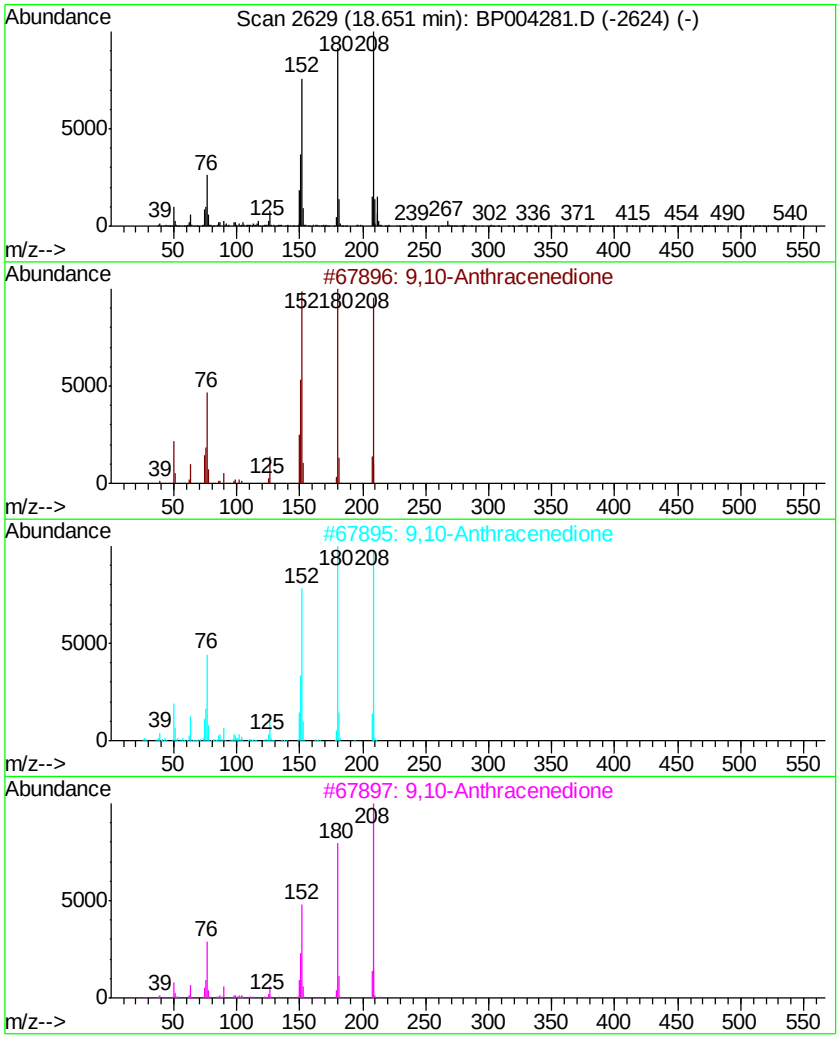
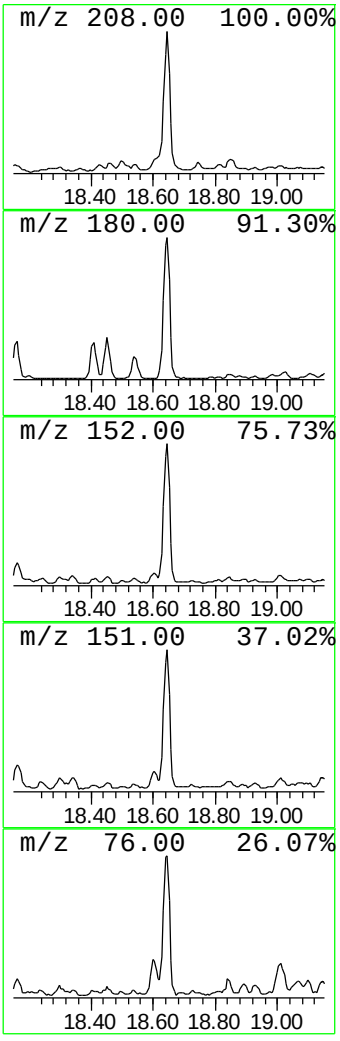
Peak Number 7 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	2.70 ng/ul	806976	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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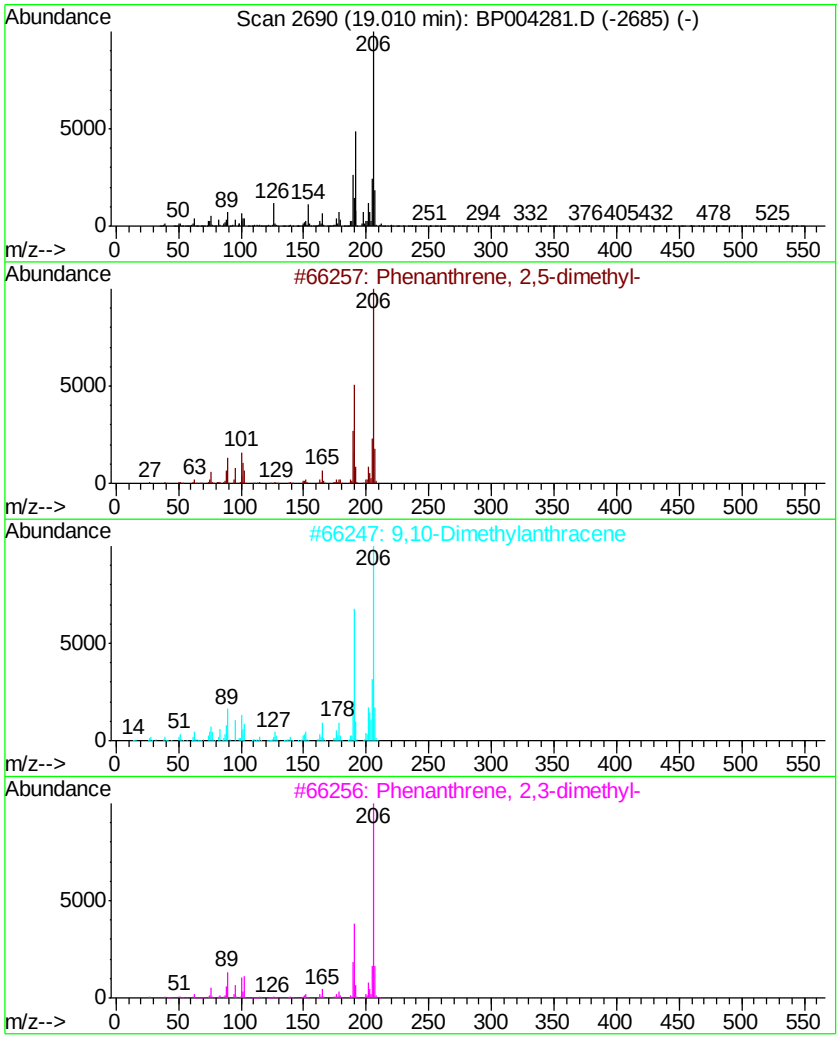
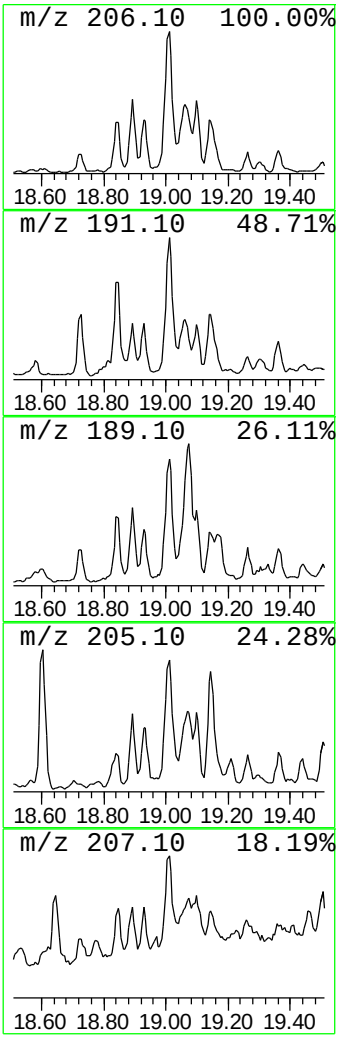
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.07 ng/ul	915568	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76





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Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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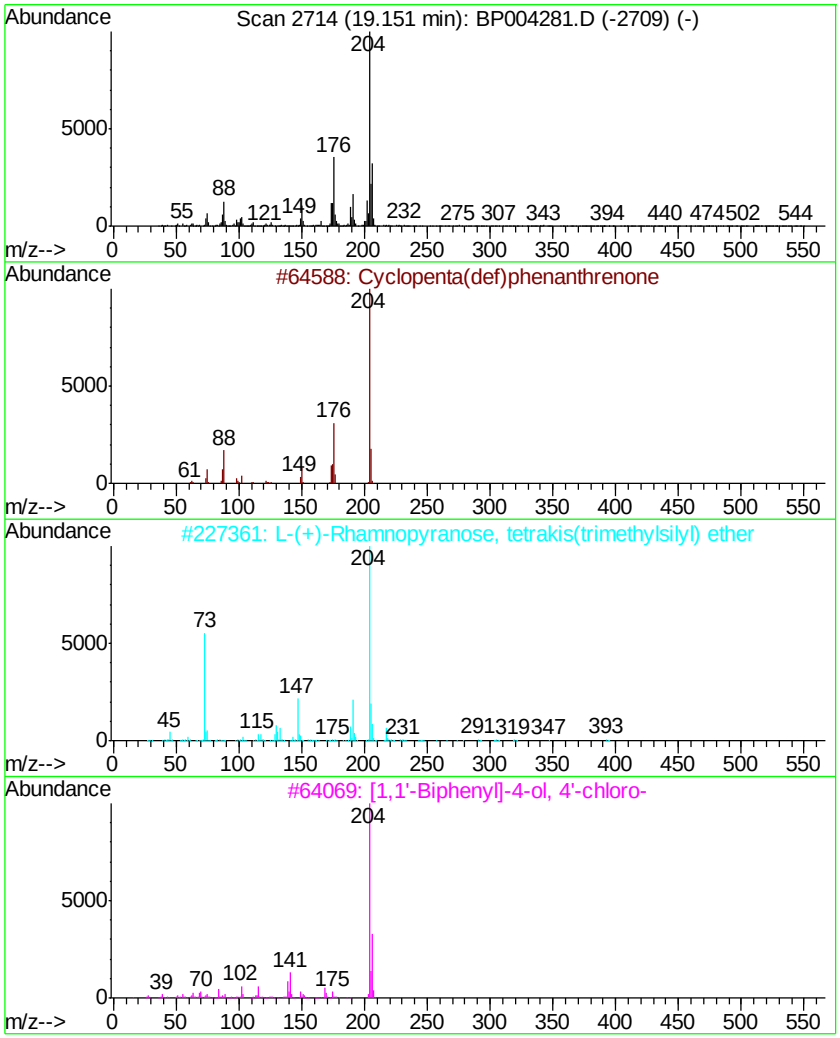
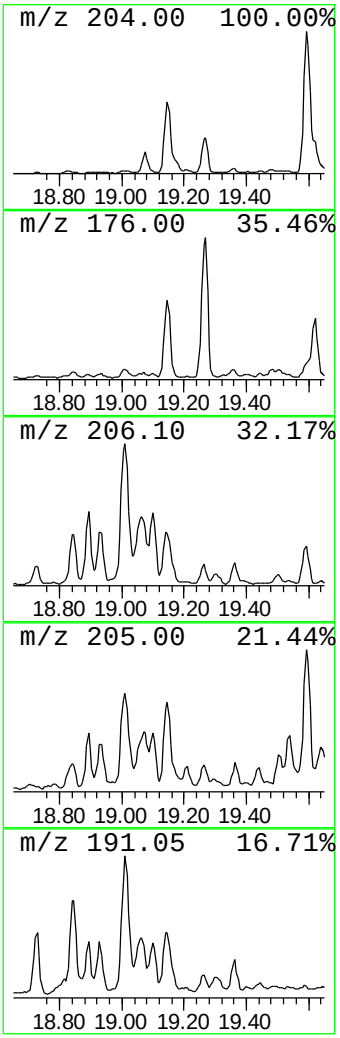
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.73 ng/ul	813936	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	50
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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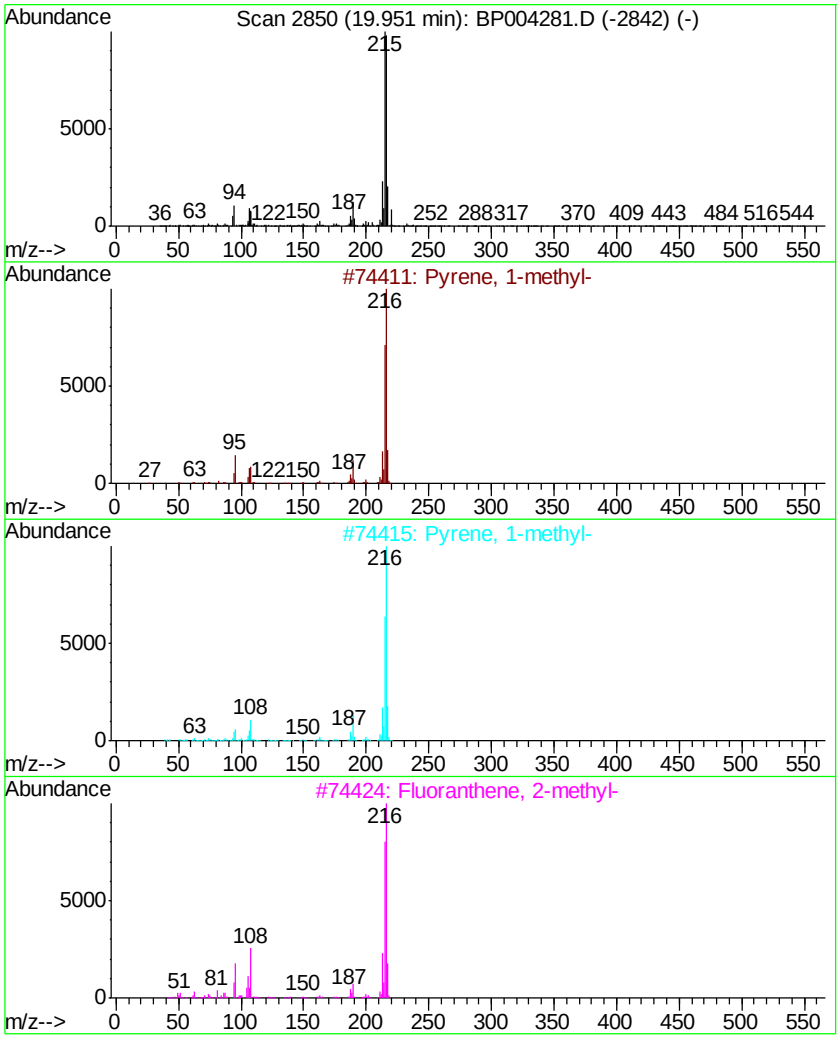
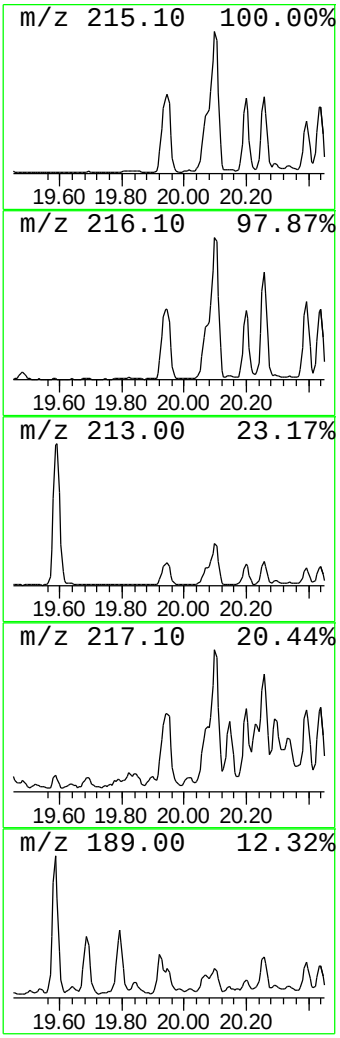
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.15 ng/ul	1375710	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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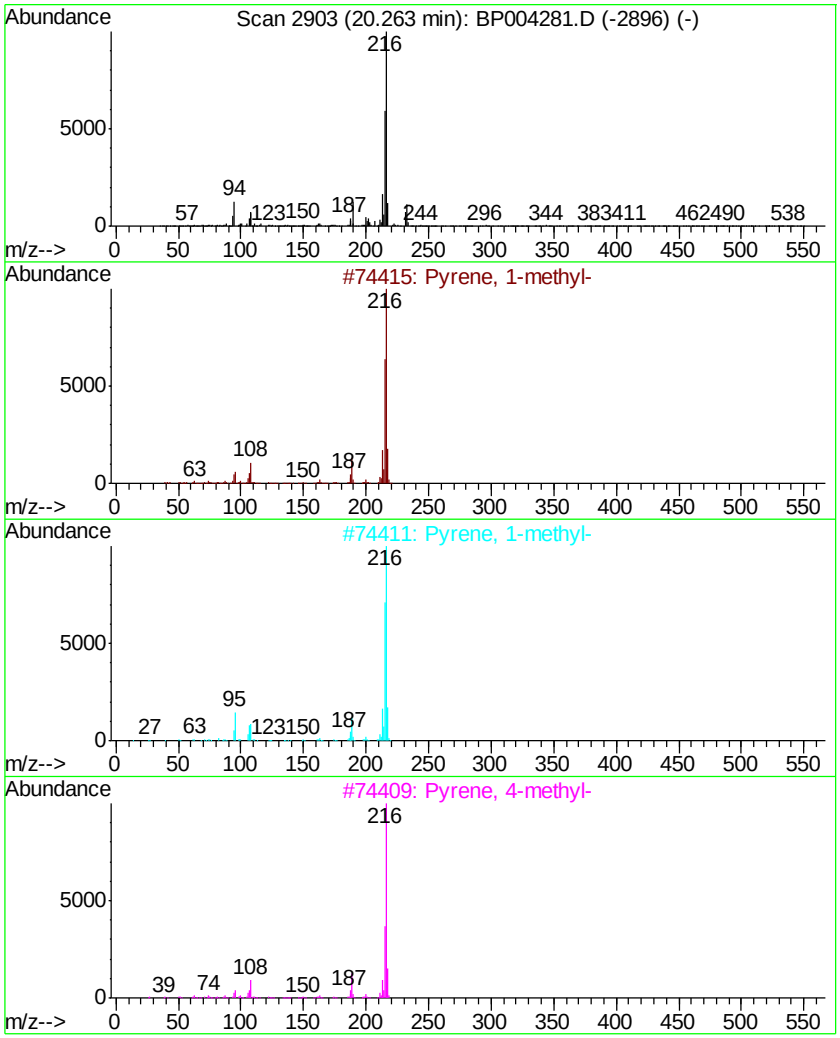
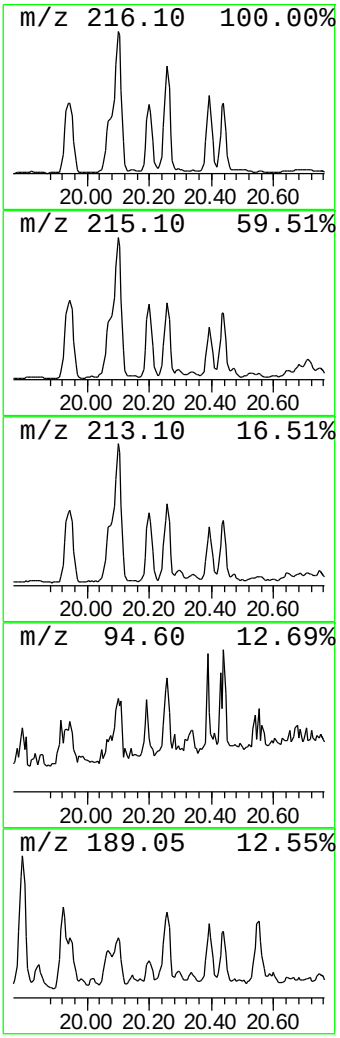
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.08 ng/ul	1328660	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





Library Search Compound Report

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Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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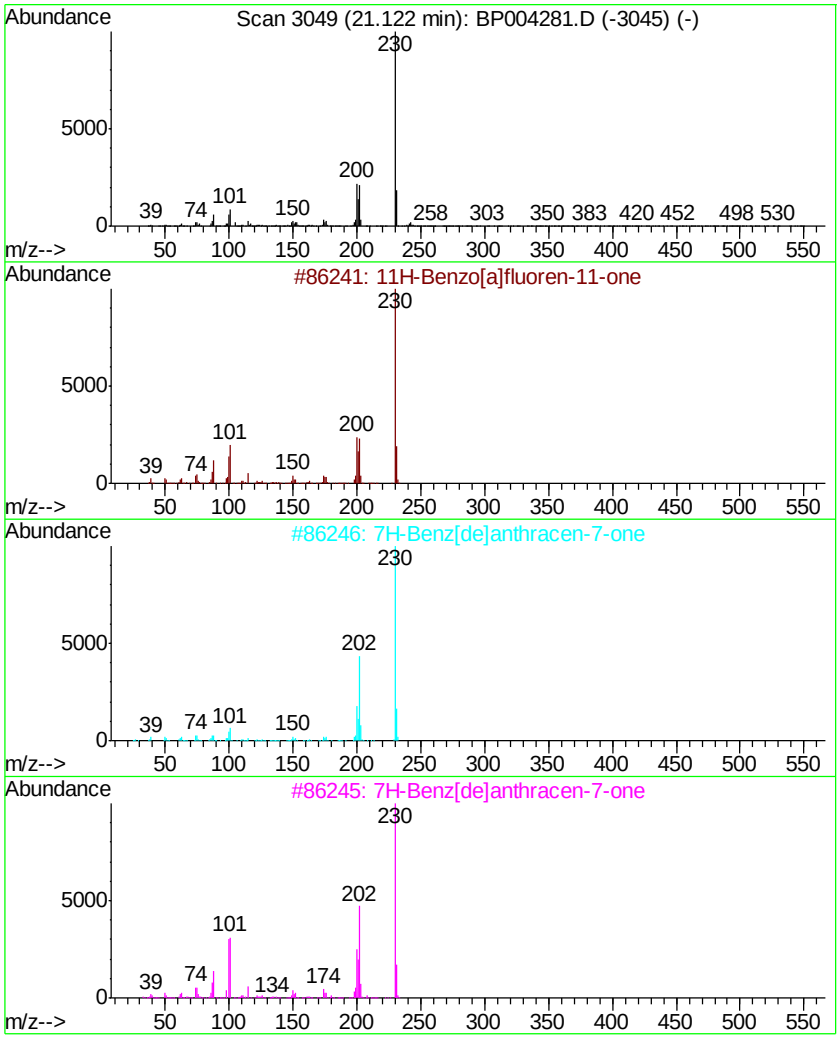
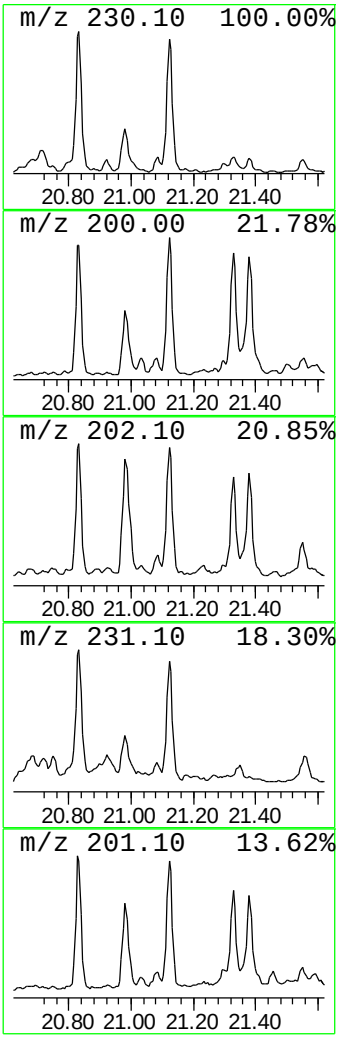
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.21 ng/ul	1413970	Chrysene-d12	21.35

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	64
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





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Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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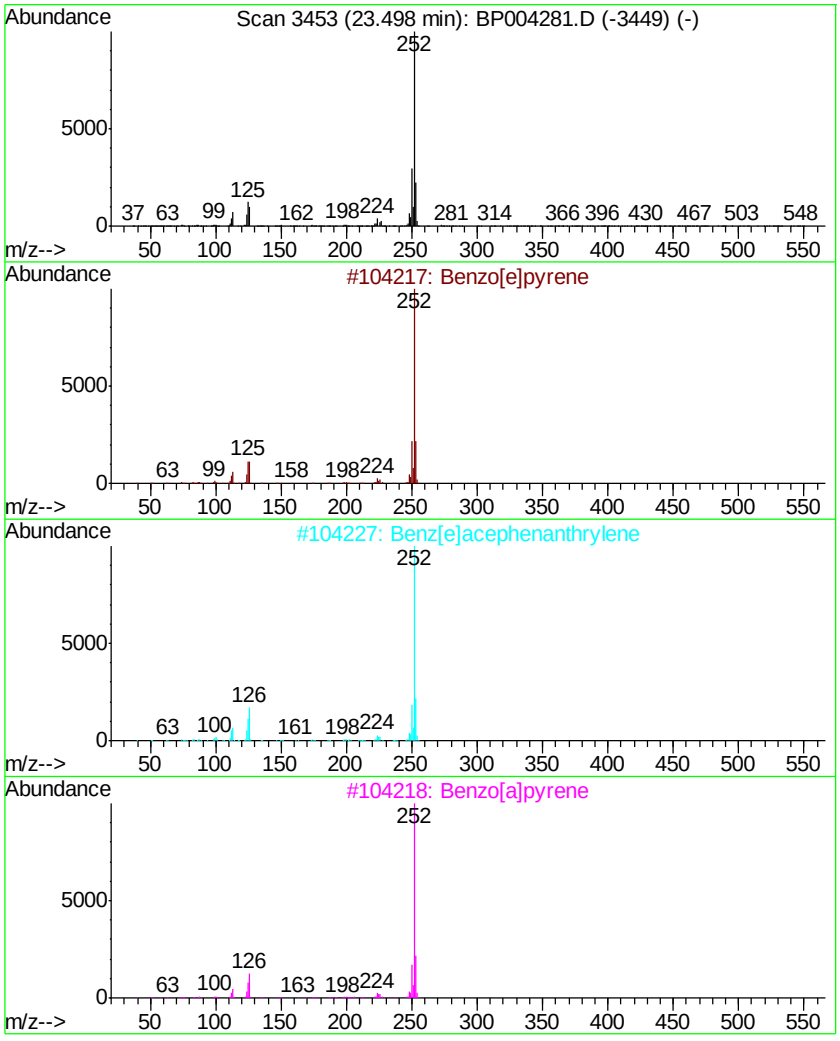
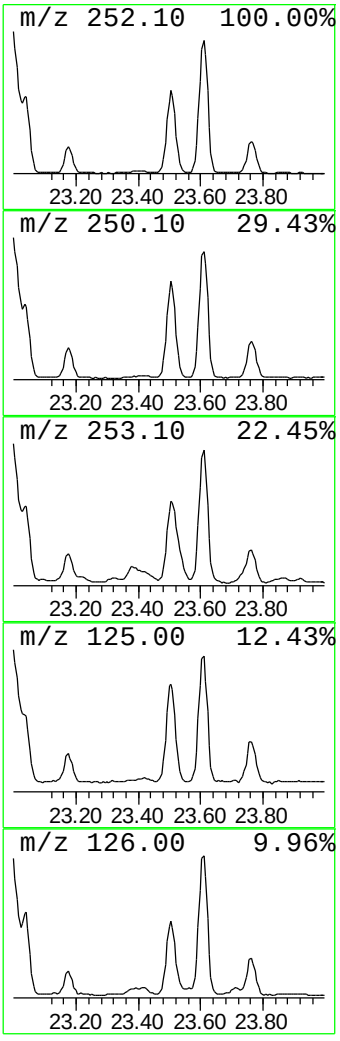
Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	9.20 ng/ul	2999940	Perylene-d12	23.71

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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	16.90	2.1	ng/ul	614944	4	17.25	5973080	20.0
Phenanthrene, 2-m...	18.12	4.7	ng/ul	1403550	4	17.25	5973080	20.0
Phenanthrene, 1-m...	18.16	5.8	ng/ul	1724420	4	17.25	5973080	20.0
4H-Cyclopenta[def...	18.31	7.0	ng/ul	2084460	4	17.25	5973080	20.0
Anthracene, 9-met...	18.34	2.7	ng/ul	806624	4	17.25	5973080	20.0
Naphthalene, 2-ph...	18.60	3.0	ng/ul	899069	4	17.25	5973080	20.0
9,10-Anthracenedione	18.65	2.7	ng/ul	806976	4	17.25	5973080	20.0
Phenanthrene, 2,5...	19.01	3.1	ng/ul	915568	4	17.25	5973080	20.0
Cyclopenta(def)ph...	19.15	2.7	ng/ul	813936	4	17.25	5973080	20.0
Pyrene, 1-methyl-	19.95	2.1	ng/ul	1375710	5	21.35	12771100	20.0
Pyrene, 4-methyl-	20.26	2.1	ng/ul	1328660	5	21.35	12771100	20.0
11H-Benzo[a]fluor...	21.12	2.2	ng/ul	1413970	5	21.35	12771100	20.0
Benzo[e]pyrene	23.50	9.2	ng/ul	2999940	6	23.71	6524790	20.0