LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.181	382	390	407	rBV	1973231	2999749	24.26%	1.769%
2	6.769	653	660	674	rBV	1831253	2976714	24.08%	1.756%
3	7.564	788	795	806	rBV	642863	1016779	8.22%	0.600%
4	8.716	975	991	998	rBV	1298586	2209172	17.87%	1.303%
5	10.340	1258	1267	1272	rBV	865549	1578376	12.77%	0.931%
6	10.393	1272	1276	1281	rVB	317705	513554	4.15%	0.303%
7	11.399	1441	1447	1452	rBV	273193	489496	3.96%	0.289%
8	11.805	1507	1516	1523	rBV2	184191	418906	3.39%	0.247%
9	12.016	1547	1552	1561	rVB3	318004	608204	4.92%	0.359%
10	12.240	1585	1590	1601	rVB	234708	379257	3.07%	0.224%
11	12.769	1676	1680	1684	rBV	295294	395716	3.20%	0.233%
12	12.834	1684	1691	1702	rVB	3115642	4659950	37.69%	2.748%
13	13.063	1722	1730	1737	rBV3	193657	478095	3.87%	0.282%
14	13.540	1806	1811	1815	rBV	303820	467262	3.78%	0.276%
15	13.593	1815	1820	1824	rVB	219109	329169	2.66%	0.194%
16	13.675	1831	1834	1838	rVV	372109	470458	3.81%	0.277%
17	13.728	1838	1843	1847	rVV	331789	458813	3.71%	0.271%
18	13.934	1874	1878	1886	rBV	469586	735880	5.95%	0.434%
19	14.146	1908	1914	1918	rBV	334266	476446	3.85%	0.281%
20	14.216	1918	1926	1932	rVV	1149290	1864265	15.08%	1.099%
21	14.281	1932	1937	1947	rVB	664878	1015036	8.21%	0.599%
22	14.622	1990	1995	2003	rVV2	492163	927491	7.50%	0.547%
23	14.704	2005	2009	2013	rVB	226694	312610	2.53%	0.184%
24	14.769	2015	2020	2025	rVB3	218358	312276	2.53%	0.184%
25	14.846	2028	2033	2037	rVV2	188216	335634	2.71%	0.198%
26	15.016	2055	2062	2065	rBV3	200778	383170	3.10%	0.226%
27	15.098	2072	2076	2081	rBV2	389931	505834	4.09%	0.298%
28	15.269	2100	2105	2110	rBV	903982	1350117	10.92%	0.796%
29	15.510	2139	2146	2151	rVB4	282719	562558	4.55%	0.332%
30	15.569	2151	2156	2160	rBV	234621	350541	2.84%	0.207%
31	15.716	2176	2181	2189	rVB	1993540	3001263	24.28%	1.770%
32	15.963	2218	2223	2226	rBV3	578691	802766	6.49%	0.473%
33	15.993	2226	2228	2232	rVB	328200	355073	2.87%	0.209%
34	16.281	2270	2277	2282	rBV2	242251	473486	3.83%	0.279%
35	16.551	2320	2323	2332	rVV5	206662	477228	3.86%	0.281%
36	16.628	2332	2336	2344	rVV	332612	518296	4.19%	0.306%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.710	2346	2350	2355	rVV5	191153	394156	3.19%	0.232%
38	16.763	2355	2359	2360	rVV	267075	334811	2.71%	0.197%
39	16.787	2360	2363	2374	rVB	481194	962016	7.78%	0.567%
40	16.975	2390	2395	2398	rBV	951560	1463957	11.84%	0.863%
41	17.022	2398	2403	2408	rVV	5388740	8523476	68.95%	5.027%
42	17.104	2409	2417	2423	rVB	1940365	2894954	23.42%	1.707%
43	17.169	2424	2428	2434	rBV2	219150	391144	3.16%	0.231%
44	17.381	2455	2464	2468	rBV2	557898	962167	7.78%	0.567%
45	17.498	2480	2484	2488	rVB2	421619	508184	4.11%	0.300%
46	17.557	2490	2494	2499	rBV3	249827	343883	2.78%	0.203%
47	17.698	2514	2518	2524	rVB	172783	293001	2.37%	0.173%
48	17.851	2539	2544	2548	rVV	1104292	1586583	12.83%	0.936%
49	17.898	2548	2552	2557	rVV	1483972	1973279	15.96%	1.164%
50	17.975	2561	2565	2570	rVV	605174	816344	6.60%	0.481%
51	18.039	2570	2576	2579	rVV2	1624275	2725736	22.05%	1.608%
52	18.075	2579	2582	2589	rVB	783888	1067557	8.64%	0.630%
53	18.334	2622	2626	2630	rBV	663991	890062	7.20%	0.525%
54	18.381	2630	2634	2640	rVB2	439806	627101	5.07%	0.370%
55	18.575	2664	2667	2672	rVV	309768	453151	3.67%	0.267%
56	18.628	2672	2676	2679	rVV	371431	475708	3.85%	0.281%
57	18.669	2679	2683	2686	rVB	258844	341650	2.76%	0.201%
58	18.745	2691	2696	2701	rVV	685900	1123592	9.09%	0.663%
59	18.804	2701	2706	2709	rVV4	423077	887850	7.18%	0.524%
60	18.881	2715	2719	2727	rBV2	517280	903282	7.31%	0.533%
61	19.010	2734	2741	2745	rBV	7268689	11100759	89.79%	6.547%
62	19.098	2753	2756	2760	rVB2	282069	334493	2.71%	0.197%
63	19.145	2760	2764	2768	rBV	244724	299905	2.43%	0.177%
64	19.234	2776	2779	2783	rVB	291355	351025	2.84%	0.207%
65	19.357	2790	2800	2807	rBV2	6347980	12362683	100.00%	7.291%
66	19.422	2807	2811	2819	rVB2	413291	747330	6.05%	0.441%
67	19.551	2825	2833	2837	rBV2	3554666	5128776	41.49%	3.025%
68	19.586	2837	2839	2845	rVB	585393	728229	5.89%	0.429%
69	19.681	2848	2855	2859	rBV2	603809	1464794	11.85%	0.864%
70	19.804	2871	2876	2878	rVV4	468529	790112	6.39%	0.466%
71	19.839	2878	2882	2886	rVB	1429002	1886240	15.26%	1.112%
72	19.933	2894	2898	2902	rBV	1163389	1394483	11.28%	0.822%
73	19.992	2902	2908	2911	rBV2	922026	1405401	11.37%	0.829%
74	20.128	2927	2931	2934	rBV	518240	648000	5.24%	0.382%
75	20.169	2934	2938	2942	rVV2	546470	739444	5.98%	0.436%
76	20.533	2996	3000	3002	rBV2	219570	314261	2.54%	0.185%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.569	3002	3006	3012	rVB	779917	1070464	8.66%	0.631%
78	20.728	3028	3033	3036	rBV3	886430	1336596	10.81%	0.788%
79	20.763	3036	3039	3042	rVV	886850	1041644	8.43%	0.614%
80	20.804	3042	3046	3051	rVV2	1290834	2104936	17.03%	1.241%
81	20.857	3052	3055	3062	rVB	748007	1121072	9.07%	0.661%
82	21.063	3081	3090	3095	rBV3	4855191	9407553	76.10%	5.548%
83	21.116	3095	3099	3108	rVB	4403134	5965569	48.25%	3.518%
84	21.228	3114	3118	3123	rBV2	1115855	1457381	11.79%	0.860%
85	21.333	3133	3136	3140	rVB	475134	566513	4.58%	0.334%
86	21.380	3140	3144	3149	rBV2	741023	1061216	8.58%	0.626%
87	21.610	3178	3183	3187	rBV	898683	1378430	11.15%	0.813%
88	21.663	3188	3192	3198	rVB2	691676	1035516	8.38%	0.611%
89	21.763	3206	3209	3212	rVB2	293397	350720	2.84%	0.207%
90	21.804	3213	3216	3219	rBV2	469074	626216	5.07%	0.369%
91	21.898	3228	3232	3237	rVB2	402158	615500	4.98%	0.363%
92	22.369	3309	3312	3318	rVB2	356323	572286	4.63%	0.338%
93	22.622	3348	3355	3360	rBV	3688942	8882538	71.85%	5.239%
94	22.786	3378	3383	3388	rVB	877198	1333889	10.79%	0.787%
95	23.086	3428	3434	3443	rVB	2262285	4440293	35.92%	2.619%
96	23.186	3444	3451	3459	rVV	3403340	6517848	52.72%	3.844%
97	23.274	3461	3466	3470	rVV2	803704	1610539	13.03%	0.950%
98	23.327	3470	3475	3483	rVB2	1098467	2224796	18.00%	1.312%
99	25.521	3838	3848	3857	rVB2	1790355	5091410	41.18%	3.003%
100	26.204	3955	3964	3978	rVB	1363274	3898662	31.54%	2.299%

Sum of corrected areas: 169560806

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
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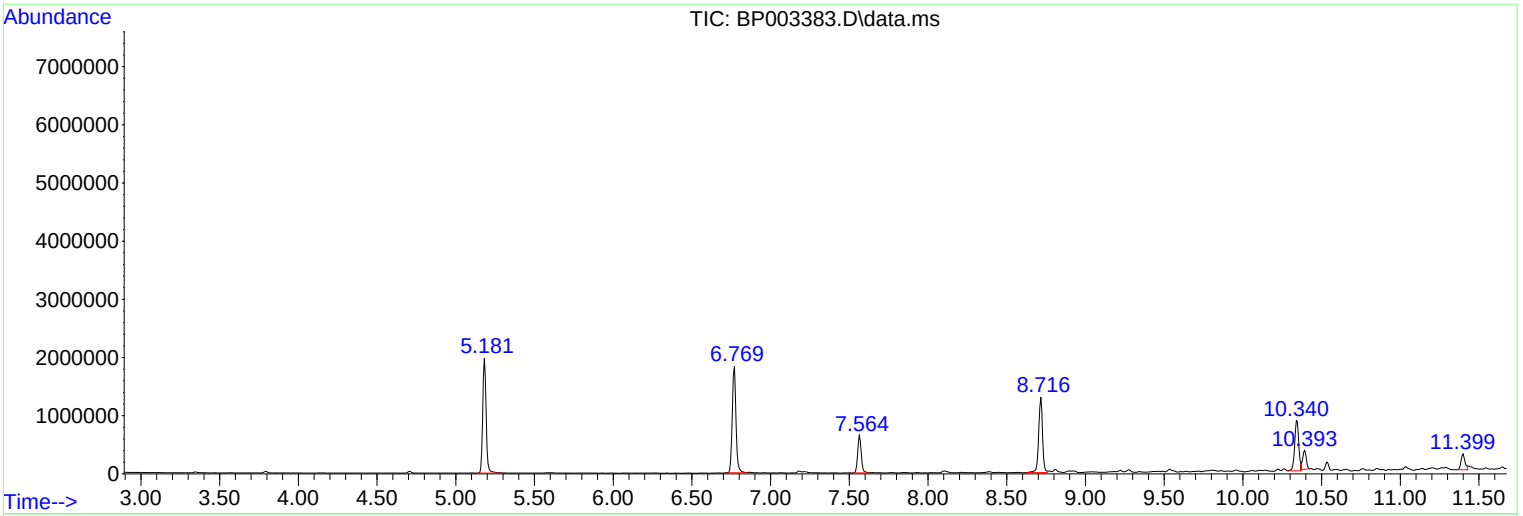
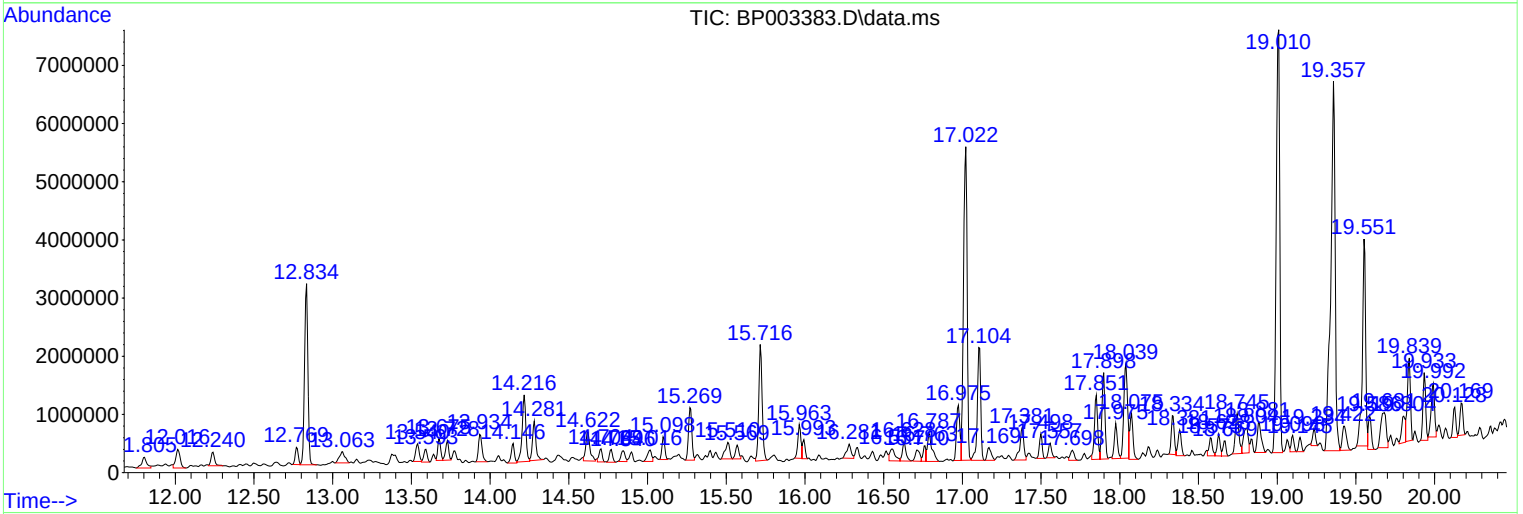
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

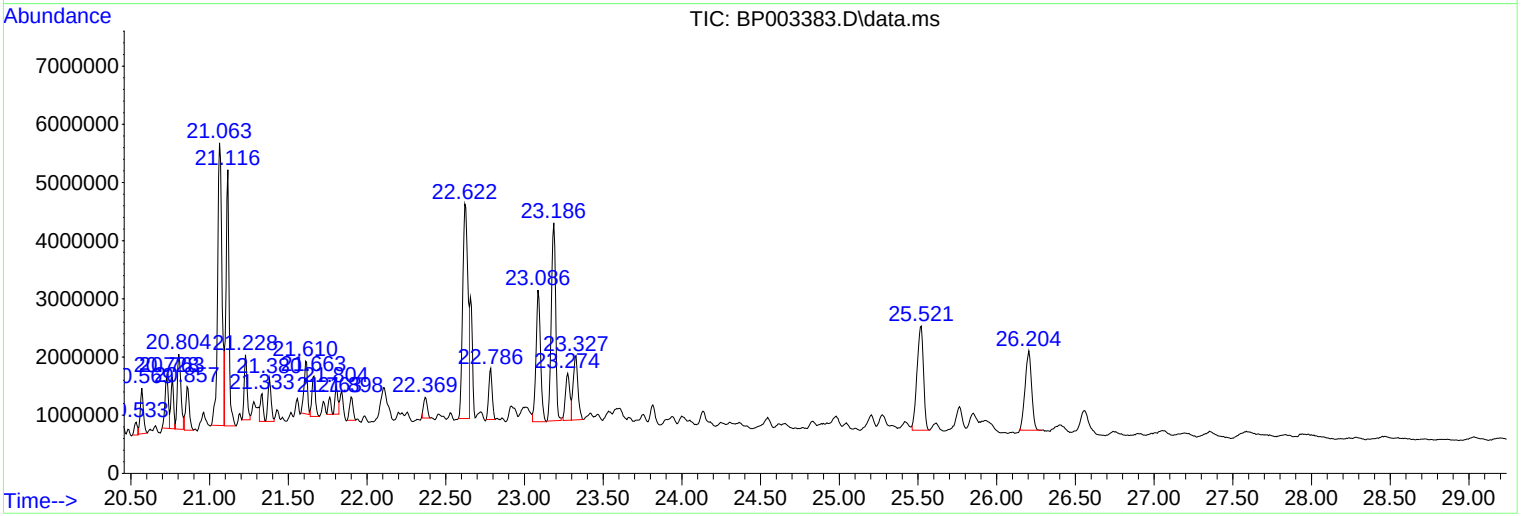
Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

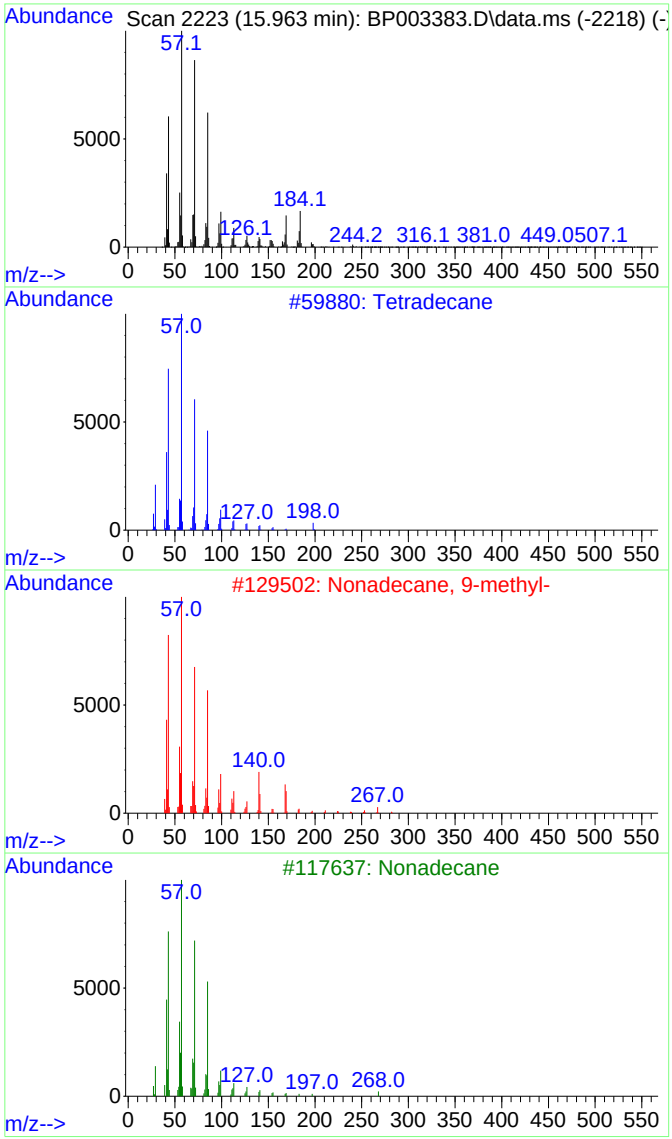
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

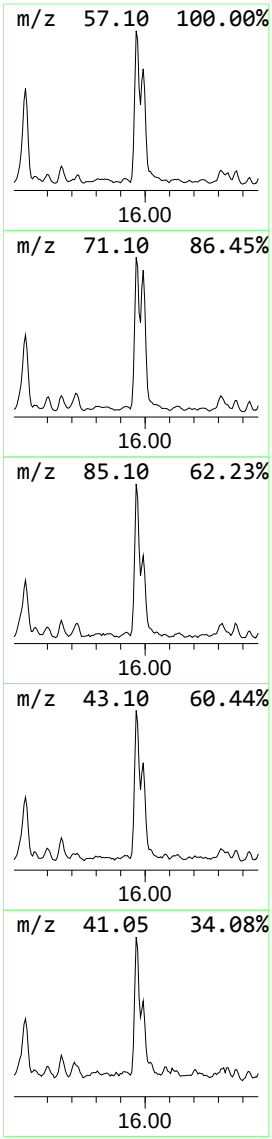
****

Peak Number 1 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	10.97 ng	802766	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	9-methylheptadecane	254	C18H38	026741-18-4	80
5	Dodecane	170	C12H26	000112-40-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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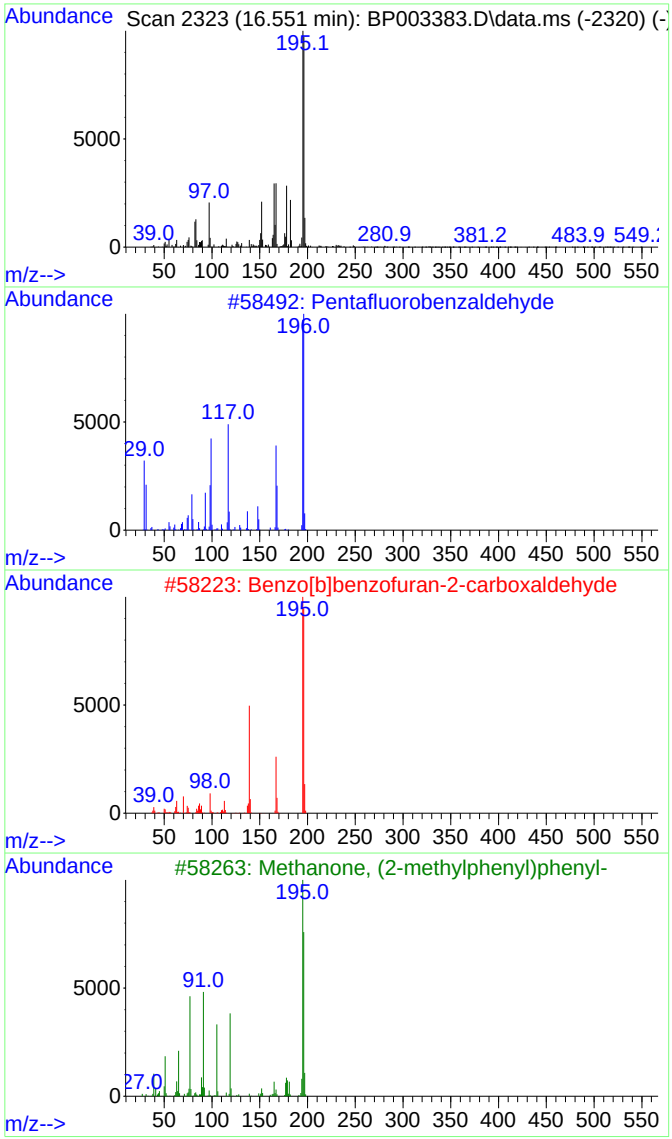
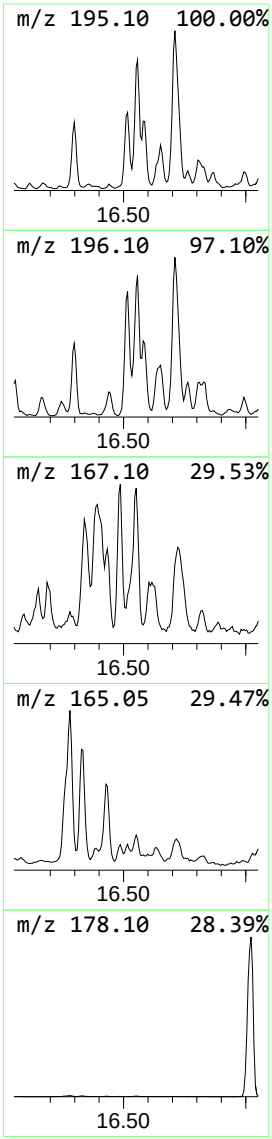
Peak Number 2 Pentafluorobenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	6.52 ng	477228	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	50
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	50
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	47
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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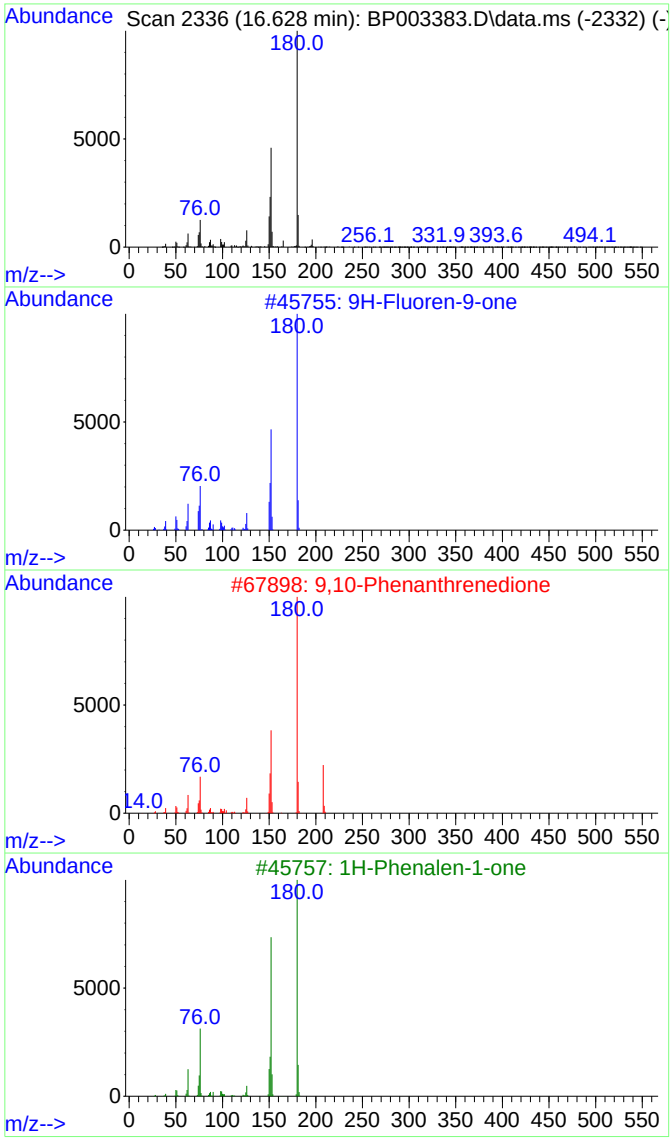
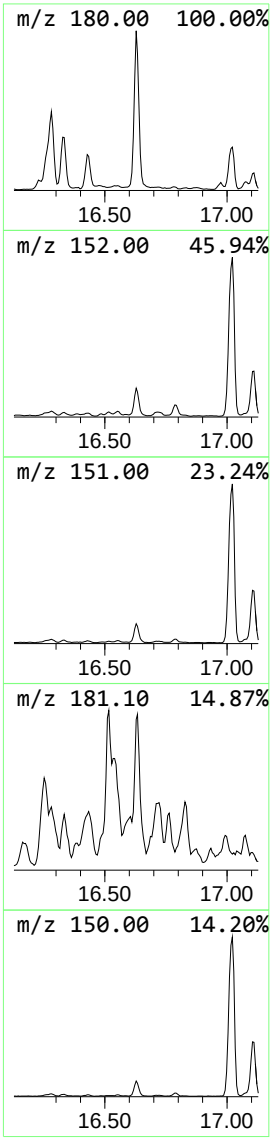
Peak Number 3 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.628	7.08 ng	518296	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	5-Methoxy-4-methyl-2,1,3-benzoth...	180	C8H8N2OS	089976-68-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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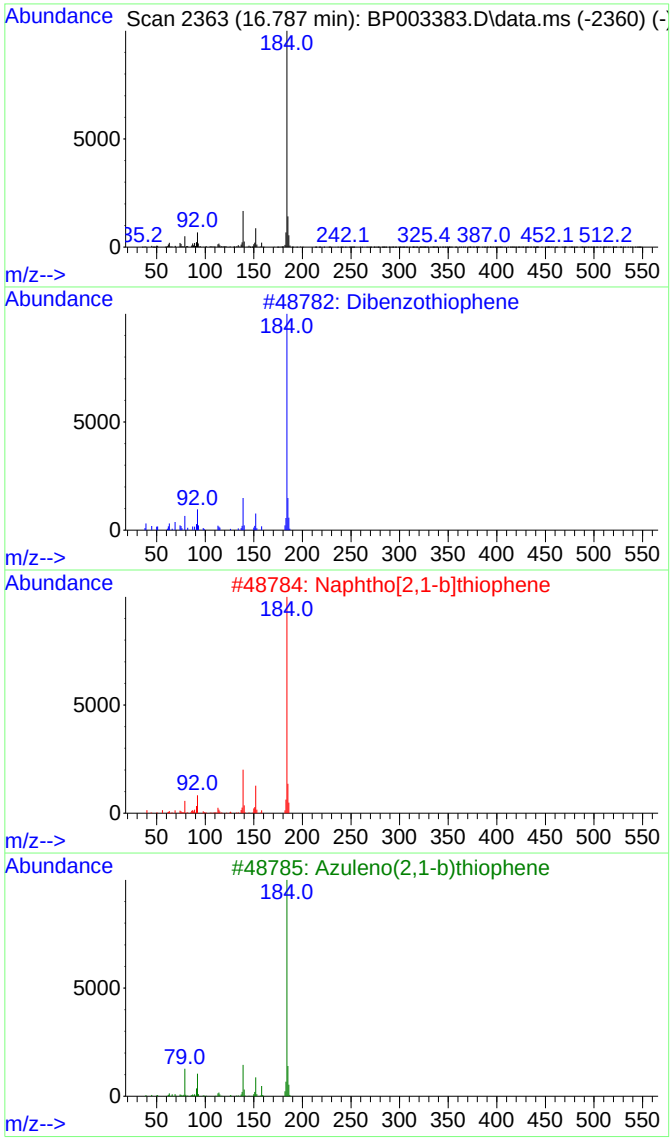
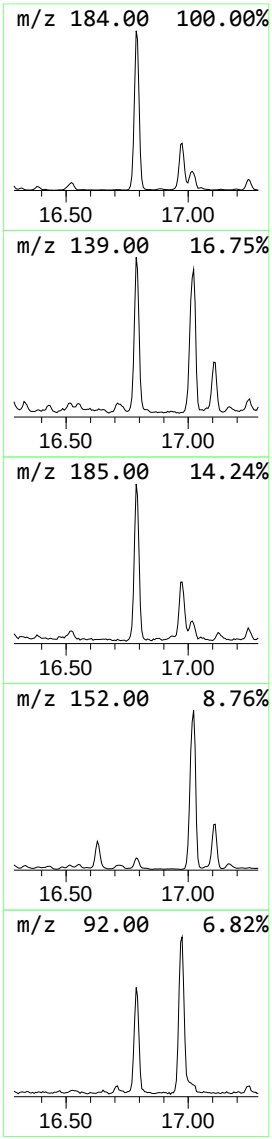
Peak Number 4 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.787	13.14 ng	962016	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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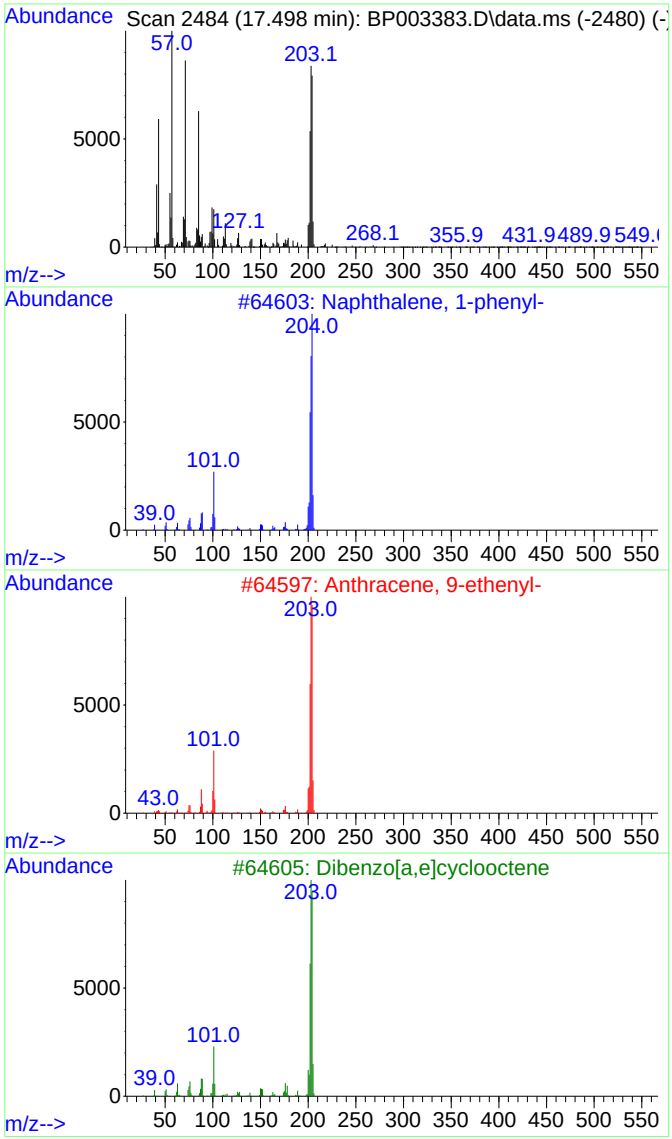
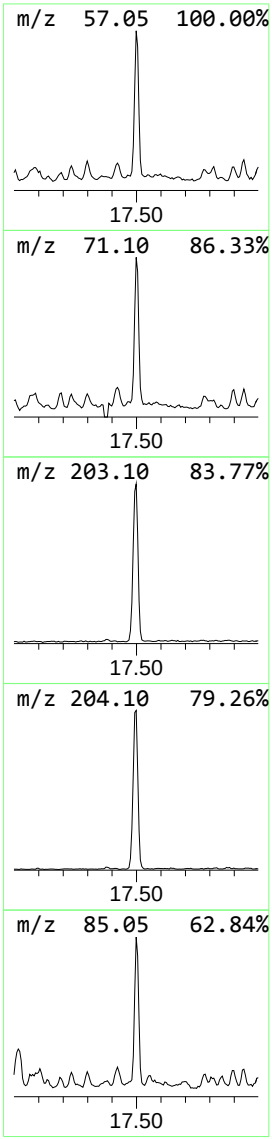
Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.498	6.94 ng	508184	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	87
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	64
4	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	51





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Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

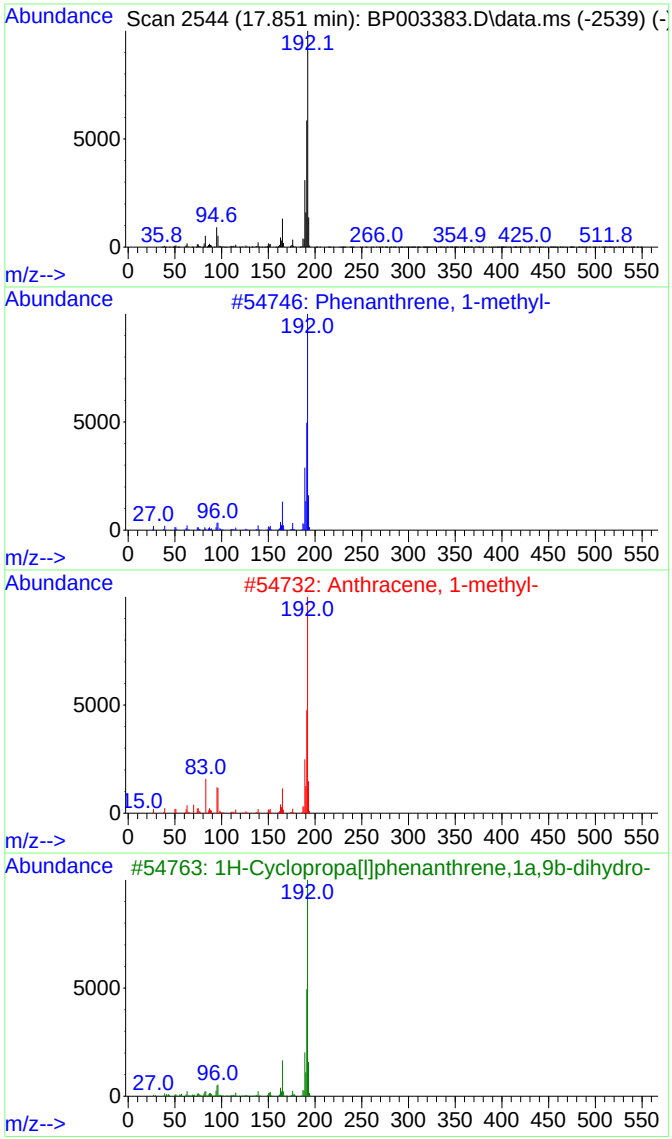
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

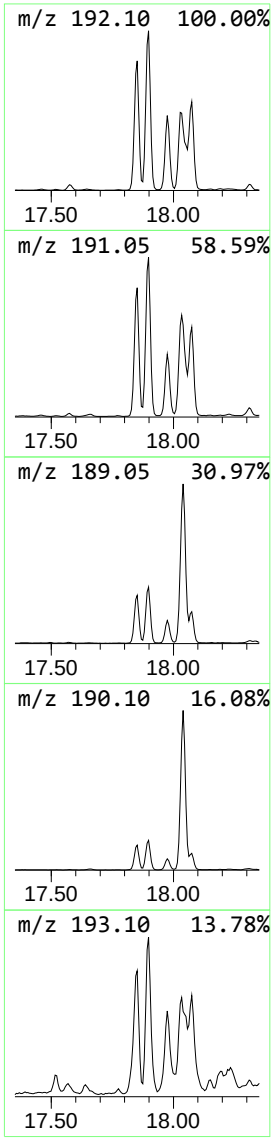
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	21.68 ng	1586580	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

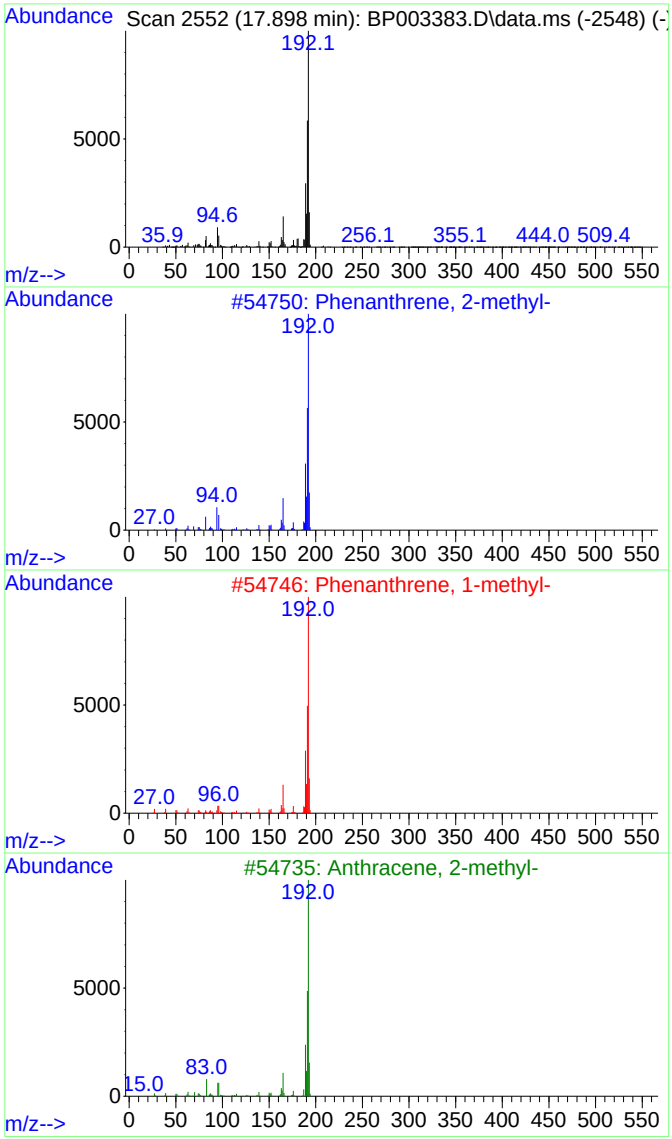
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

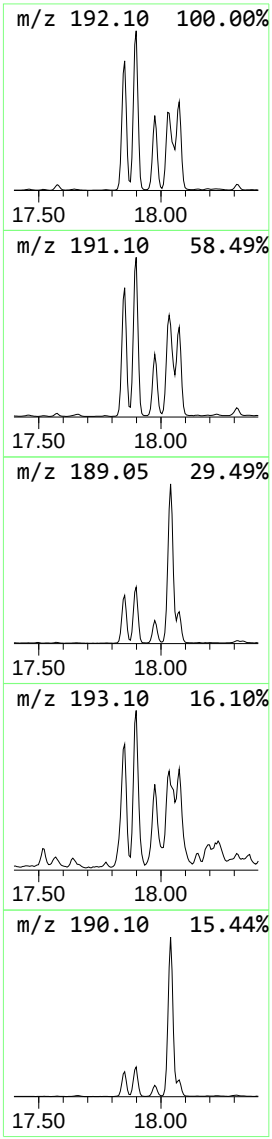
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	26.96 ng	1973280	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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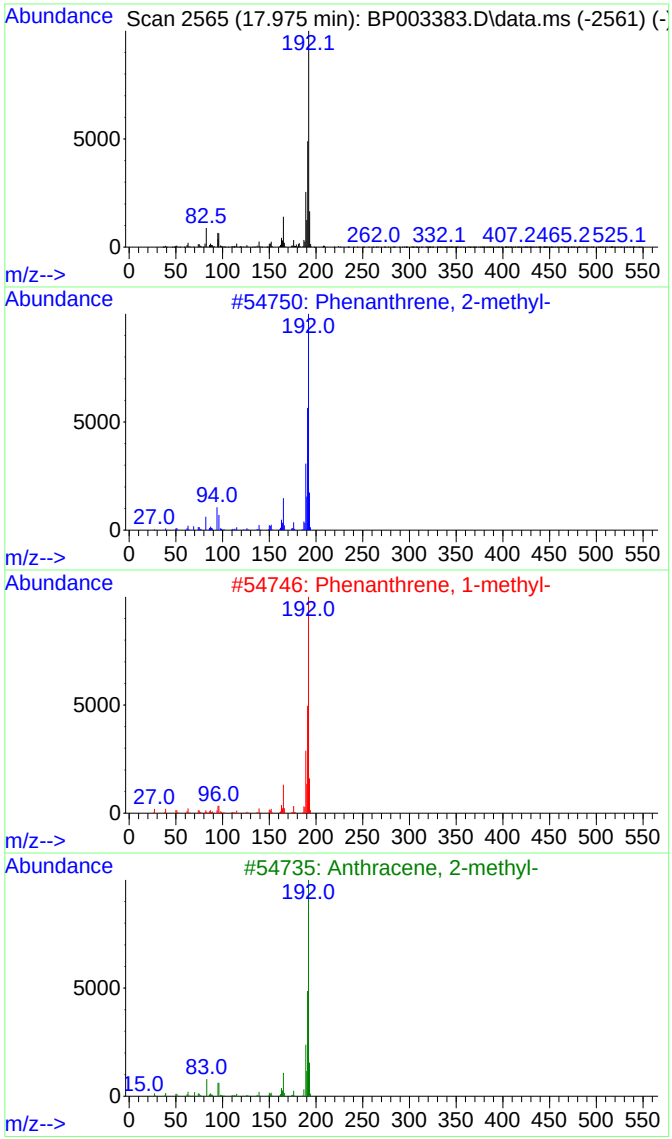
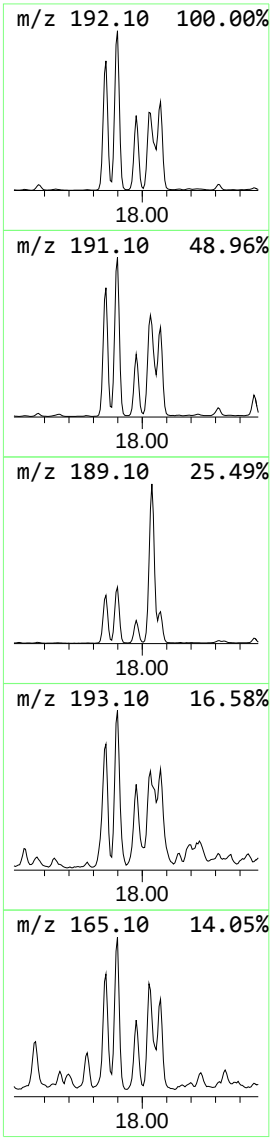
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	11.15 ng	816344	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

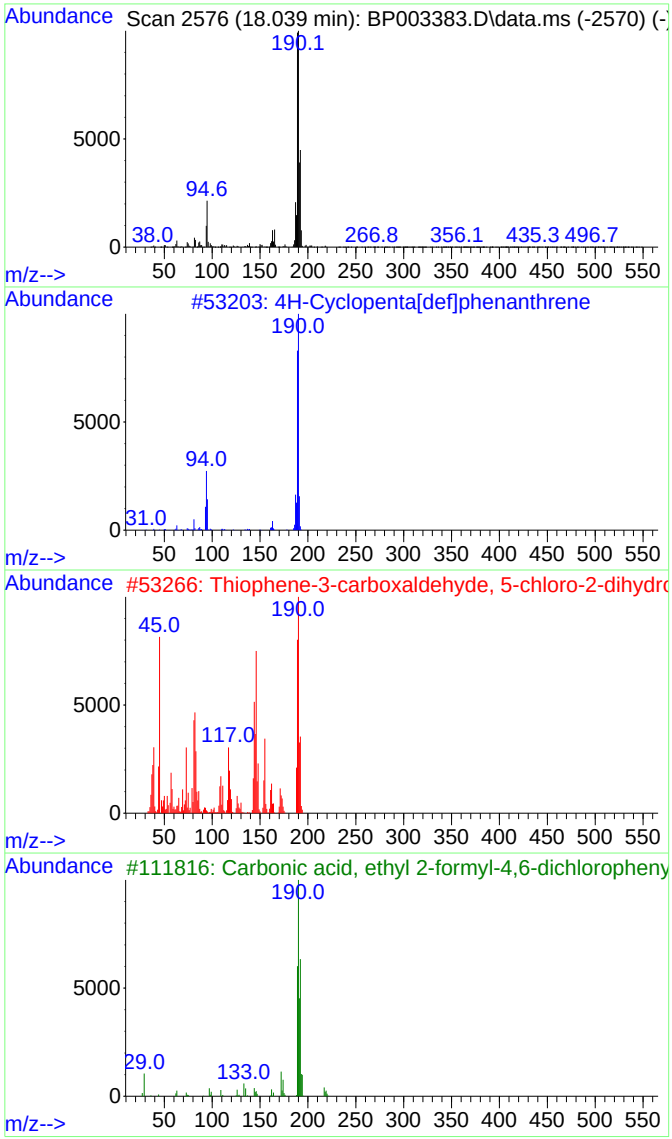
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

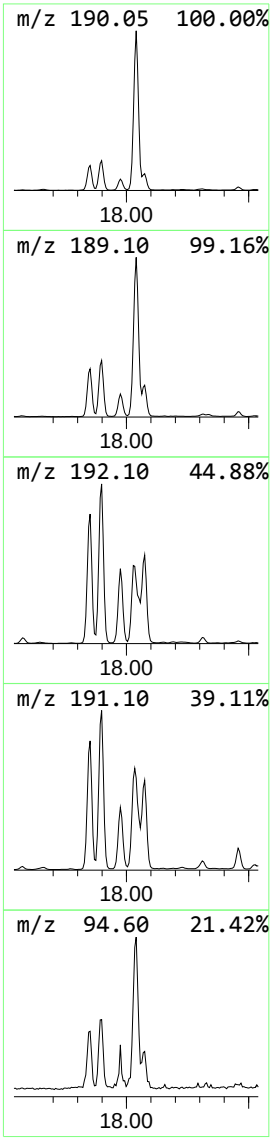
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.040	37.24 ng	2725740	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

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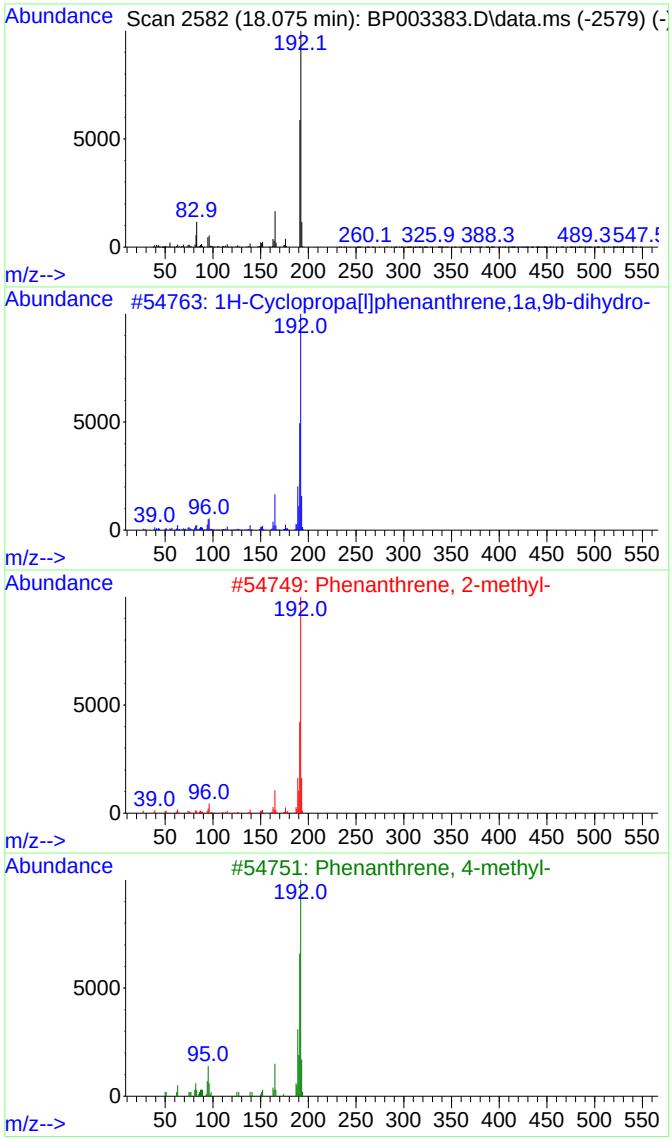
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

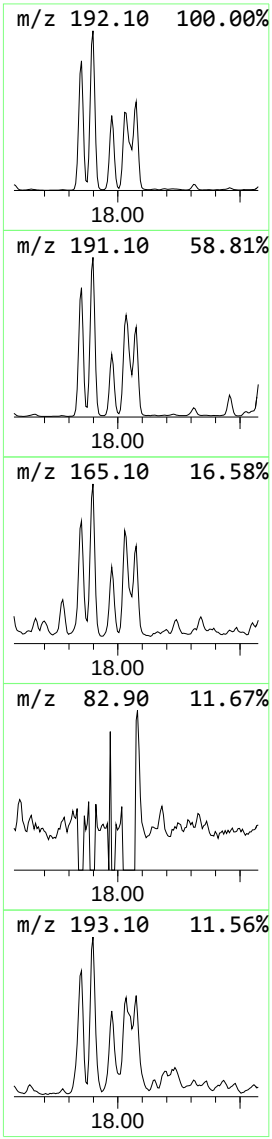
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	14.58 ng	1067560	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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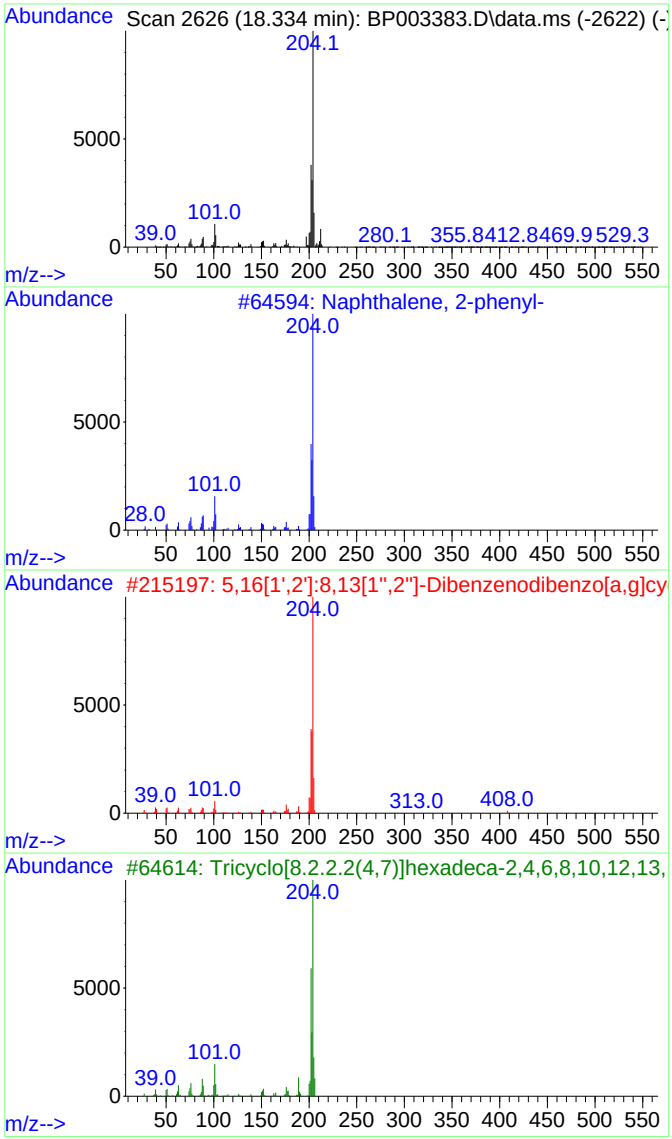
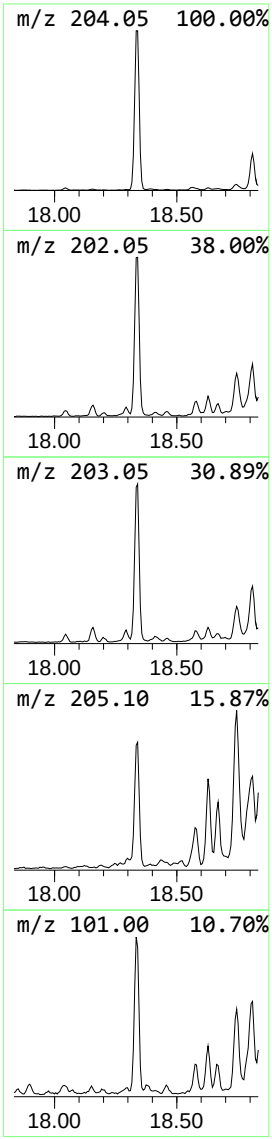
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	12.16 ng	890062	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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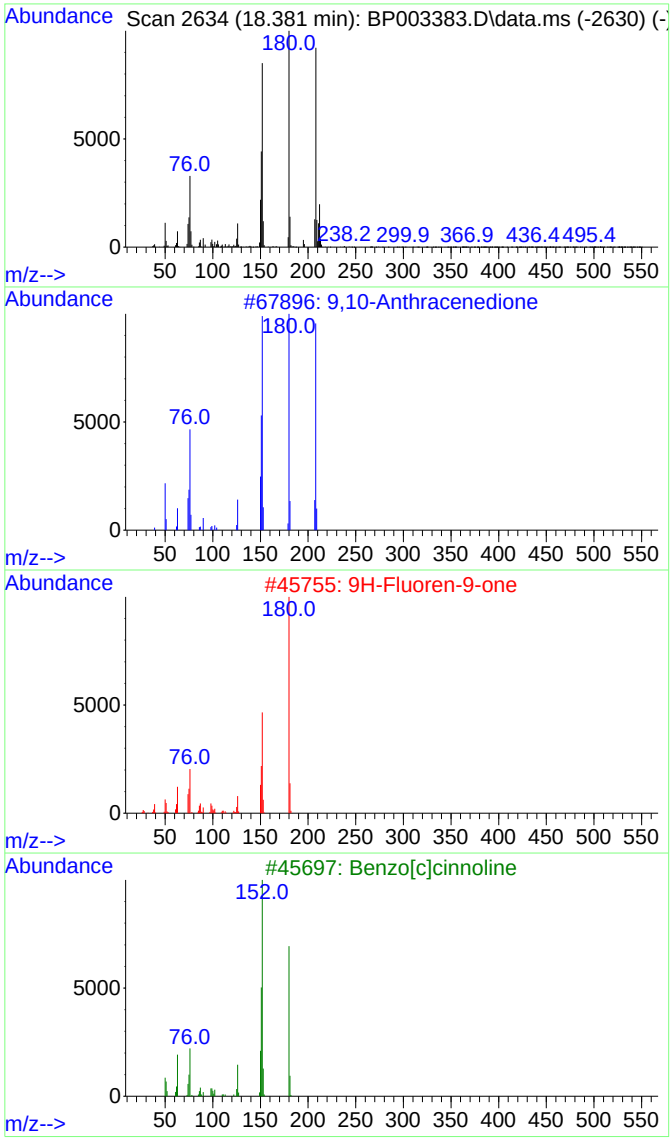
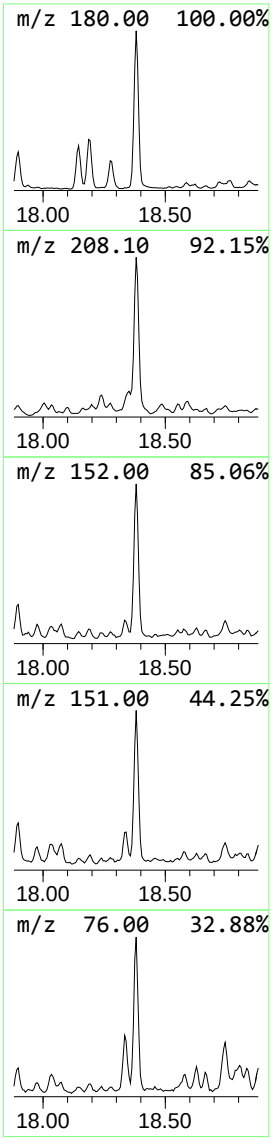
Peak Number 12 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	8.57 ng	627101	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46





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Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

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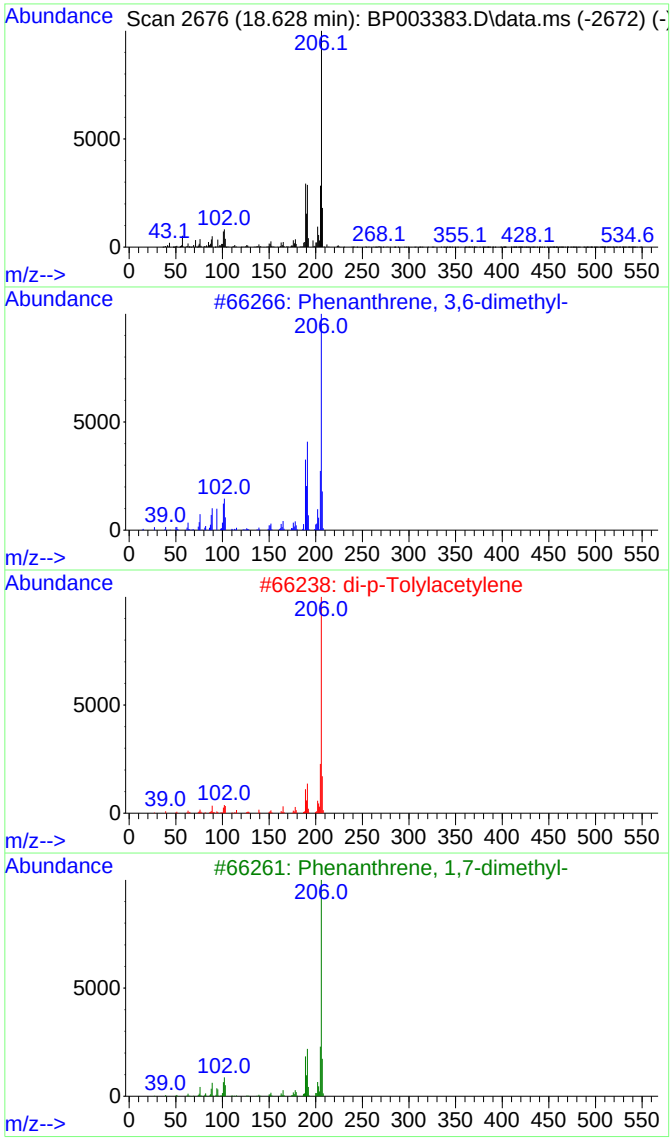
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

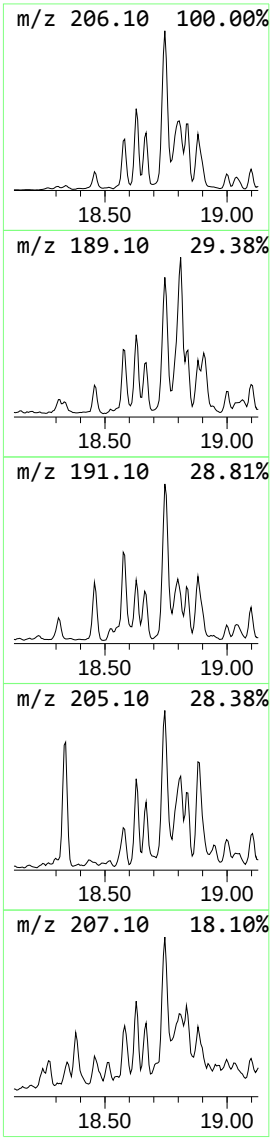
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	6.50 ng	475708	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72





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Misc :
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Instrument :
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ClientSampleId :
B-3(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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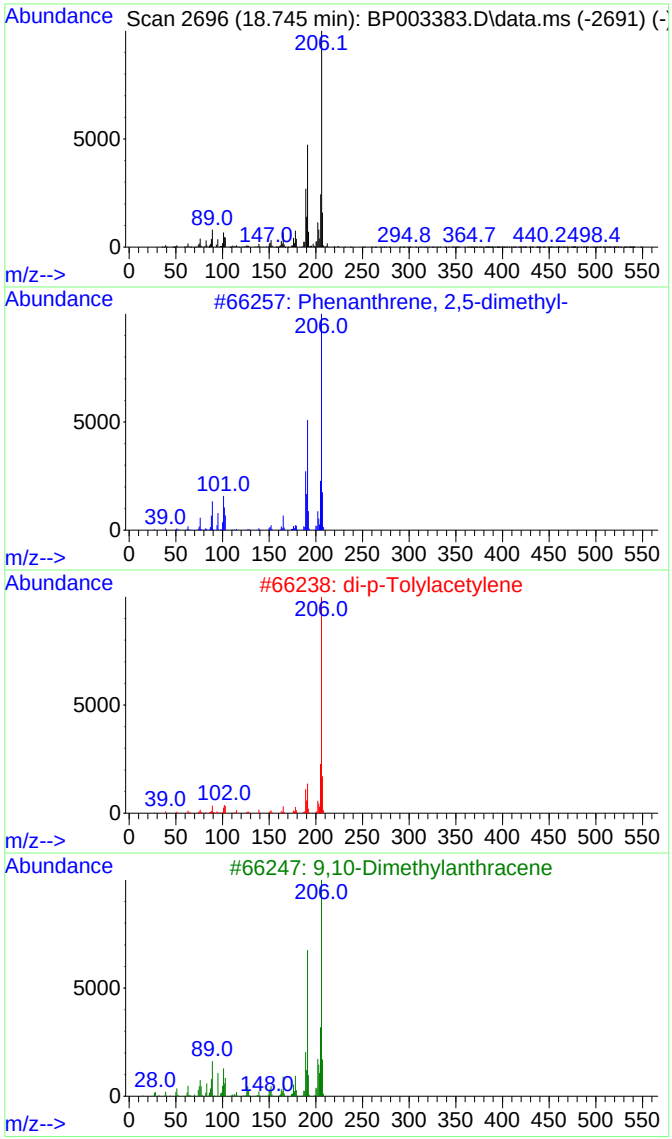
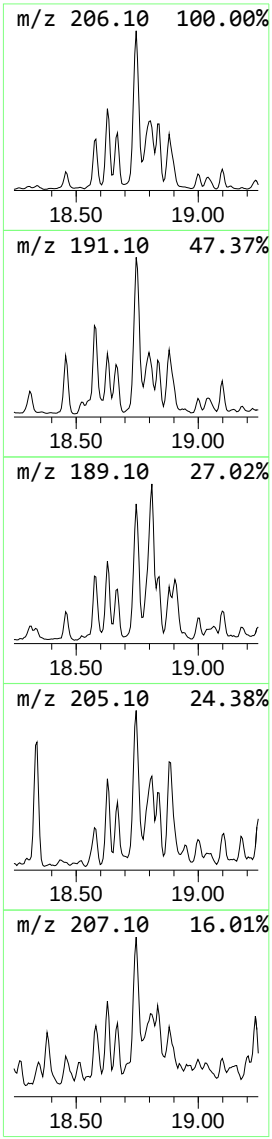
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	15.35 ng	1123590	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

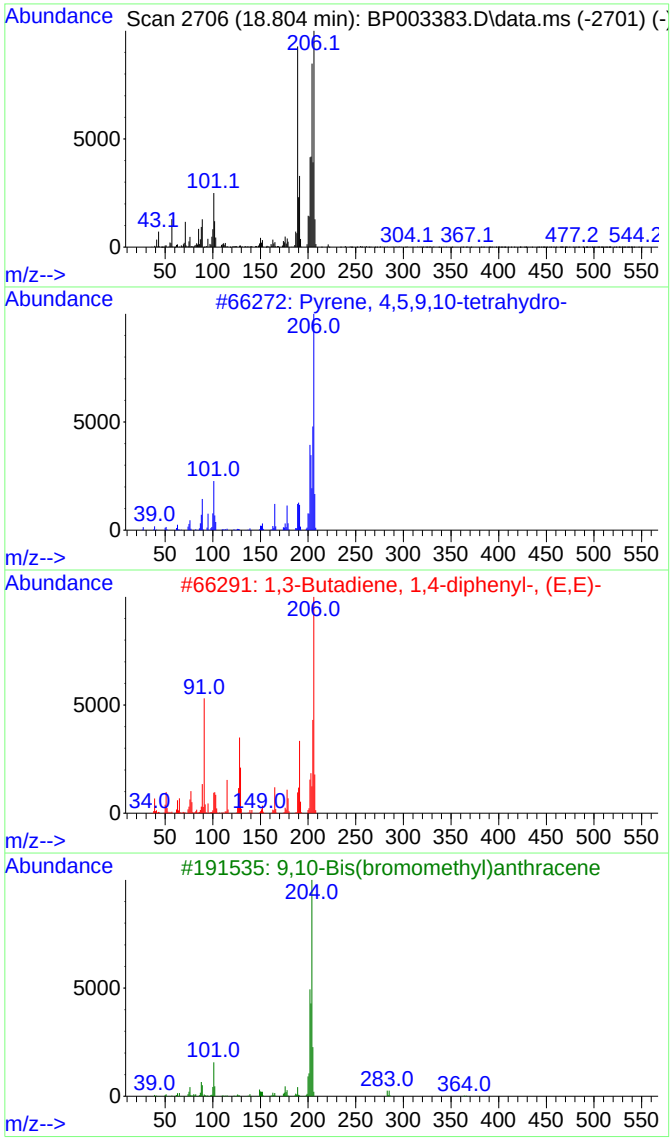
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

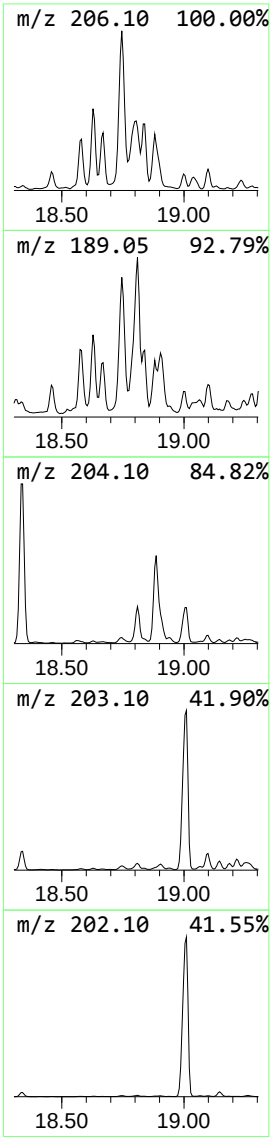
****

Peak Number 15 unknown18.80 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	12.13 ng	887850	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	35
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3(9-11)

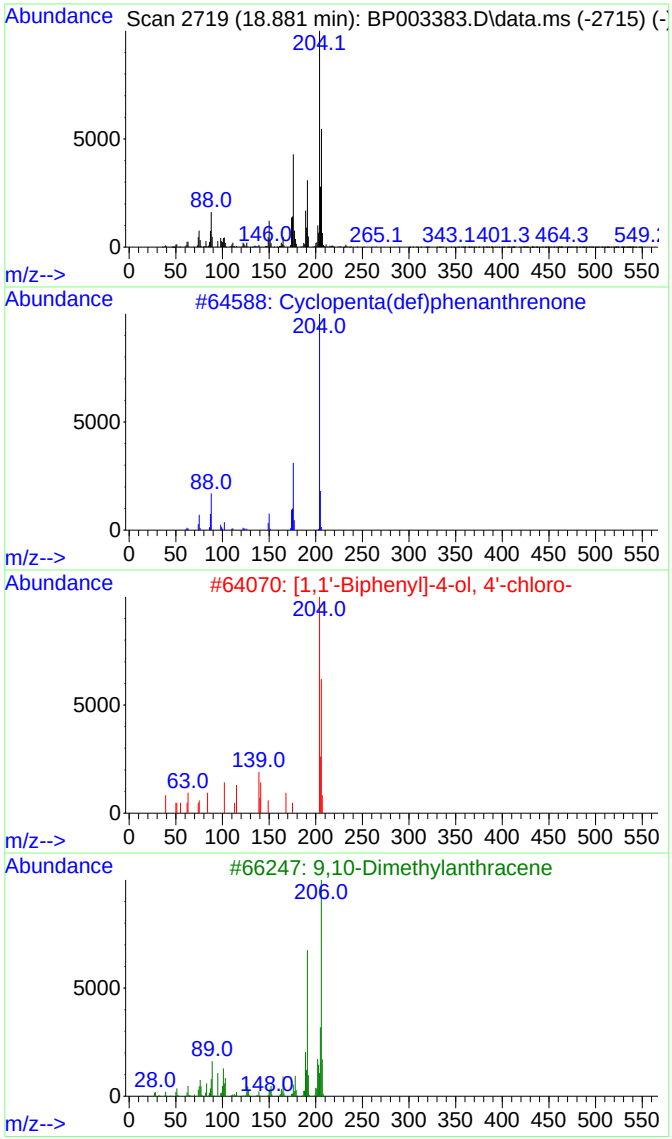
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

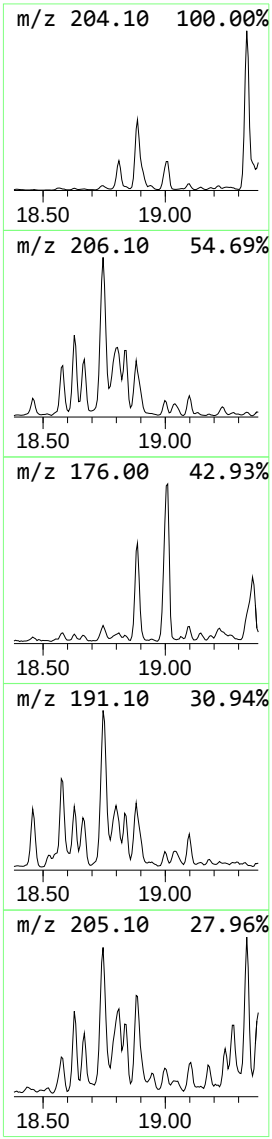
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	12.34 ng	903282	Phenanthrene-d10	16.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	35





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Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3(9-11)

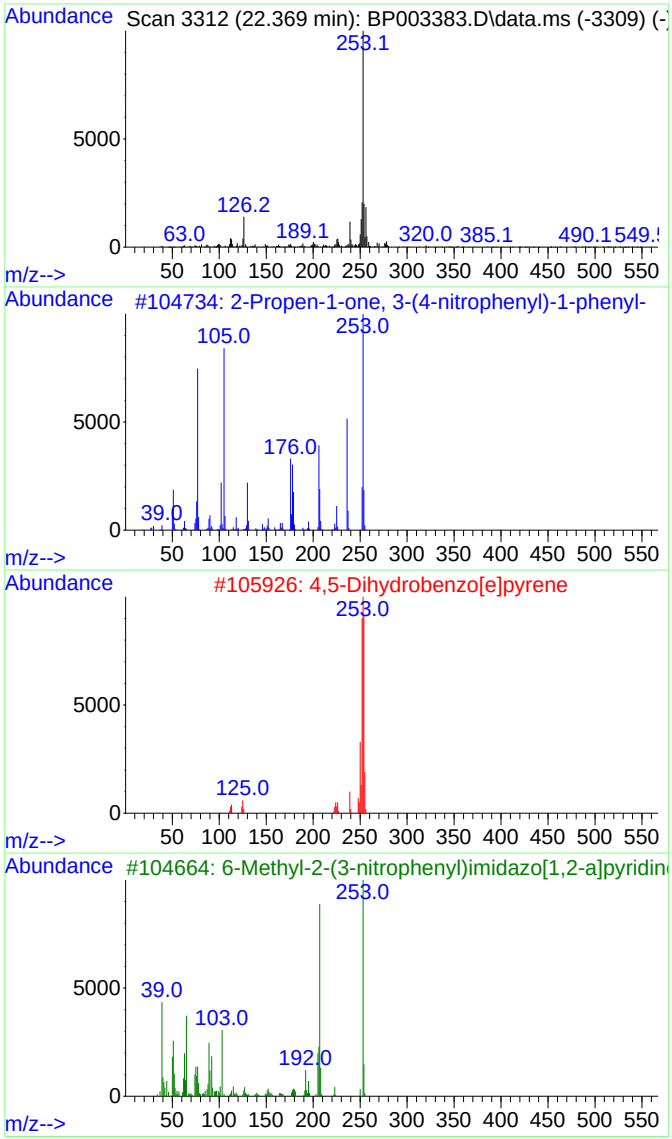
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

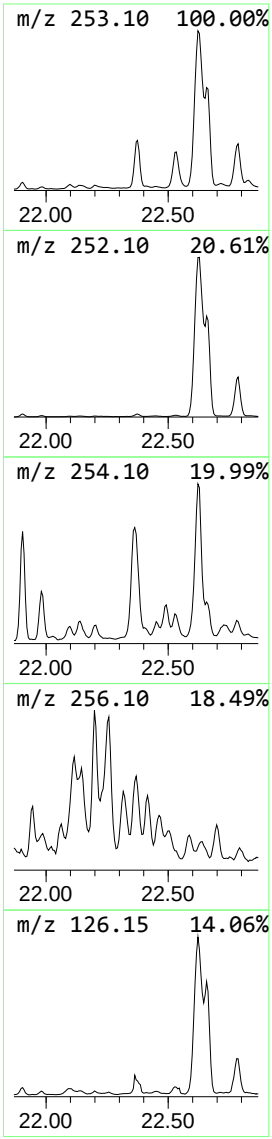
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Propen-1-one, 3-(4-nitrop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.369	7.11 ng	572286	Perylene-d12	23.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	53
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	38
3	6-Methyl-2-(3-nitrophenyl)imidaz...	253	C14H11N3O2	1000224-30-4	38
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	38
5	Triamterene	253	C12H11N7	000396-01-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

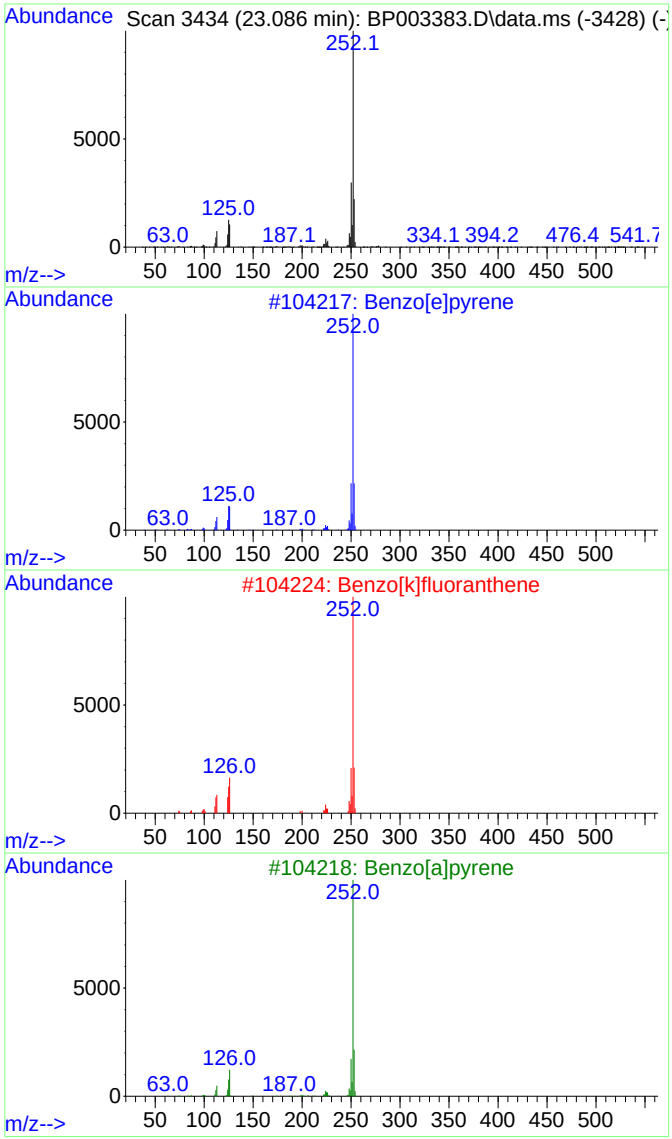
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

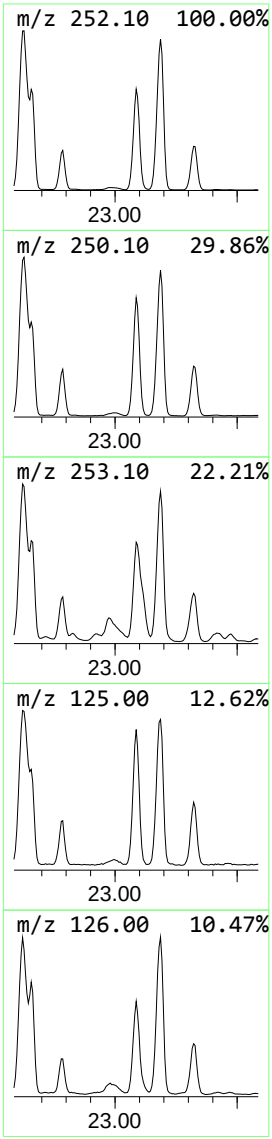
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.086	55.14 ng	4440290	Perylene-d12	23.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003383.D
Acq On : 25 Sep 2020 16:09
Operator : CG/JU
Sample : L4127-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Tetradecane	15.963	11.0	ng	802766	4	16.975	1463960	20.0
Pentafluorobenz...	16.551	6.5	ng	477228	4	16.975	1463960	20.0
9H-Fluoren-9-one	16.628	7.1	ng	518296	4	16.975	1463960	20.0
Dibenzothiophene	16.787	13.1	ng	962016	4	16.975	1463960	20.0
Naphthalene, 1-...	17.498	6.9	ng	508184	4	16.975	1463960	20.0
Phenanthrene, 1...	17.851	21.7	ng	1586580	4	16.975	1463960	20.0
Phenanthrene, 2...	17.898	27.0	ng	1973280	4	16.975	1463960	20.0
Anthracene, 2-m...	17.975	11.2	ng	816344	4	16.975	1463960	20.0
4H-Cyclopenta[d...	18.040	37.2	ng	2725740	4	16.975	1463960	20.0
1H-Cyclopropa[l...	18.075	14.6	ng	1067560	4	16.975	1463960	20.0
Naphthalene, 2-...	18.334	12.2	ng	890062	4	16.975	1463960	20.0
9,10-Anthracene...	18.381	8.6	ng	627101	4	16.975	1463960	20.0
Phenanthrene, 3...	18.628	6.5	ng	475708	4	16.975	1463960	20.0
Phenanthrene, 2...	18.745	15.4	ng	1123590	4	16.975	1463960	20.0
unknown18.80	18.804	12.1	ng	887850	4	16.975	1463960	20.0
Cyclopenta(def)...	18.881	12.3	ng	903282	4	16.975	1463960	20.0
2-Propen-1-one,...	22.369	7.1	ng	572286	6	23.275	1610540	20.0
Benzo[e]pyrene	23.086	55.1	ng	4440290	6	23.275	1610540	20.0