LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091520

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: BP003313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	392	398	412	rBV	311920	504360	12.39%	0.962%
2	6.811	657	667	682	rBV	271170	522523	12.84%	0.996%
3	7.616	797	804	815	rBV	518889	821941	20.19%	1.567%
4	8.763	987	999	1012	rBV	178136	352001	8.65%	0.671%
5	10.393	1267	1276	1283	rBV	622337	1140071	28.01%	2.174%
6	11.851	1516	1524	1532	rBV2	25718	54716	1.34%	0.104%
7	12.069	1556	1561	1570	rVB	44373	84809	2.08%	0.162%
8	12.287	1594	1598	1603	rBV	33632	58920	1.45%	0.112%
9	12.881	1693	1699	1709	rBV	557450	856153	21.04%	1.632%
10	13.110	1730	1738	1744	rBV2	49454	94732	2.33%	0.181%
11	13.428	1787	1792	1802	rBV2	36108	101095	2.48%	0.193%
12	13.587	1813	1819	1823	rBV	51729	84659	2.08%	0.161%
13	13.640	1823	1828	1833	rVB	39840	61815	1.52%	0.118%
14	13.722	1838	1842	1847	rBV	64258	92330	2.27%	0.176%
15	13.981	1881	1886	1894	rBV	114956	198913	4.89%	0.379%
16	14.187	1917	1921	1926	rBV	83826	112497	2.76%	0.214%
17	14.263	1926	1934	1940	rVV	938142	1401233	34.43%	2.672%
18	14.328	1940	1945	1953	rVB	136224	223324	5.49%	0.426%
19	14.481	1966	1971	1980	rBV5	19333	49308	1.21%	0.094%
20	14.669	1994	2003	2011	rBV2	83163	173365	4.26%	0.331%
21	14.745	2013	2016	2022	rVV2	37938	50393	1.24%	0.096%
22	14.810	2024	2027	2034	rVB5	35103	53056	1.30%	0.101%
23	14.887	2035	2040	2044	rBV4	39163	73490	1.81%	0.140%
24	14.940	2046	2049	2053	rVB3	29309	43165	1.06%	0.082%
25	15.063	2064	2070	2073	rBV6	21704	42216	1.04%	0.080%
26	15.145	2080	2084	2088	rVB	113002	138863	3.41%	0.265%
27	15.316	2108	2113	2118	rBV2	210894	303855	7.47%	0.579%
28	15.557	2147	2154	2158	rVB4	45325	91683	2.25%	0.175%
29	15.763	2184	2189	2197	rVB	324011	519036	12.75%	0.990%
30	16.004	2225	2230	2233	rBV3	129513	187804	4.61%	0.358%
31	16.328	2278	2285	2289	rBV2	50660	100412	2.47%	0.191%
32	16.375	2290	2293	2297	rVB2	41889	56196	1.38%	0.107%
33	16.475	2306	2310	2315	rVB3	41442	63025	1.55%	0.120%
34	16.598	2327	2331	2339	rVB6	37249	65333	1.61%	0.125%
35	16.675	2341	2344	2351	rVB4	31231	54035	1.33%	0.103%
36	16.757	2354	2358	2362	rBV3	30439	52818	1.30%	0.101%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091520

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	16.804	2362	2366	2368	rBV	100467	119396	2.93%	0.228%
38	16.834	2368	2371	2373	rBV	43106	42236	1.04%	0.081%
39	17.016	2396	2402	2405	rBV	931530	1331023	32.70%	2.538%
40	17.057	2405	2409	2416	rVV	1348652	1905649	46.82%	3.634%
41	17.145	2419	2424	2431	rVV	443374	677342	16.64%	1.291%
42	17.210	2432	2435	2442	rVB3	39895	81536	2.00%	0.155%
43	17.422	2468	2471	2476	rBV	55596	68685	1.69%	0.131%
44	17.539	2487	2491	2495	rBV	116218	146084	3.59%	0.279%
45	17.598	2498	2501	2511	rVB2	58020	98786	2.43%	0.188%
46	17.710	2516	2520	2524	rBV	284647	336246	8.26%	0.641%
47	17.892	2546	2551	2555	rBV	233672	330177	8.11%	0.630%
48	17.939	2555	2559	2564	rVB	315856	429684	10.56%	0.819%
49	18.016	2568	2572	2577	rVV	132091	186361	4.58%	0.355%
50	18.081	2577	2583	2587	rVV2	454235	772532	18.98%	1.473%
51	18.116	2587	2589	2596	rVB	166982	189169	4.65%	0.361%
52	18.222	2604	2607	2613	rVB2	82100	100907	2.48%	0.192%
53	18.375	2629	2633	2637	rBV	144680	194665	4.78%	0.371%
54	18.416	2637	2640	2645	rVB2	61006	94179	2.31%	0.180%
55	18.616	2671	2674	2678	rVB	66504	76168	1.87%	0.145%
56	18.669	2679	2683	2686	rBV	107147	134095	3.29%	0.256%
57	18.704	2686	2689	2693	rVB2	66269	81360	2.00%	0.155%
58	18.786	2698	2703	2705	rBV	206142	323696	7.95%	0.617%
59	18.816	2705	2708	2711	rVV	782106	917649	22.55%	1.750%
60	18.845	2711	2713	2717	rVB2	873076	944049	23.19%	1.800%
61	18.922	2722	2726	2732	rVV2	120108	251901	6.19%	0.480%
62	18.980	2732	2736	2740	rVB	137086	167317	4.11%	0.319%
63	19.039	2740	2746	2753	rVB	2773333	3613206	88.77%	6.889%
64	19.104	2754	2757	2760	rBV2	47448	55092	1.35%	0.105%
65	19.180	2767	2770	2774	rBV	72022	96419	2.37%	0.184%
66	19.275	2782	2786	2789	rBV	86386	109349	2.69%	0.208%
67	19.386	2796	2805	2814	rVB	2402583	3969364	97.53%	7.568%
68	19.463	2814	2818	2824	rBV2	120126	209114	5.14%	0.399%
69	19.586	2831	2839	2843	rBV2	806615	1189330	29.22%	2.268%
70	19.622	2843	2845	2850	rVB	97179	123386	3.03%	0.235%
71	19.710	2854	2860	2865	rBV2	215716	529406	13.01%	1.009%
72	19.839	2879	2882	2884	rBV2	90530	134177	3.30%	0.256%
73	19.875	2884	2888	2892	rVB	537464	701808	17.24%	1.338%
74	19.910	2892	2894	2896	rBV2	46117	43179	1.06%	0.082%
75	19.969	2900	2904	2908	rBV	462096	547980	13.46%	1.045%
76	20.028	2909	2914	2918	rBV2	318697	462430	11.36%	0.882%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091520

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	20.163	2934	2937	2940	rBV	168355	191845	4.71%	0.366%
78	20.204	2941	2944	2949	rVB	183882	246407	6.05%	0.470%
79	20.604	3009	3012	3018	rVB	142843	223747	5.50%	0.427%
80	20.763	3036	3039	3042	rVB	206668	215995	5.31%	0.412%
81	20.798	3042	3045	3048	rVB	222838	227905	5.60%	0.435%
82	20.839	3048	3052	3057	rBV2	265421	396436	9.74%	0.756%
83	21.098	3091	3096	3101	rBV2	2158300	4070079	100.00%	7.760%
84	21.145	3101	3104	3114	rVB	1492344	1828786	44.93%	3.487%
85	21.263	3120	3124	3128	rBV	348067	481198	11.82%	0.918%
86	21.416	3146	3150	3155	rBV2	193652	305932	7.52%	0.583%
87	21.651	3187	3190	3193	rVB	279092	322906	7.93%	0.616%
88	21.845	3220	3223	3225	rBV	175810	208731	5.13%	0.398%
89	22.663	3356	3362	3367	rBV	1314355	3048380	74.90%	5.812%
90	22.827	3386	3390	3397	rVB	289377	433019	10.64%	0.826%
91	23.133	3437	3442	3450	rVB	845658	1534287	37.70%	2.925%
92	23.227	3452	3458	3465	rVV	1296586	2344867	57.61%	4.471%
93	23.321	3468	3474	3479	rVV2	929164	1808591	44.44%	3.448%
94	23.369	3479	3482	3491	rVB2	365787	715608	17.58%	1.364%
95	25.580	3851	3858	3868	rVB	644545	1727665	42.45%	3.294%
96	26.268	3968	3975	3990	rVB	465512	1444874	35.50%	2.755%

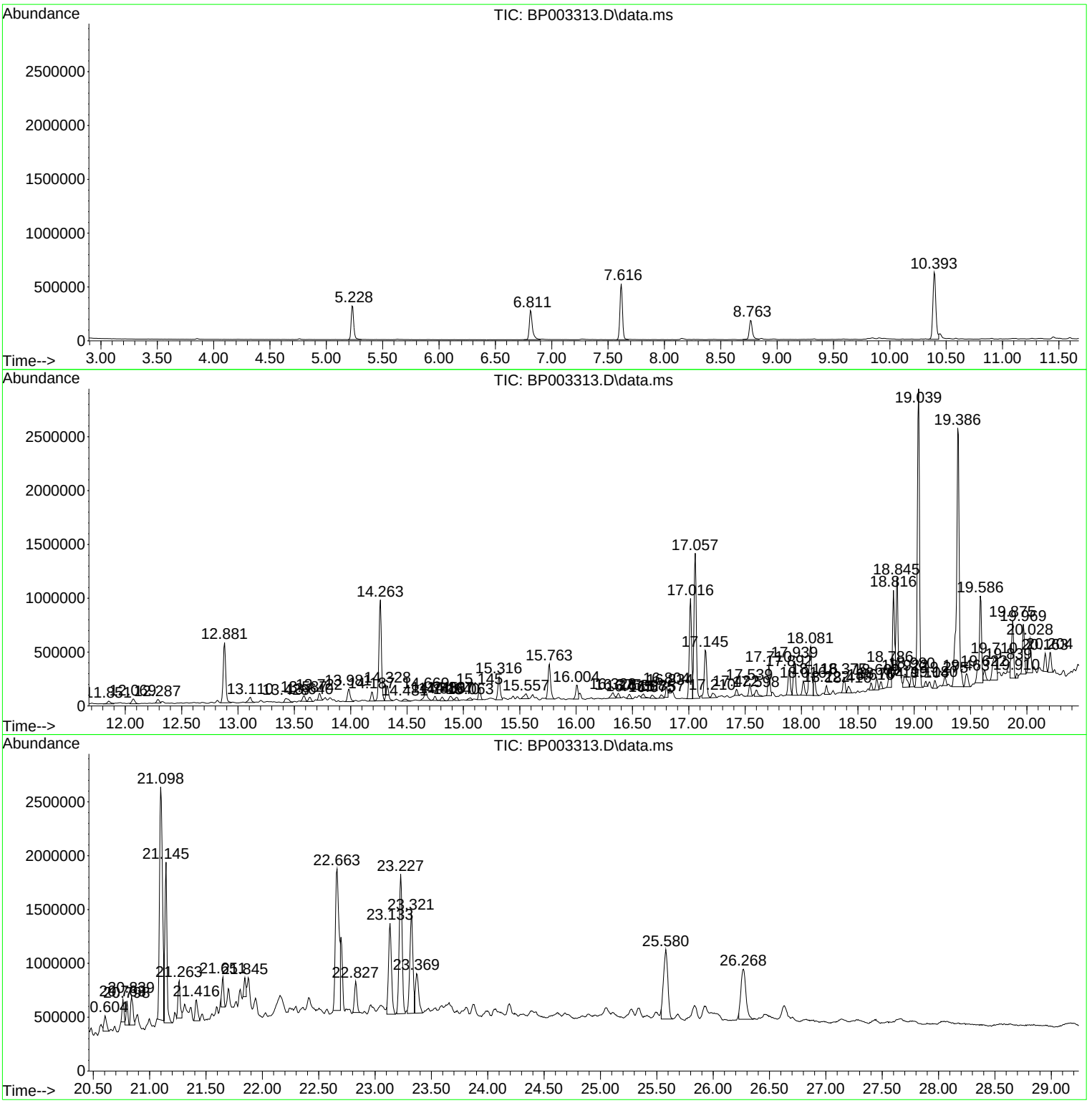
Sum of corrected areas: 52446535

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

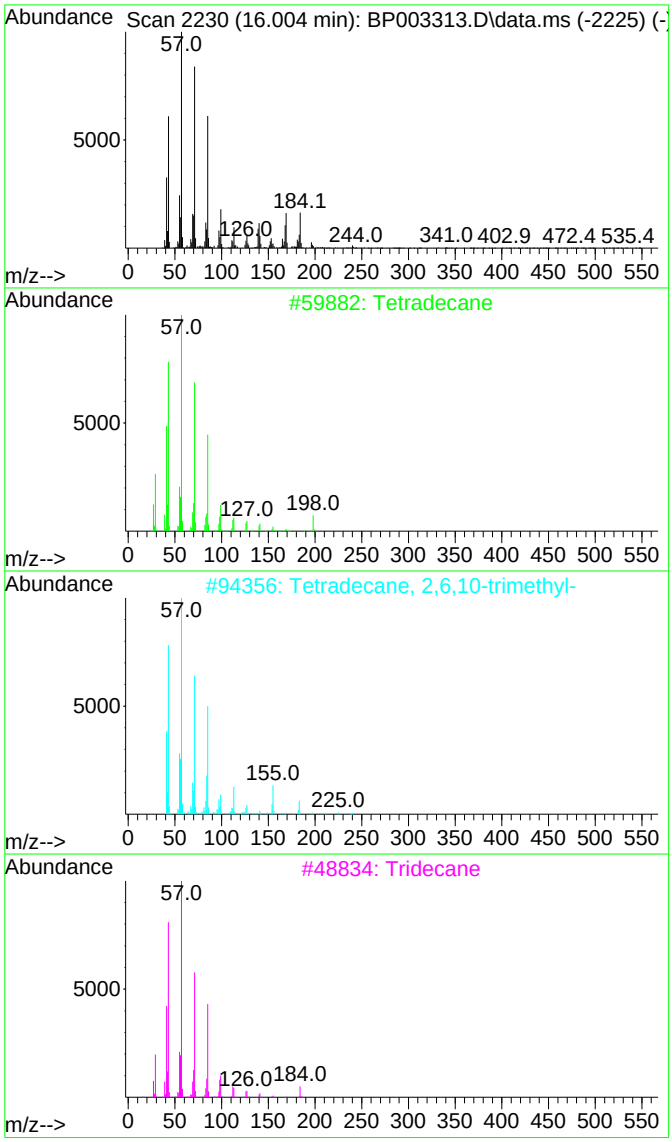
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

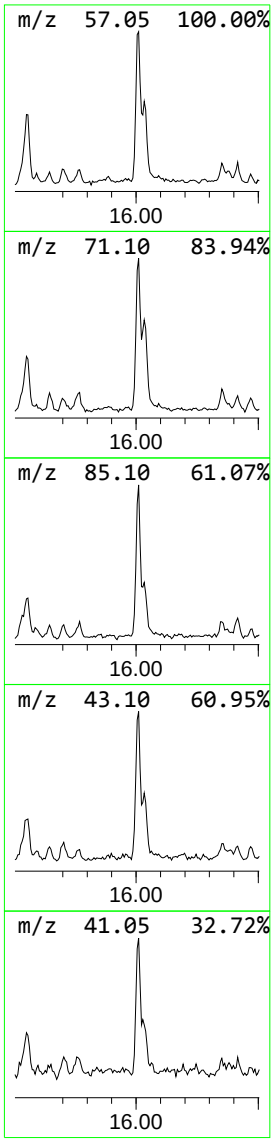
****

Peak Number 2 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	2.82 ng	187804	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	89
3	Tridecane	184	C13H28	000629-50-5	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

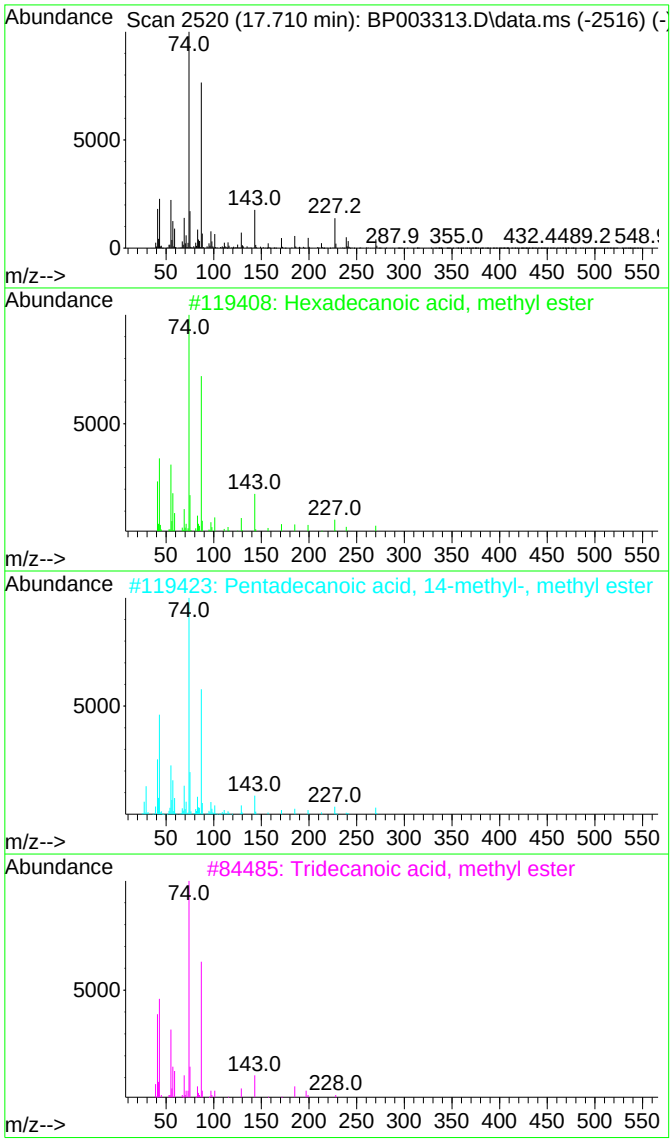
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

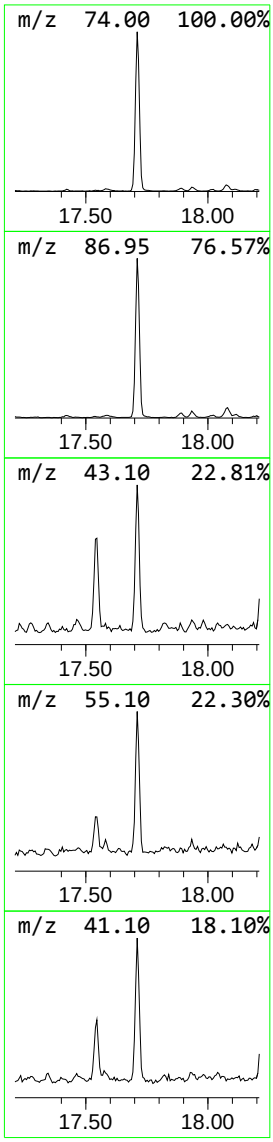
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.710	5.05 ng	336246	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

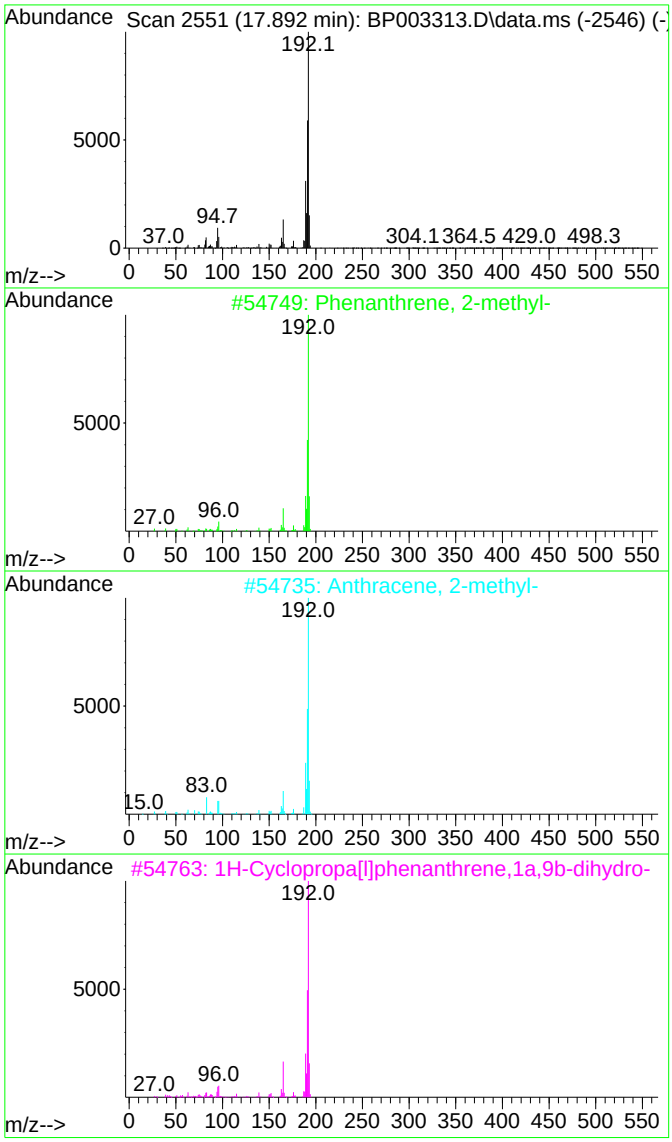
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

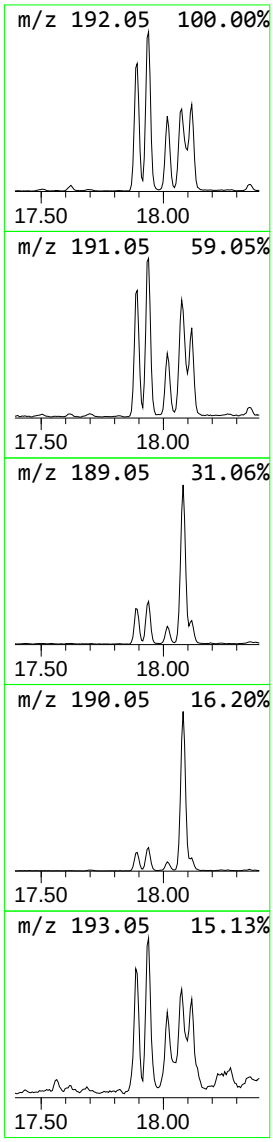
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	4.96 ng	330177	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

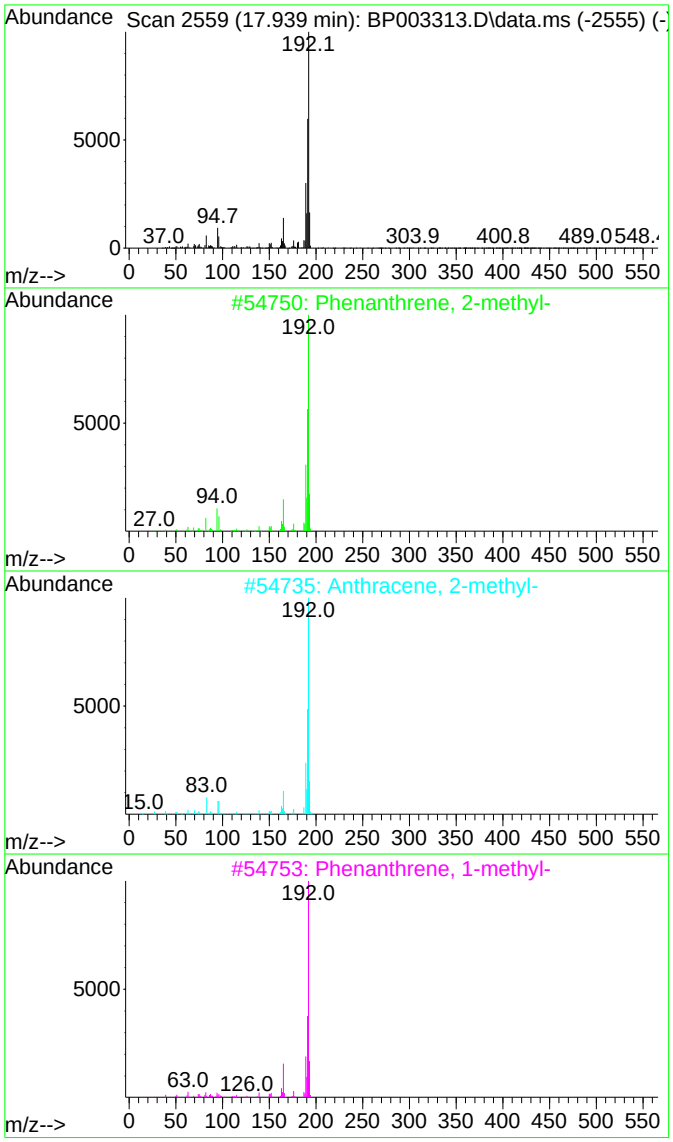
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

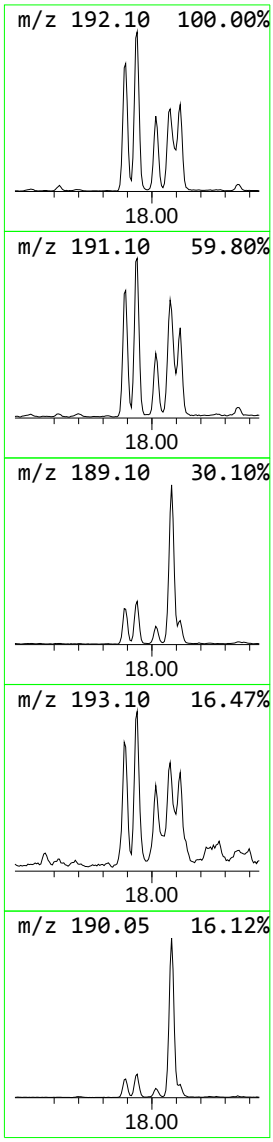
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	6.46 ng	429684	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

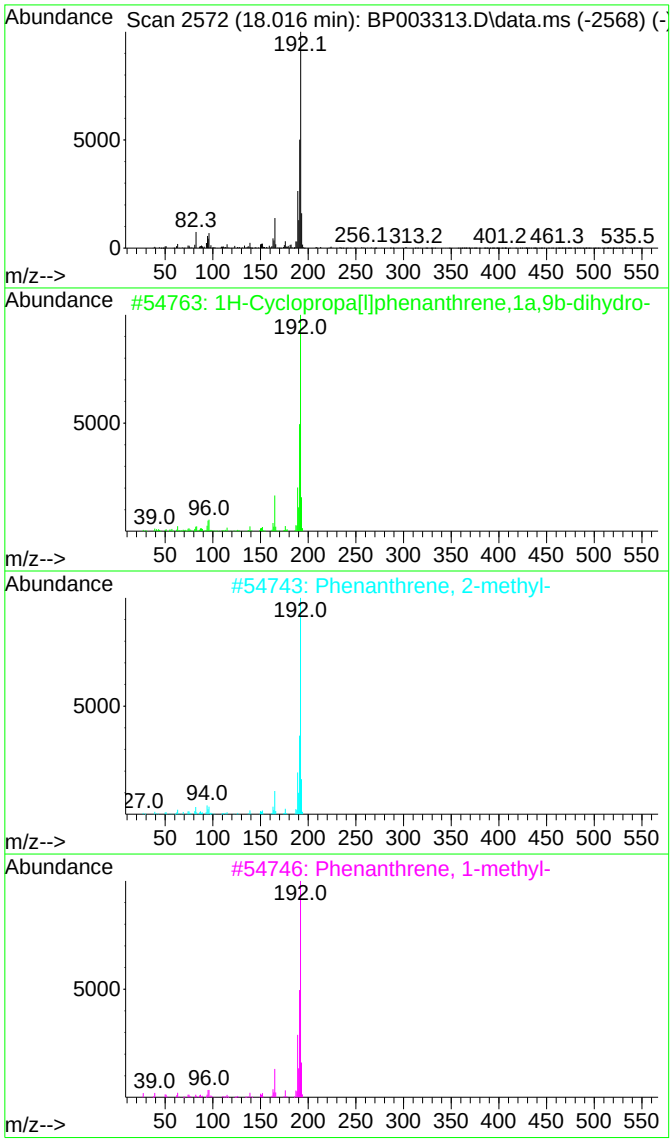
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

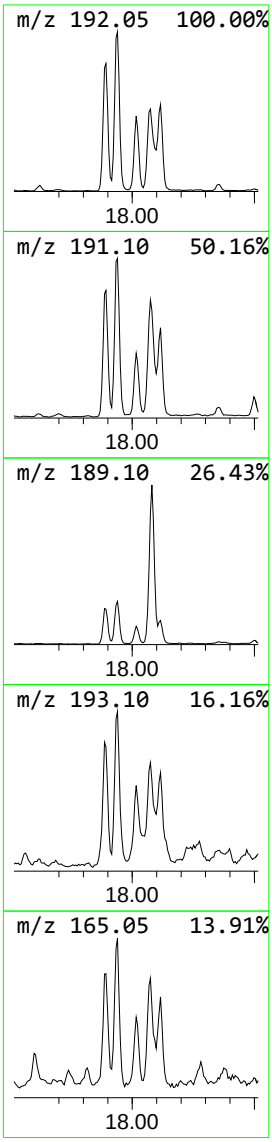
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	2.80 ng	186361	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

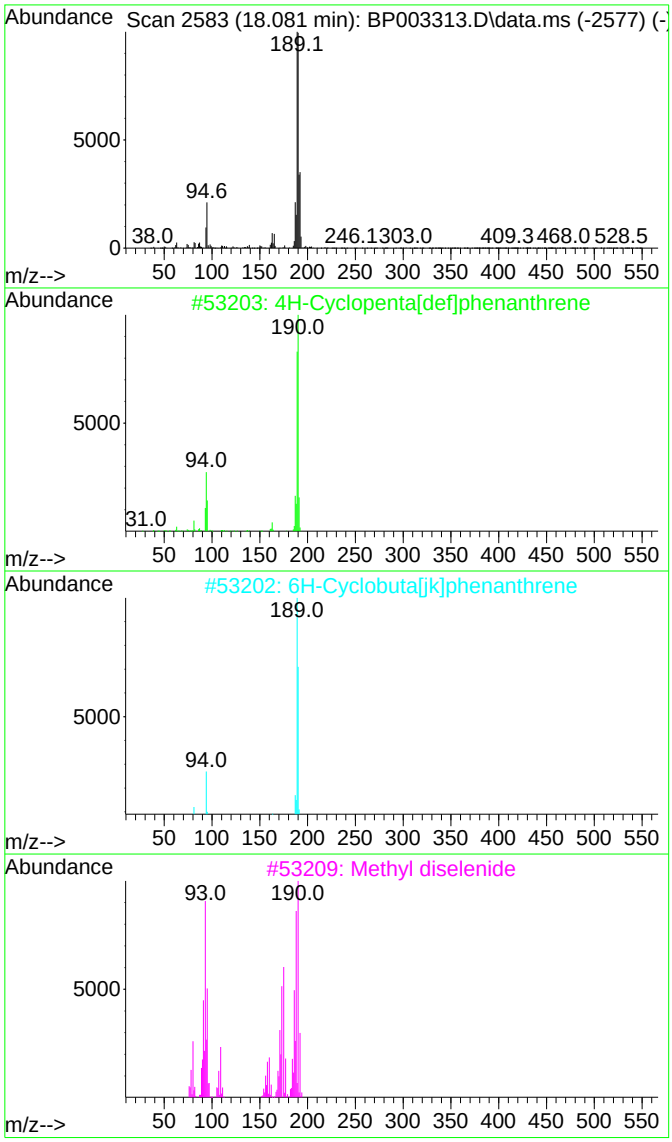
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

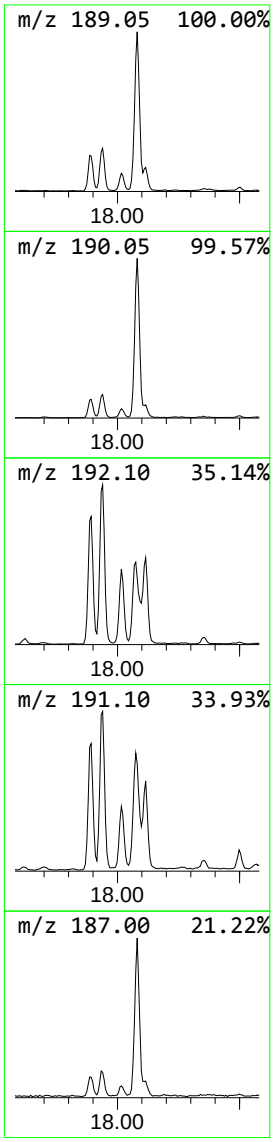
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	11.61 ng	772532	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

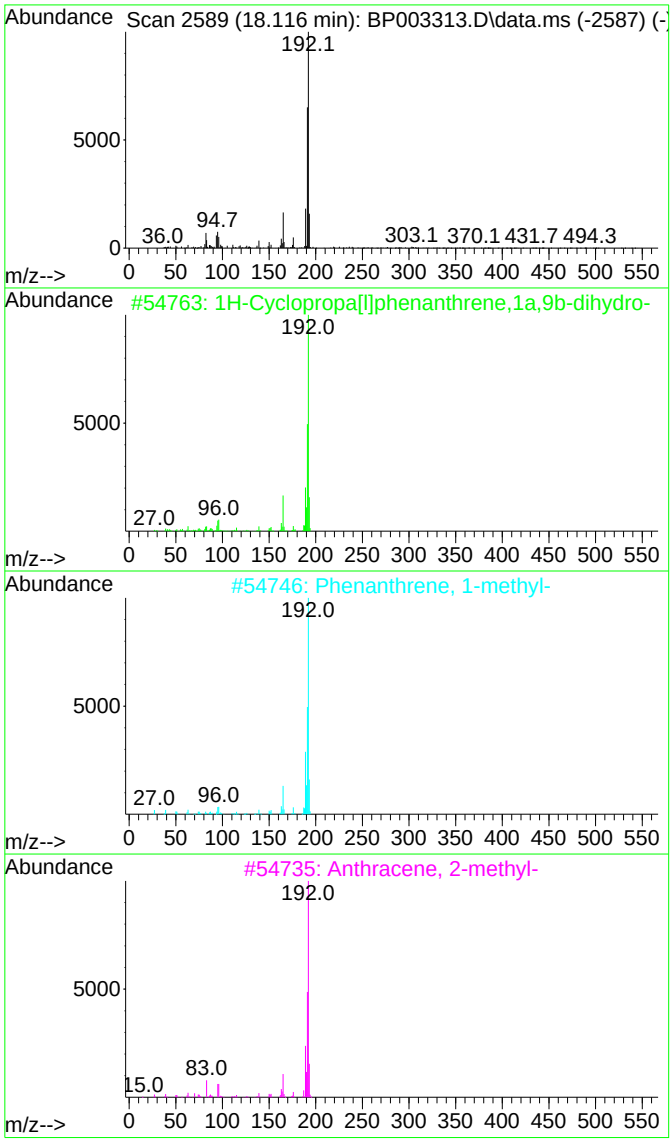
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

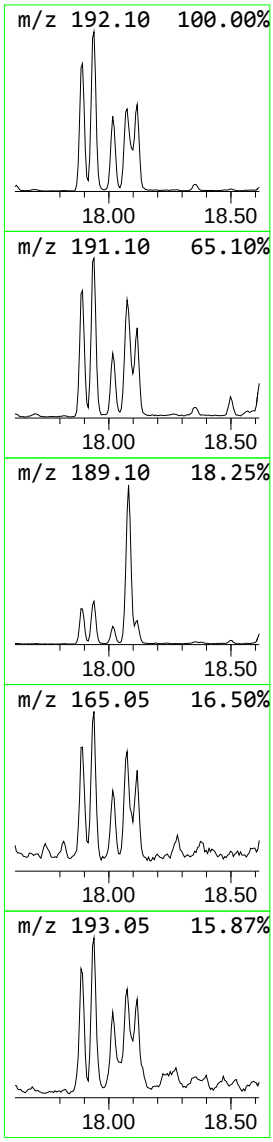
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.84 ng	189169	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

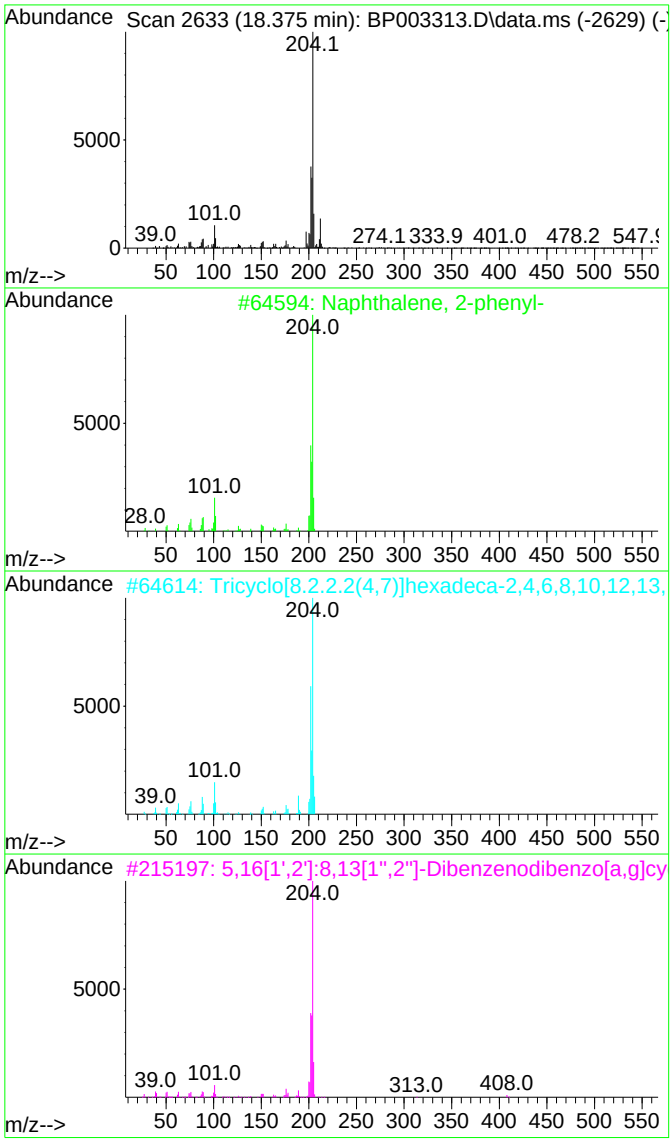
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

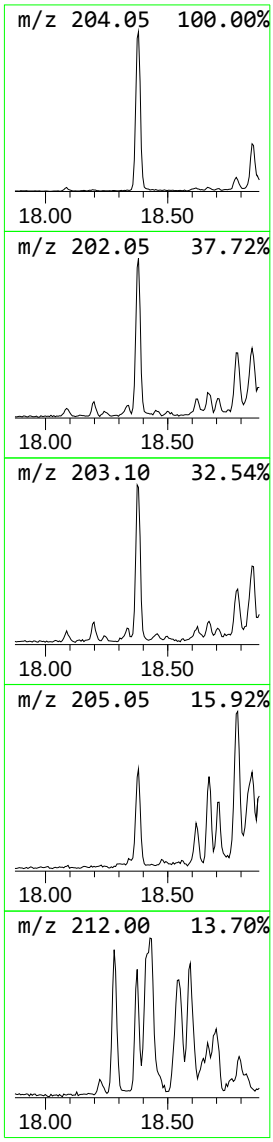
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	2.93 ng	194665	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

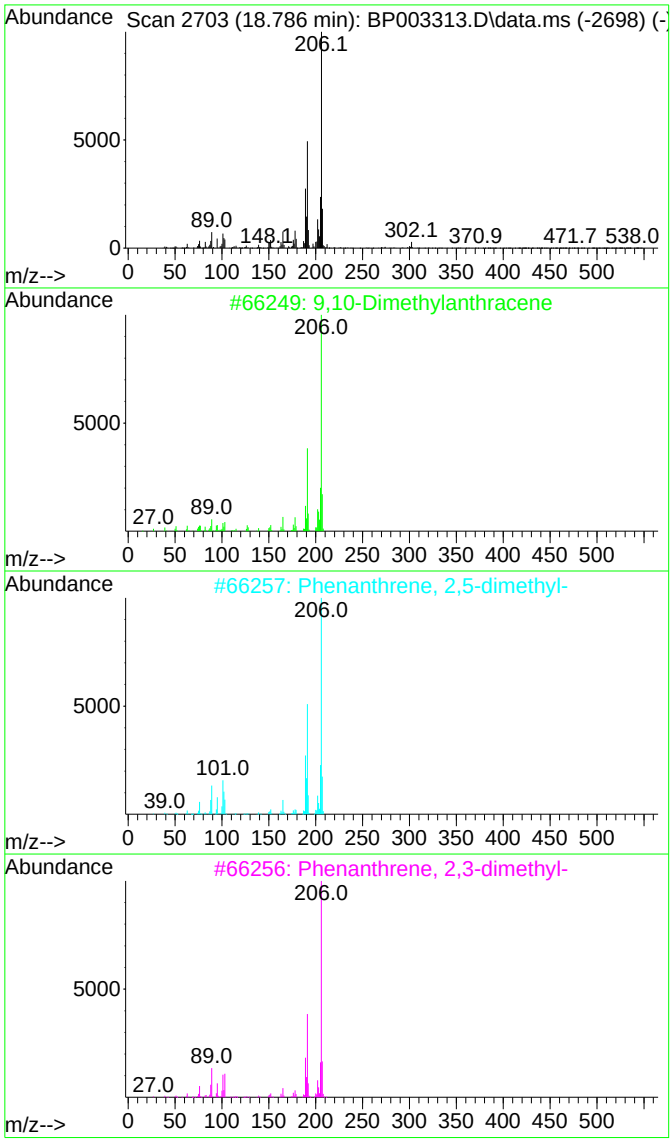
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

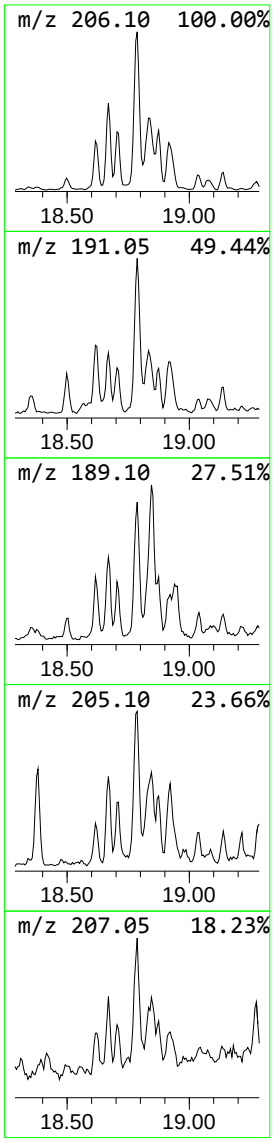
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.786	4.86 ng	323696	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

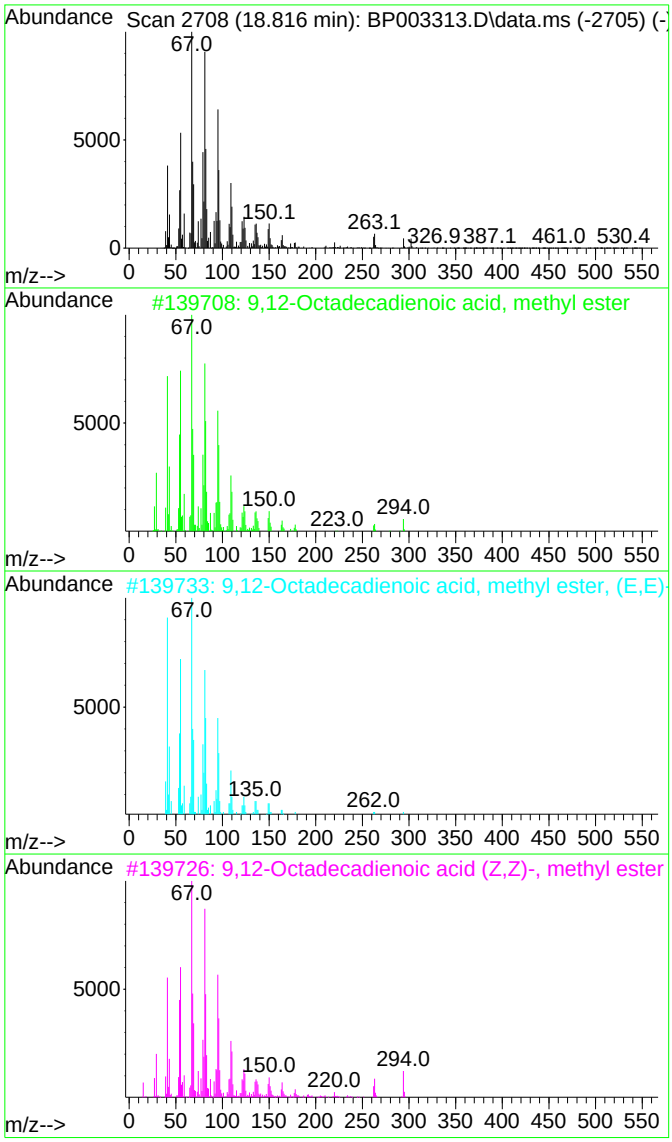
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

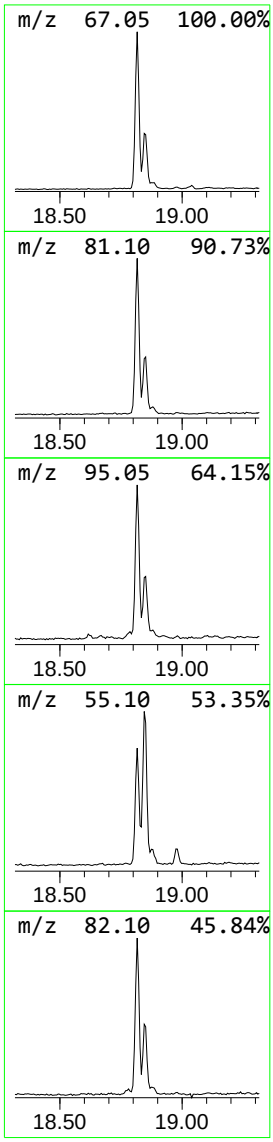
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	13.79 ng	917649	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

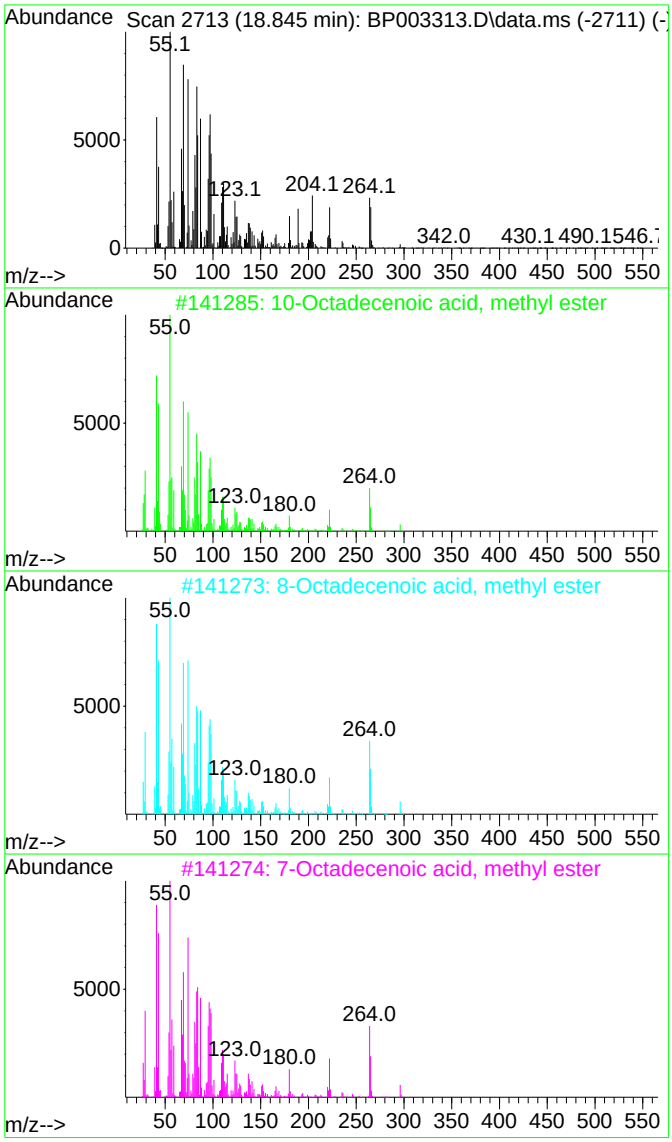
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

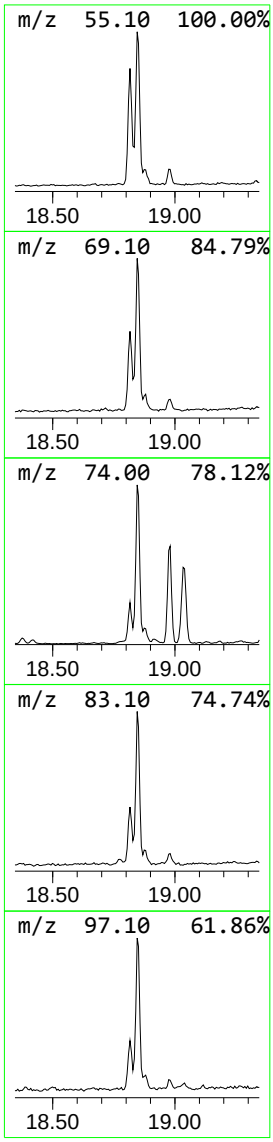
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.845	14.19 ng	944049	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

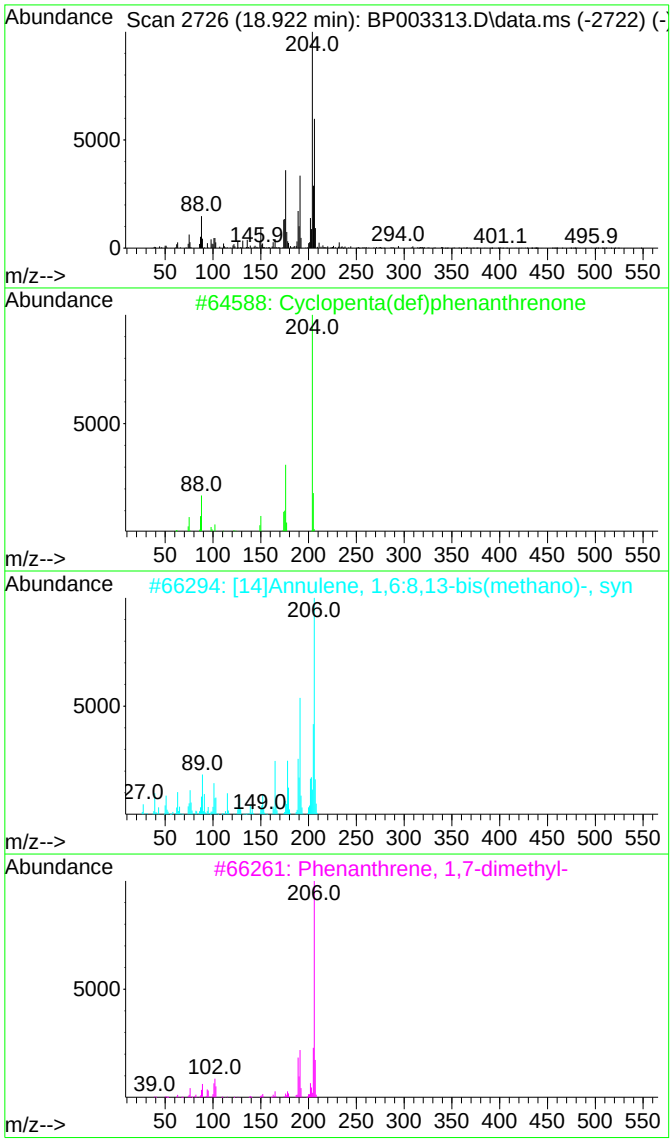
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

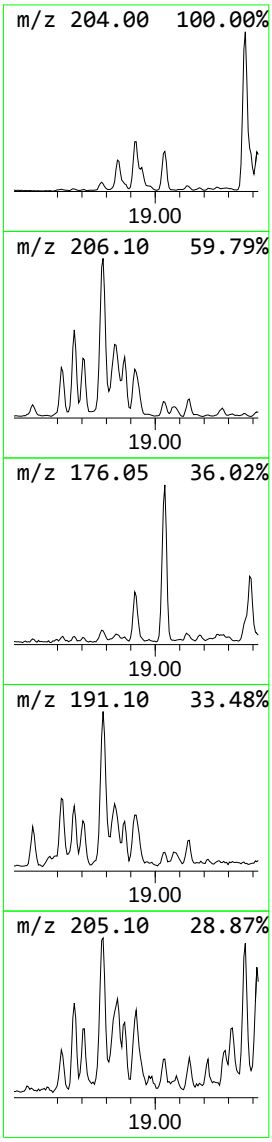
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	3.79 ng	251901	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	50
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	42
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

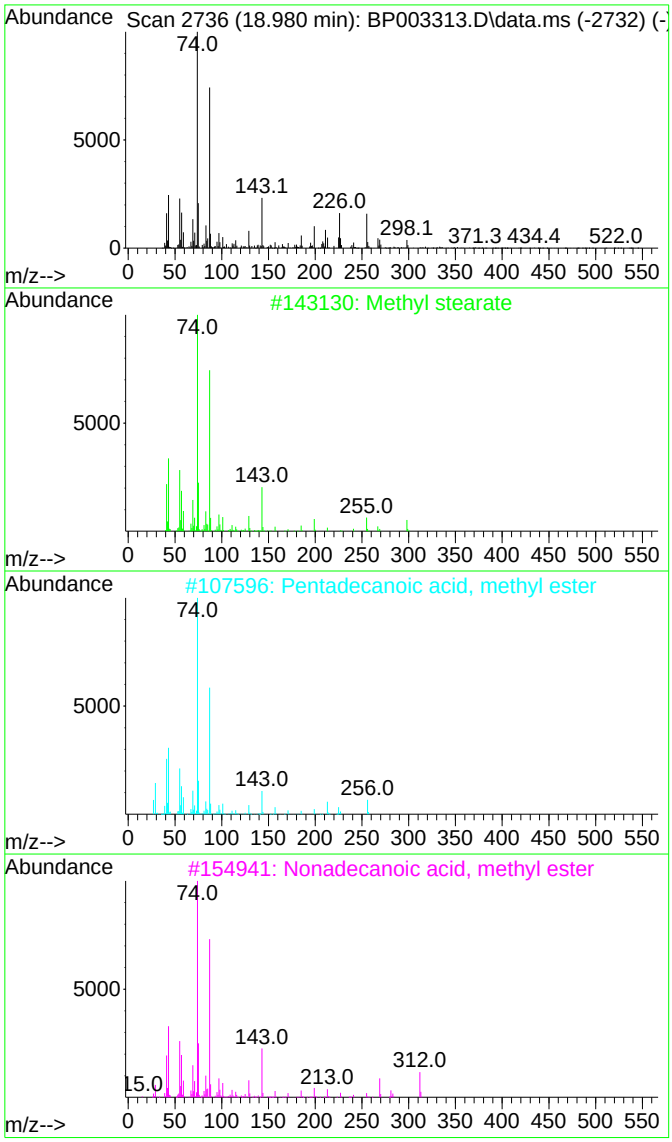
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

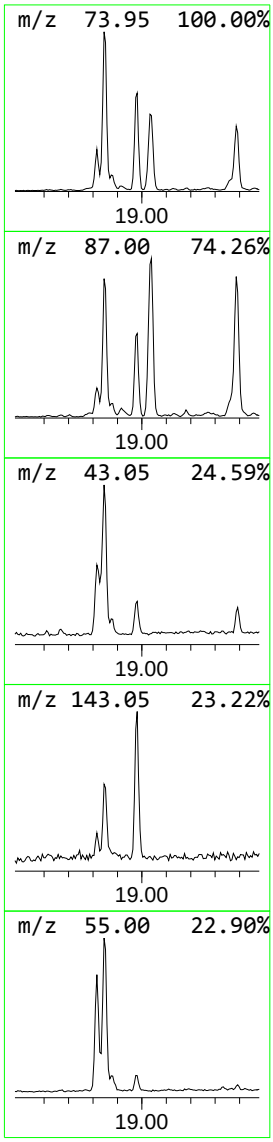
****

Peak Number 14 Methyl stearate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	2.51 ng	167317	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	74
4	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	72
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091520

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

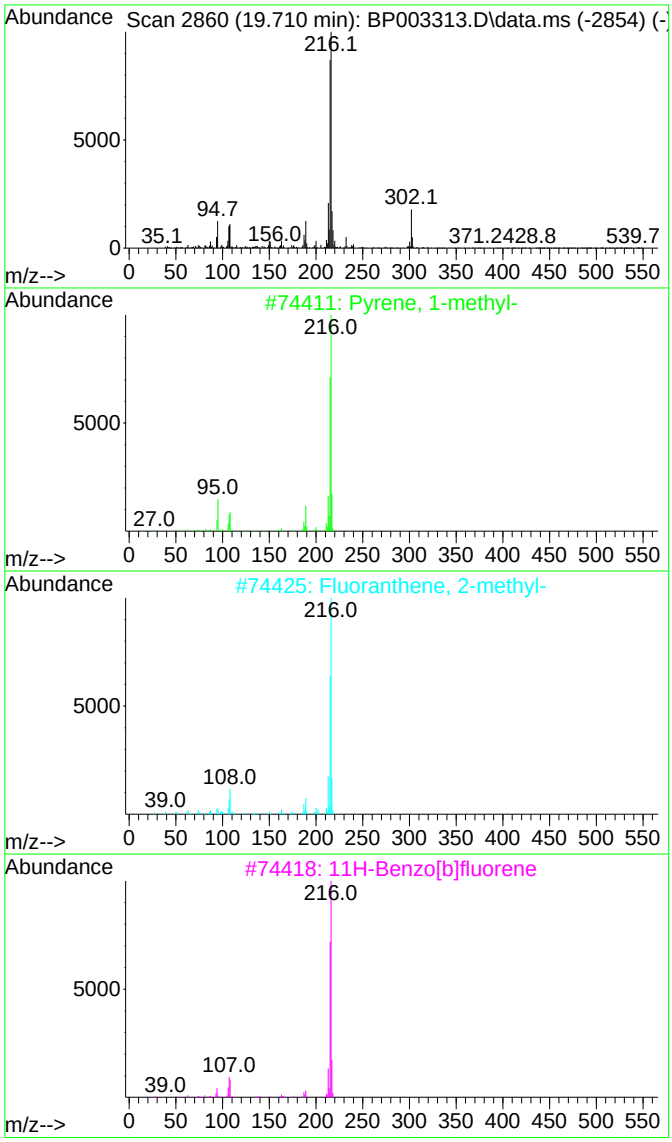
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

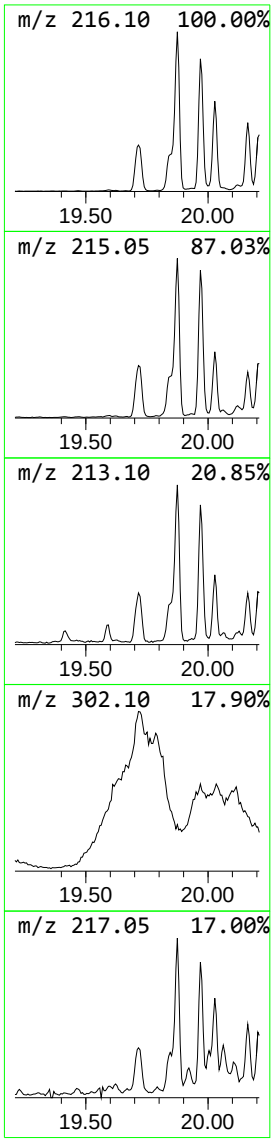
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.710	2.60 ng	529406	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

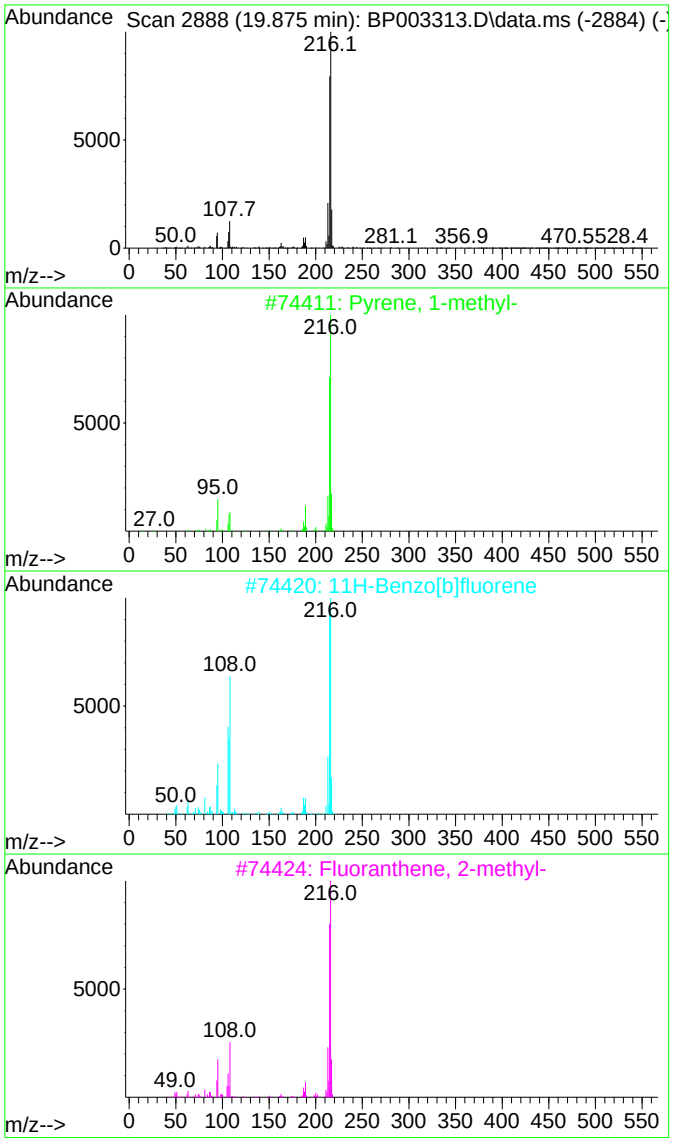
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

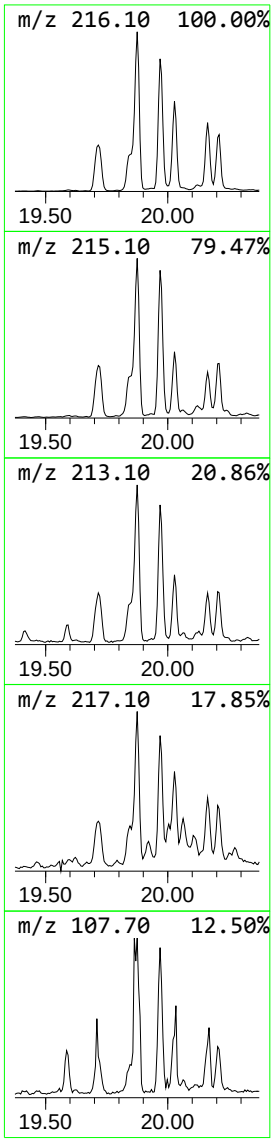
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.875	3.45 ng	701808	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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

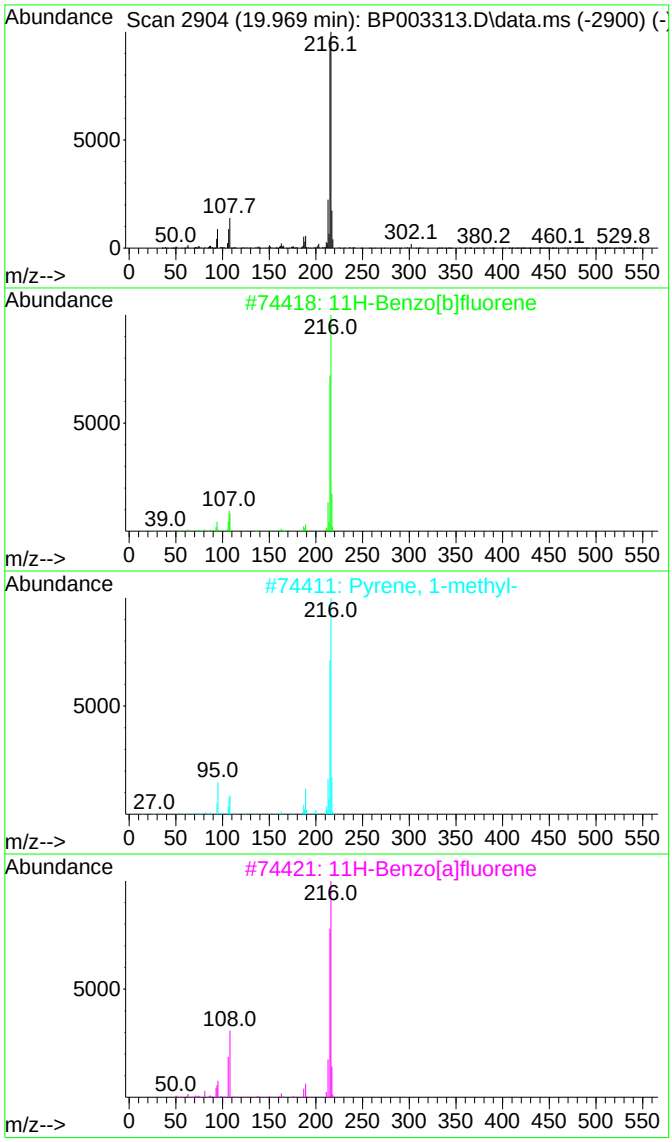
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

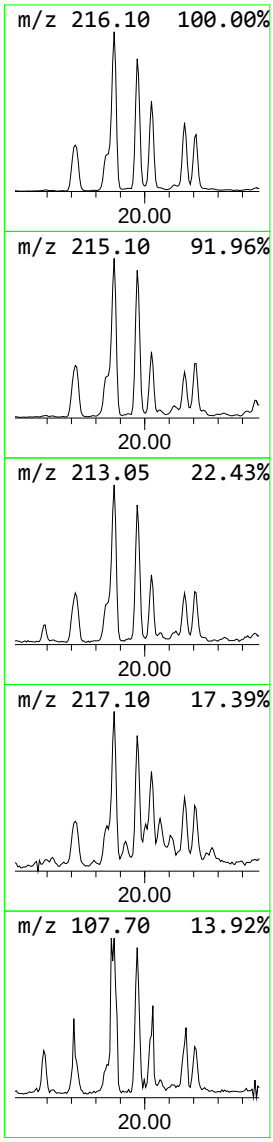
****

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.969	2.69 ng	547980	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

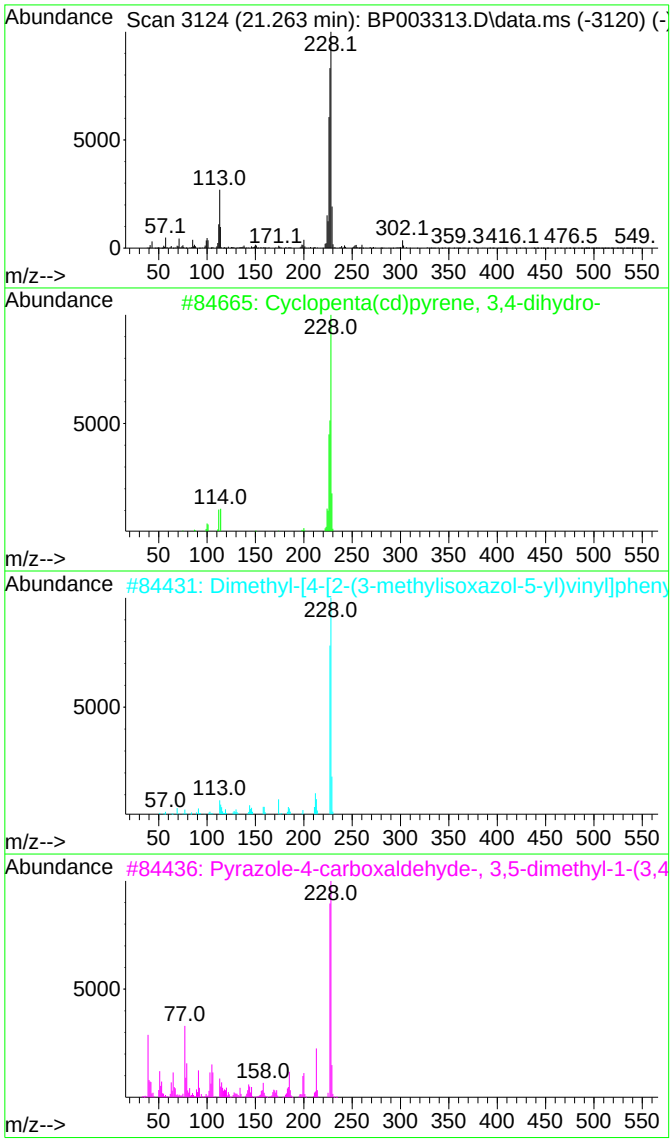
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

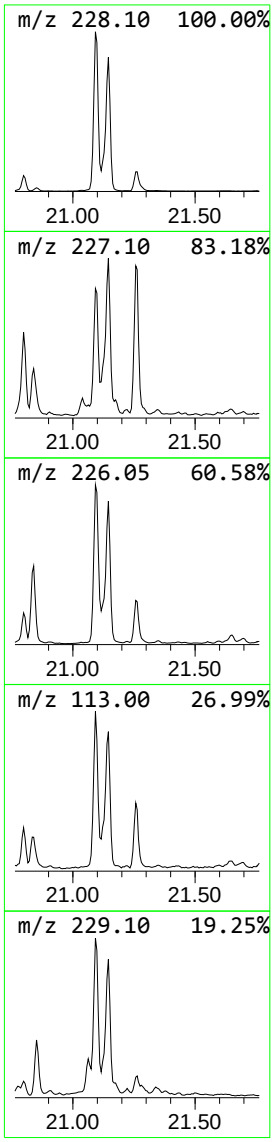
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.263	2.36 ng	481198	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Triphenylene	228	C18H12	000217-59-4	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

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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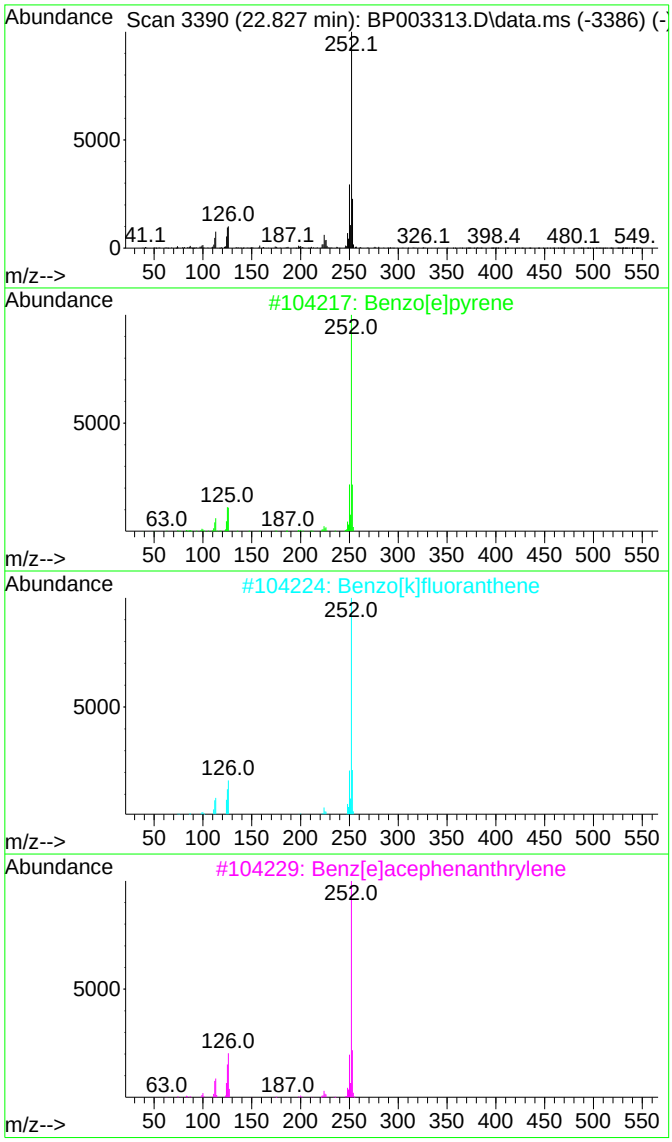
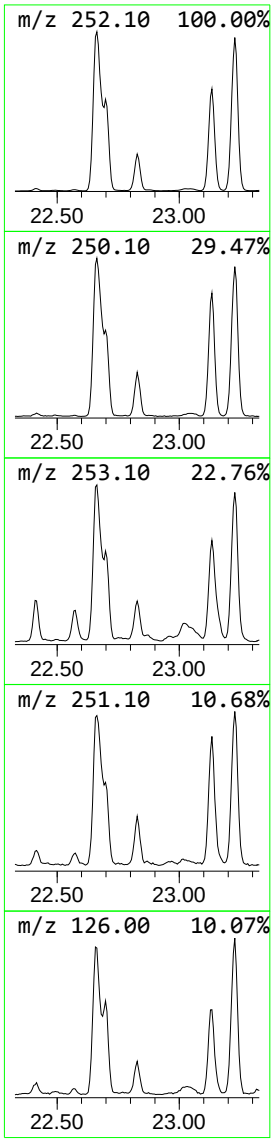
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.827	4.79 ng	433019	Perylene-d12	23.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091520

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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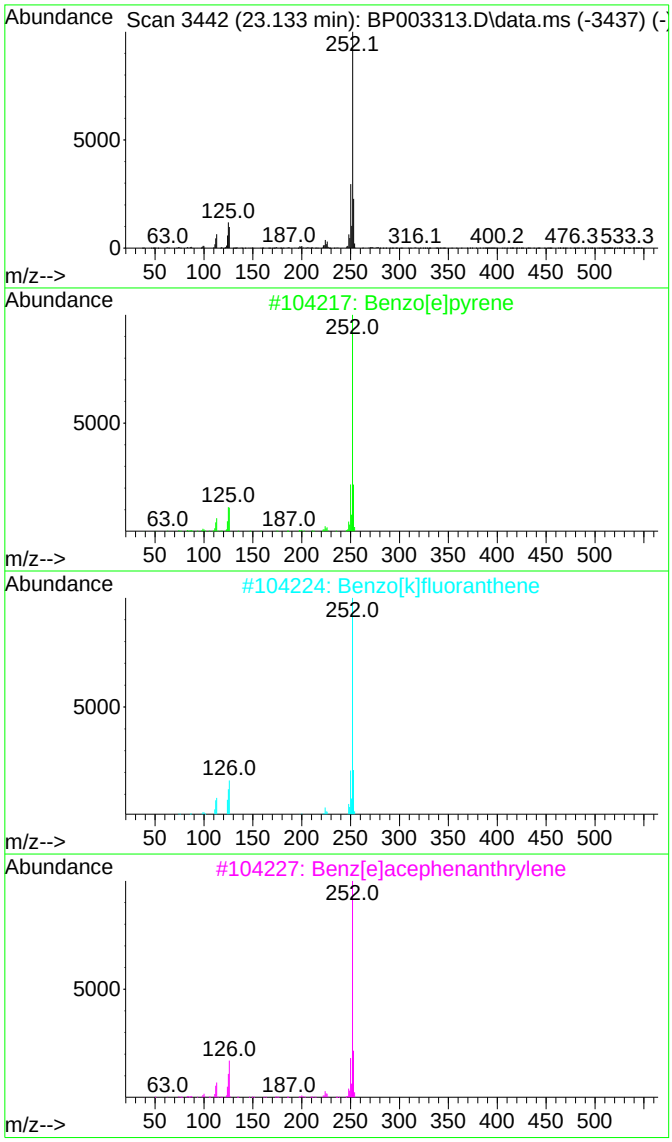
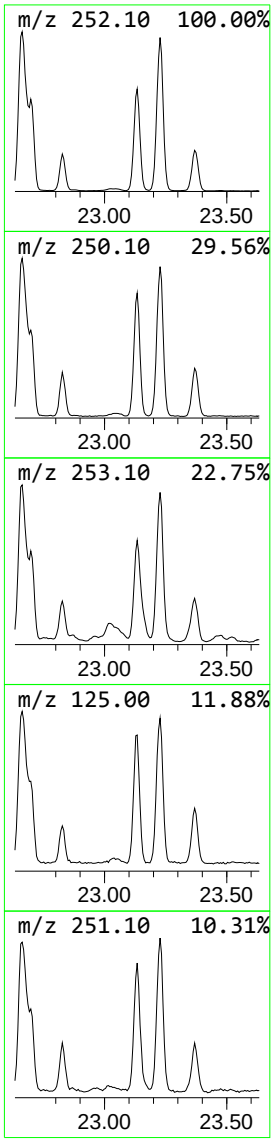
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.133	16.97 ng	1534290	Perylene-d12	23.321

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003313.D
Acq On : 16 Sep 2020 21:33
Operator : CG/JU
Sample : L3868-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091520

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	16.004	2.8	ng	187804	4	17.016	1331020	20.0
Hexadecanoic ac...	17.710	5.0	ng	336246	4	17.016	1331020	20.0
Phenanthrene, 2...	17.892	5.0	ng	330177	4	17.016	1331020	20.0
Anthracene, 2-m...	17.939	6.5	ng	429684	4	17.016	1331020	20.0
1H-Cyclopropa[l...	18.016	2.8	ng	186361	4	17.016	1331020	20.0
4H-Cyclopenta[d...	18.081	11.6	ng	772532	4	17.016	1331020	20.0
Phenanthrene, 1...	18.116	2.8	ng	189169	4	17.016	1331020	20.0
Naphthalene, 2-...	18.375	2.9	ng	194665	4	17.016	1331020	20.0
9,10-Dimethylan...	18.786	4.9	ng	323696	4	17.016	1331020	20.0
9,12-Octadecadi...	18.816	13.8	ng	917649	4	17.016	1331020	20.0
10-Octadecenoic...	18.845	14.2	ng	944049	4	17.016	1331020	20.0
Cyclopenta(def)...	18.922	3.8	ng	251901	4	17.016	1331020	20.0
Methyl stearate	18.980	2.5	ng	167317	4	17.016	1331020	20.0
Pyrene, 1-methyl-	19.710	2.6	ng	529406	5	21.110	4070080	20.0
11H-Benzo[b]flu...	19.875	3.5	ng	701808	5	21.110	4070080	20.0
11H-Benzo[a]flu...	19.969	2.7	ng	547980	5	21.110	4070080	20.0
Cyclopenta(cd)p...	21.263	2.4	ng	481198	5	21.110	4070080	20.0
Benzo[e]pyrene	22.827	4.8	ng	433019	6	23.321	1808590	20.0
Perylene	23.133	17.0	ng	1534290	6	23.321	1808590	20.0