LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

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\8270E-BP040921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005296.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.275	367	372	384	rVB	1016651	1587962	49.04%	4.628%
2	6.869	636	643	654	rVB	987822	1591017	49.13%	4.636%
3	7.675	774	780	788	rVB	216318	337054	10.41%	0.982%
4	8.840	970	978	986	rBV	557680	935369	28.89%	2.726%
5	10.463	1242	1254	1260	rBV	263299	458150	14.15%	1.335%
6	12.140	1531	1539	1546	rVB	19581	36265	1.12%	0.106%
7	12.951	1670	1677	1696	rBV	1357268	1940264	59.92%	5.654%
8	13.157	1707	1712	1718	rVB2	35441	51465	1.59%	0.150%
9	13.651	1789	1796	1801	rBV2	21410	39581	1.22%	0.115%
10	13.798	1816	1821	1828	rBV2	40783	79298	2.45%	0.231%
11	13.893	1834	1837	1849	rVB8	13582	36458	1.13%	0.106%
12	14.057	1860	1865	1872	rBV	34168	55251	1.71%	0.161%
13	14.240	1890	1896	1901	rBV	40753	54421	1.68%	0.159%
14	14.340	1905	1913	1919	rVV	422894	636034	19.64%	1.854%
15	14.398	1919	1923	1931	rVB	46216	79652	2.46%	0.232%
16	14.740	1977	1981	1985	rBV	37746	48606	1.50%	0.142%
17	14.969	2011	2020	2023	rBV5	16151	36032	1.11%	0.105%
18	15.198	2055	2059	2064	rVB	78548	93183	2.88%	0.272%
19	15.392	2087	2092	2097	rBV3	45311	75986	2.35%	0.221%
20	15.604	2124	2128	2133	rVB3	26143	38335	1.18%	0.112%
21	15.692	2139	2143	2151	rVB2	24123	41397	1.28%	0.121%
22	15.845	2160	2169	2177	rBV	1086103	1617190	49.94%	4.713%
23	16.069	2202	2207	2208	rBV2	67738	85982	2.66%	0.251%
24	16.757	2320	2324	2331	rVB	42156	67909	2.10%	0.198%
25	16.834	2331	2337	2338	rBV4	23717	36233	1.12%	0.106%
26	16.863	2338	2342	2346	rVV	125895	165047	5.10%	0.481%
27	16.916	2346	2351	2361	rVB2	75755	132371	4.09%	0.386%
28	17.104	2377	2383	2386	rBV	533944	747788	23.09%	2.179%
29	17.145	2386	2390	2396	rVB	769423	1026295	31.69%	2.991%
30	17.234	2401	2405	2411	rVV	196911	278124	8.59%	0.810%
31	17.292	2412	2415	2420	rVB4	19350	32824	1.01%	0.096%
32	17.516	2449	2453	2458	rBV2	44567	73946	2.28%	0.215%
33	17.604	2465	2468	2475	rVV3	55458	91233	2.82%	0.266%
34	17.686	2478	2482	2490	rVB4	33286	64050	1.98%	0.187%
35	17.975	2524	2531	2534	rBV	118113	205391	6.34%	0.599%
36	18.022	2534	2539	2546	rVV2	216892	473227	14.61%	1.379%

LSC Area Percent Report

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Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

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\8270E-BP040921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.104	2549	2553	2557	rVV	81451	116215	3.59%	0.339%
38	18.169	2559	2564	2567	rVV3	193623	324910	10.03%	0.947%
39	18.204	2567	2570	2576	rVB	92894	119423	3.69%	0.348%
40	18.286	2580	2584	2588	rBV2	234629	289086	8.93%	0.842%
41	18.434	2604	2609	2611	rBV4	57610	84945	2.62%	0.248%
42	18.463	2611	2614	2618	rVB	105795	131600	4.06%	0.384%
43	18.510	2618	2622	2627	rBV2	78246	107311	3.31%	0.313%
44	18.698	2648	2654	2659	rBV2	149031	219281	6.77%	0.639%
45	18.869	2679	2683	2686	rBV	88949	138937	4.29%	0.405%
46	18.898	2686	2688	2691	rVV	41770	51878	1.60%	0.151%
47	19.010	2703	2707	2713	rBV2	95423	155656	4.81%	0.454%
48	19.133	2720	2728	2733	rBV	1811892	2457210	75.88%	7.161%
49	19.181	2734	2736	2740	rVB2	50893	68452	2.11%	0.199%
50	19.228	2741	2744	2745	rBV2	39871	44056	1.36%	0.128%
51	19.245	2745	2747	2750	rVV3	34408	39133	1.21%	0.114%
52	19.363	2765	2767	2771	rVB	49448	50505	1.56%	0.147%
53	19.486	2778	2788	2795	rBV	1555653	2692658	83.15%	7.847%
54	19.551	2796	2799	2803	rVV2	82554	115010	3.55%	0.335%
55	19.680	2816	2821	2826	rVB	2757177	3238188	100.00%	9.437%
56	19.798	2837	2841	2845	rBV3	93239	218688	6.75%	0.637%
57	19.833	2845	2847	2853	rVB2	122876	146820	4.53%	0.428%
58	19.933	2860	2864	2865	rBV3	80219	111568	3.45%	0.325%
59	19.969	2867	2870	2875	rVB2	195594	318527	9.84%	0.928%
60	20.063	2883	2886	2889	rVB2	90223	92844	2.87%	0.271%
61	20.122	2890	2896	2900	rBV3	192325	320926	9.91%	0.935%
62	20.216	2908	2912	2916	rBV	577112	682369	21.07%	1.989%
63	20.257	2917	2919	2922	rVB	62824	59874	1.85%	0.174%
64	20.404	2941	2944	2950	rBV2	90235	131906	4.07%	0.384%
65	20.463	2951	2954	2958	rVB	277252	295719	9.13%	0.862%
66	20.698	2991	2994	2998	rBV	159403	193785	5.98%	0.565%
67	20.745	3000	3002	3006	rVV3	83187	98418	3.04%	0.287%
68	20.898	3025	3028	3029	rBV2	113661	124477	3.84%	0.363%
69	20.922	3029	3032	3039	rVV4	270031	507536	15.67%	1.479%
70	20.992	3041	3044	3053	rVB3	220120	335572	10.36%	0.978%
71	21.198	3074	3079	3084	rBV2	1084686	2226410	68.75%	6.488%
72	21.245	3084	3087	3096	rVB	767804	967192	29.87%	2.819%
73	21.345	3101	3104	3109	rVB3	312104	393856	12.16%	1.148%
74	22.257	3255	3259	3264	rVB	282770	374036	11.55%	1.090%
75	22.798	3347	3351	3356	rBV	381376	776185	23.97%	2.262%
76	23.286	3430	3434	3441	rVV	272219	495262	15.29%	1.443%

LSC Area Percent Report

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Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.386	3443	3451	3457	rVB2	484405	1217264	37.59%	3.547%
78	23.486	3464	3468	3473	rBV2	273144	432083	13.34%	1.259%

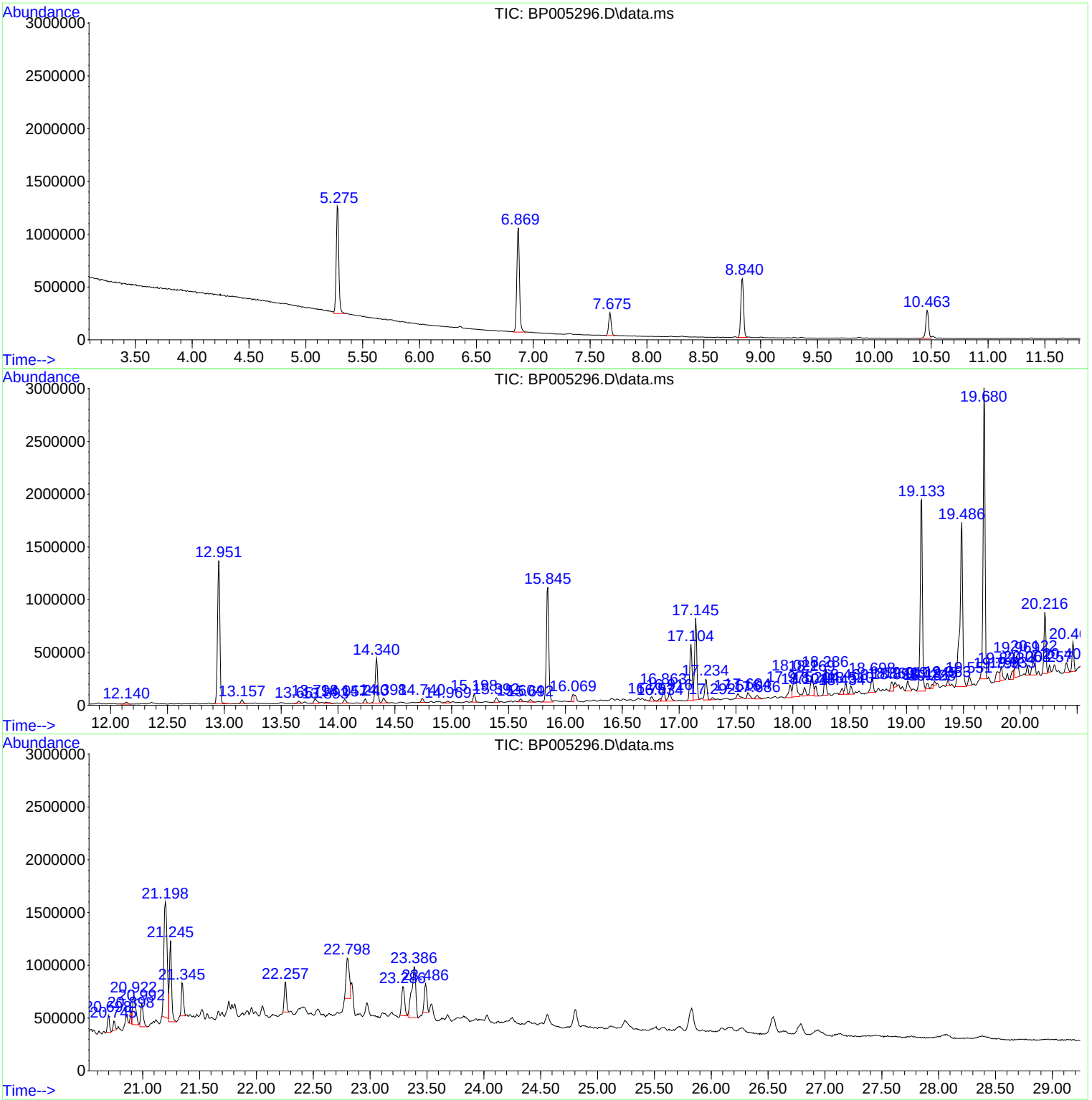
Sum of corrected areas: 34315161

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

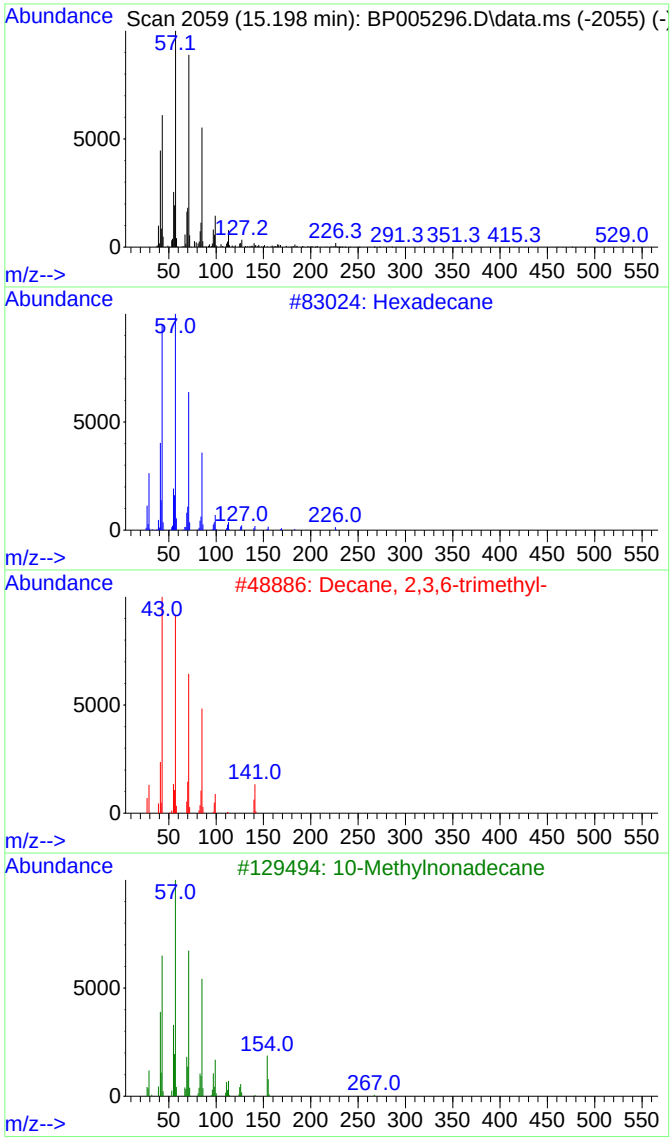
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

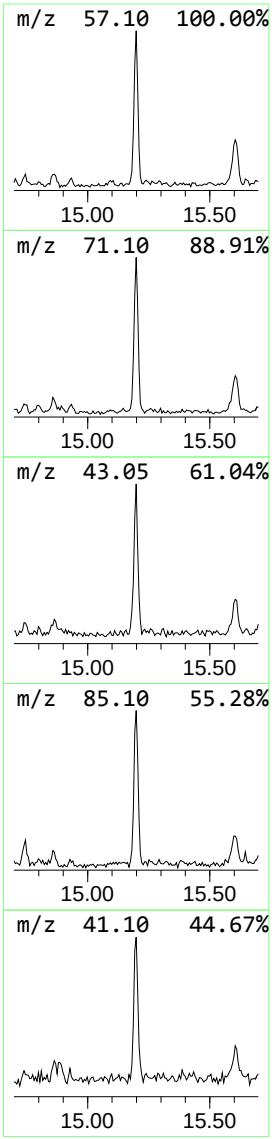
****

Peak Number 1 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	2.93 ng	93183	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	78
3	10-Methylnonadecane	282	C20H42	056862-62-5	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

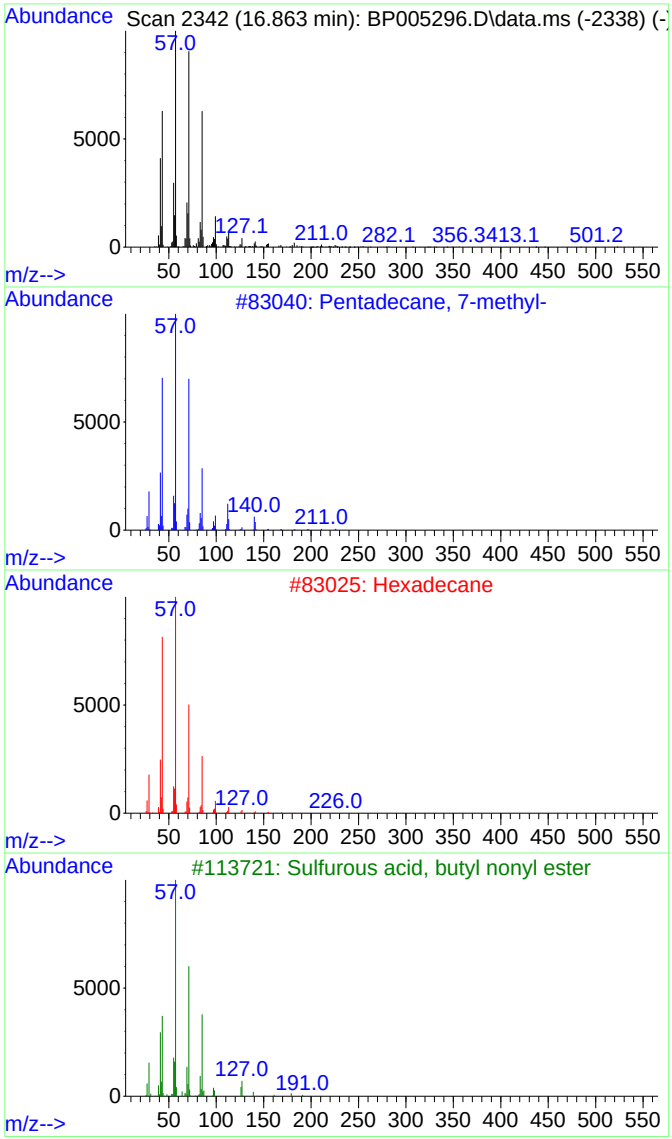
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

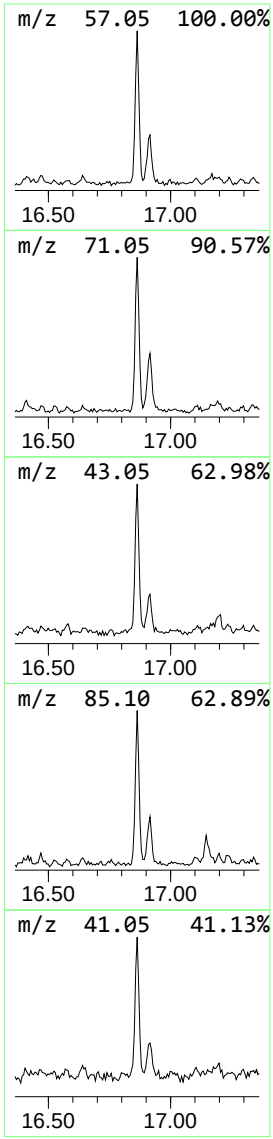
****

Peak Number 2 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	4.41 ng	165047	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	80
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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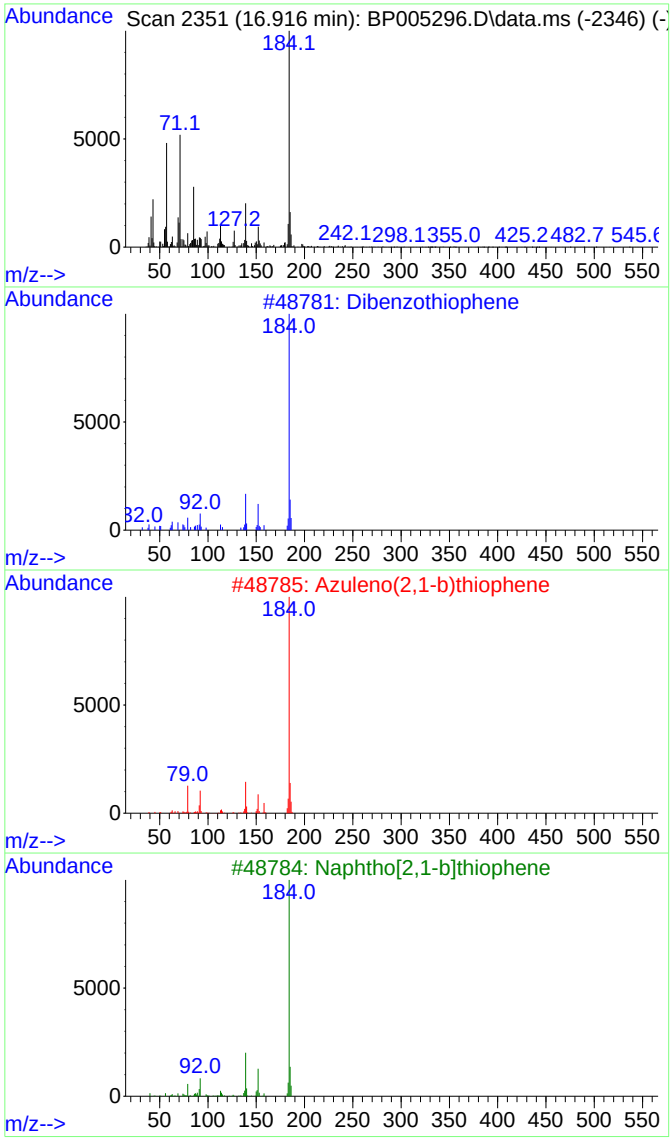
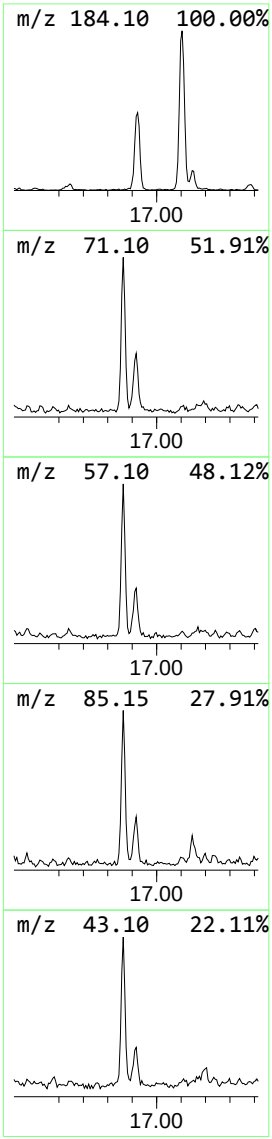
Peak Number 3 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.916	3.54 ng	132371	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	47
5	d-Proline, N-neopentyloxtcarbony...	327	C18H33NO4	1000328-20-8	47





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Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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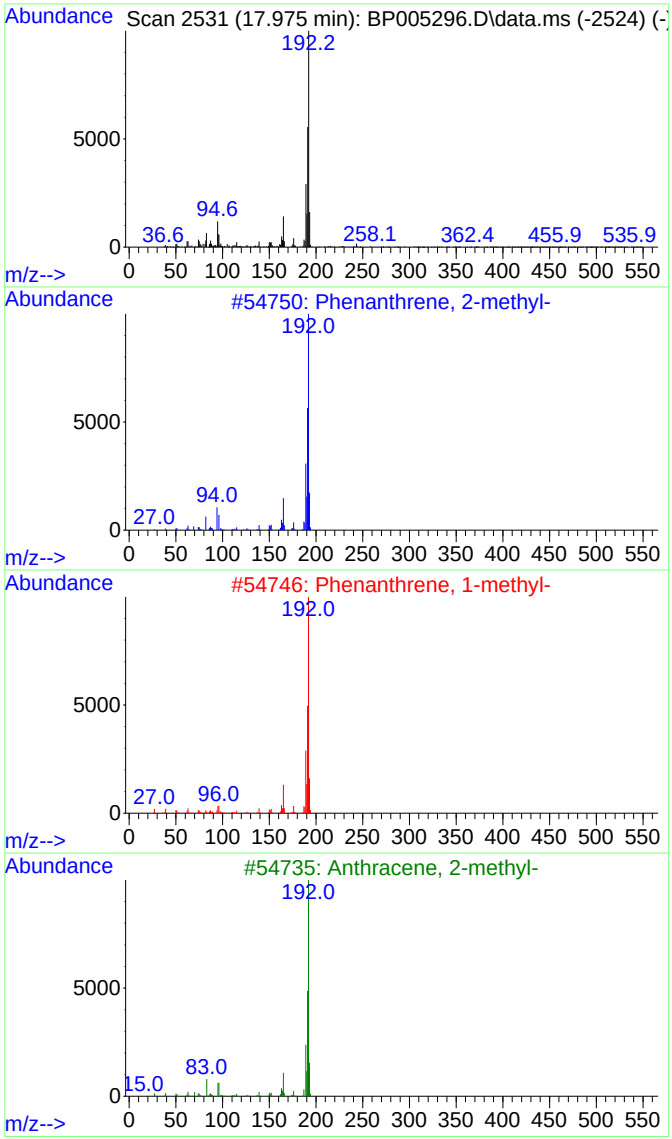
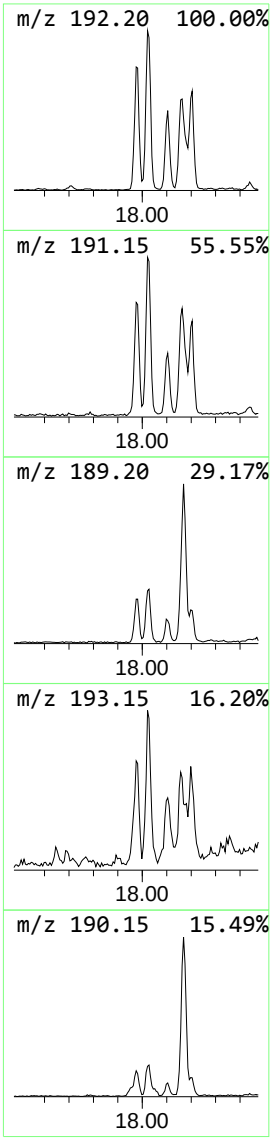
****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	5.49 ng	205391	Phenanthrene-d10	17.104

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
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Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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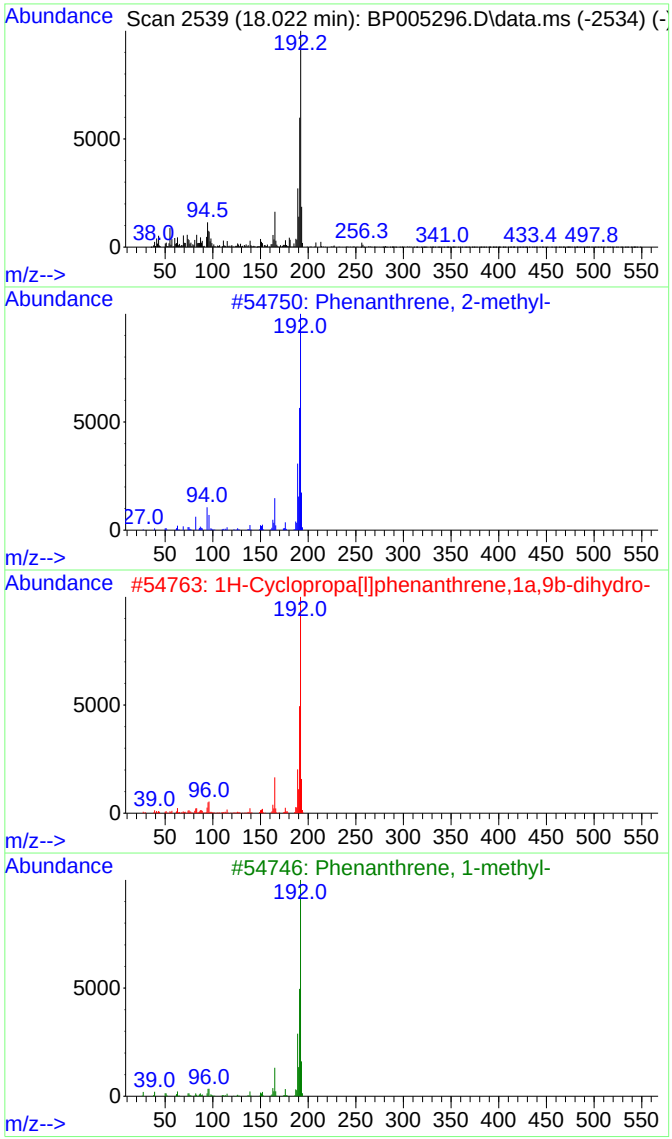
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

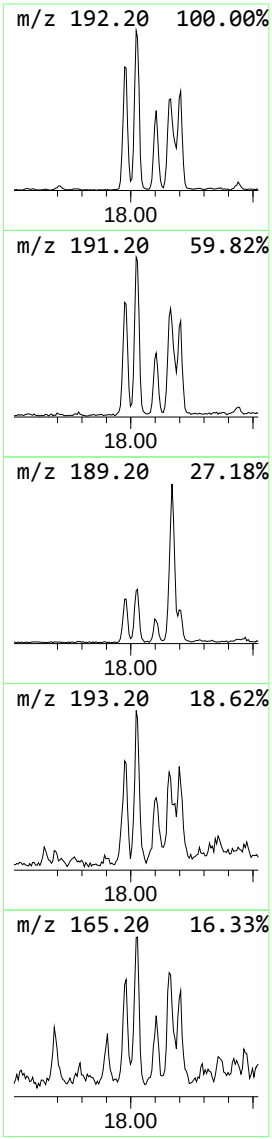
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	12.66 ng	473227	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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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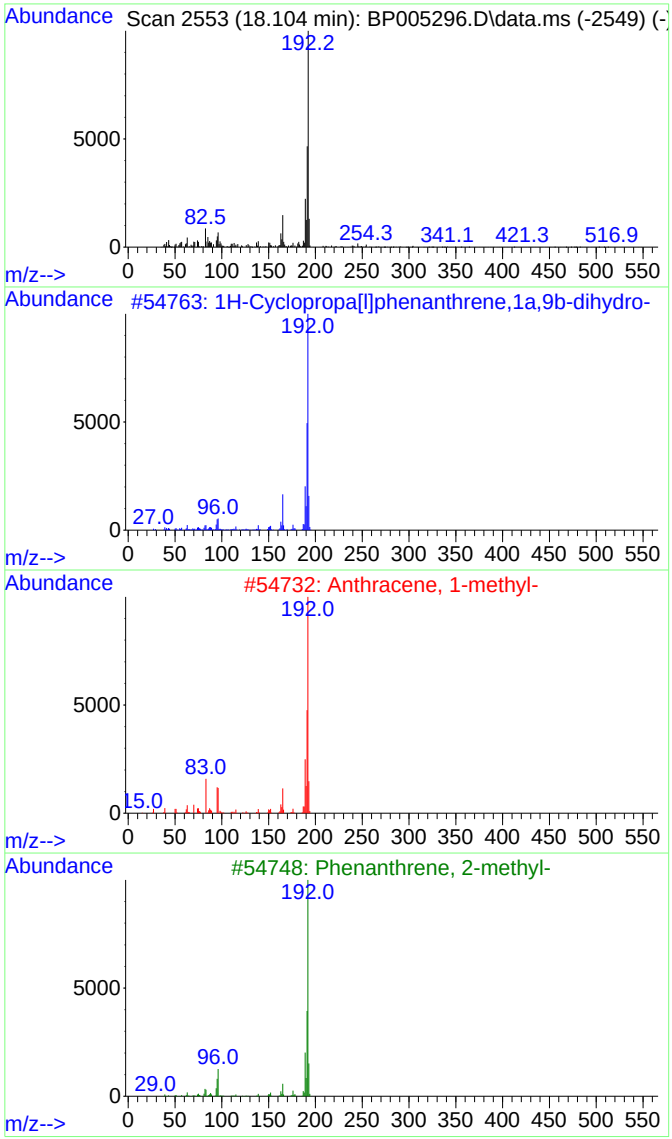
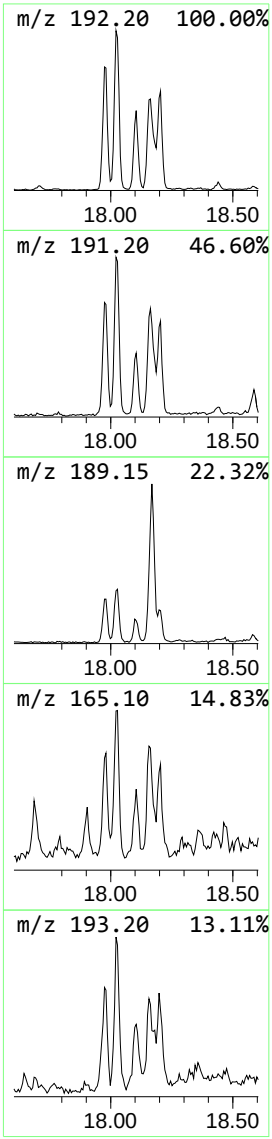
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	3.11 ng	116215	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Operator : CG/JU
Sample : M2019-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

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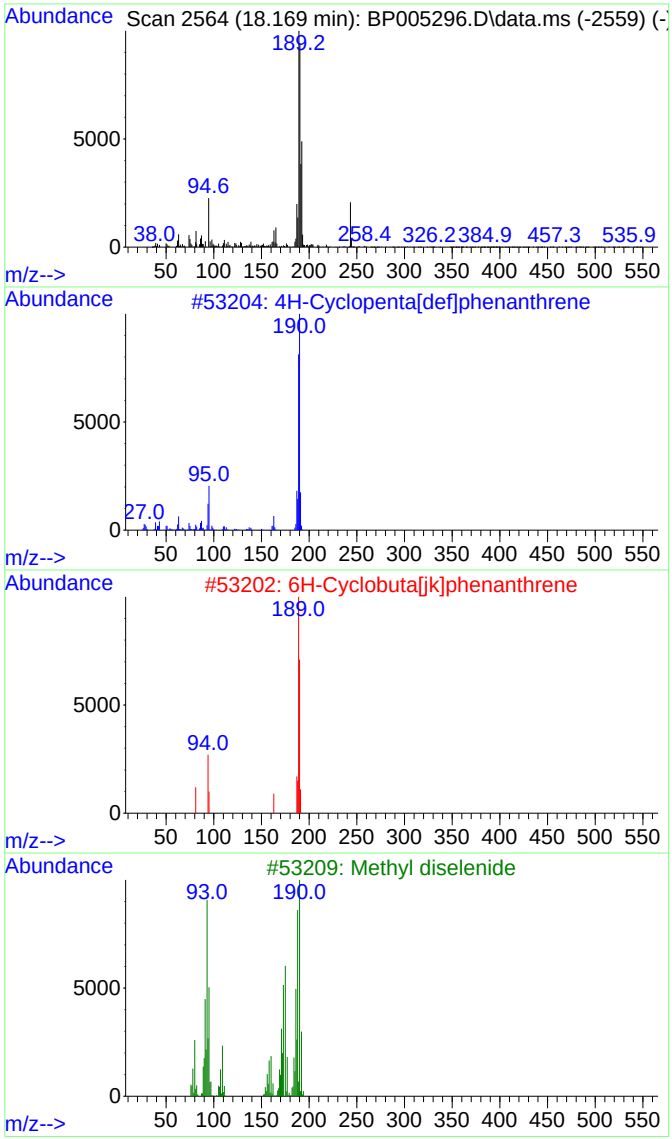
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

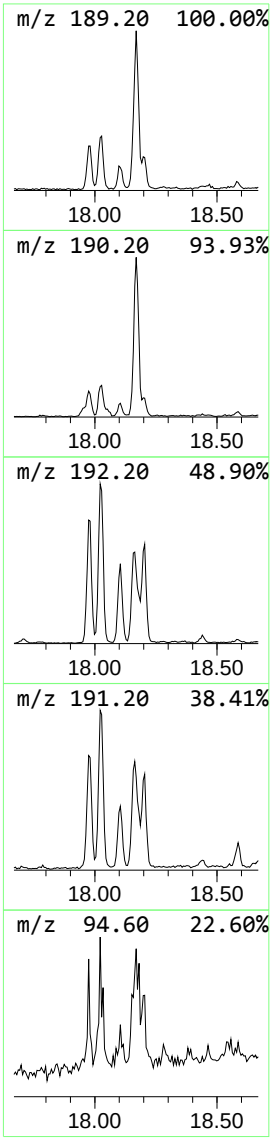
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	8.69 ng	324910	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	28





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
149TH-ST-E1-101

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

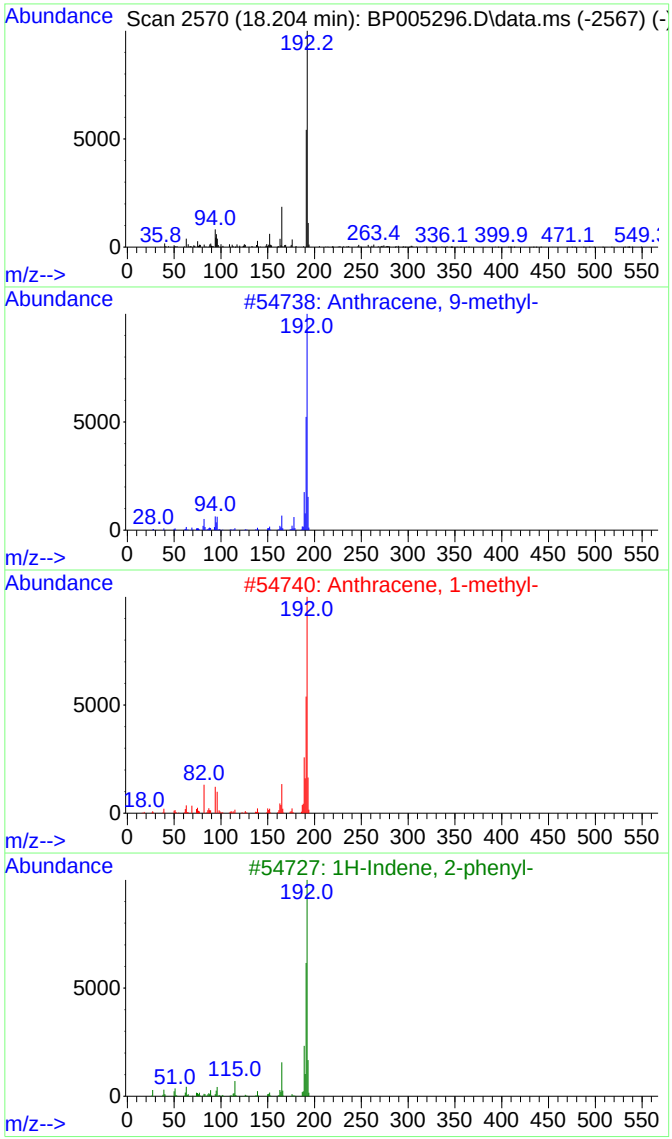
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

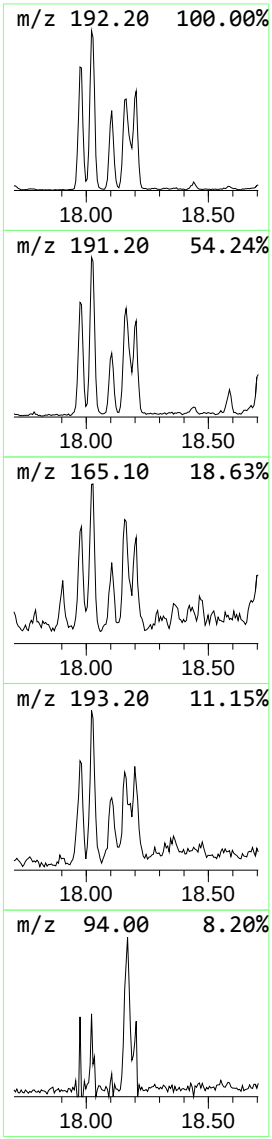
****

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.19 ng	119423	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	78





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : 149TH-ST-E1-101

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

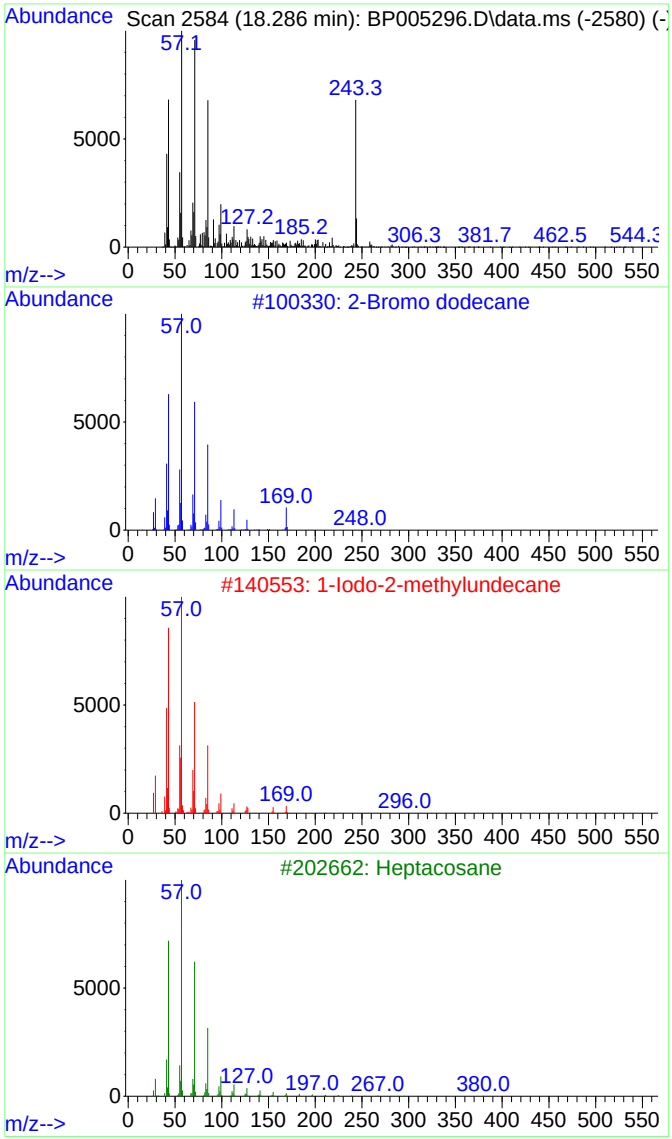
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

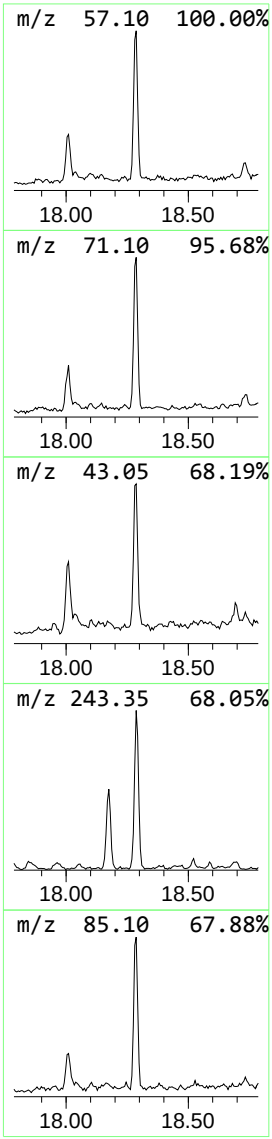
****

Peak Number 9 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	7.73 ng	289086	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	70
3	Heptacosane	380	C27H56	000593-49-7	70
4	Octacosane	394	C28H58	000630-02-4	58
5	Heneicosane	296	C21H44	000629-94-7	53





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Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
149TH-ST-E1-101

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

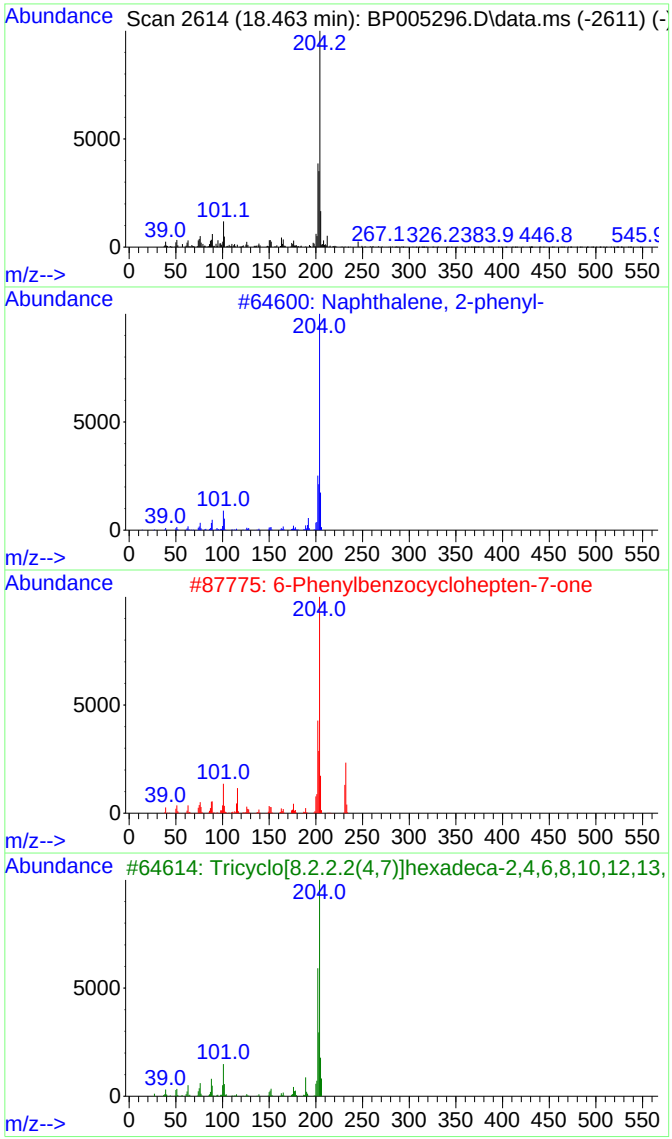
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

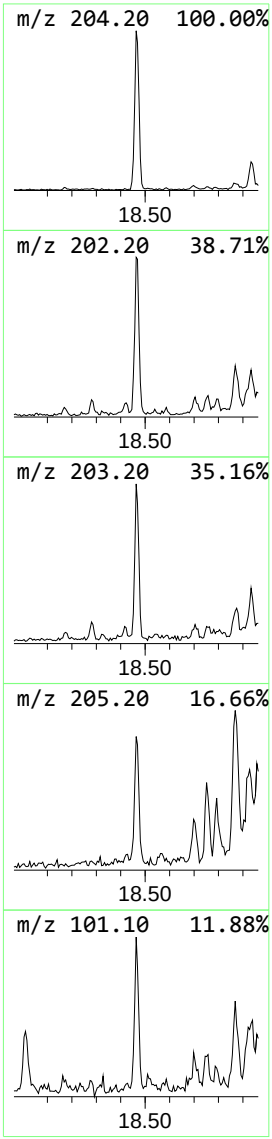
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	3.52 ng	131600	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

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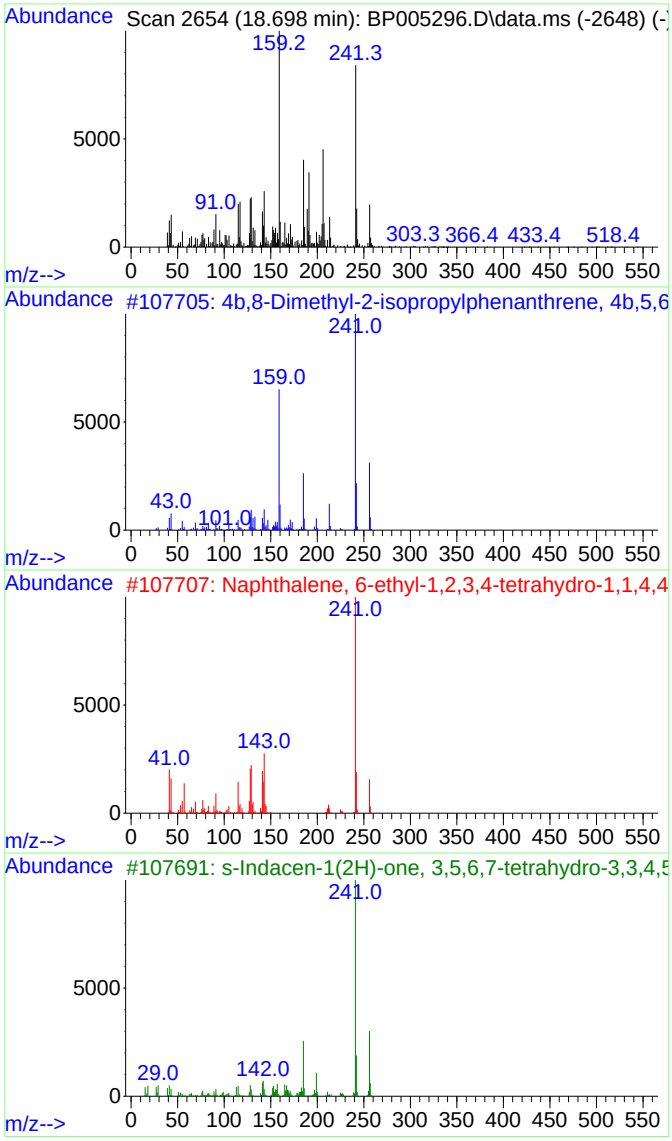
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

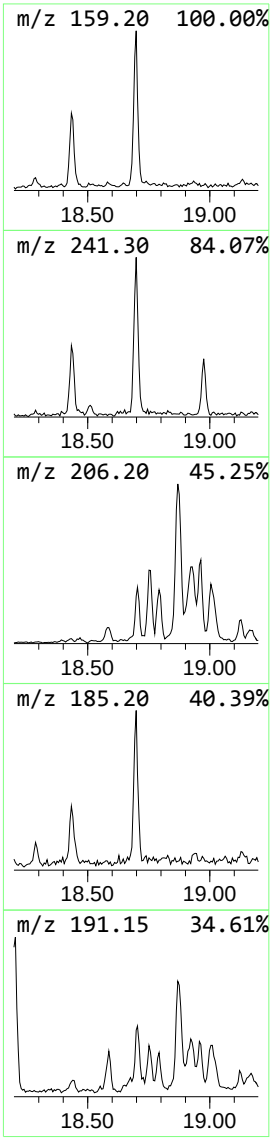
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	5.86 ng	219281	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	89
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	56
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	25
5	Sebacic acid, butyl 2-octyl ester	370	C22H42O4	1000354-16-9	22





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Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

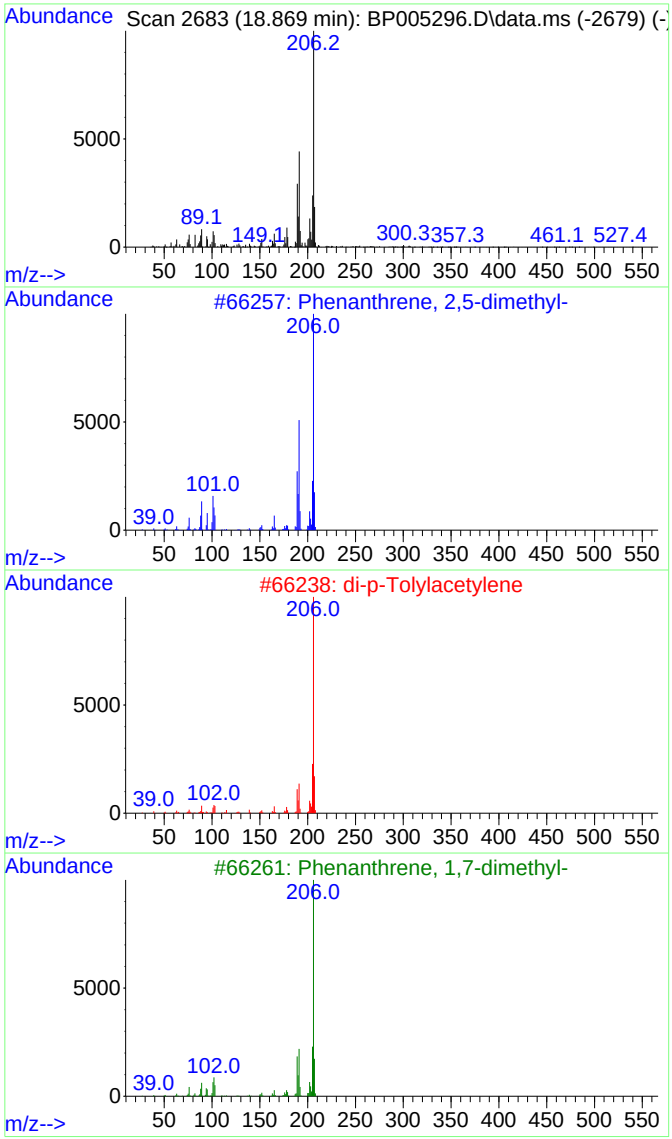
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

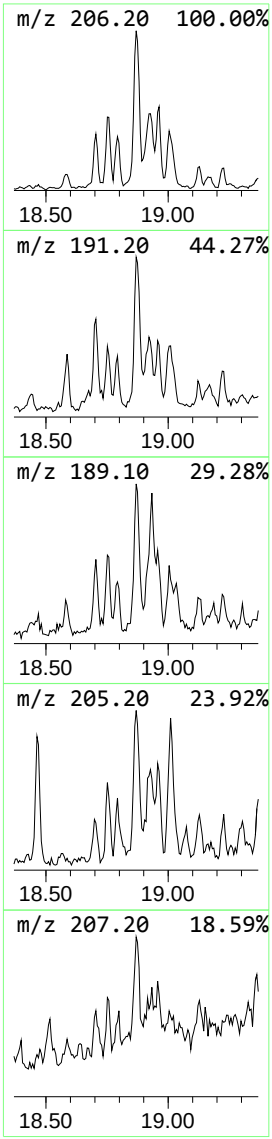
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	3.72 ng	138937	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

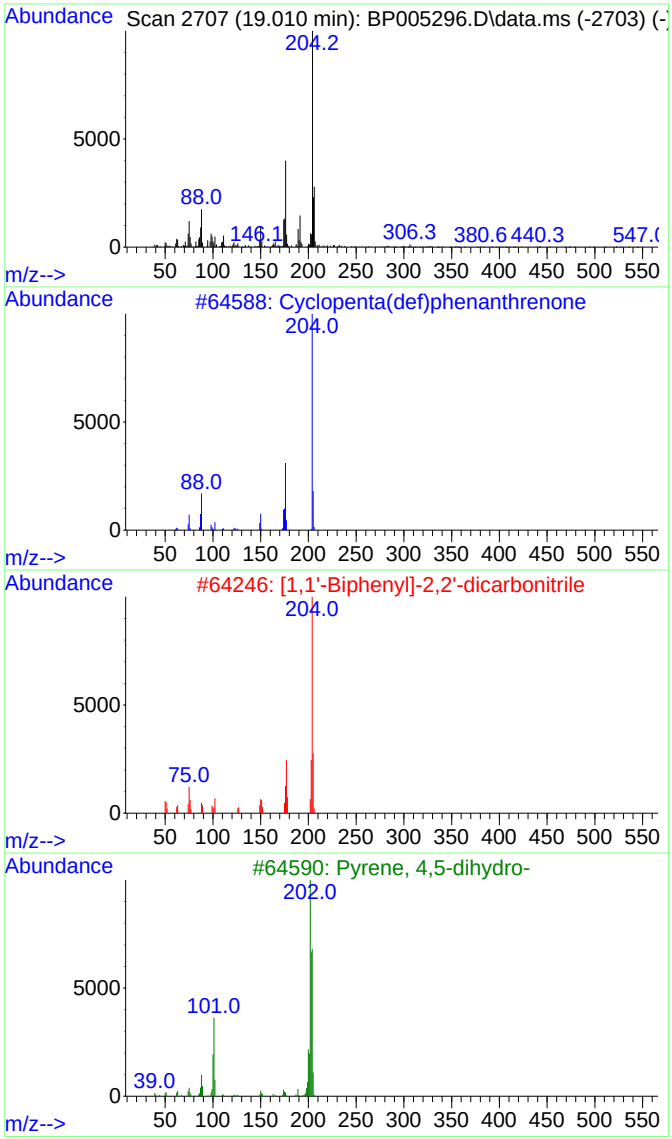
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

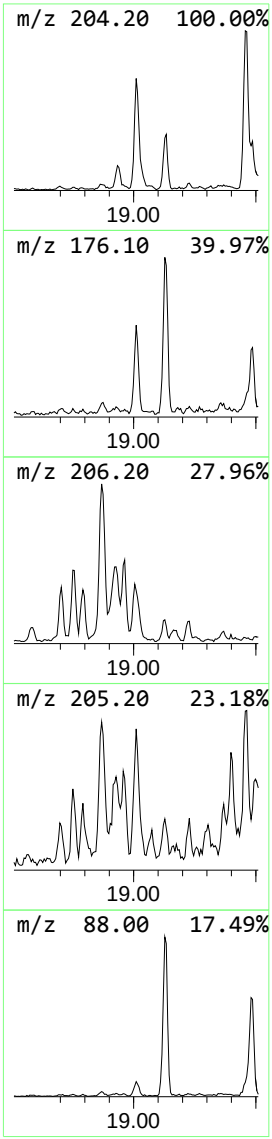
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	4.16 ng	155656	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43





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Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

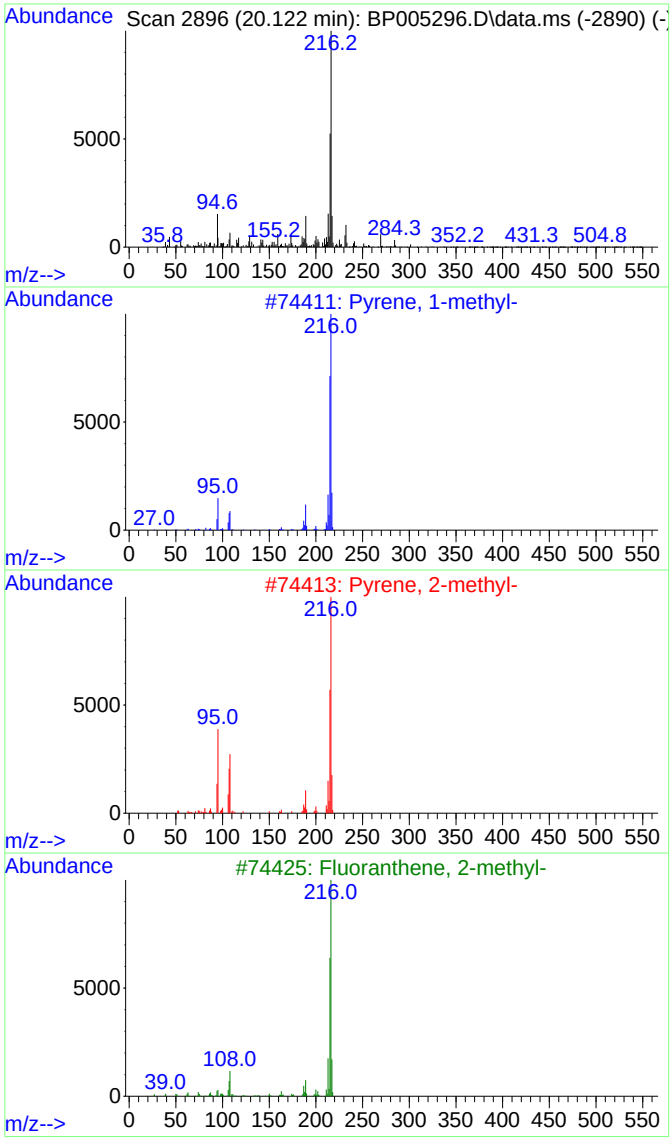
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

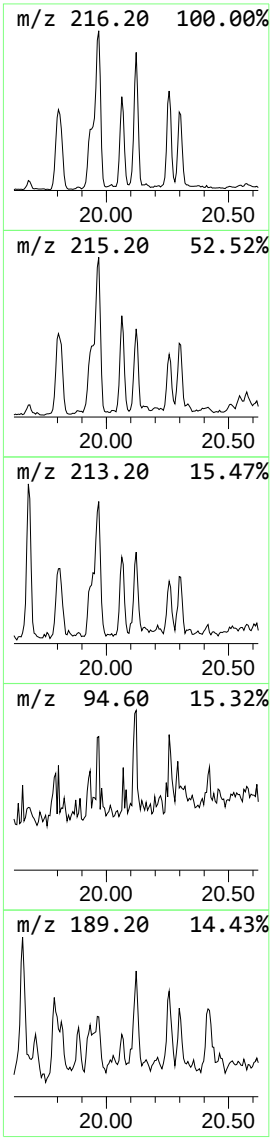
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	2.88 ng	320926	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Sample : M2019-01
Misc :
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Instrument :
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ClientSampleId :
149TH-ST-E1-101

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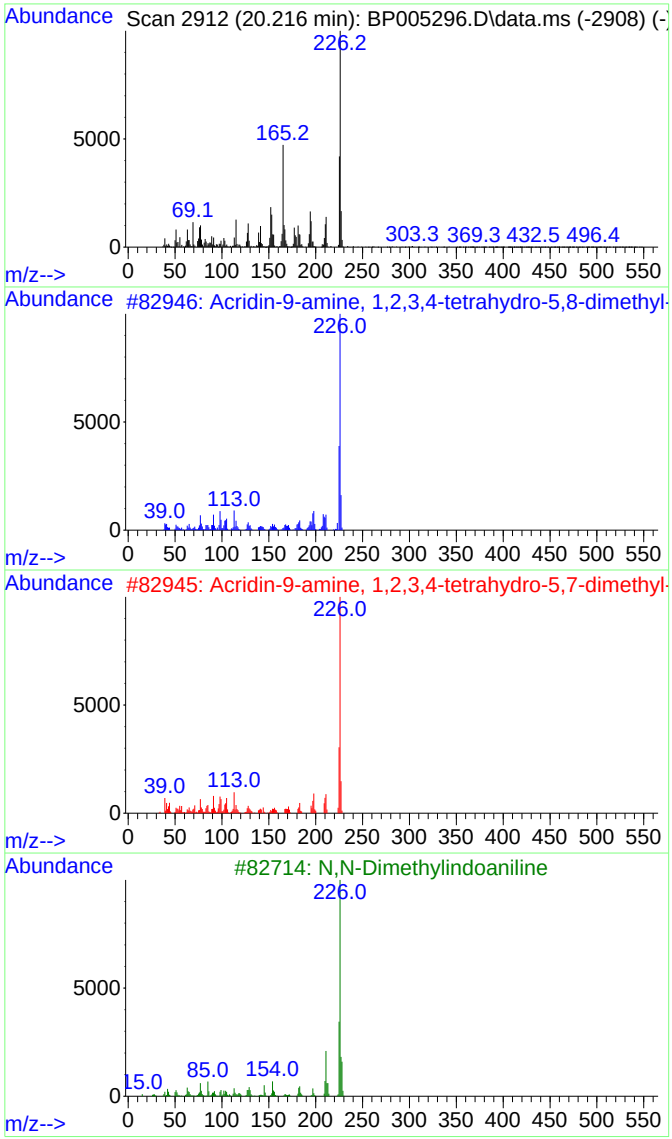
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

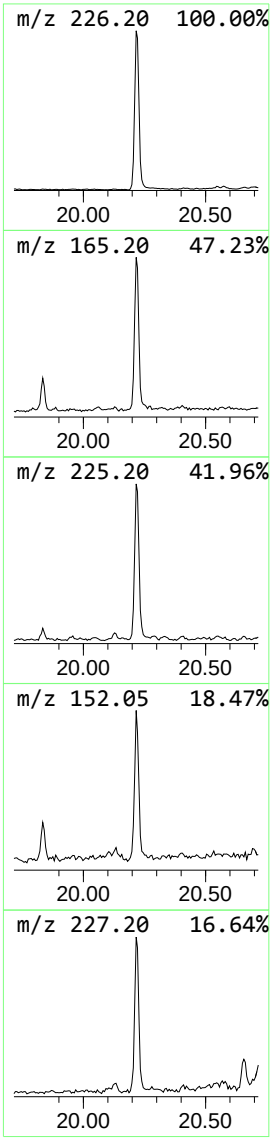
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	6.13 ng	682369	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	46
4	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43
5	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	43





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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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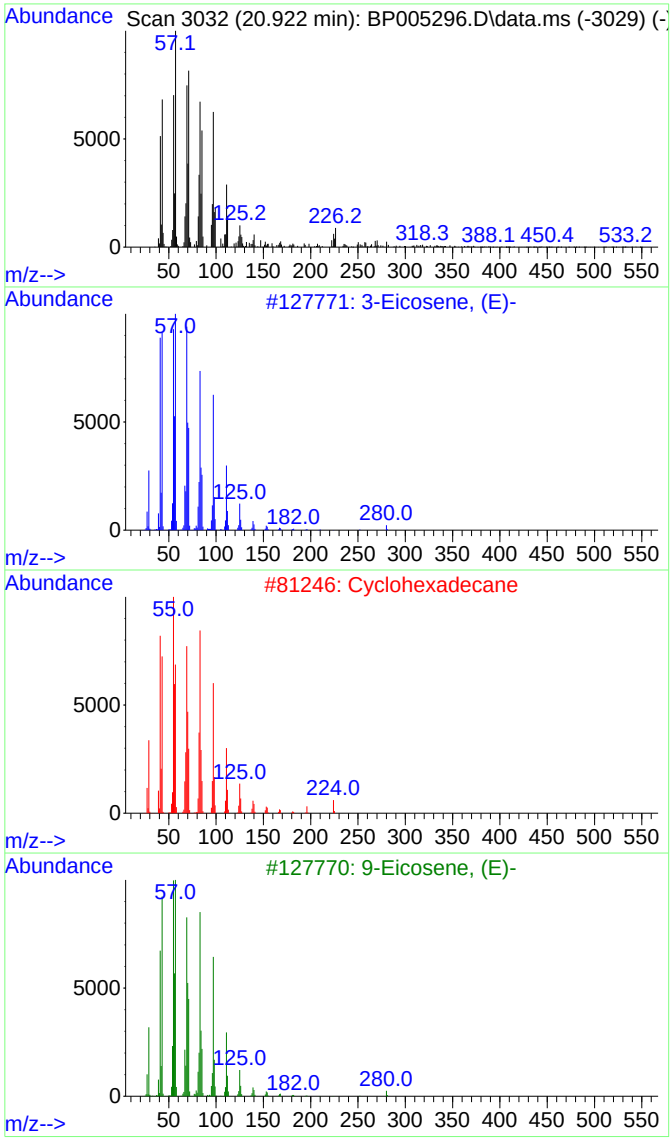
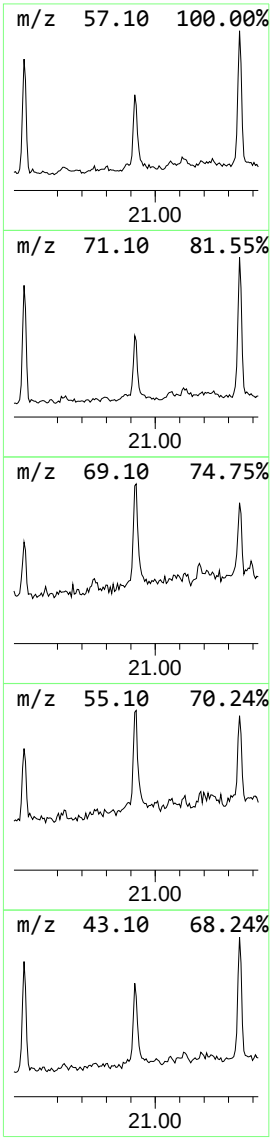
Peak Number 16 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.922	4.56 ng	507536	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	86
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	83





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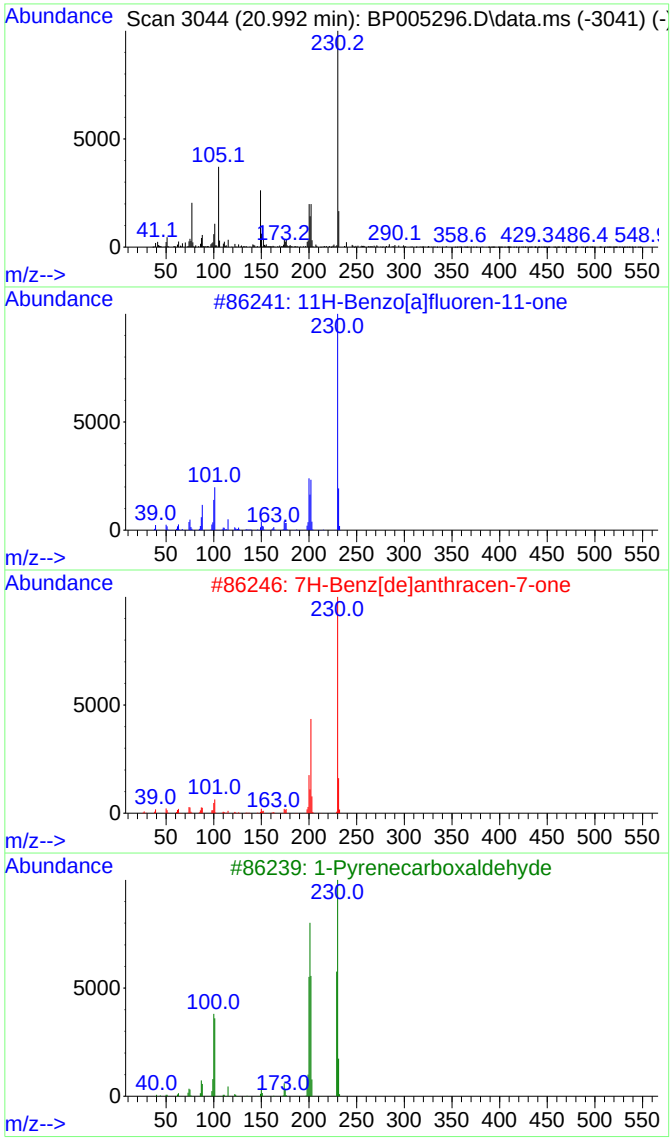
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

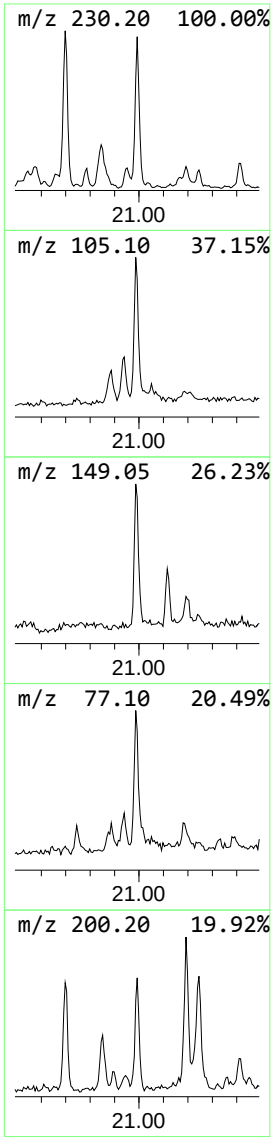
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	3.01 ng	335572	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	52
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	46
5	o-Terphenyl	230	C18H14	000084-15-1	43





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Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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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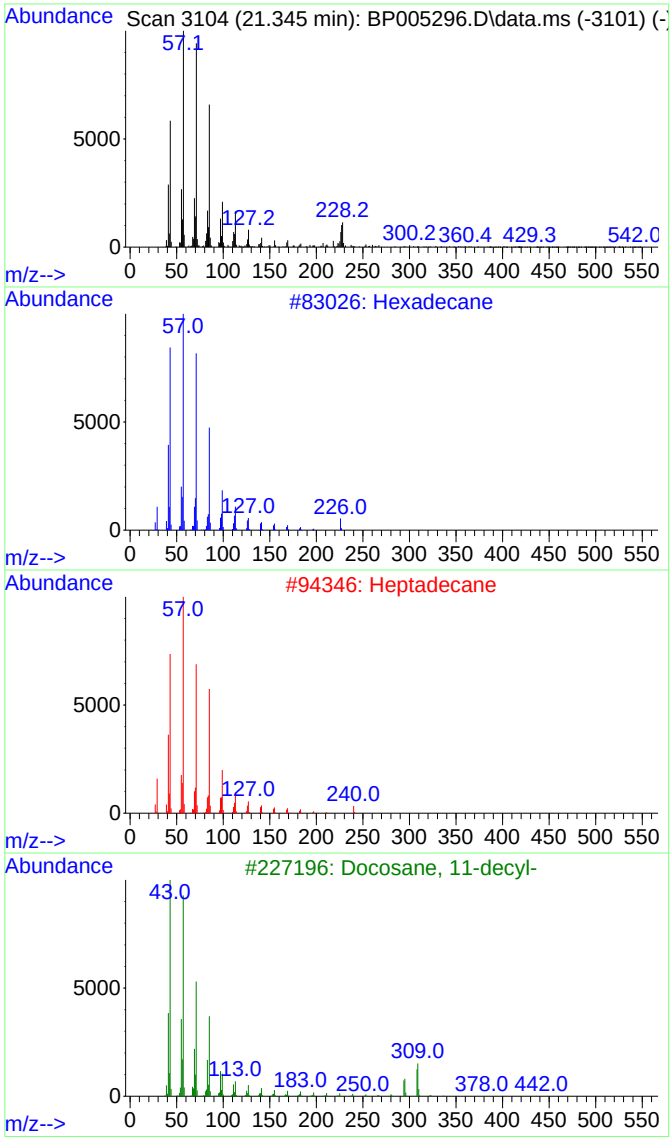
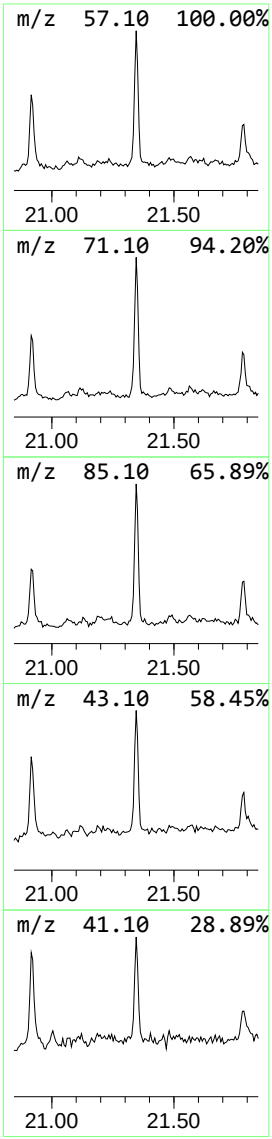
Peak Number 18 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	3.54 ng	393856	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	87
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	81





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Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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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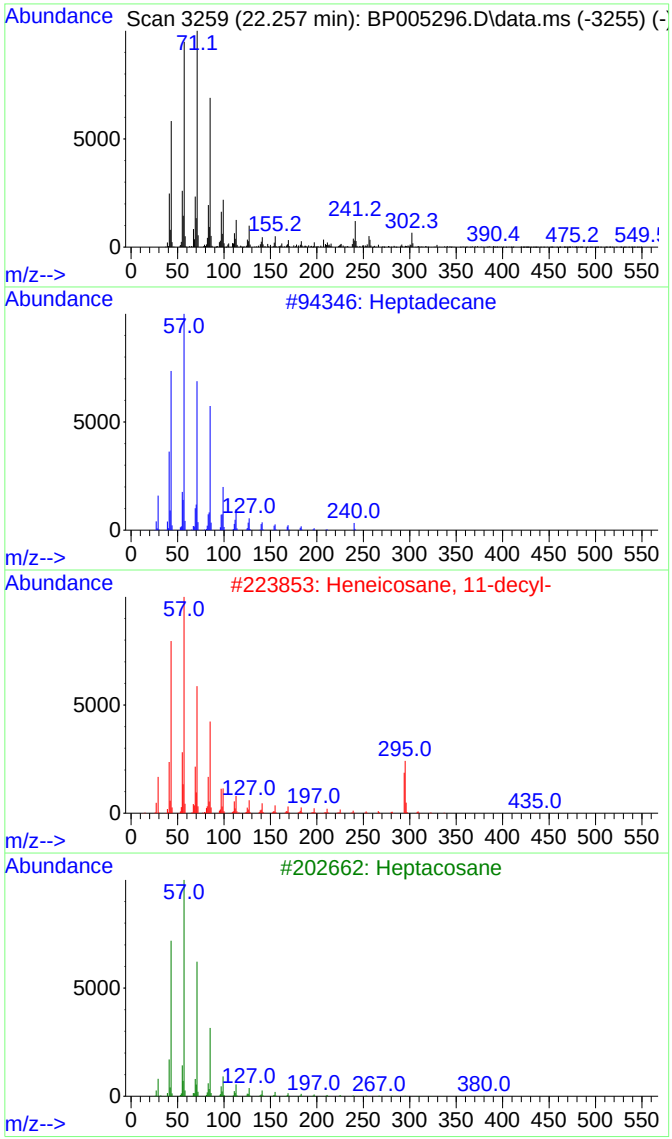
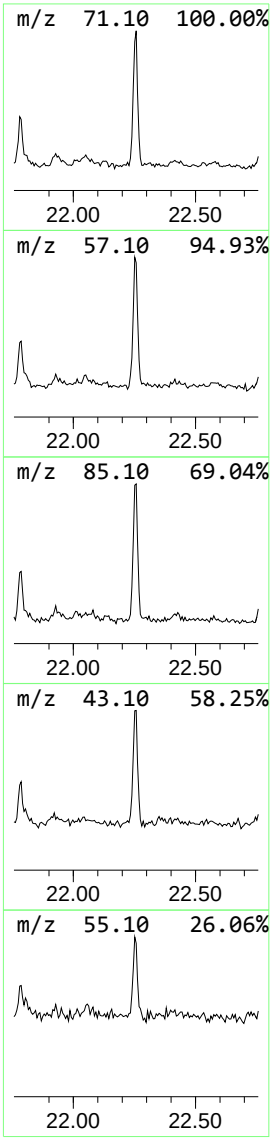
Peak Number 19 Heneicosane, 11-decyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.257	3.36 ng	374036	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Octadecane	254	C18H38	000593-45-3	74
5	2-methyloctacosane	408	C29H60	1000376-72-8	68





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Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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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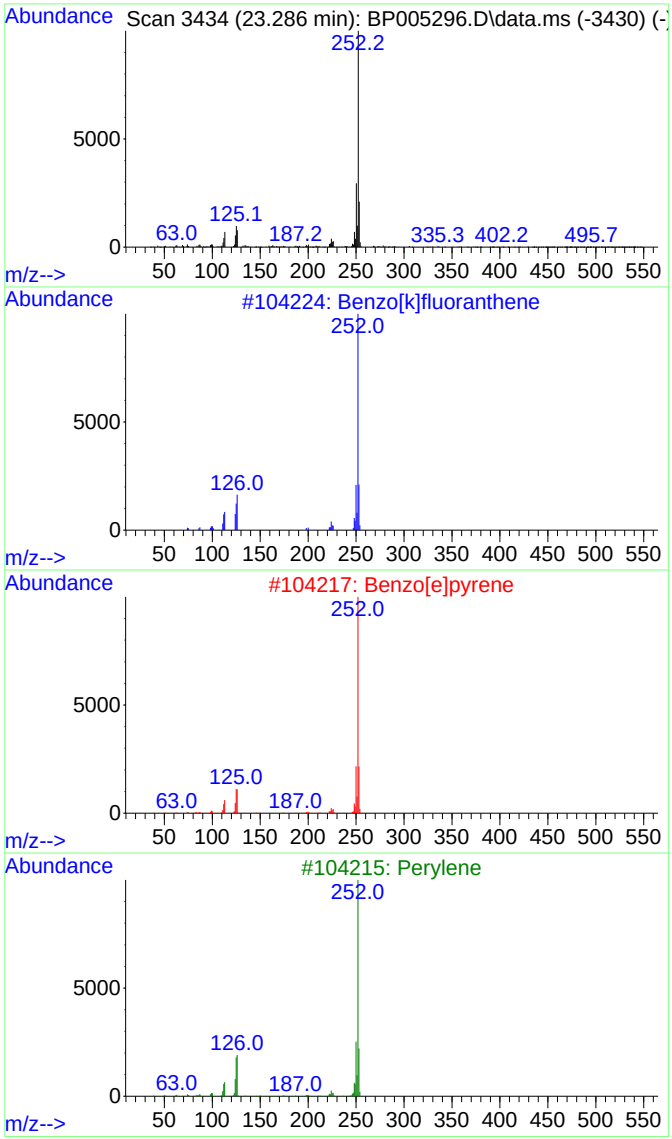
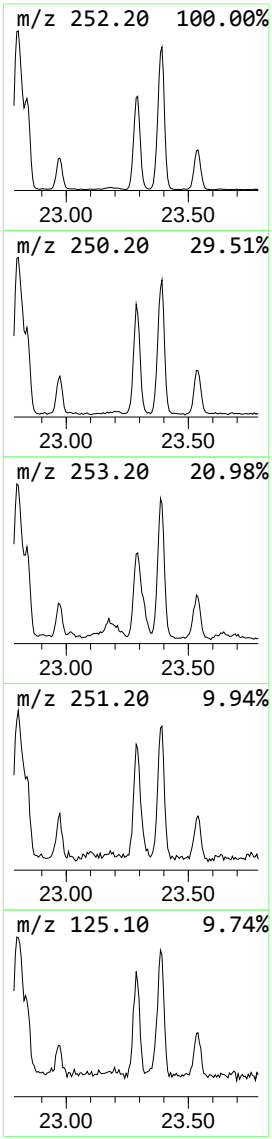
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	22.92 ng	495262	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
Operator : CG/JU
Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 149TH-ST-E1-101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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
Hexadecane	15.198	2.9	ng	93183	3	14.340	636034	20.0
Pentadecane, 7-...	16.863	4.4	ng	165047	4	17.104	747788	20.0
Dibenzothiophene	16.916	3.5	ng	132371	4	17.104	747788	20.0
Phenanthrene, 2...	17.975	5.5	ng	205391	4	17.104	747788	20.0
1H-Cyclopropa[l...	18.022	12.7	ng	473227	4	17.104	747788	20.0
Anthracene, 1-m...	18.104	3.1	ng	116215	4	17.104	747788	20.0
4H-Cyclopenta[d...	18.169	8.7	ng	324910	4	17.104	747788	20.0
Anthracene, 9-m...	18.204	3.2	ng	119423	4	17.104	747788	20.0
2-Bromo dodecane	18.287	7.7	ng	289086	4	17.104	747788	20.0
Naphthalene, 2-...	18.463	3.5	ng	131600	4	17.104	747788	20.0
4b,8-Dimethyl-2...	18.698	5.9	ng	219281	4	17.104	747788	20.0
Phenanthrene, 2...	18.869	3.7	ng	138937	4	17.104	747788	20.0
Cyclopenta(def)...	19.010	4.2	ng	155656	4	17.104	747788	20.0
Pyrene, 1-methyl-	20.122	2.9	ng	320926	5	21.210	2226410	20.0
Acridin-9-amine...	20.216	6.1	ng	682369	5	21.210	2226410	20.0
3-Eicosene, (E)-	20.922	4.6	ng	507536	5	21.210	2226410	20.0
11H-Benzo[a]flu...	20.992	3.0	ng	335572	5	21.210	2226410	20.0
Heptadecane	21.345	3.5	ng	393856	5	21.210	2226410	20.0
Heneicosane, 11...	22.257	3.4	ng	374036	5	21.210	2226410	20.0
Benzo[e]pyrene	23.286	22.9	ng	495262	6	23.486	432083	20.0