LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-1-062421

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.134	1023	1028	1037	rVB	1494637	2375694	8.21%	0.363%
2	10.687	1284	1292	1300	rBV2	5213969	9000206	31.10%	1.375%
3	10.869	1319	1323	1328	rVB	1608309	2274868	7.86%	0.348%
4	11.199	1372	1379	1384	rVB3	671238	1610695	5.57%	0.246%
5	11.410	1411	1415	1423	rVB6	1000892	2246045	7.76%	0.343%
6	11.552	1433	1439	1445	rBV4	1215047	2265716	7.83%	0.346%
7	11.628	1446	1452	1459	rVB2	2032984	3702714	12.79%	0.566%
8	11.740	1465	1471	1480	rBV3	3274896	7011217	24.22%	1.071%
9	11.822	1481	1485	1490	rVB2	923149	1648327	5.70%	0.252%
10	11.904	1494	1499	1506	rVB2	1596104	2881745	9.96%	0.440%
11	11.999	1506	1515	1519	rBV6	737889	1911769	6.61%	0.292%
12	12.146	1533	1540	1545	rBV	7598152	12725230	43.97%	1.945%
13	12.375	1569	1579	1586	rVB3	3774726	9167323	31.67%	1.401%
14	12.593	1609	1616	1620	rBV	3075578	6616878	22.86%	1.011%
15	12.628	1620	1622	1626	rVV2	1898765	2428868	8.39%	0.371%
16	12.763	1641	1645	1649	rBV2	1315190	1770602	6.12%	0.271%
17	12.810	1649	1653	1661	rBV5	1353344	2839054	9.81%	0.434%
18	12.875	1661	1664	1667	rBV2	1274211	1914166	6.61%	0.293%
19	12.946	1672	1676	1680	rBV2	1737011	2721794	9.40%	0.416%
20	13.034	1687	1691	1696	rBV4	1959336	4059717	14.03%	0.620%
21	13.093	1696	1701	1705	rVB3	5256474	7871240	27.20%	1.203%
22	13.328	1737	1741	1744	rBV	1927283	2887112	9.98%	0.441%
23	13.399	1746	1753	1758	rVB2	10246992	19132895	66.10%	2.924%
24	13.493	1762	1769	1774	rVB4	2097604	4944301	17.08%	0.756%
25	13.546	1774	1778	1781	rBV3	1500924	2281547	7.88%	0.349%
26	13.581	1781	1784	1787	rBV	1907775	2361979	8.16%	0.361%
27	13.722	1800	1808	1809	rBV2	5851045	9801938	33.87%	1.498%
28	13.887	1829	1836	1841	rBV	7453162	15102939	52.18%	2.308%
29	13.940	1841	1845	1849	rVB	6449621	9348898	32.30%	1.429%
30	13.981	1849	1852	1854	rBV	1911380	2166063	7.48%	0.331%
31	14.040	1854	1862	1865	rVV2	6130129	10401621	35.94%	1.590%
32	14.075	1865	1868	1871	rVV2	3228639	3849342	13.30%	0.588%
33	14.116	1871	1875	1878	rVV	2917657	4582918	15.83%	0.700%
34	14.151	1878	1881	1885	rVB2	3460966	4618723	15.96%	0.706%
35	14.198	1885	1889	1894	rBV6	1169583	2030445	7.02%	0.310%
36	14.281	1899	1903	1907	rBV	2155082	3216081	11.11%	0.491%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-1-062421

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.381	1916	1920	1926	rVB4	2772613	5059964	17.48%	0.773%
38	14.469	1927	1935	1938	rBV	12622513	24290777	83.93%	3.712%
39	14.522	1938	1944	1953	rBV6	4323080	10318590	35.65%	1.577%
40	14.769	1980	1986	1993	rVB	5042085	12567937	43.42%	1.921%
41	14.845	1996	1999	2002	rBV3	1399914	1858816	6.42%	0.284%
42	14.957	2013	2018	2023	rVB2	7475168	12200548	42.15%	1.864%
43	15.010	2023	2027	2028	rBV2	1981399	2369769	8.19%	0.362%
44	15.040	2028	2032	2034	rVV	5907192	8305325	28.70%	1.269%
45	15.069	2034	2037	2045	rVB5	4430649	8016184	27.70%	1.225%
46	15.175	2051	2055	2059	rBV	4608010	7661099	26.47%	1.171%
47	15.228	2061	2064	2069	rVB	4536159	5734719	19.81%	0.876%
48	15.345	2078	2084	2087	rBV2	3048207	5680676	19.63%	0.868%
49	15.422	2087	2097	2100	rVB2	11574029	24081296	83.20%	3.680%
50	15.593	2122	2126	2130	rBV2	3224249	4649919	16.07%	0.711%
51	15.640	2130	2134	2139	rBV4	2751136	5501345	19.01%	0.841%
52	15.775	2152	2157	2158	rBV3	2529835	3912281	13.52%	0.598%
53	15.816	2159	2164	2168	rVB	8216592	13357900	46.15%	2.041%
54	15.957	2185	2188	2194	rBV4	2905978	5875263	20.30%	0.898%
55	16.022	2195	2199	2202	rVV2	4196097	6184899	21.37%	0.945%
56	16.051	2202	2204	2210	rVB3	2498788	3181770	10.99%	0.486%
57	16.116	2211	2215	2218	rBV3	1893164	2939305	10.16%	0.449%
58	16.192	2225	2228	2231	rBV2	1141471	1820375	6.29%	0.278%
59	16.281	2236	2243	2246	rBV2	12937977	28943207	100.00%	4.423%
60	16.416	2262	2266	2270	rVB2	2083441	3240417	11.20%	0.495%
61	16.669	2305	2309	2313	rVB2	5022813	7141809	24.68%	1.091%
62	16.716	2314	2317	2323	rVV5	1697826	3196859	11.05%	0.489%
63	16.963	2356	2359	2364	rVB4	1994481	2682927	9.27%	0.410%
64	17.075	2371	2378	2381	rVV	10970971	19864410	68.63%	3.036%
65	17.122	2381	2386	2395	rVB3	9087723	17536764	60.59%	2.680%
66	17.304	2413	2417	2420	rBV3	1711176	2843832	9.83%	0.435%
67	17.351	2421	2425	2431	rVV	4506916	7853497	27.13%	1.200%
68	17.598	2462	2467	2470	rBV4	2419112	4497623	15.54%	0.687%
69	17.716	2483	2487	2491	rBV3	3649852	5862205	20.25%	0.896%
70	17.810	2497	2503	2507	rVB	11478036	20107088	69.47%	3.073%
71	18.069	2544	2547	2550	rBV2	1412614	2011066	6.95%	0.307%
72	18.175	2561	2565	2569	rBV	5654707	8396010	29.01%	1.283%
73	18.222	2569	2573	2578	rVB	8212768	12380324	42.77%	1.892%
74	18.351	2592	2595	2600	rVV2	3525782	4807930	16.61%	0.735%
75	18.398	2600	2603	2609	rVB	3052125	4296404	14.84%	0.657%
76	18.475	2610	2616	2619	rBV	11076604	16829017	58.14%	2.572%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-1-062421

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.551	2626	2629	2637	rVB5	2134041	3378631	11.67%	0.516%
78	18.651	2642	2646	2650	rBV3	1708664	3332961	11.52%	0.509%
79	18.851	2677	2680	2683	rBV2	1666250	2709007	9.36%	0.414%
80	18.892	2683	2687	2692	rVV2	3987423	7544794	26.07%	1.153%
81	18.939	2692	2695	2698	rVV	3780694	4924808	17.02%	0.753%
82	18.975	2699	2701	2705	rVB	2277524	2436034	8.42%	0.372%
83	19.069	2710	2717	2721	rBV2	11882000	22783609	78.72%	3.482%
84	19.110	2721	2724	2727	rVV2	2248170	3370195	11.64%	0.515%
85	19.145	2727	2730	2733	rVB	2519490	2795076	9.66%	0.427%
86	19.186	2734	2737	2742	rBV	2304563	3316066	11.46%	0.507%
87	19.575	2800	2803	2807	rVV2	1943000	2939099	10.15%	0.449%
88	19.628	2807	2812	2815	rVV	8523800	10547534	36.44%	1.612%
89	19.675	2815	2820	2825	rVV2	3318021	6101272	21.08%	0.932%
90	19.733	2826	2830	2835	rVB	4421111	6857197	23.69%	1.048%
91	19.845	2846	2849	2852	rVB	4707705	5080724	17.55%	0.776%
92	20.133	2894	2898	2902	rVB	7013048	8269495	28.57%	1.264%
93	20.428	2945	2948	2952	rBV2	1587548	2186670	7.56%	0.334%
94	20.469	2952	2955	2958	rBV	1365552	1862144	6.43%	0.285%
95	20.616	2976	2980	2987	rVB	4944669	6612944	22.85%	1.011%
96	20.863	3019	3022	3026	rVB	1178800	1457391	5.04%	0.223%
97	21.028	3048	3050	3053	rVV2	1334056	1843987	6.37%	0.282%
98	21.063	3053	3056	3060	rVB	4061959	4302328	14.86%	0.657%
99	21.498	3127	3130	3134	rVB	2665918	3074702	10.62%	0.470%
100	21.951	3203	3207	3211	rVB2	1879277	2823952	9.76%	0.432%

Sum of corrected areas: 654381436

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
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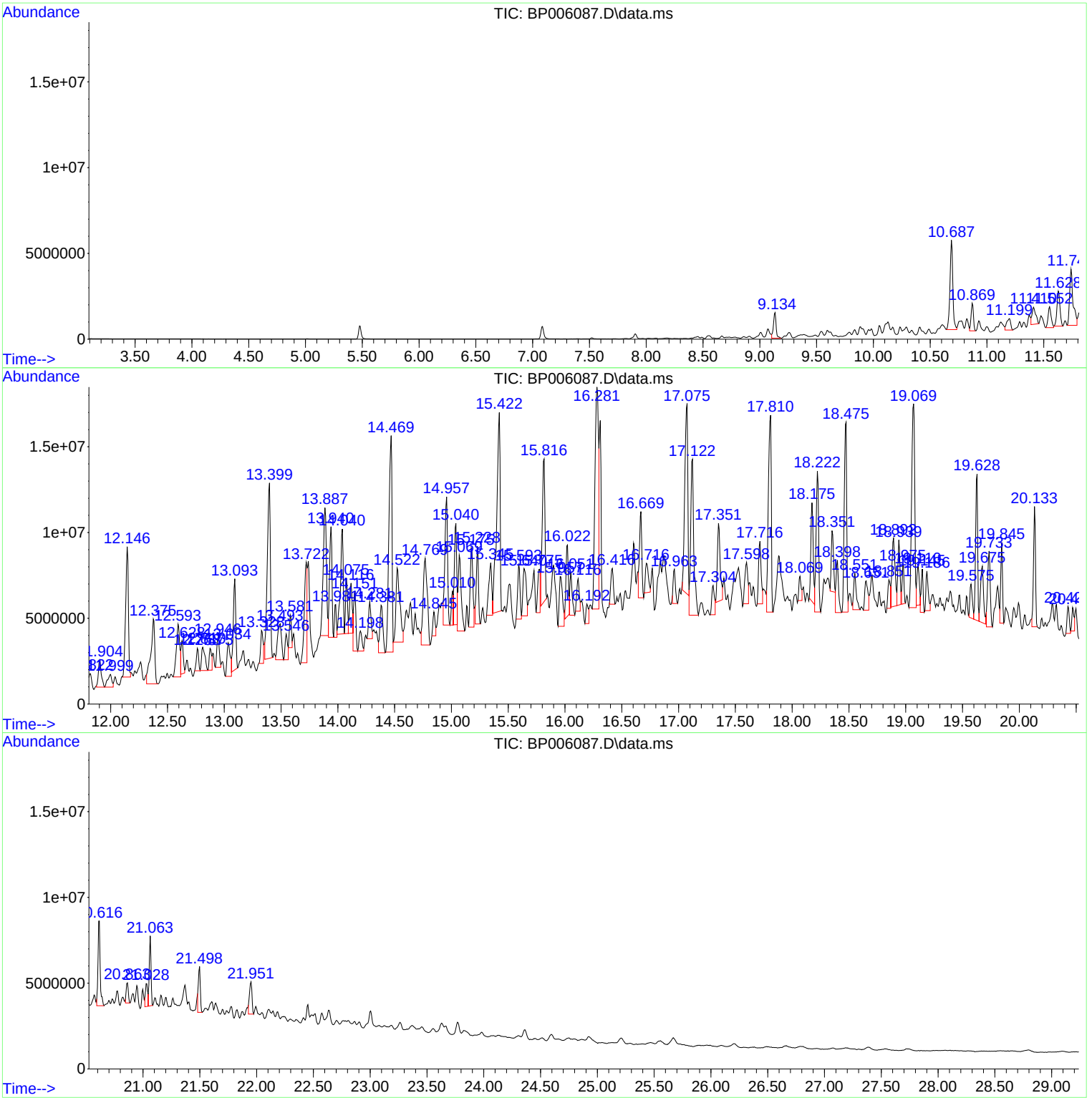
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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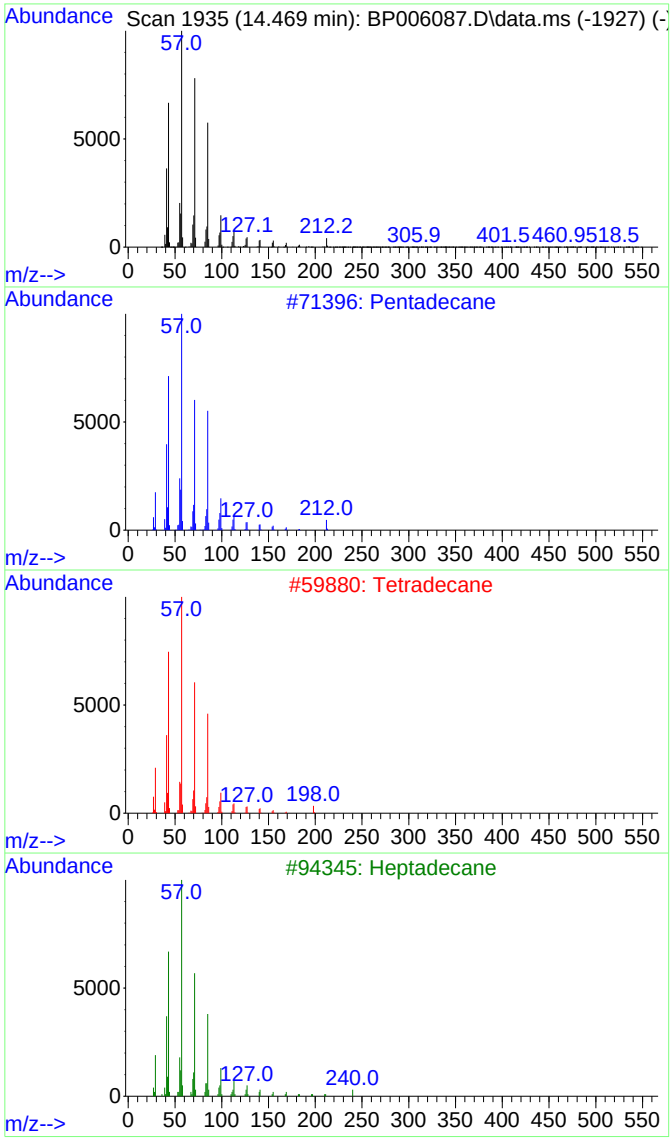
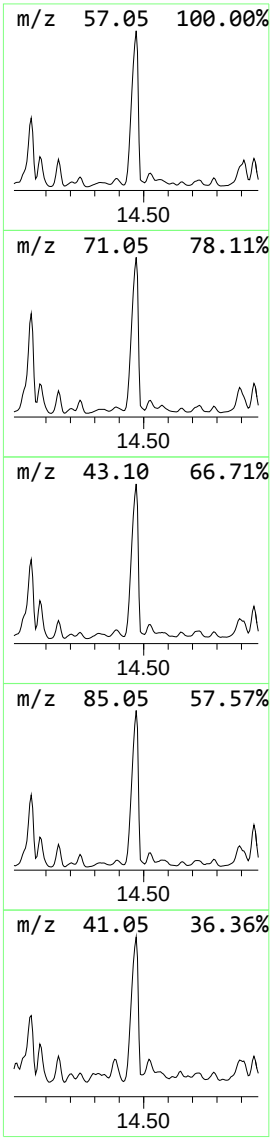
Peak Number 1 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	47.08 ng	24290800	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetracosane	338	C24H50	000646-31-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
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PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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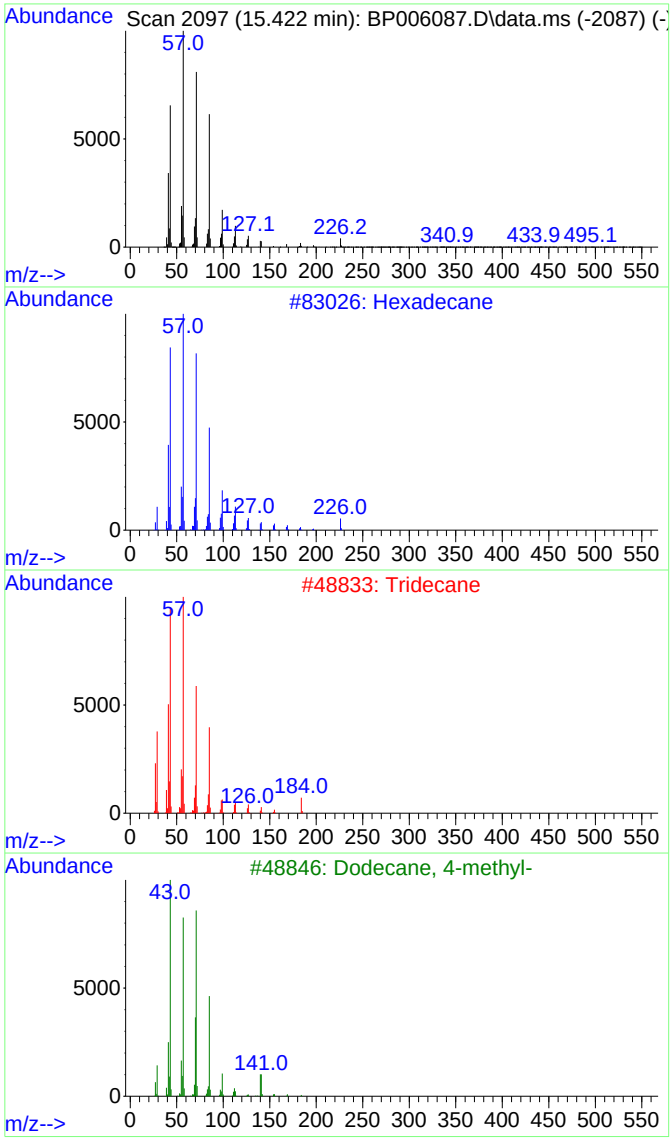
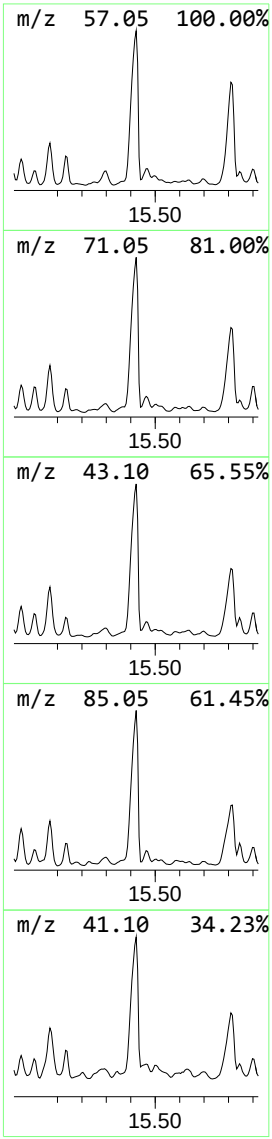
Peak Number 2 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	46.68 ng	24081300	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	98
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
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Instrument : BNA_P
ClientSampleId : PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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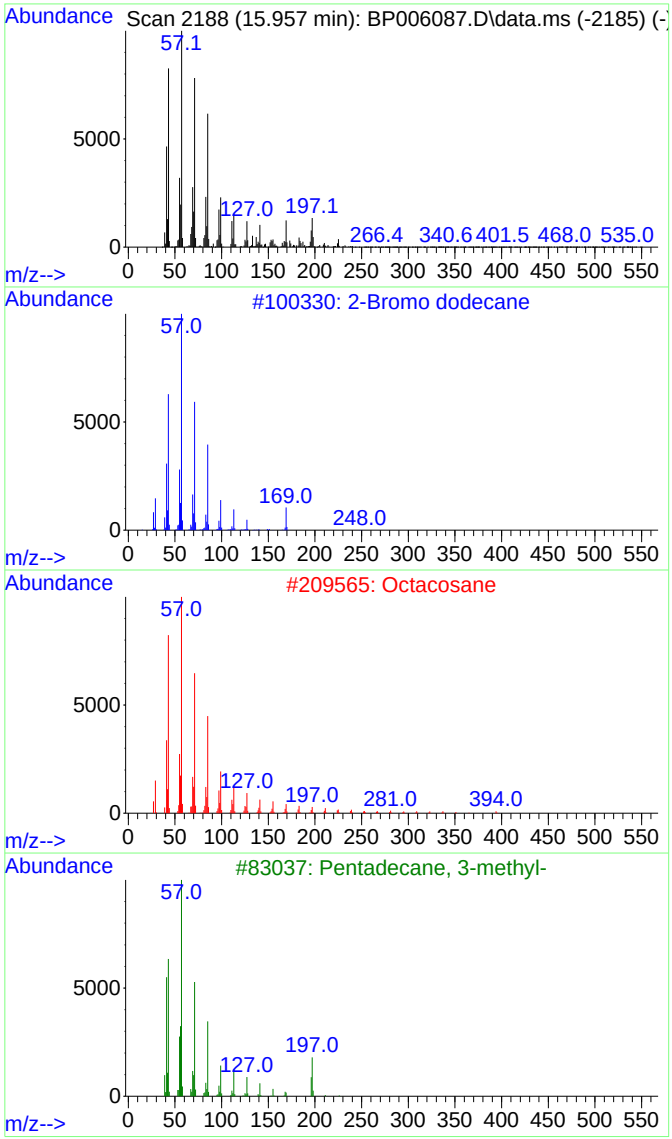
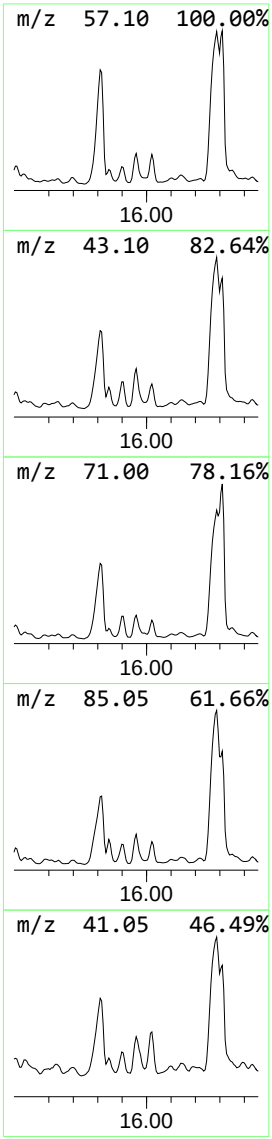
Peak Number 3 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	41.32 ng	5875260	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	83





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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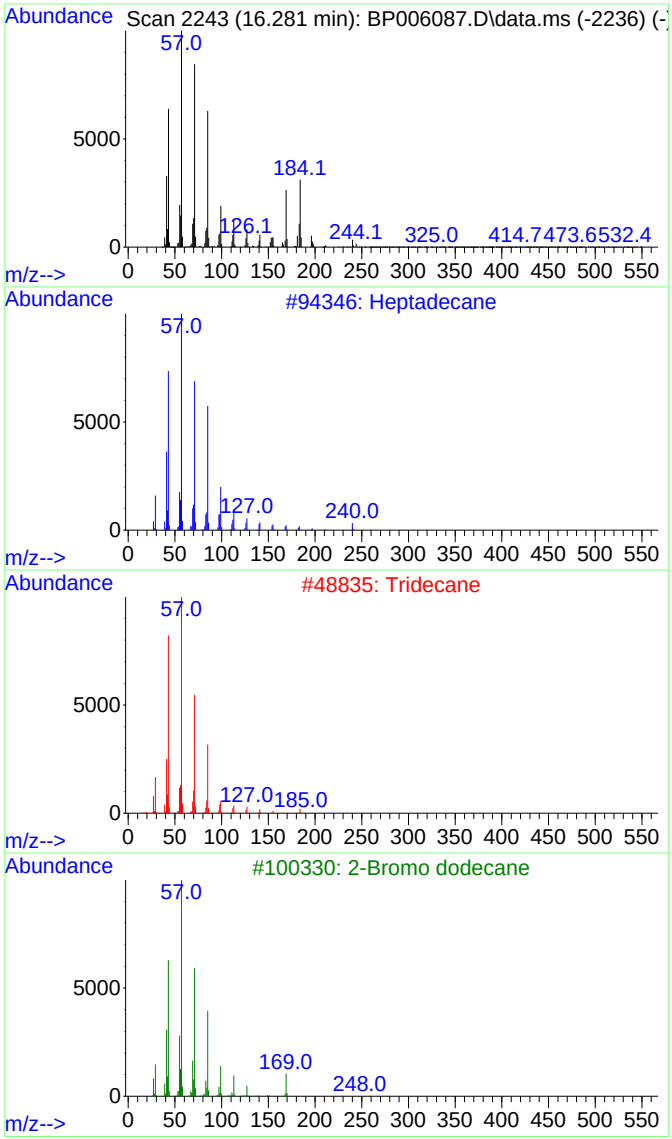
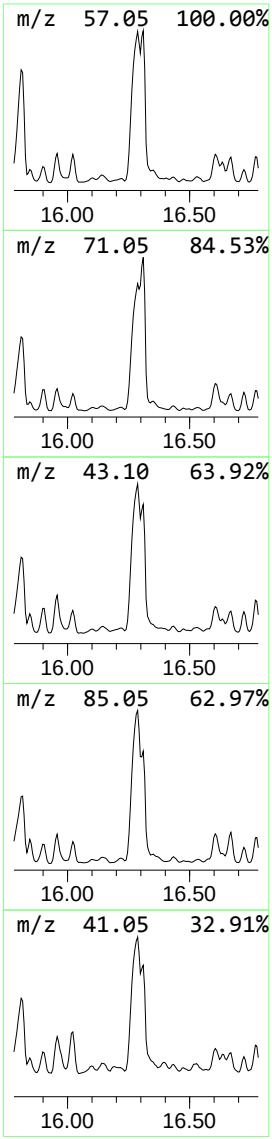
Peak Number 4 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	203.55 ng	28943200	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tridecane	184	C13H28	000629-50-5	81
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4	Hexadecane	226	C16H34	000544-76-3	62
5	Octadecane	254	C18H38	000593-45-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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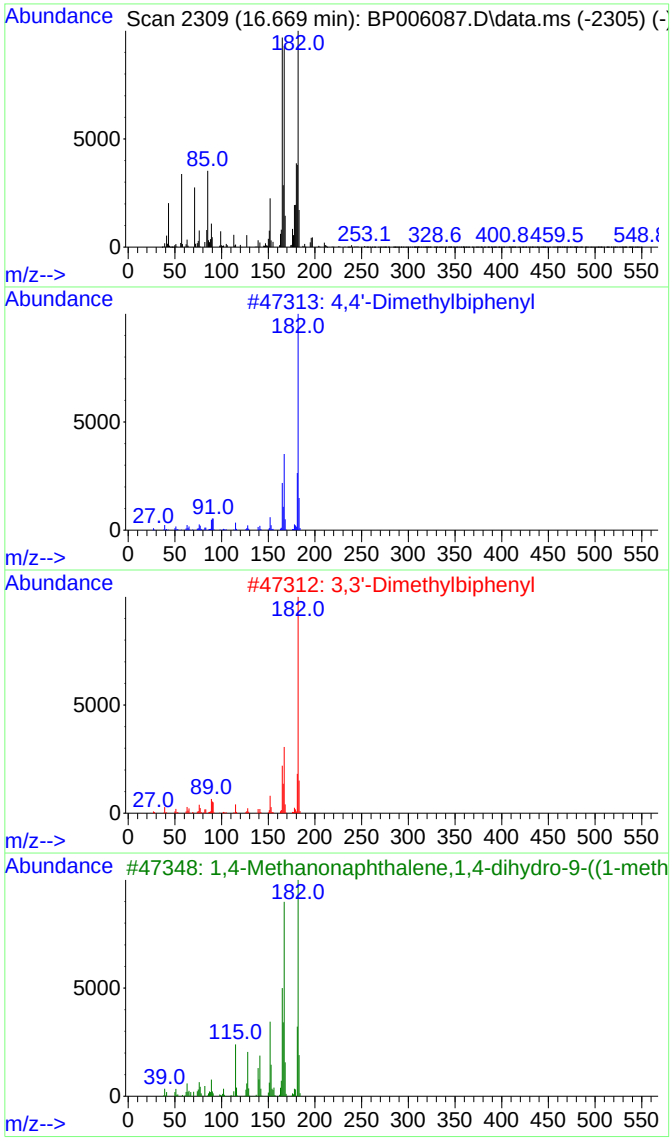
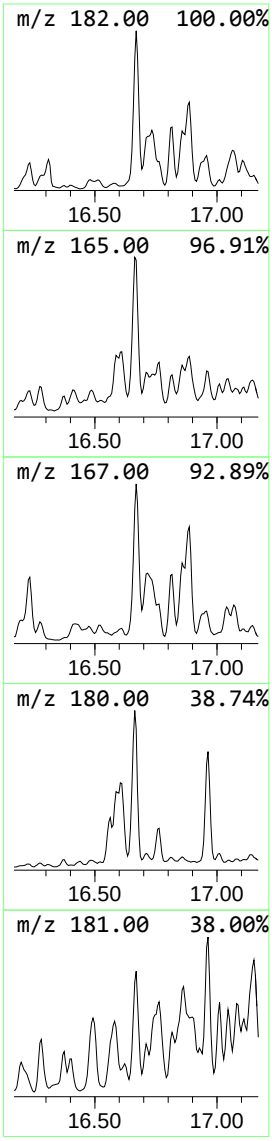
Peak Number 5 4,4'-Dimethylbiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	50.23 ng	7141810	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	53
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	52





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

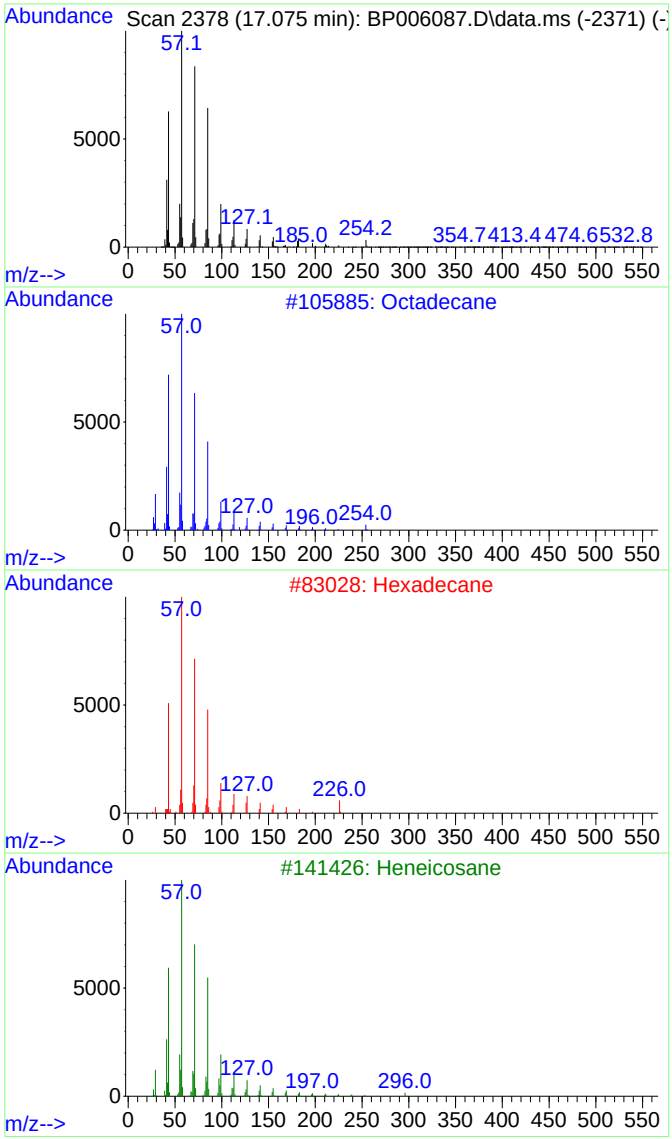
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

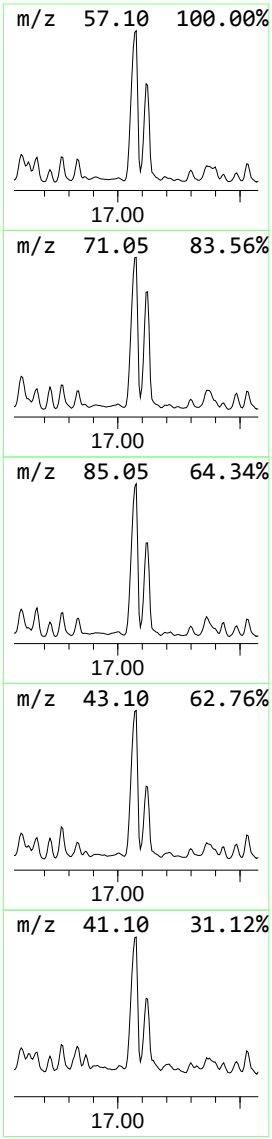
****

Peak Number 6 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.075	139.70 ng	19864400	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

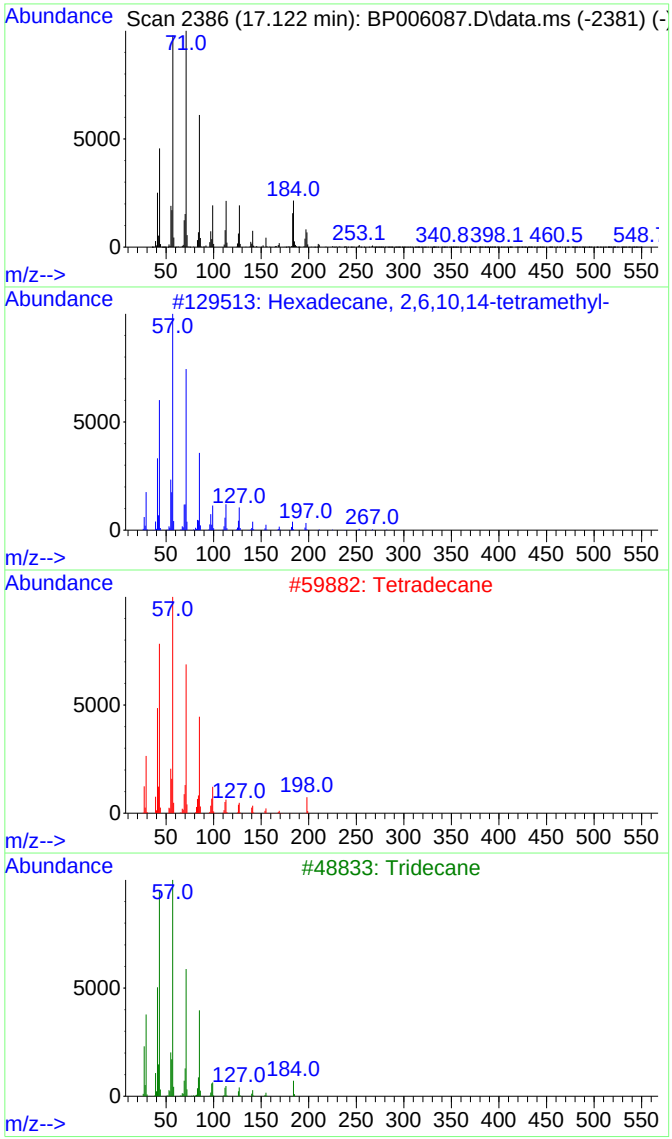
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

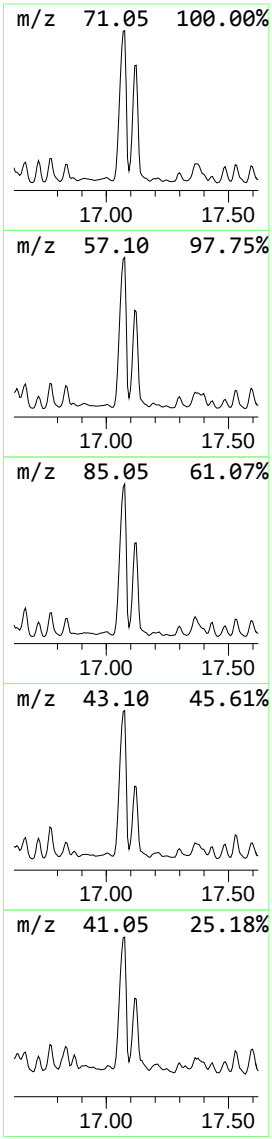
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.122	123.33 ng	17536800	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Tetradecane	198	C14H30	000629-59-4	76
3	Tridecane	184	C13H28	000629-50-5	68
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	64
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	59





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Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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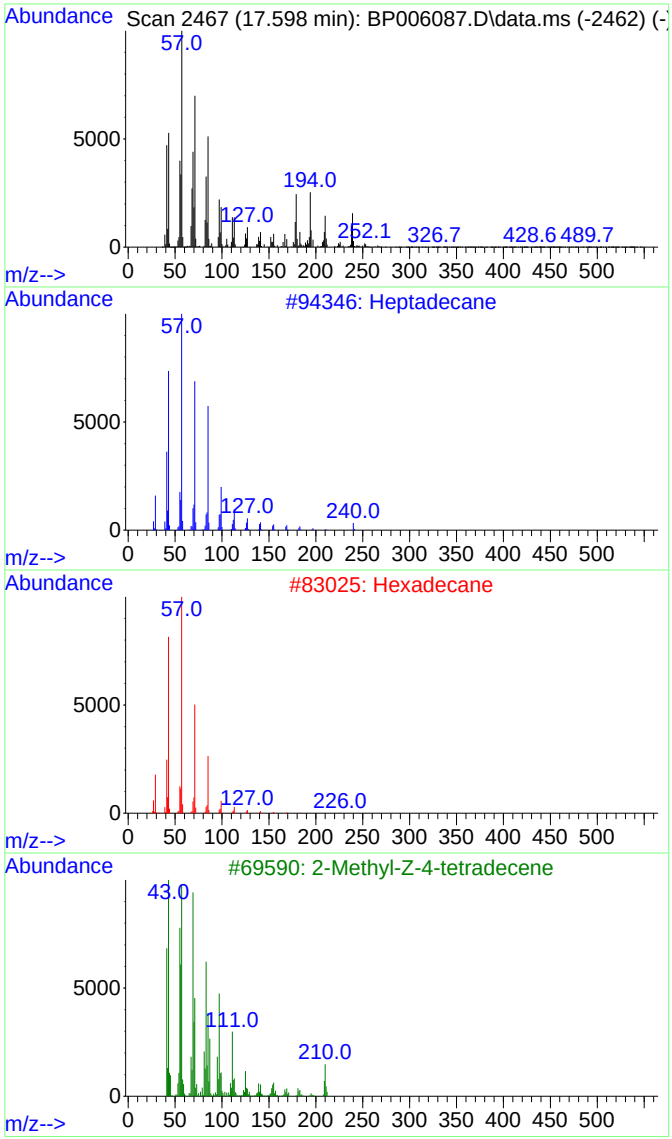
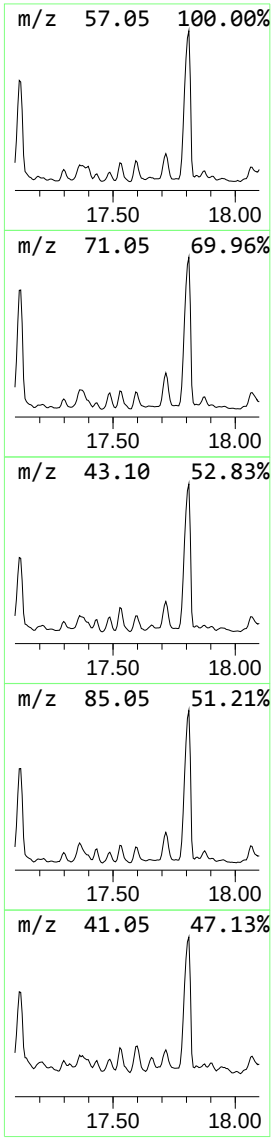
Peak Number 8 2-Methyl-Z-4-tetradecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.598	31.63 ng	4497620	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	89
3	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	60
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	56
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	53





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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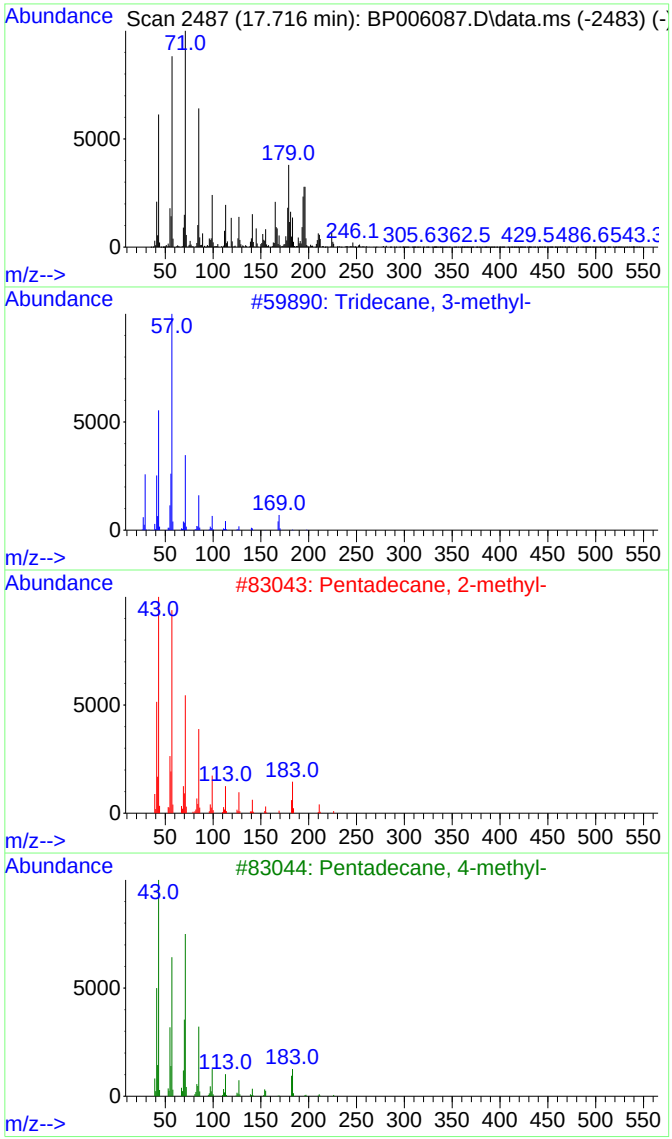
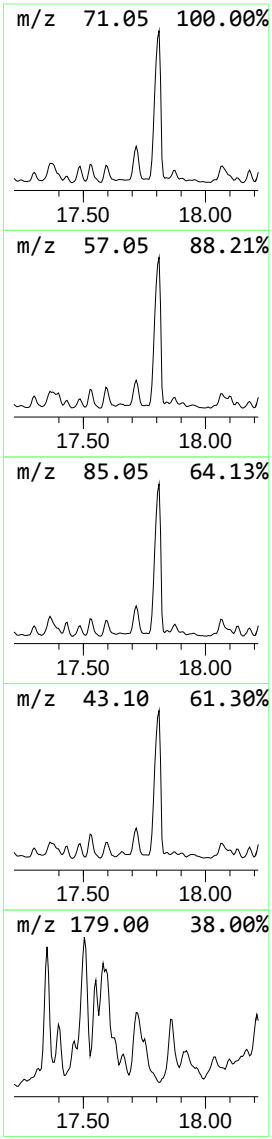
Peak Number 9 Tridecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	41.23 ng	5862210	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	53
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	53
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	52
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	49





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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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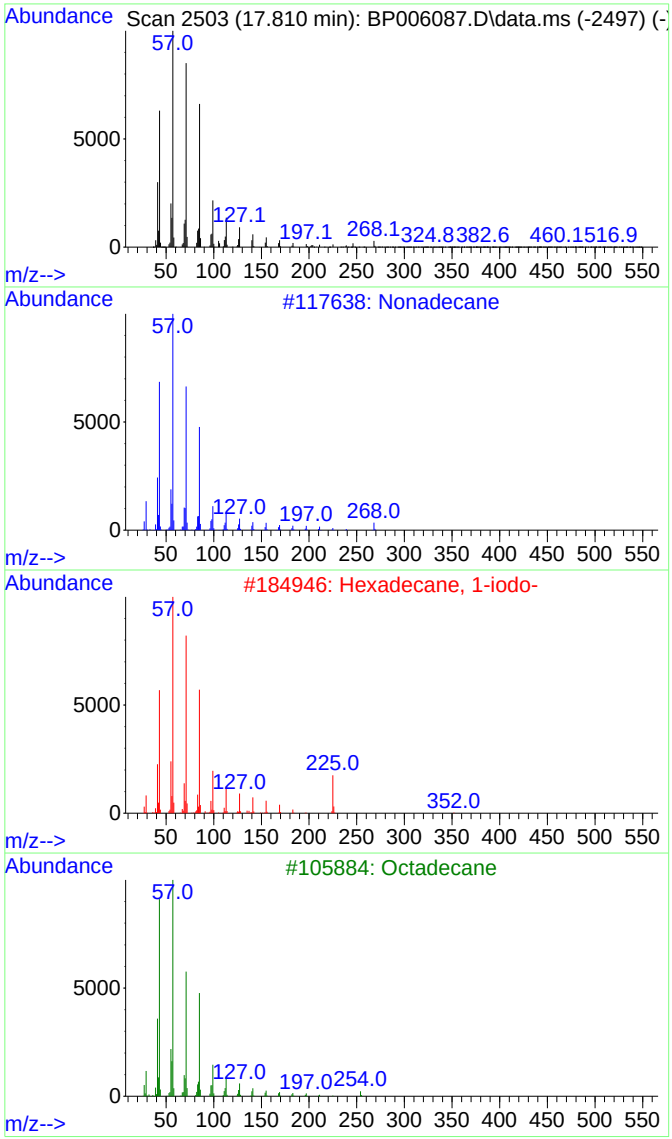
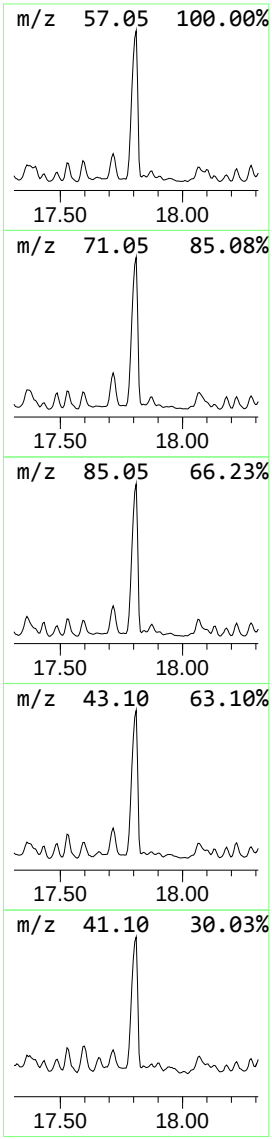
Peak Number 10 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	141.41 ng	20107100	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	86





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Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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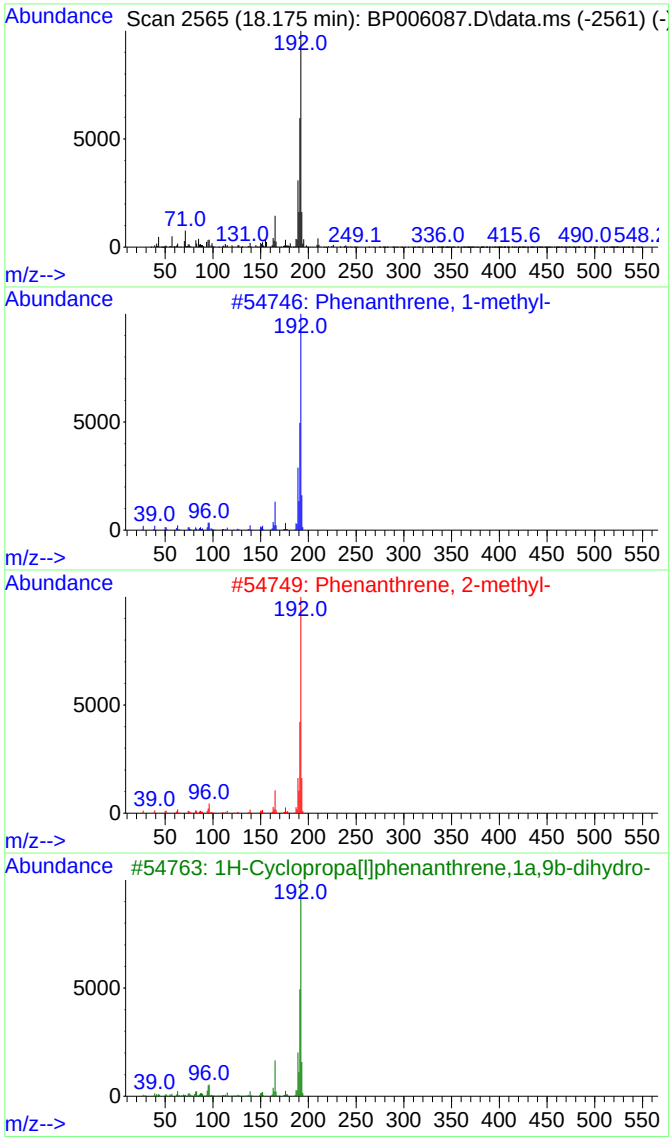
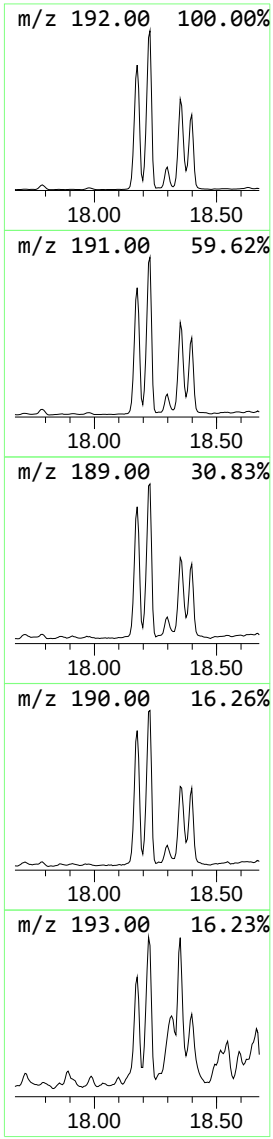
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	59.05 ng	8396010	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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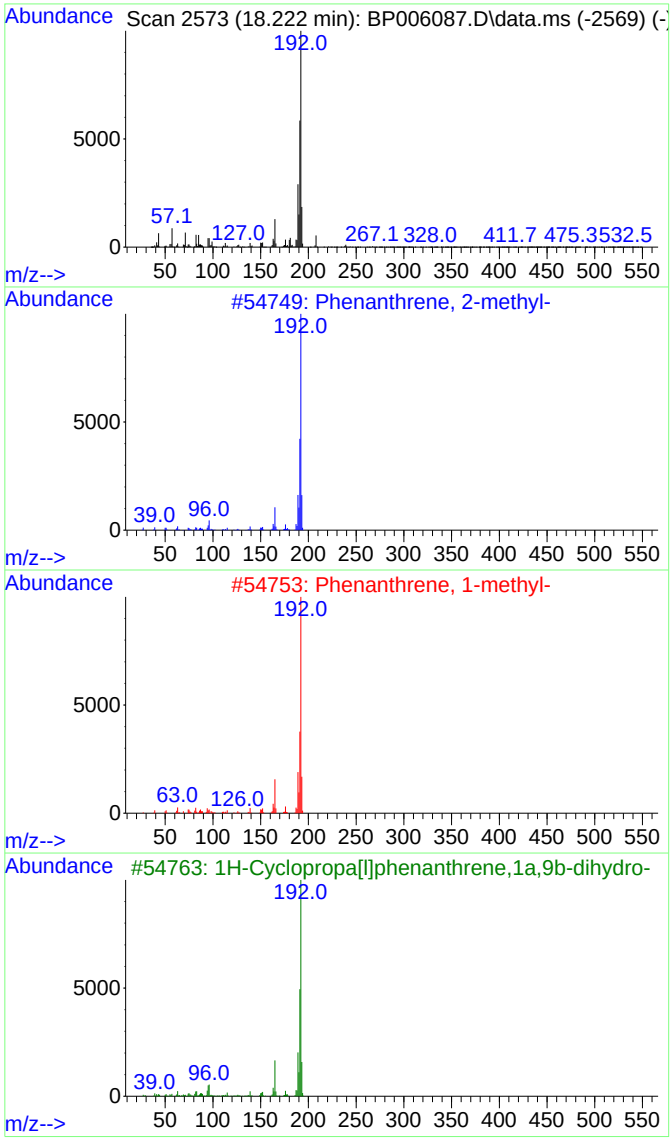
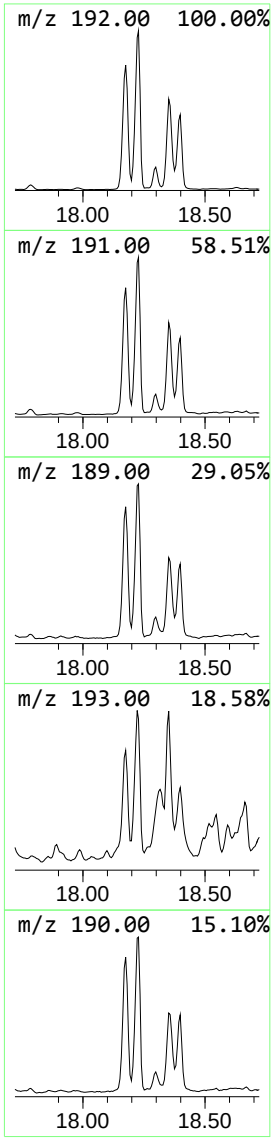
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	87.07 ng	12380300	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

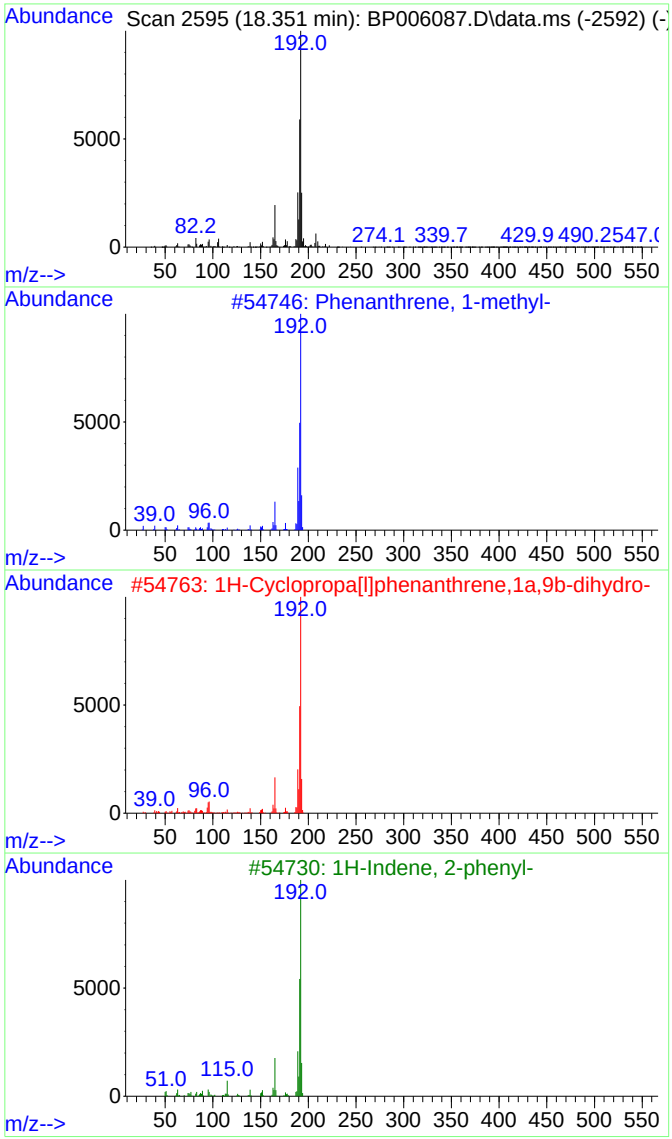
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

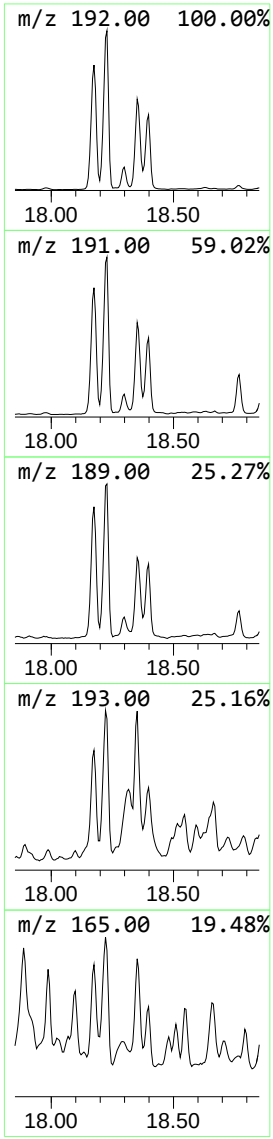
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	33.81 ng	4807930	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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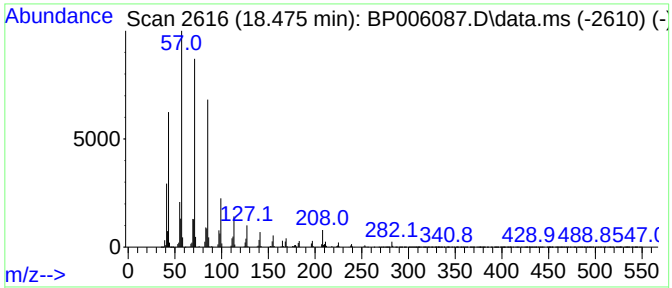
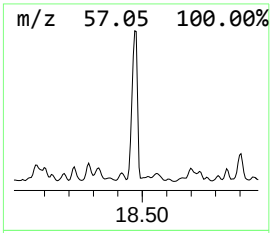
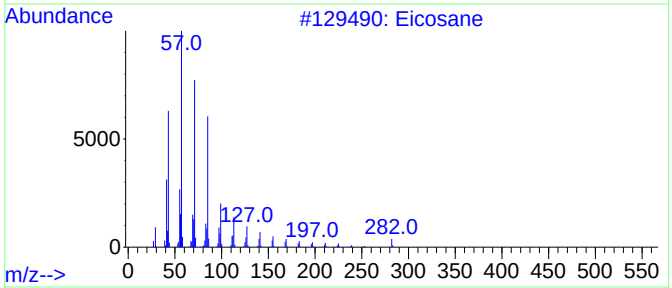
Peak Number 14 Eicosane Concentration Rank 6

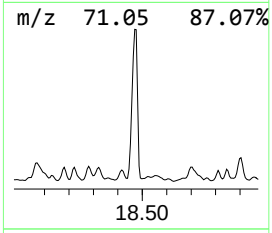
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	118.36 ng	16829000	Phenanthrene-d10	17.304

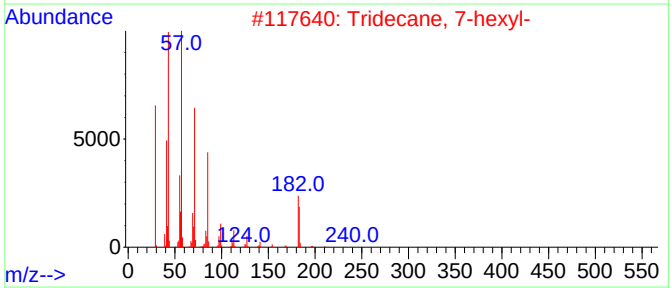
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87

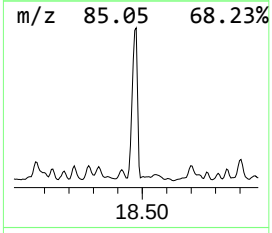


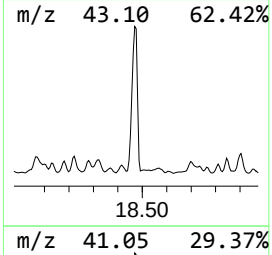


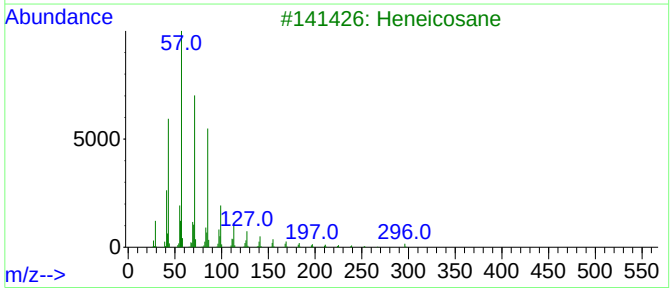


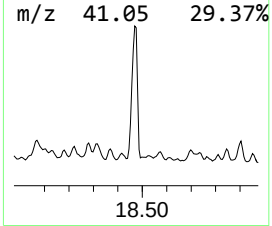












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Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

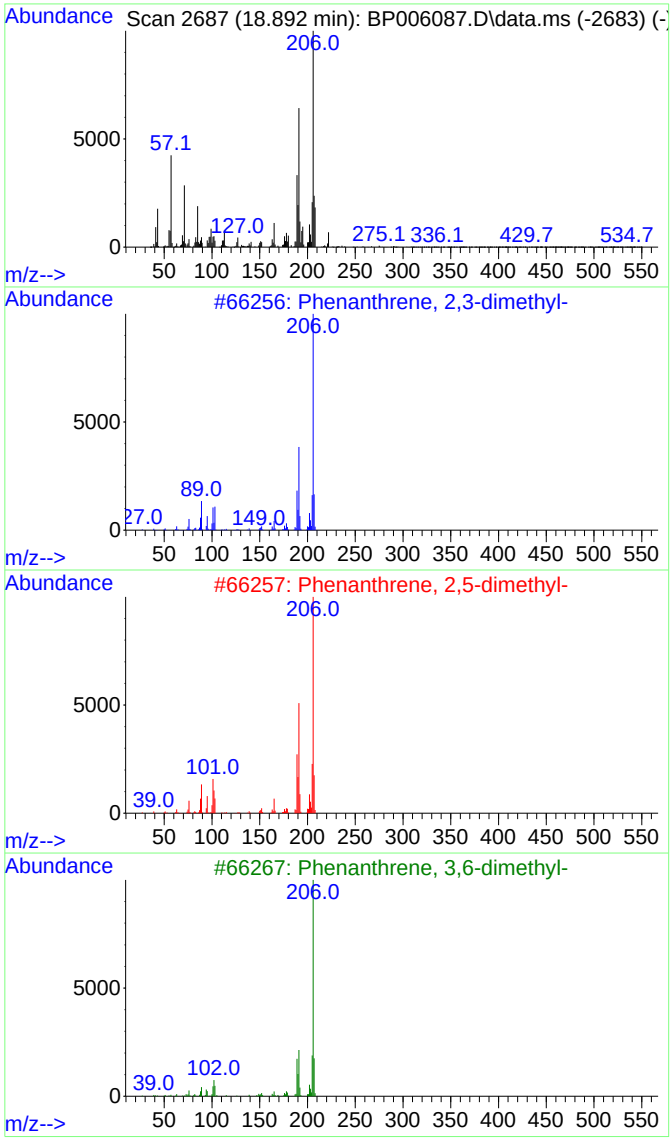
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

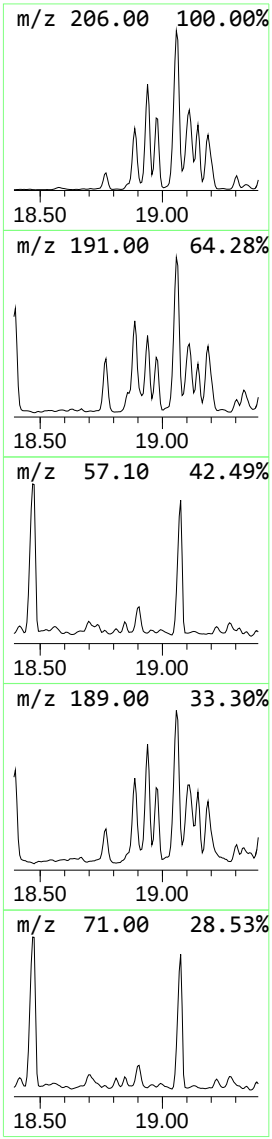
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	53.06 ng	7544790	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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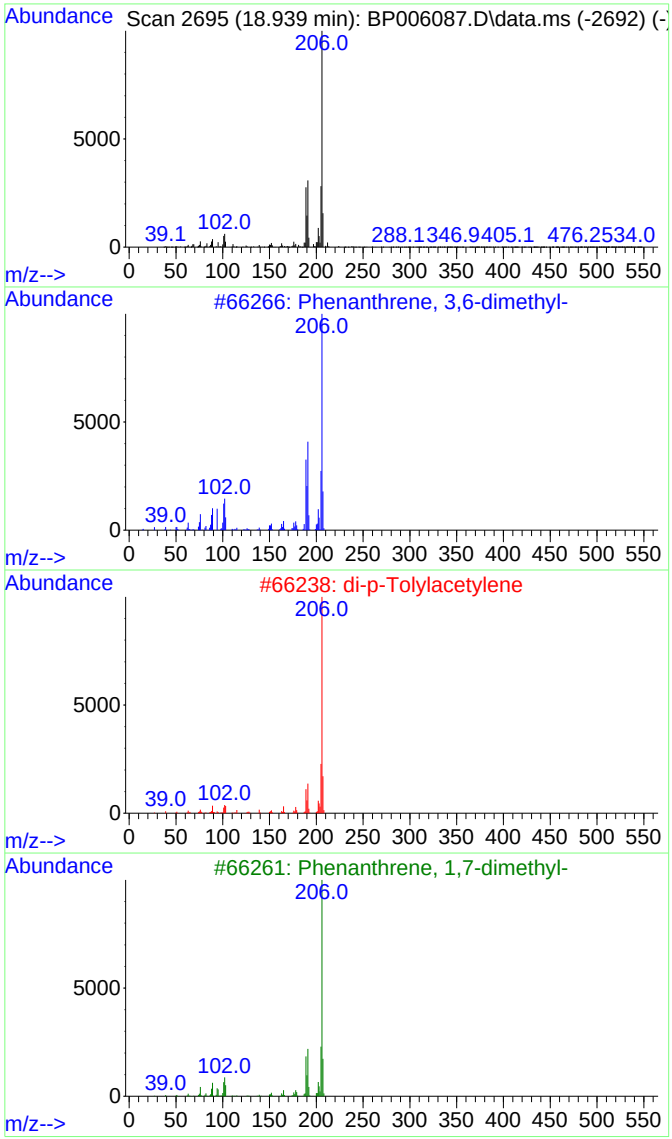
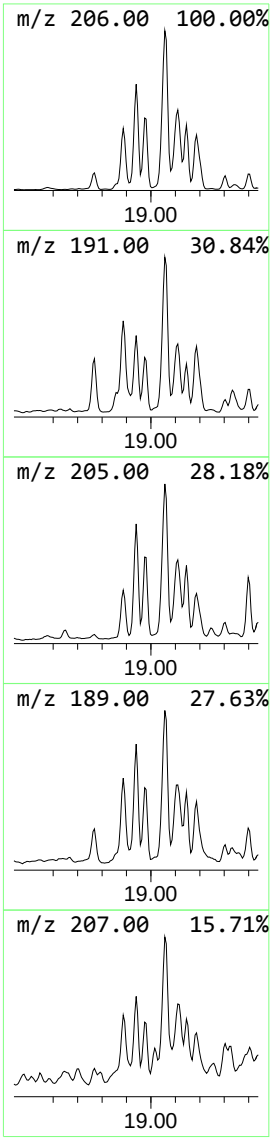
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	34.63 ng	4924810	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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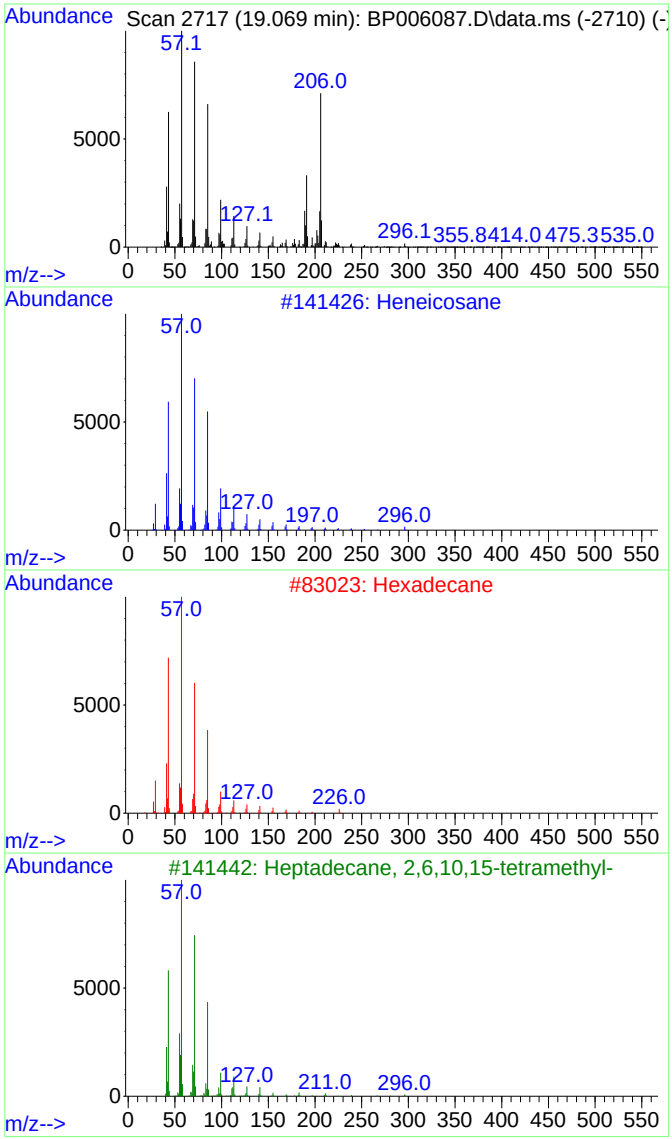
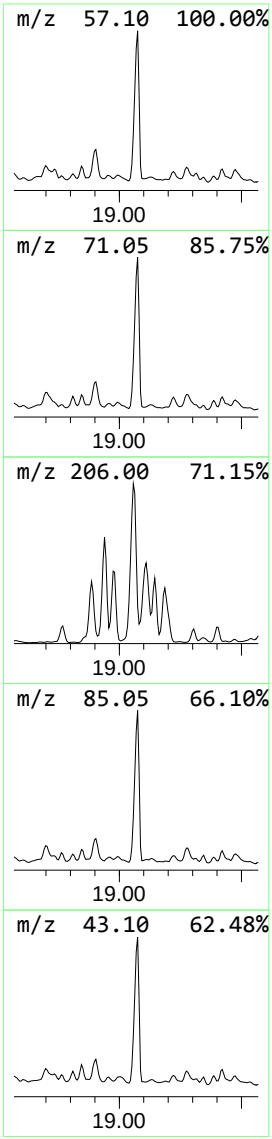
Peak Number 17 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	160.23 ng	22783600	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane	226	C16H34	000544-76-3	89
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
5	Docosane	310	C22H46	000629-97-0	55





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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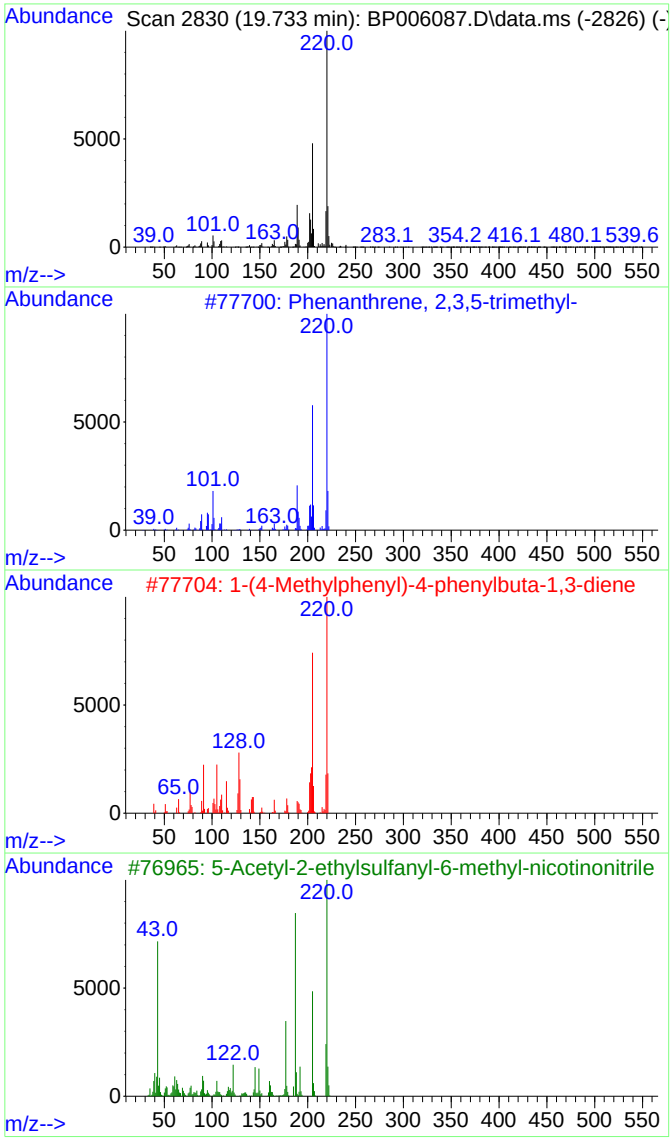
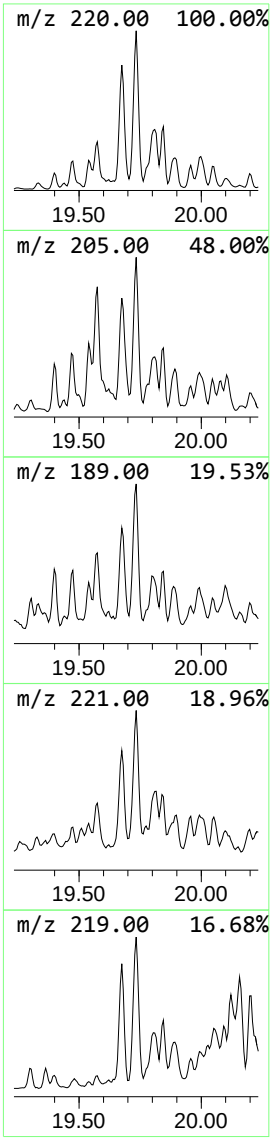
Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.733	44.60 ng	6857200	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3	5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	64
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	53
5	1,4-Dimethoxy-6,7,8,9-tetrahydro...	220	C13H16O3	079381-09-2	49





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Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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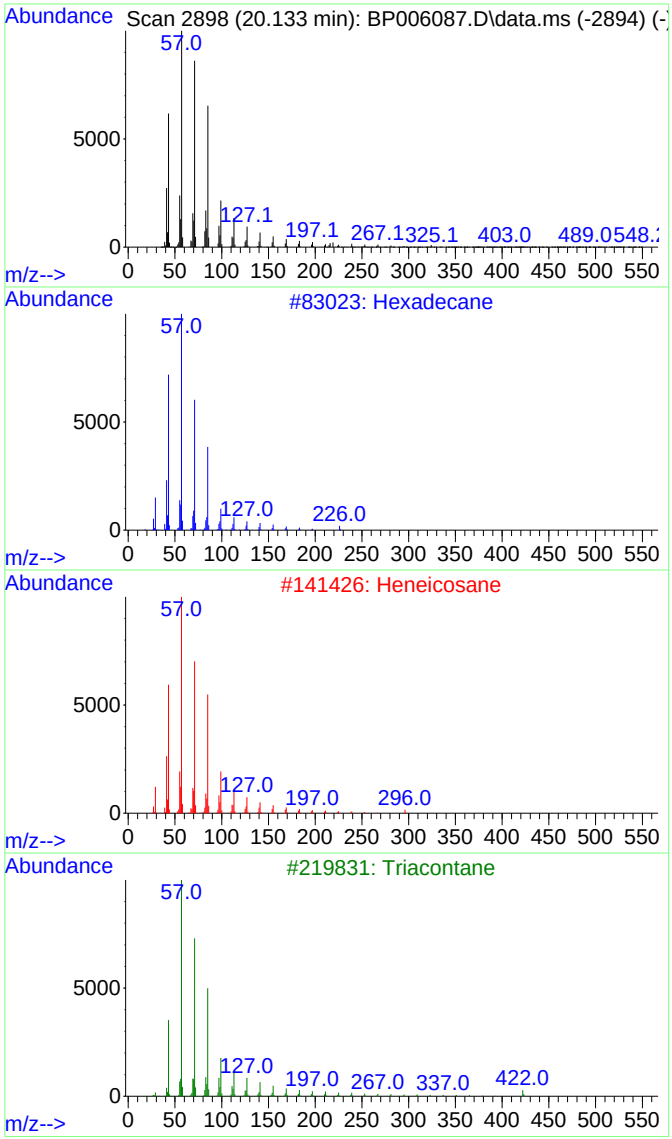
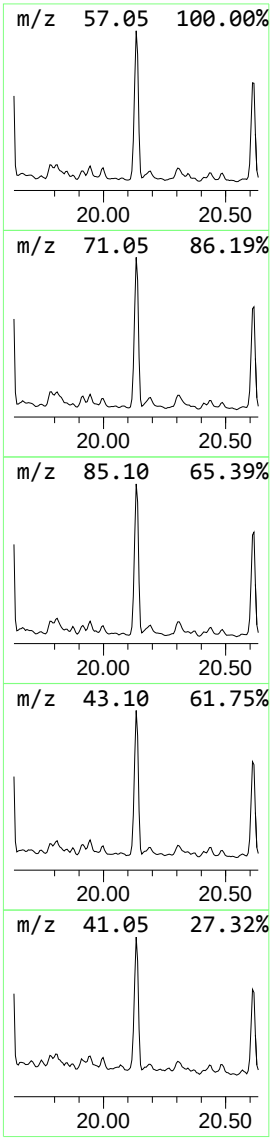
Peak Number 19 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.133	53.79 ng	8269500	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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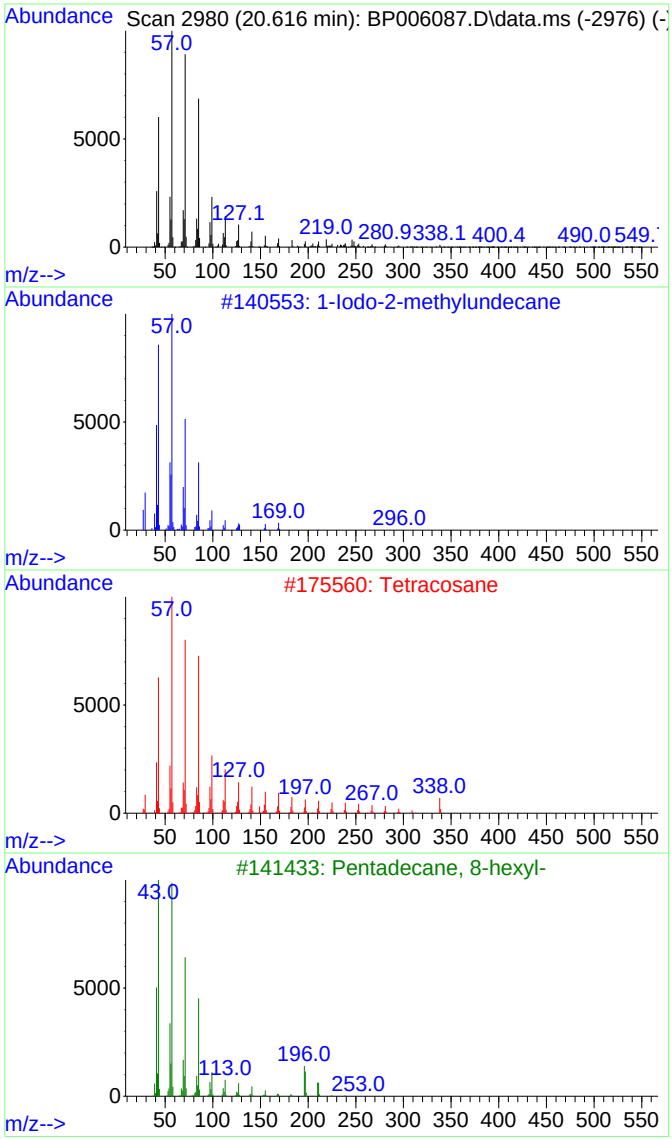
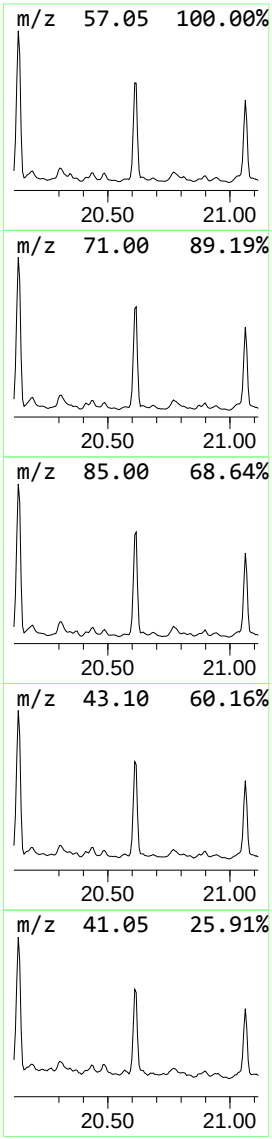
Peak Number 20 1-Iodo-2-methylundecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.616	43.02 ng	6612940	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006087.D
Acq On : 28 Jun 2021 20:41
Operator : CG/JU
Sample : M2859-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-1-062421

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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
Pentadecane	14.469	47.1	ng	24290800	3	14.551	10318600	20.0
Hexadecane	15.422	46.7	ng	24081300	3	14.551	10318600	20.0
2-Bromo dodecane	15.957	41.3	ng	5875260	4	17.304	2843830	20.0
Heptadecane	16.281	203.6	ng	28943200	4	17.304	2843830	20.0
4,4'-Dimethylbi...	16.669	50.2	ng	7141810	4	17.304	2843830	20.0
Octadecane	17.075	139.7	ng	19864400	4	17.304	2843830	20.0
Hexadecane, 2,6...	17.122	123.3	ng	17536800	4	17.304	2843830	20.0
2-Methyl-Z-4-te...	17.598	31.6	ng	4497620	4	17.304	2843830	20.0
Tridecane, 3-me...	17.716	41.2	ng	5862210	4	17.304	2843830	20.0
Nonadecane	17.810	141.4	ng	20107100	4	17.304	2843830	20.0
Phenanthrene, 1...	18.175	59.0	ng	8396010	4	17.304	2843830	20.0
Phenanthrene, 2...	18.222	87.1	ng	12380300	4	17.304	2843830	20.0
1H-Cyclopropa[l...	18.351	33.8	ng	4807930	4	17.304	2843830	20.0
Eicosane	18.475	118.4	ng	16829000	4	17.304	2843830	20.0
Phenanthrene, 2...	18.892	53.1	ng	7544790	4	17.304	2843830	20.0
Phenanthrene, 3...	18.939	34.6	ng	4924810	4	17.304	2843830	20.0
Heneicosane	19.069	160.2	ng	22783600	4	17.304	2843830	20.0
Phenanthrene, 2...	19.733	44.6	ng	6857200	5	21.369	3074700	20.0
Triacontane	20.133	53.8	ng	8269500	5	21.369	3074700	20.0
1-Iodo-2-methyl...	20.616	43.0	ng	6612940	5	21.369	3074700	20.0