LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-2-062421

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: BP006086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	400	406	425	rBV	1247404	1917818	12.15%	0.615%
2	7.081	673	679	693	rVB	1140302	1935328	12.26%	0.620%
3	7.905	809	819	827	rBV	295451	516443	3.27%	0.166%
4	9.004	994	1006	1011	rBV4	140861	410650	2.60%	0.132%
5	9.069	1011	1017	1023	rVV	735815	1300218	8.24%	0.417%
6	9.881	1150	1155	1164	rBV5	430790	875128	5.55%	0.280%
7	10.593	1268	1276	1283	rBV6	238556	773808	4.90%	0.248%
8	10.681	1284	1291	1301	rBV4	1213073	3098270	19.63%	0.993%
9	10.863	1319	1322	1327	rVV	361401	486819	3.08%	0.156%
10	11.116	1361	1365	1372	rVV4	264381	554881	3.52%	0.178%
11	11.193	1373	1378	1383	rVB3	529633	886570	5.62%	0.284%
12	11.475	1422	1426	1432	rVB4	276563	597093	3.78%	0.191%
13	11.540	1432	1437	1445	rBV5	362339	870558	5.52%	0.279%
14	11.622	1446	1451	1458	rVB6	633863	1231292	7.80%	0.395%
15	11.734	1465	1470	1473	rBV	1250418	2129086	13.49%	0.682%
16	11.898	1494	1498	1505	rVB4	613097	1007963	6.39%	0.323%
17	11.993	1506	1514	1518	rBV4	654382	1396489	8.85%	0.448%
18	12.134	1532	1538	1542	rBV2	2511078	3931194	24.91%	1.260%
19	12.369	1575	1578	1585	rVB	1393498	2189413	13.87%	0.702%
20	12.440	1586	1590	1592	rBV	464020	703090	4.46%	0.225%
21	12.587	1608	1615	1618	rBV3	985146	2139778	13.56%	0.686%
22	12.757	1640	1644	1648	rBV3	768448	1084119	6.87%	0.347%
23	12.804	1649	1652	1660	rBV5	393469	939769	5.96%	0.301%
24	12.875	1661	1664	1665	rBV2	359029	422168	2.68%	0.135%
25	12.940	1671	1675	1678	rBV2	641231	856268	5.43%	0.274%
26	12.981	1679	1682	1686	rVB3	849496	1206522	7.65%	0.387%
27	13.028	1686	1690	1694	rBV4	802038	1546660	9.80%	0.496%
28	13.087	1695	1700	1704	rVB3	2448760	3688549	23.37%	1.182%
29	13.163	1710	1713	1718	rVB	1601831	2238061	14.18%	0.717%
30	13.328	1733	1741	1744	rBV2	2429977	4599108	29.14%	1.474%
31	13.375	1745	1749	1755	rVB	4389208	6770628	42.91%	2.170%
32	13.481	1762	1767	1773	rVB4	1340442	2885118	18.28%	0.925%
33	13.534	1773	1776	1779	rBV3	656112	888011	5.63%	0.285%
34	13.575	1780	1783	1786	rBV	643128	780660	4.95%	0.250%
35	13.710	1801	1806	1808	rBV	1899182	3100232	19.65%	0.994%
36	13.869	1829	1833	1838	rBV	2616067	4331241	27.45%	1.388%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-2-062421

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	13.928	1838	1843	1846	rVB2	2239968	3178868	20.14%	1.019%
38	13.969	1846	1850	1853	rVB	1944544	2299111	14.57%	0.737%
39	14.028	1853	1860	1864	rBV2	3532409	5861187	37.14%	1.878%
40	14.069	1864	1867	1870	rBV4	1344306	1717947	10.89%	0.551%
41	14.192	1885	1888	1892	rVB5	965266	1399275	8.87%	0.448%
42	14.240	1893	1896	1898	rBV2	477034	660699	4.19%	0.212%
43	14.275	1898	1902	1906	rBV3	1250141	2435547	15.43%	0.781%
44	14.375	1915	1919	1925	rVB3	2451430	4120622	26.11%	1.321%
45	14.451	1926	1932	1936	rBV	7186209	10318415	65.39%	3.307%
46	14.516	1938	1943	1945	rBV5	1687107	2826494	17.91%	0.906%
47	14.669	1967	1969	1973	rBV2	597884	816533	5.17%	0.262%
48	14.757	1979	1984	1992	rVB	2177955	5529172	35.04%	1.772%
49	14.945	2012	2016	2021	rVB	3766323	5675909	35.97%	1.819%
50	14.998	2022	2025	2026	rVV3	973534	1056572	6.70%	0.339%
51	15.022	2026	2029	2033	rVV	2834484	4166781	26.40%	1.335%
52	15.063	2033	2036	2044	rVB5	2378695	3804422	24.11%	1.219%
53	15.169	2049	2054	2057	rBV	2854035	4577405	29.01%	1.467%
54	15.216	2060	2062	2066	rVB	1930575	2245360	14.23%	0.720%
55	15.398	2089	2093	2097	rVB	6856193	9471434	60.02%	3.035%
56	15.586	2122	2125	2129	rVB2	1290741	1654207	10.48%	0.530%
57	15.634	2129	2133	2138	rBV4	1368077	2390892	15.15%	0.766%
58	15.763	2151	2155	2157	rBV3	1291391	2148666	13.62%	0.689%
59	15.804	2158	2162	2166	rVB2	5653205	8195066	51.93%	2.626%
60	15.957	2184	2188	2193	rBV4	1440425	3065157	19.42%	0.982%
61	16.010	2194	2197	2200	rVV3	2111968	3073978	19.48%	0.985%
62	16.039	2200	2202	2209	rVB2	2671624	3749737	23.76%	1.202%
63	16.186	2224	2227	2229	rBV2	747977	1047716	6.64%	0.336%
64	16.269	2235	2241	2243	rBV2	8848480	15780297	100.00%	5.057%
65	16.410	2262	2265	2269	rVB	1761913	2247207	14.24%	0.720%
66	16.657	2304	2307	2311	rVB2	3206532	4133320	26.19%	1.325%
67	17.057	2370	2375	2379	rVV	6261795	8571774	54.32%	2.747%
68	17.110	2379	2384	2394	rVB3	6385575	12305832	77.98%	3.944%
69	17.298	2412	2416	2419	rBV2	1259523	1954343	12.38%	0.626%
70	17.339	2420	2423	2429	rVV	1605533	2904771	18.41%	0.931%
71	17.704	2481	2485	2490	rBV3	2671422	4541513	28.78%	1.455%
72	17.792	2495	2500	2505	rVB	7287606	9996015	63.34%	3.204%
73	18.163	2560	2563	2567	rBV	2573857	3789073	24.01%	1.214%
74	18.210	2568	2571	2577	rVB	3872425	5356469	33.94%	1.717%
75	18.339	2591	2593	2598	rVB3	1780440	2365068	14.99%	0.758%
76	18.457	2609	2613	2618	rBV	6478404	8119752	51.46%	2.602%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-2-062421

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

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Peak separation: 5

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

77	18.539	2625	2627	2636	rVB4	1513023	2280501	14.45%	0.731%
78	18.639	2641	2644	2649	rBV4	1099661	2108393	13.36%	0.676%
79	18.880	2682	2685	2690	rVV2	1882771	2762436	17.51%	0.885%
80	18.933	2691	2694	2697	rVV	2147531	2424459	15.36%	0.777%
81	18.969	2697	2700	2703	rVB	1491413	1579133	10.01%	0.506%
82	19.057	2709	2715	2719	rBV2	7309653	12806033	81.15%	4.104%
83	19.139	2726	2729	2732	rVB2	1528146	1726094	10.94%	0.553%
84	19.180	2732	2736	2741	rBV	1292100	2176145	13.79%	0.697%
85	19.563	2799	2801	2807	rVB4	1077397	1478557	9.37%	0.474%
86	19.616	2807	2810	2813	rVV	4576654	4617621	29.26%	1.480%
87	19.669	2814	2819	2823	rVV2	2218816	4019552	25.47%	1.288%
88	19.727	2824	2829	2833	rVB	3077035	4754386	30.13%	1.524%
89	19.839	2844	2848	2852	rVB	5623386	6287166	39.84%	2.015%
90	20.127	2894	2897	2901	rVB	3171949	3577027	22.67%	1.146%
91	20.322	2927	2930	2934	rVB2	1143557	1390368	8.81%	0.446%
92	20.422	2944	2947	2951	rBV2	1197511	1679045	10.64%	0.538%
93	20.463	2951	2954	2957	rBV	1005060	1321757	8.38%	0.424%
94	20.610	2975	2979	2987	rVB2	2293831	3047008	19.31%	0.977%
95	20.857	3018	3021	3025	rVB	975170	1177083	7.46%	0.377%
96	20.945	3033	3036	3040	rVB2	1028004	1308435	8.29%	0.419%
97	20.992	3041	3044	3047	rBV	947125	1164408	7.38%	0.373%
98	21.027	3047	3050	3053	rVV2	1018527	1472292	9.33%	0.472%
99	21.063	3053	3056	3059	rVB	1613626	1795795	11.38%	0.576%
100	23.763	3512	3515	3521	rVB2	742431	1236685	7.84%	0.396%

Sum of corrected areas: 312031988

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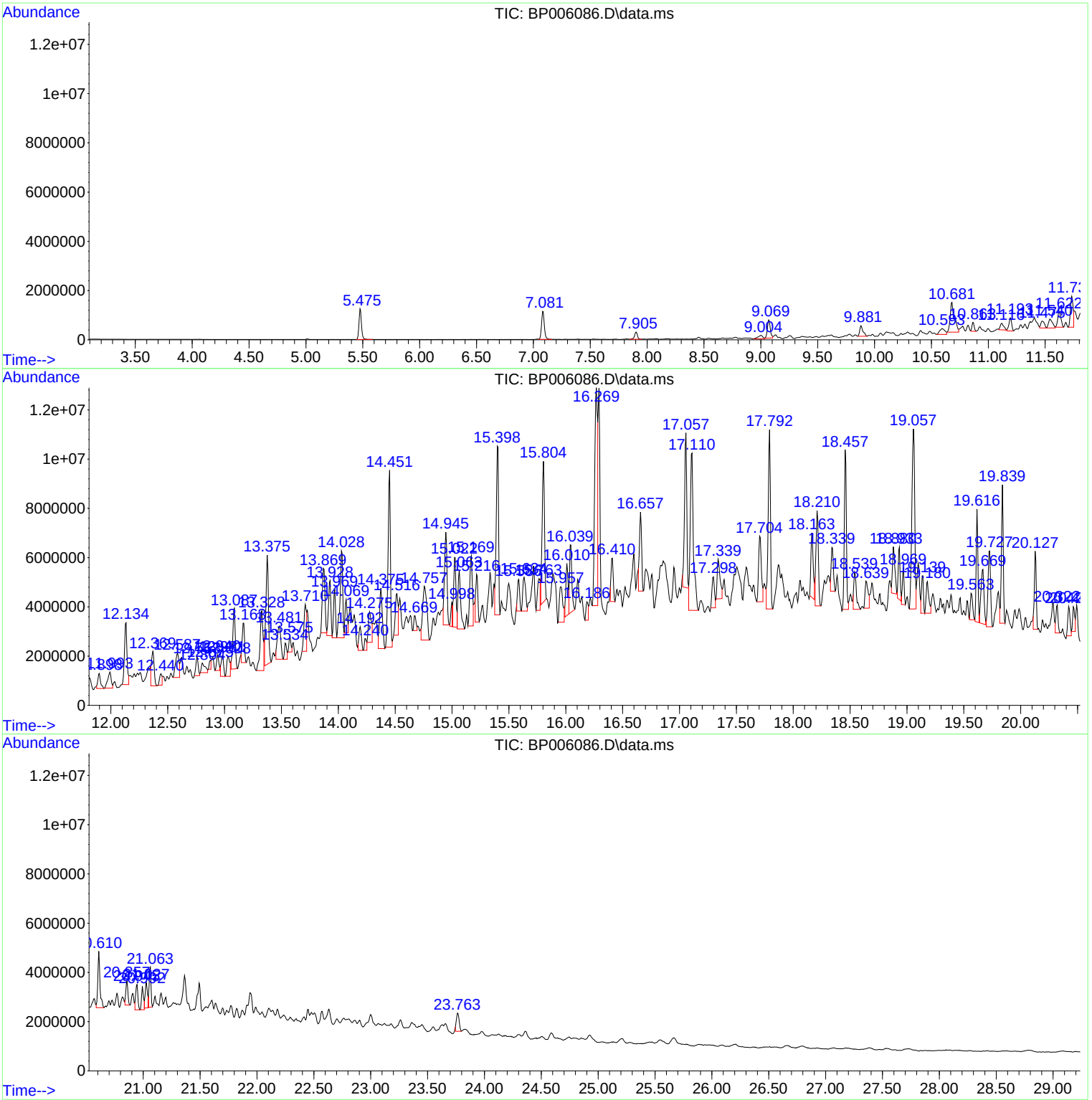
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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\
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Misc :
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Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

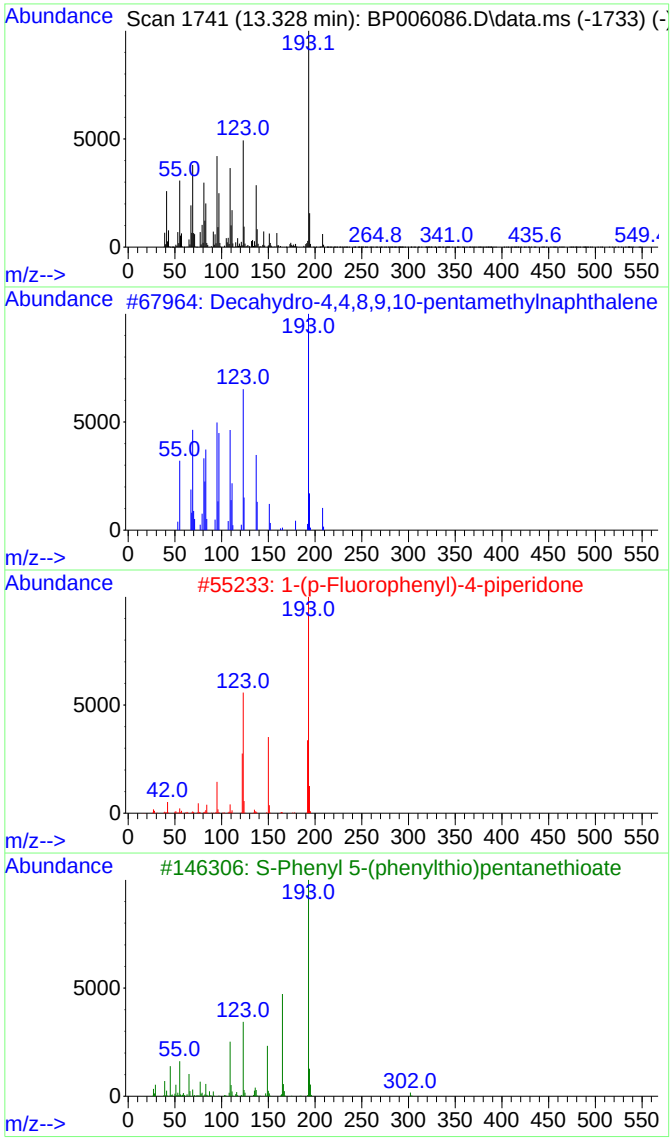
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

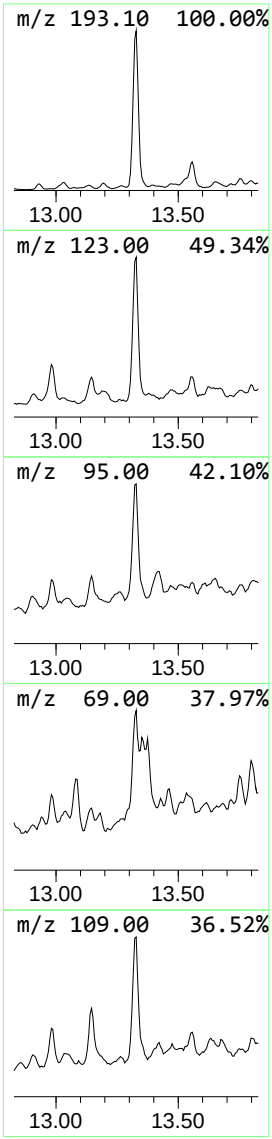
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Decahydro-4,4,8,9,10-pentam... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.328	32.54 ng	4599110	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	96
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	47
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
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Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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
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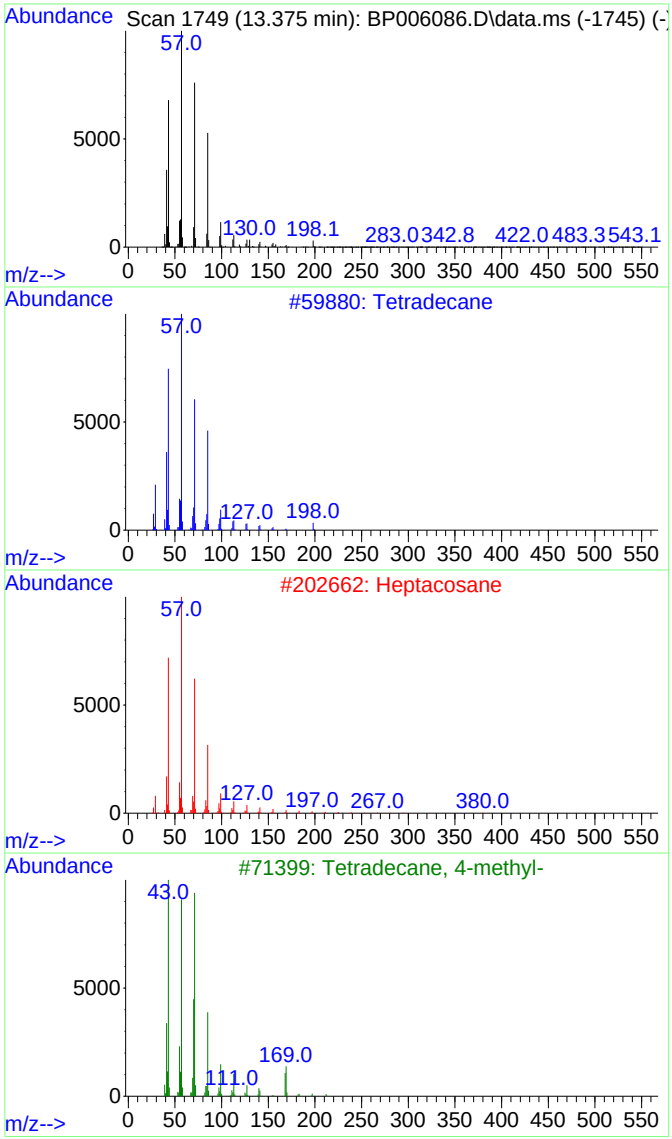
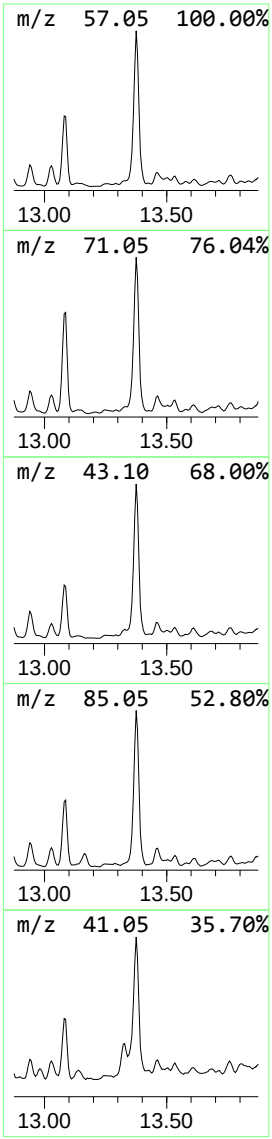
****

Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	47.91 ng	6770630	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Heptacosane	380	C27H56	000593-49-7	64
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	62
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Heptadecane	240	C17H36	000629-78-7	58





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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TIC Library : C:\DATABASE\NIST11.L
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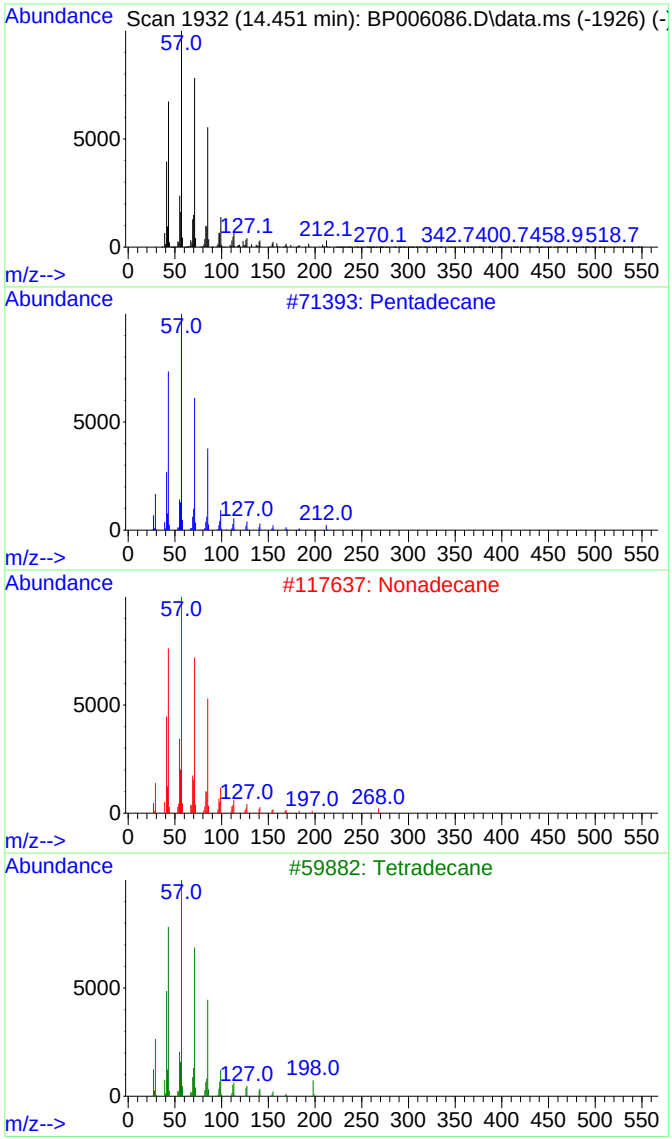
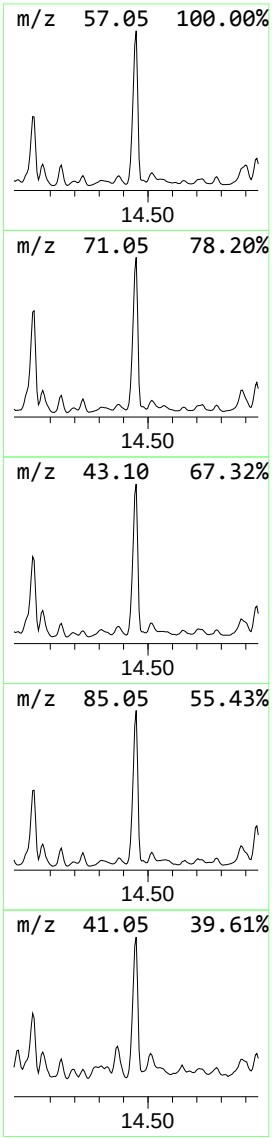
****

Peak Number 3 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	73.01 ng	10318400	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
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Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

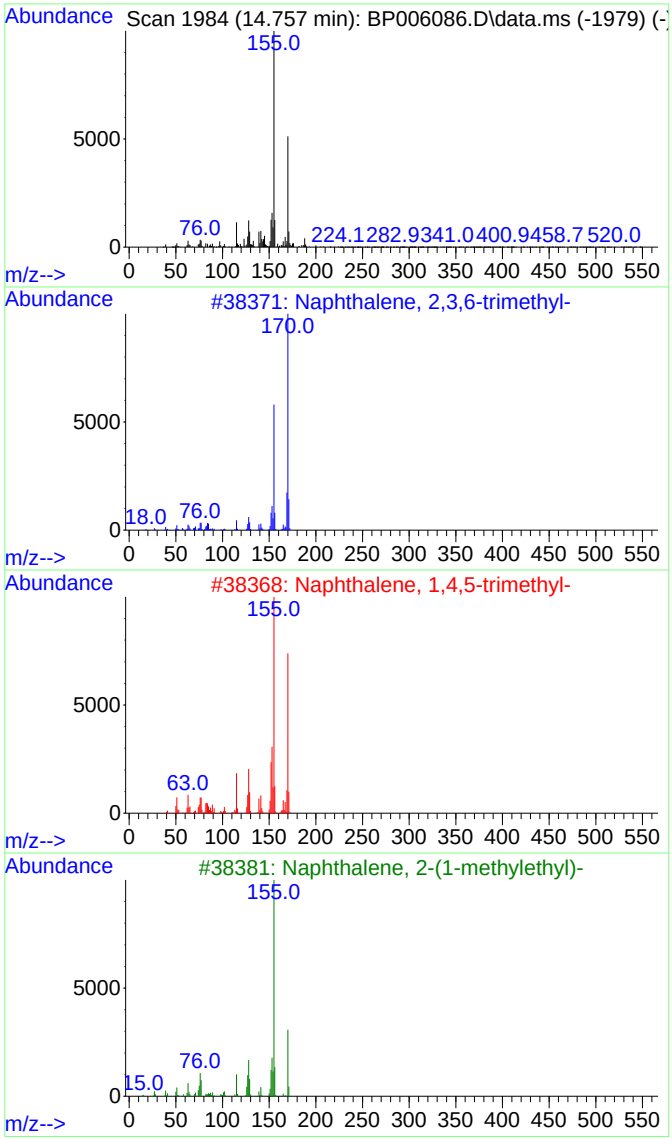
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

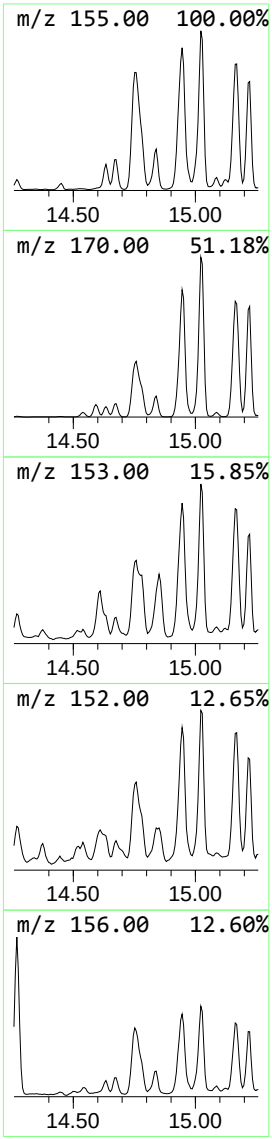
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	39.12 ng	5529170	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

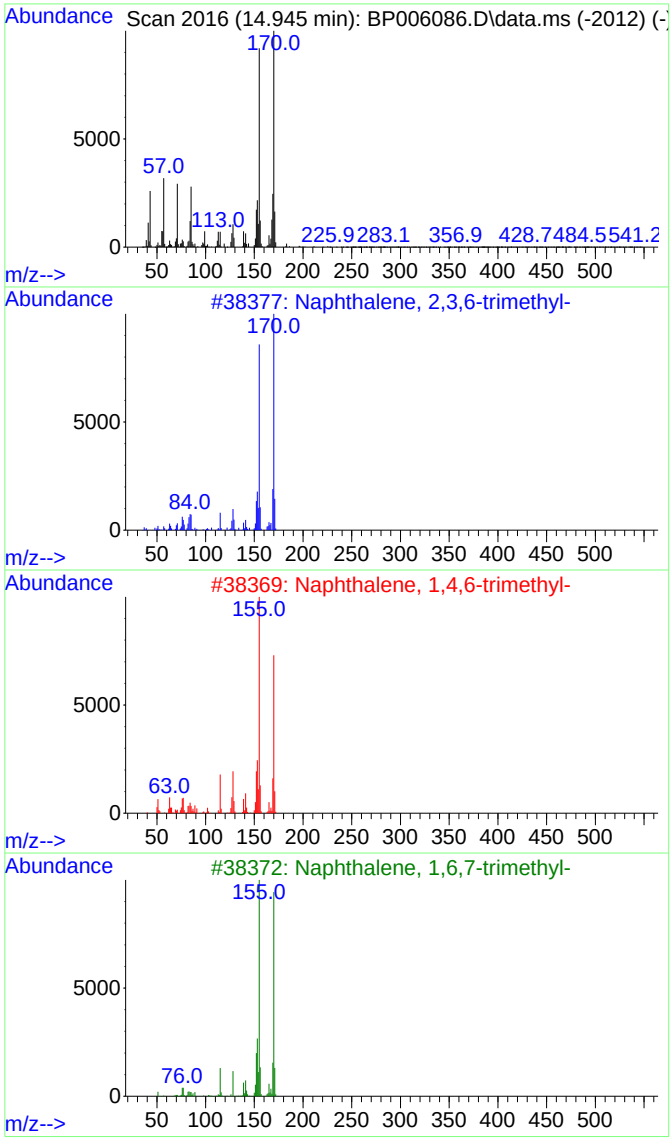
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

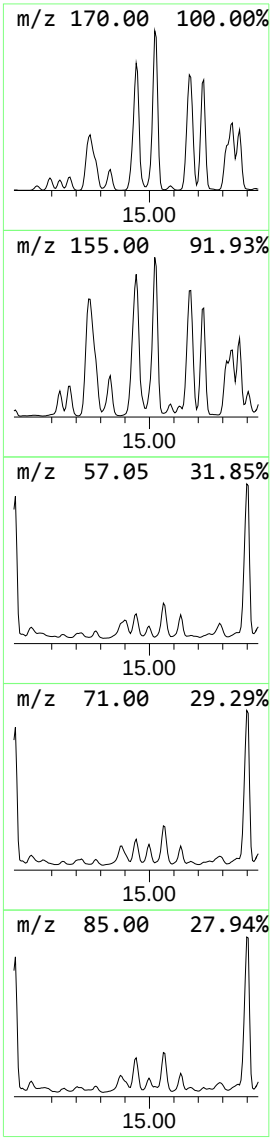
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	40.16 ng	5675910	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74





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Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PILE-2-062421

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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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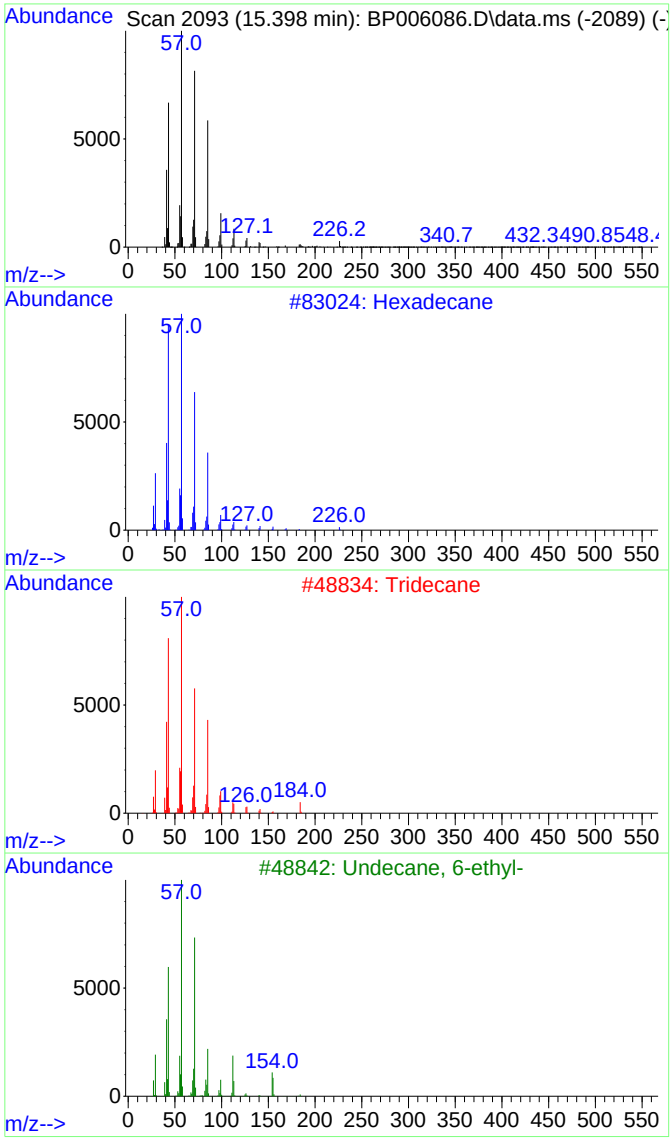
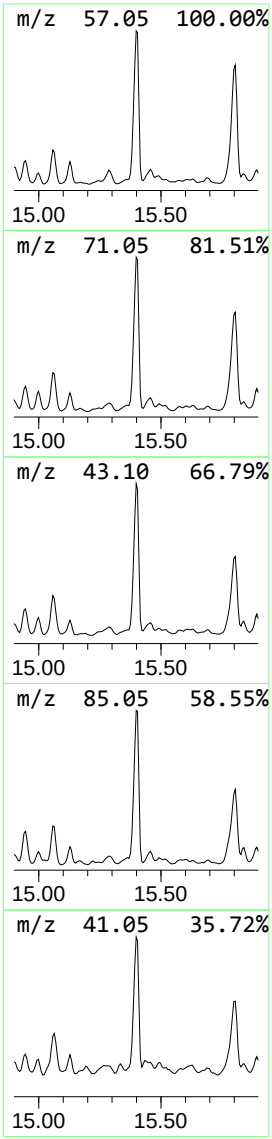
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	67.02 ng	9471430	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Heptadecane	240	C17H36	000629-78-7	64





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ALS Vial : 19 Sample Multiplier: 1

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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

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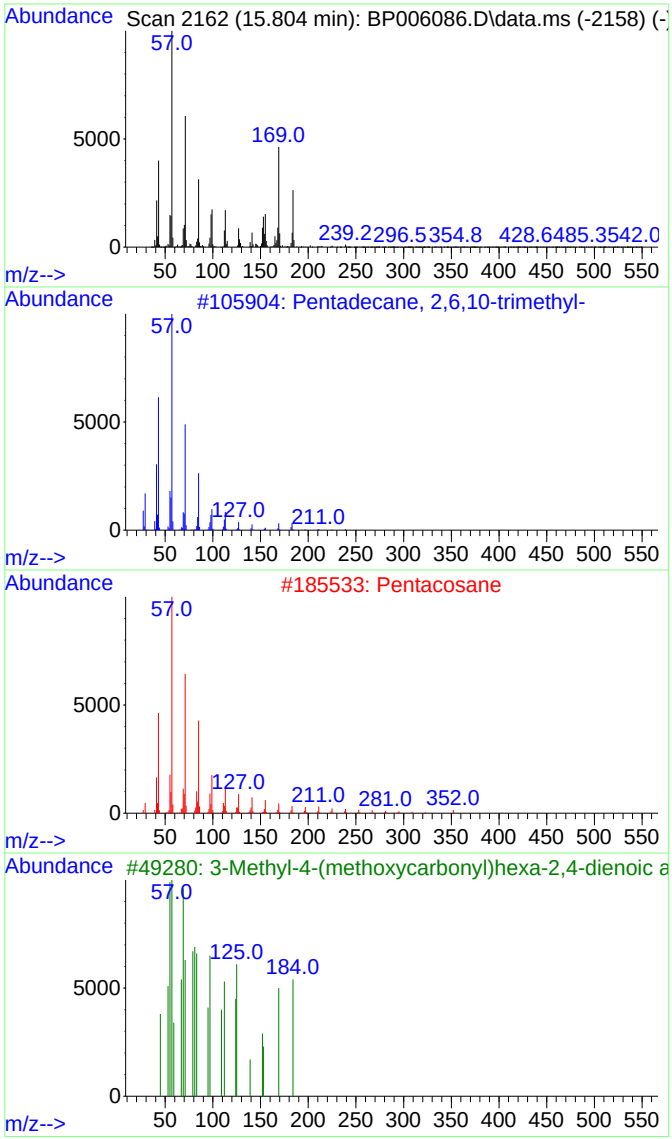
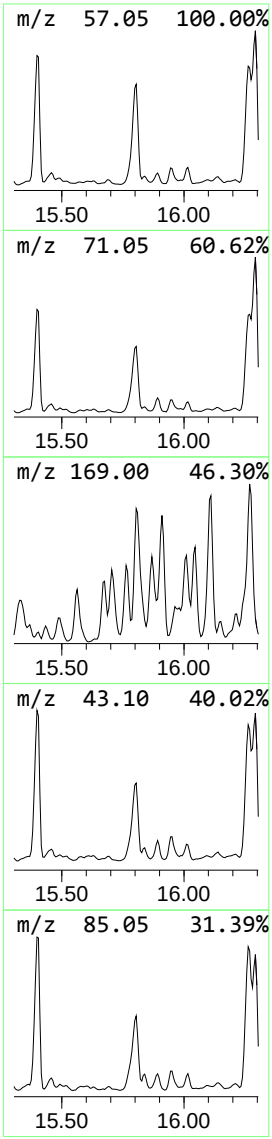
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	57.99 ng	8195070	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
2	Pentacosane	352	C25H52	000629-99-2	43
3	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	42
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	38
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	35





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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

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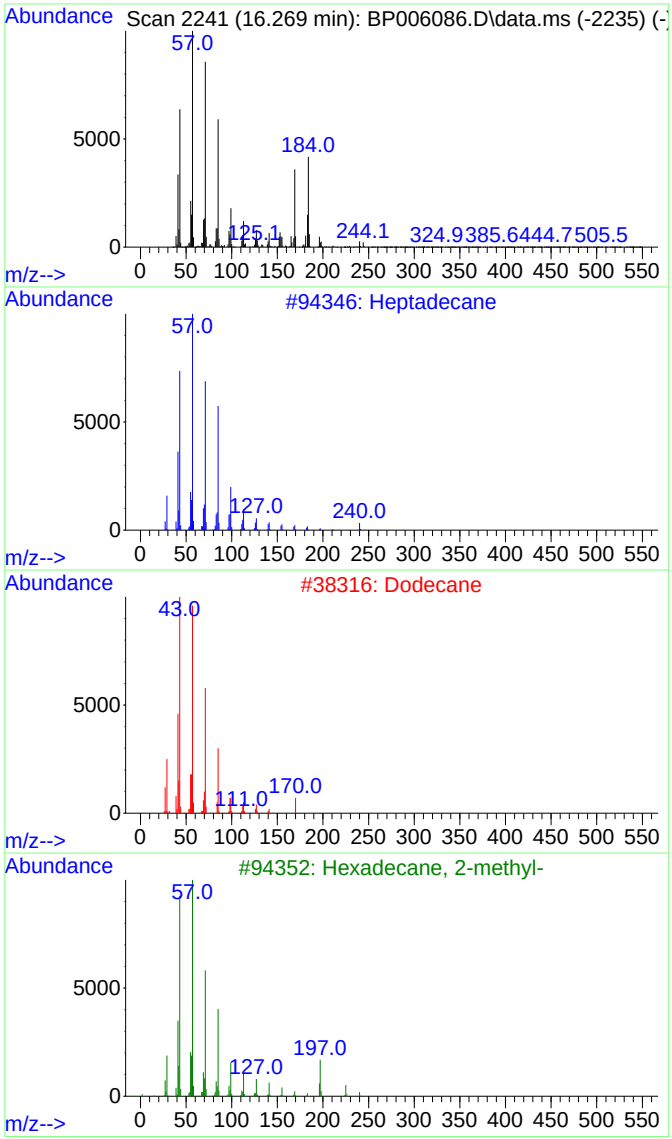
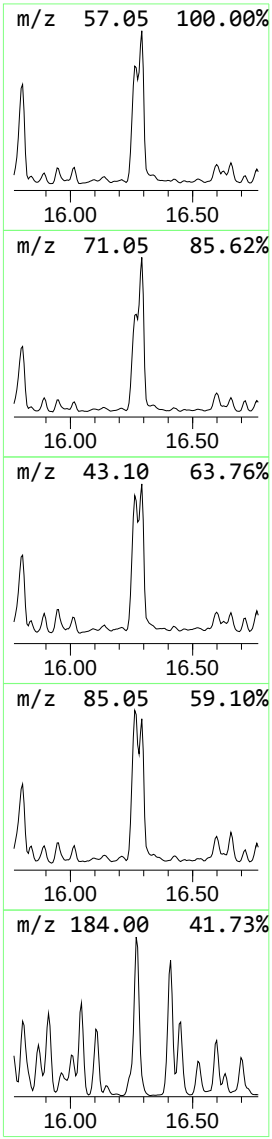
Peak Number 8 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	161.49 ng	15780300	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Dodecane	170	C12H26	000112-40-3	64
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	64
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	58





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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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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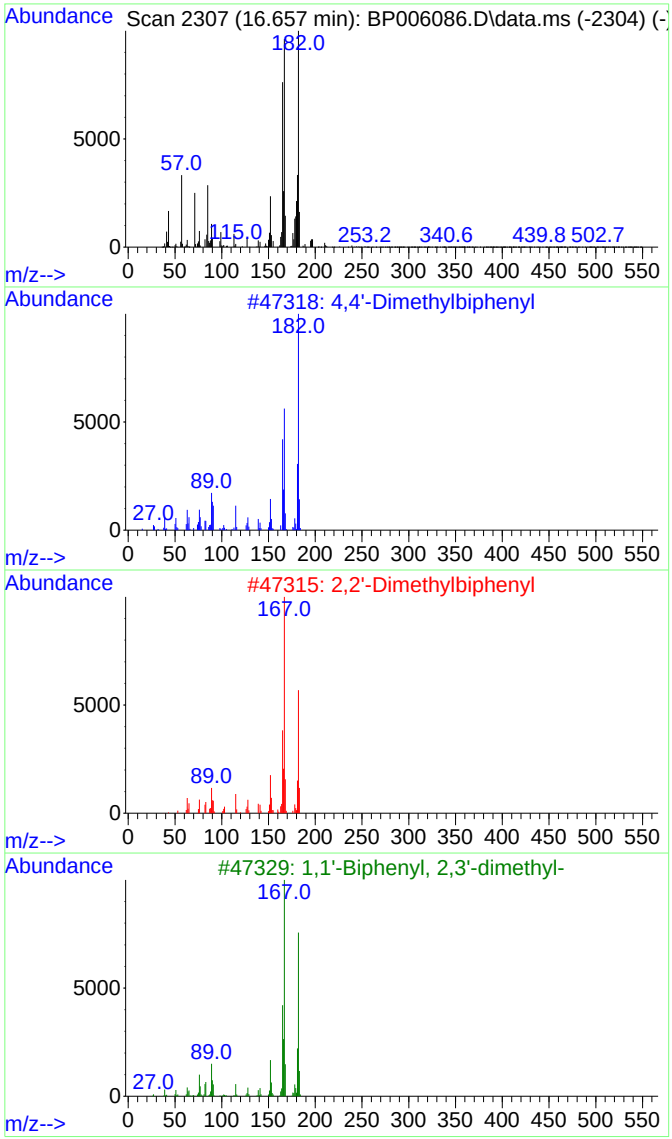
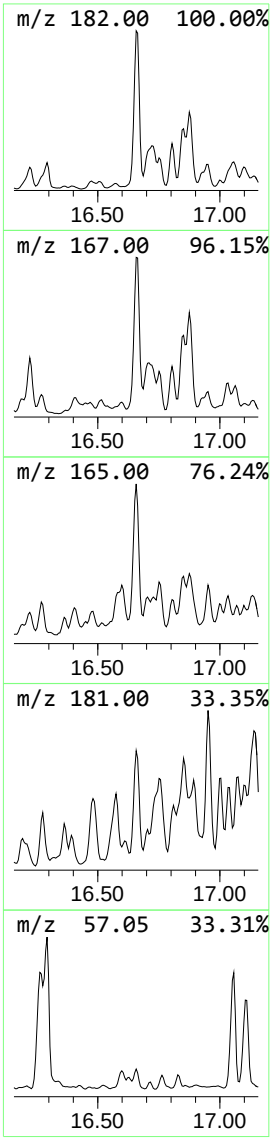
Peak Number 9 4,4'-Dimethylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	42.30 ng	4133320	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	91
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	64
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	64





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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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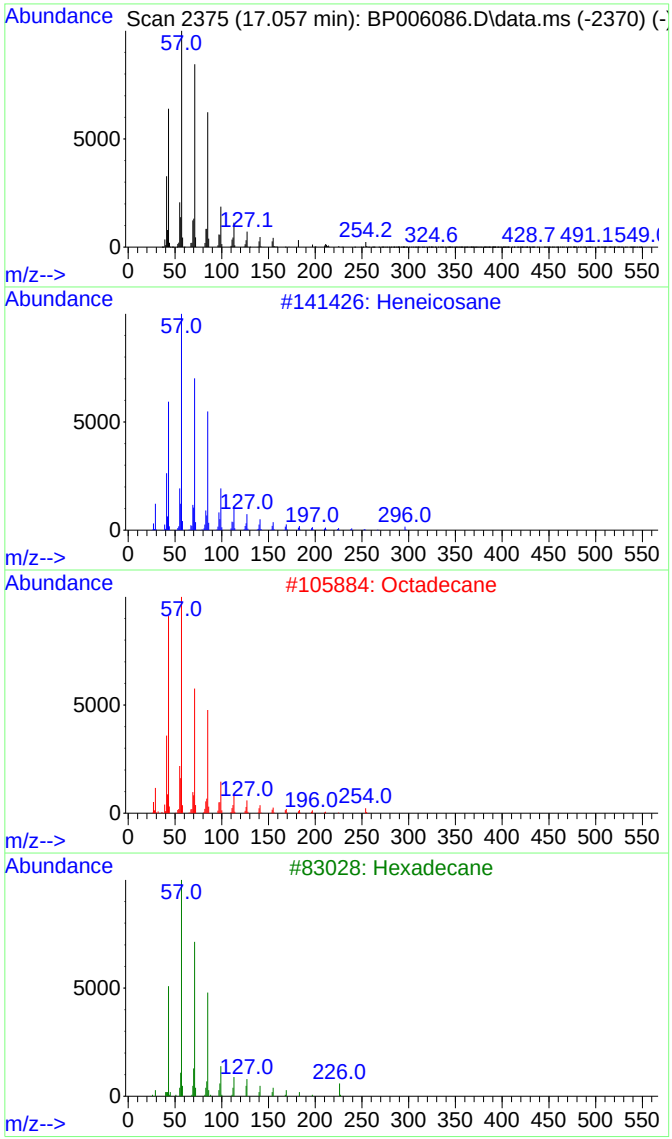
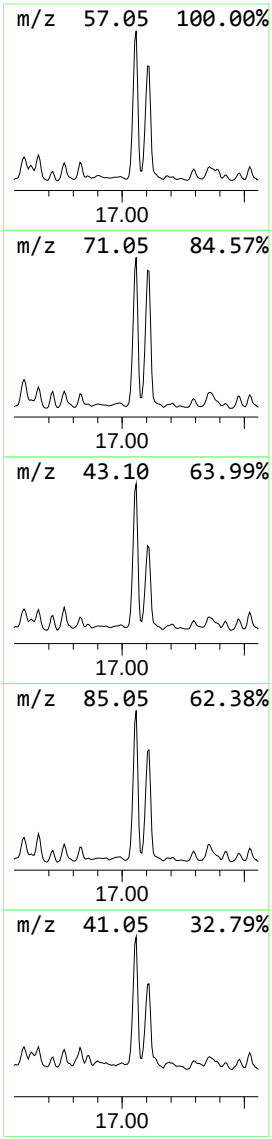
Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	87.72 ng	8571770	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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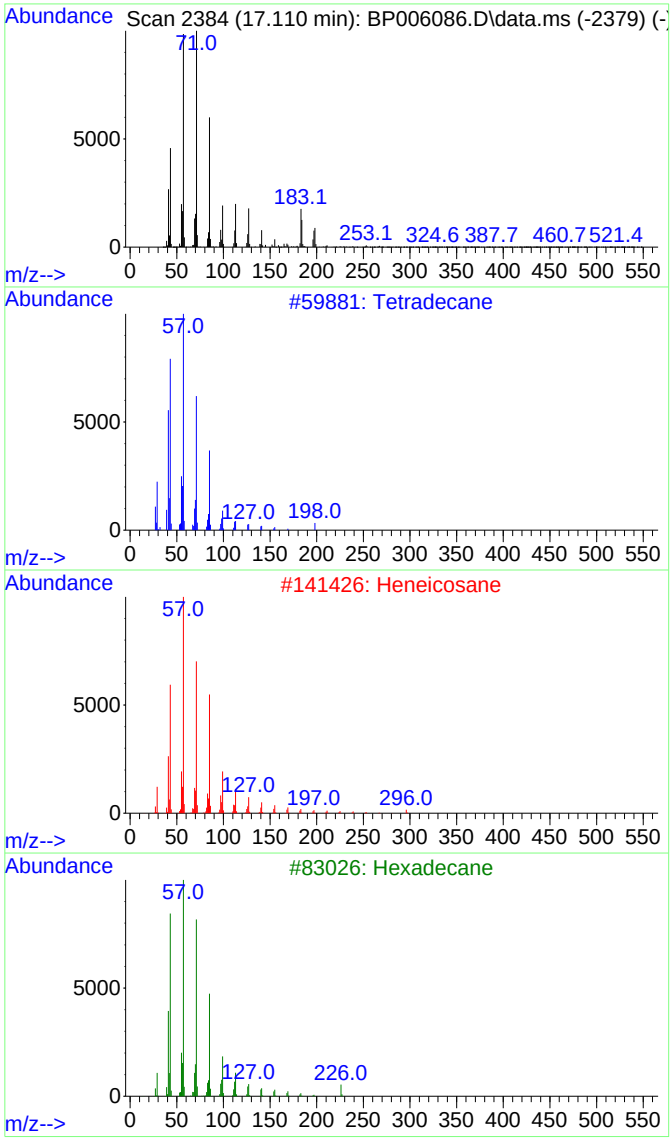
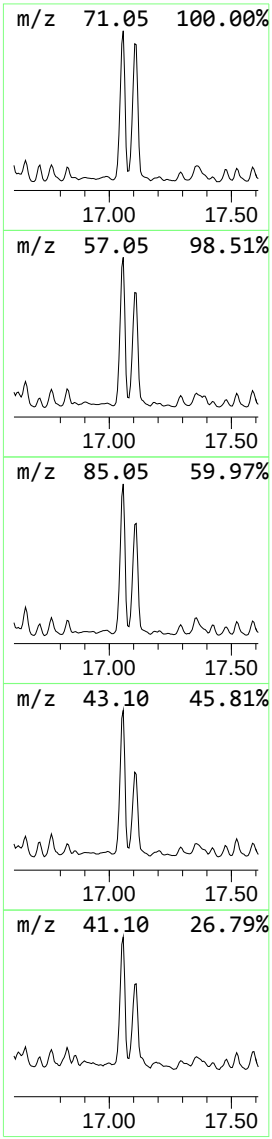
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	125.93 ng	12305800	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	76
2	Heneicosane	296	C21H44	000629-94-7	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	68





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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

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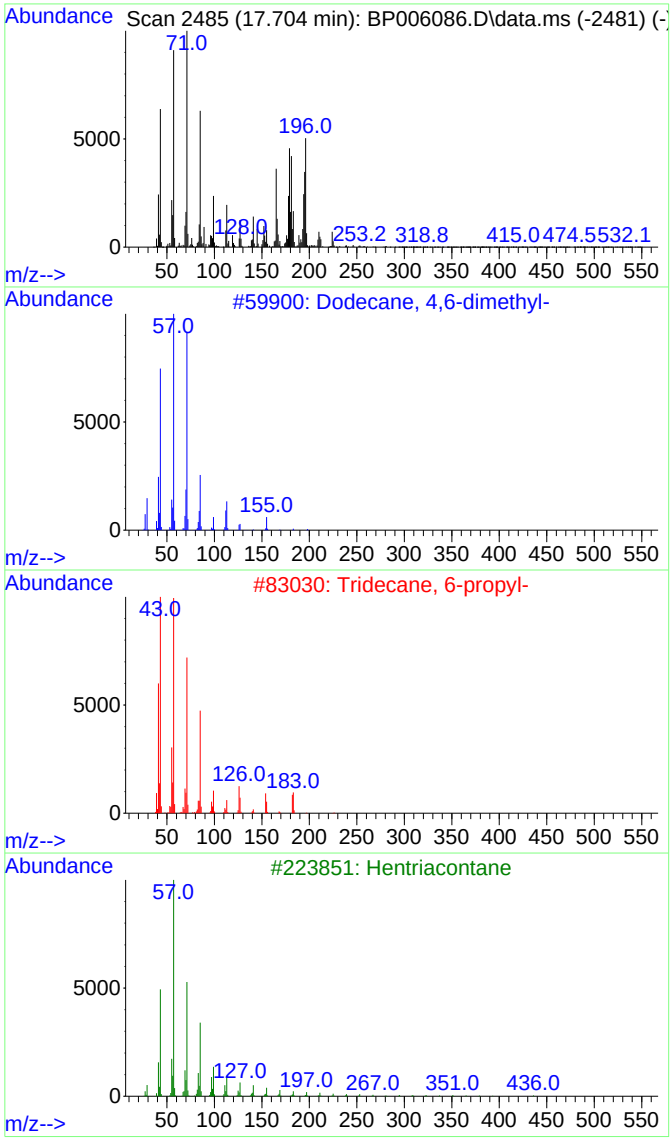
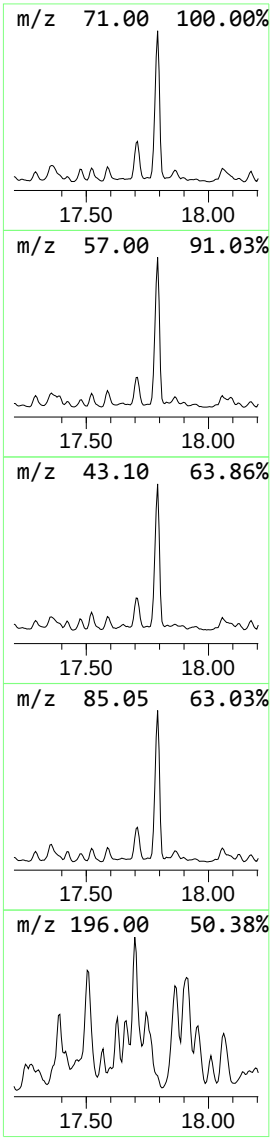
Peak Number 12 unknown17.704 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	46.48 ng	4541510	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	30
3	Hentriacontane	437	C31H64	000630-04-6	30
4	Pentadecane	212	C15H32	000629-62-9	30
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	30





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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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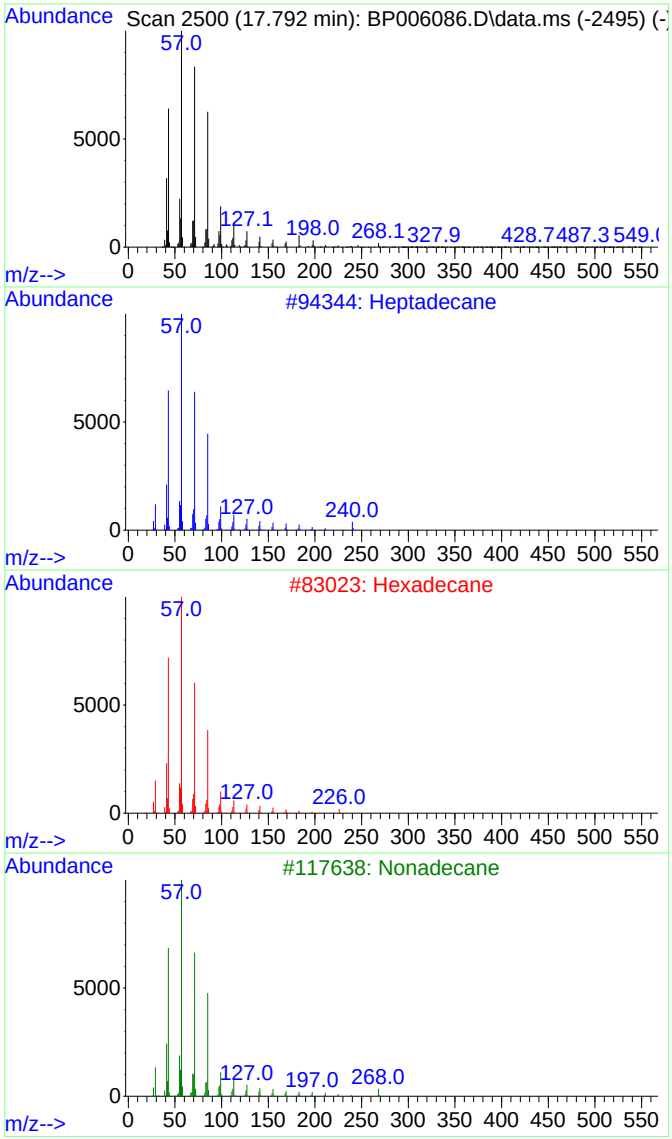
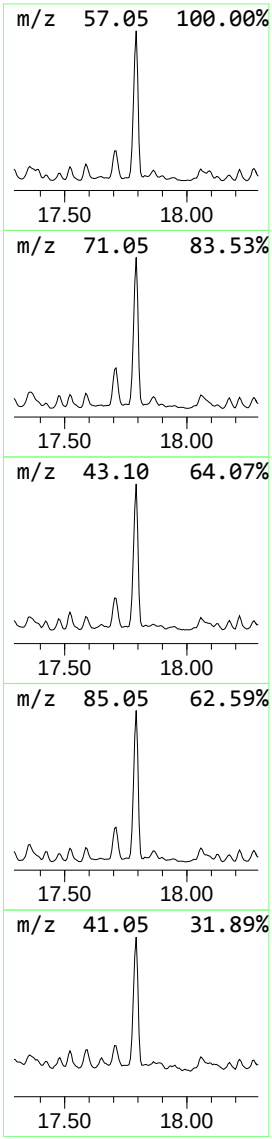
Peak Number 13 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	102.30 ng	9996020	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Heneicosane	296	C21H44	000629-94-7	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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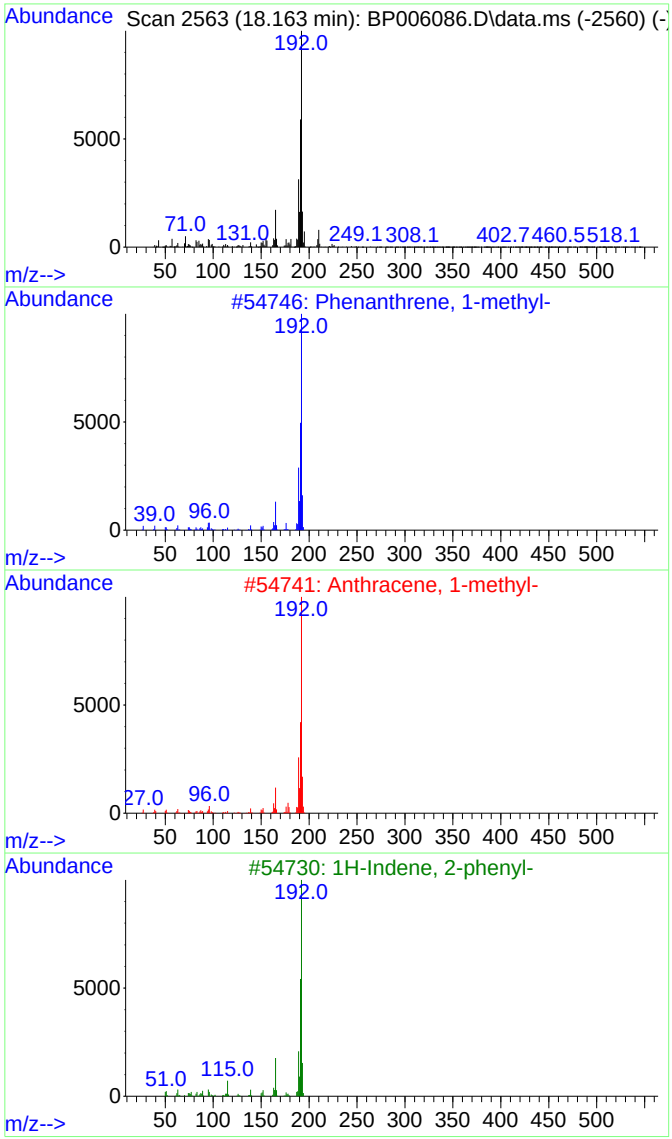
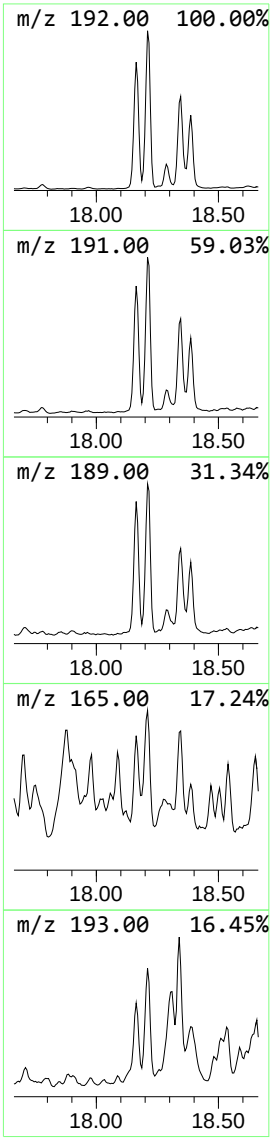
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	38.78 ng	3789070	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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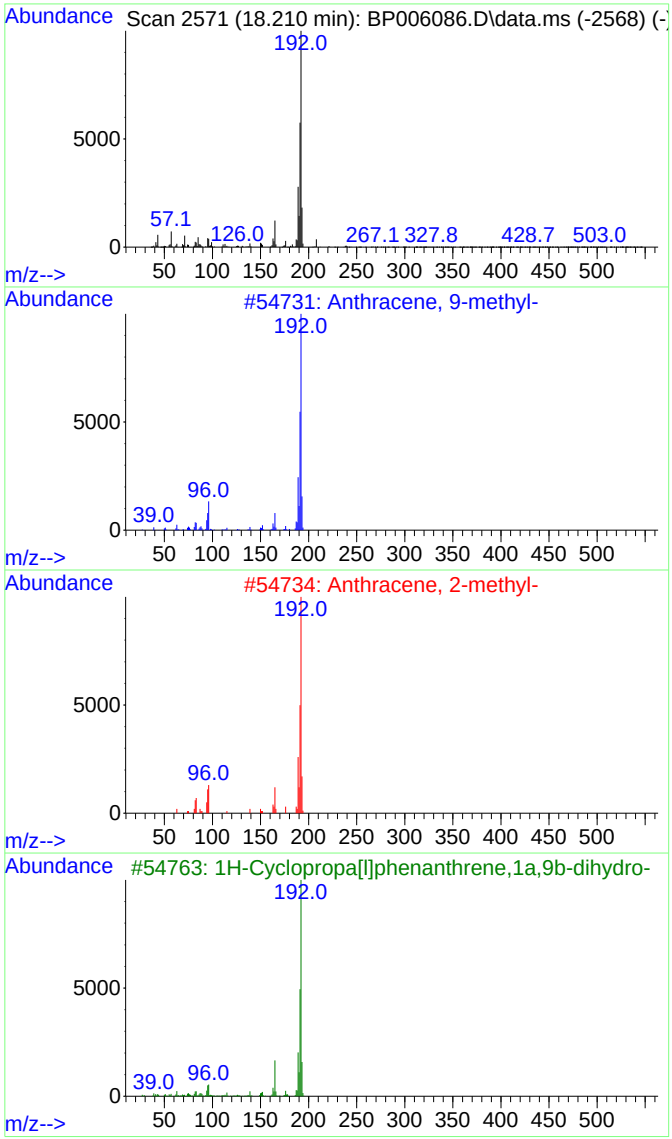
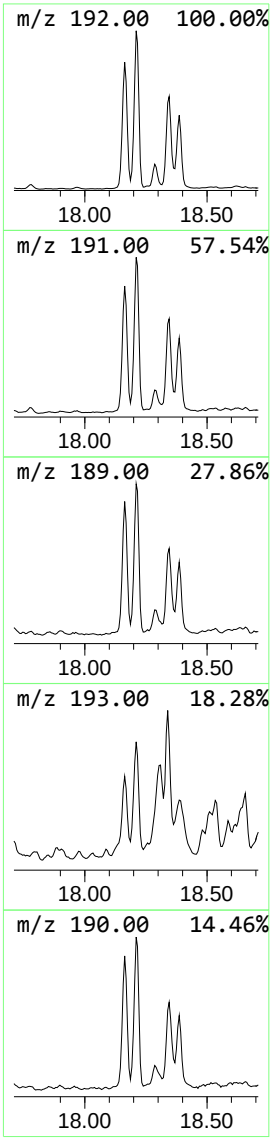
Peak Number 15 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	54.82 ng	5356470	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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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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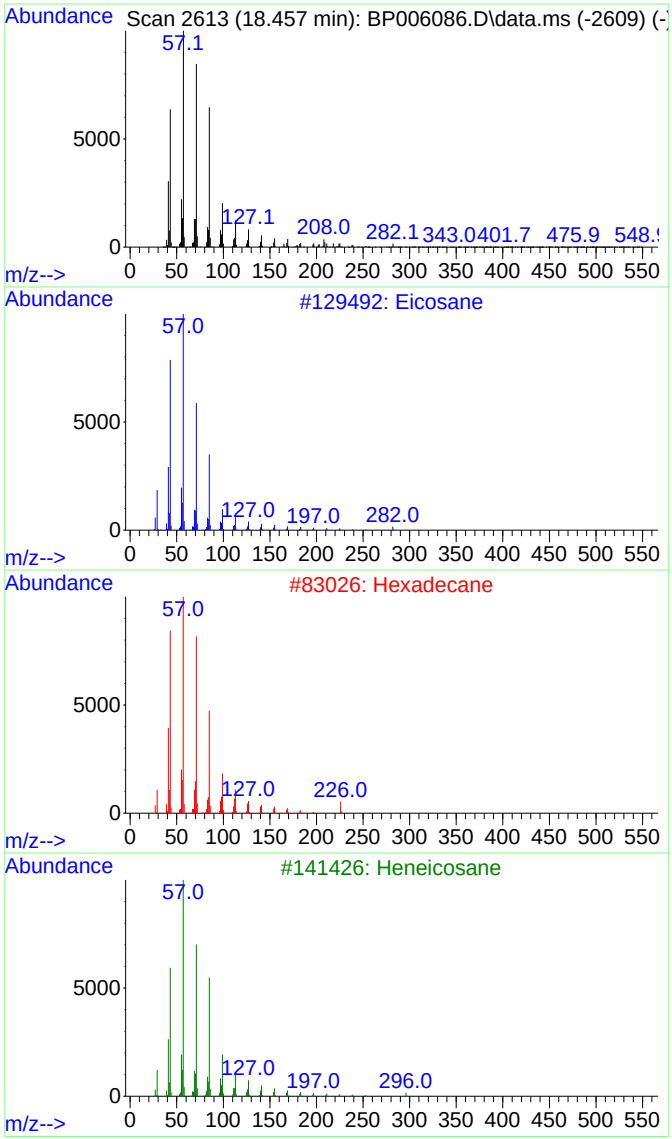
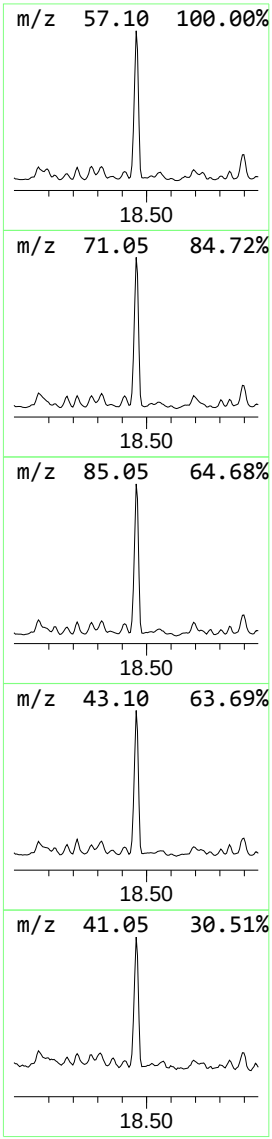
Peak Number 16 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	83.09 ng	8119750	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	87





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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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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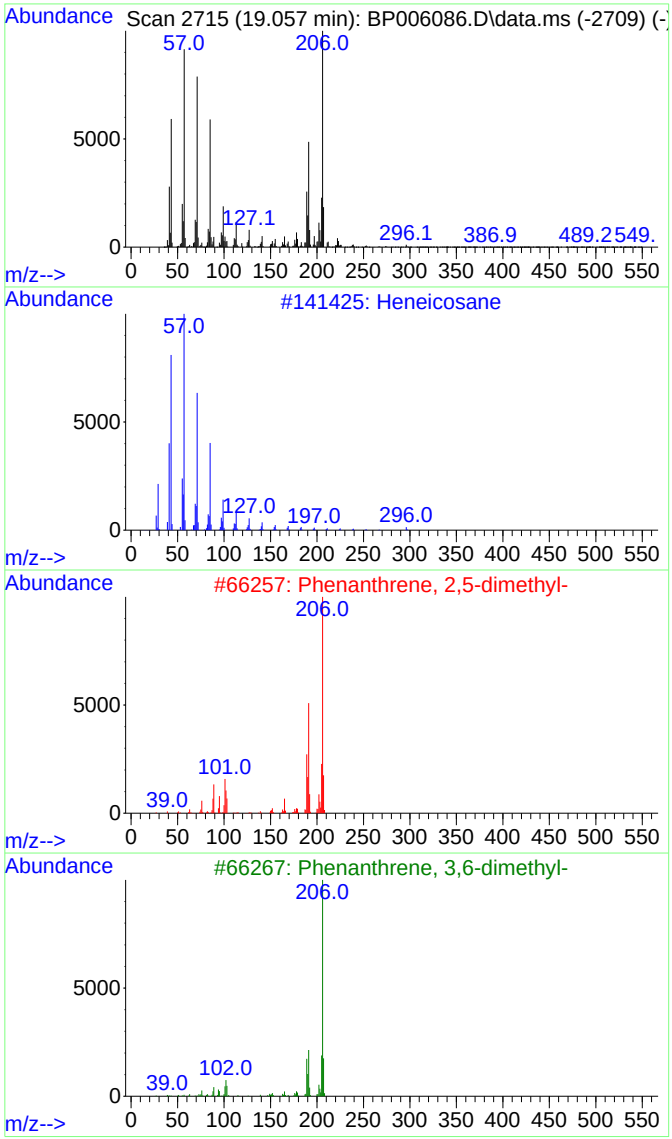
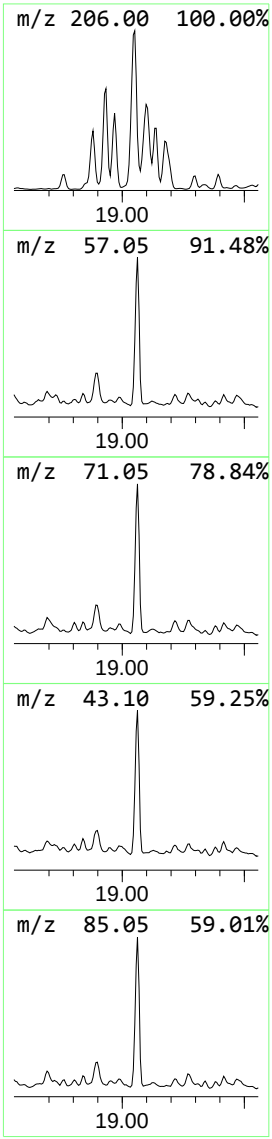
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	131.05 ng	12806000	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49





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Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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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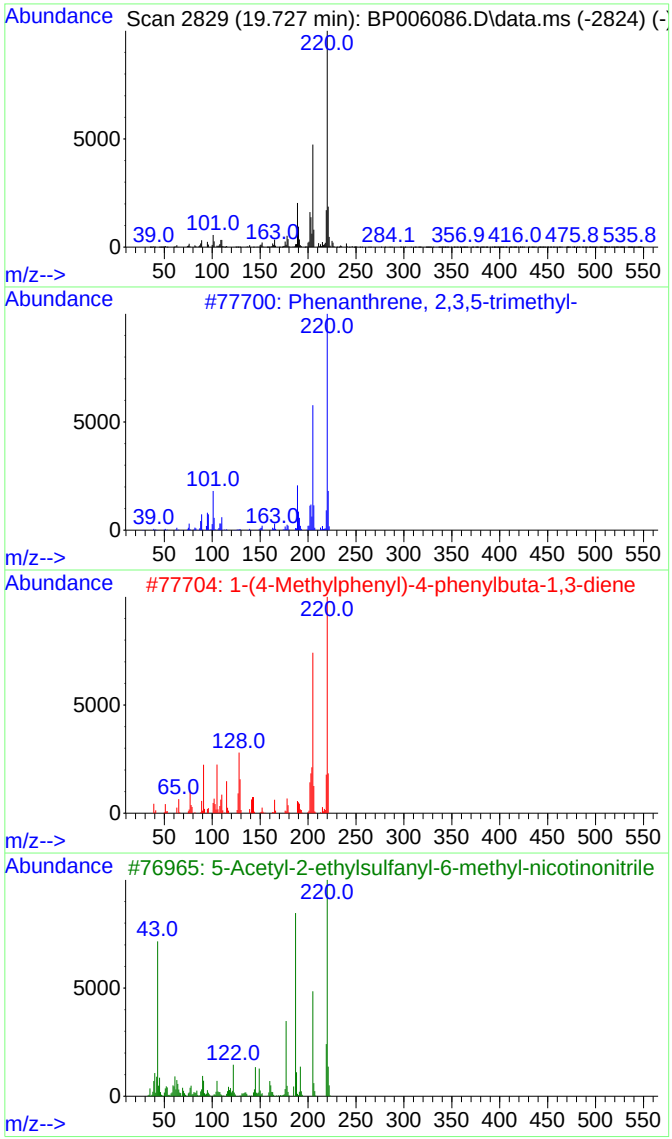
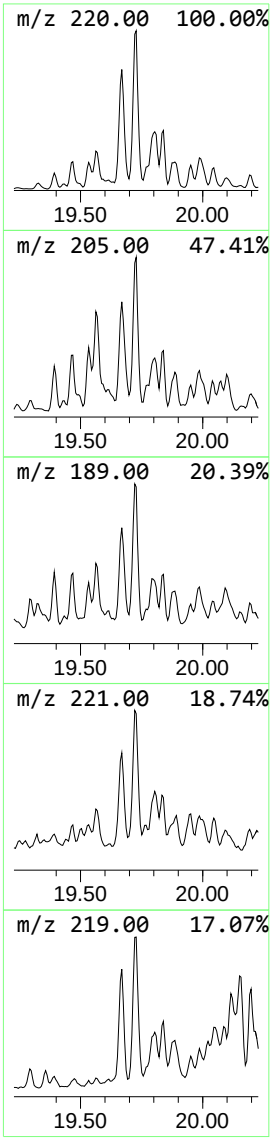
Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.727	52.95 ng	4754390	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
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	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	59
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	53





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Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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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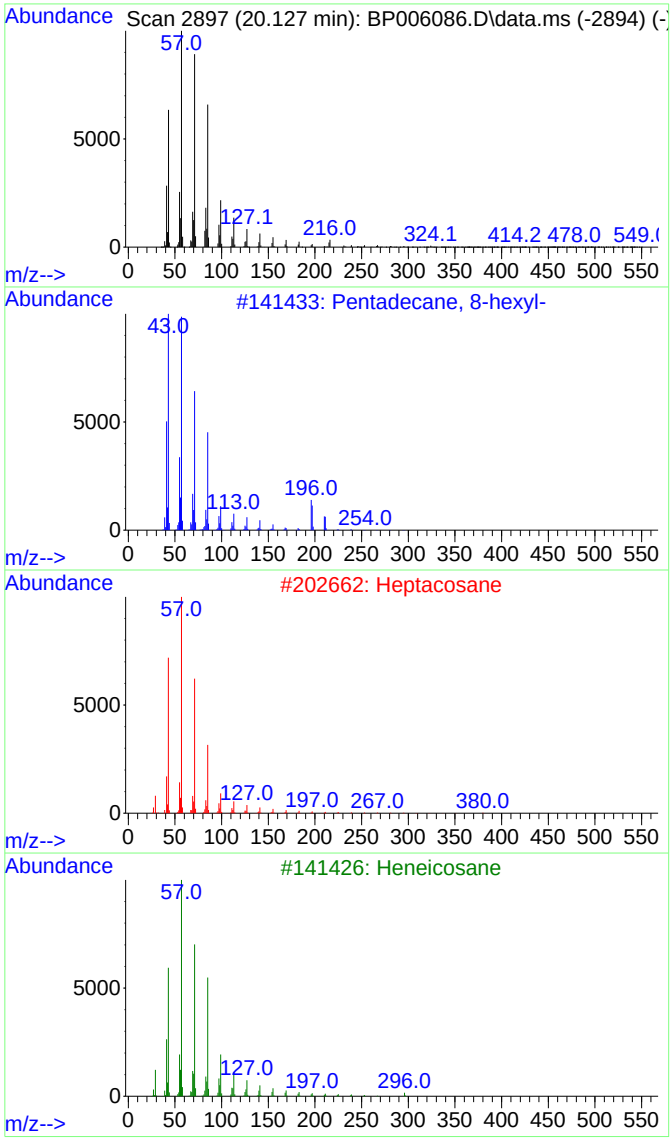
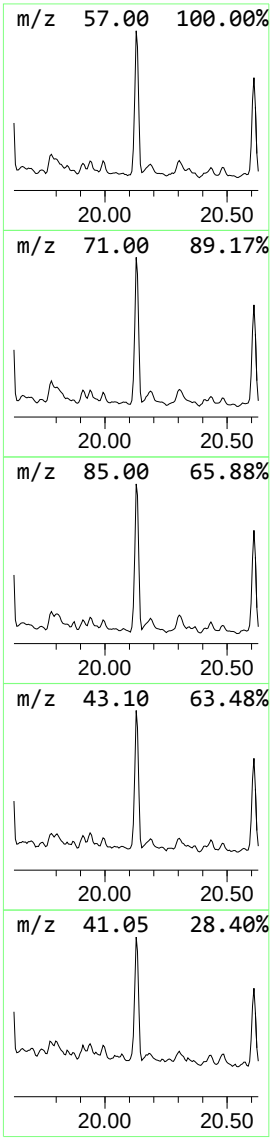
Peak Number 19 Pentadecane, 8-hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	39.84 ng	3577030	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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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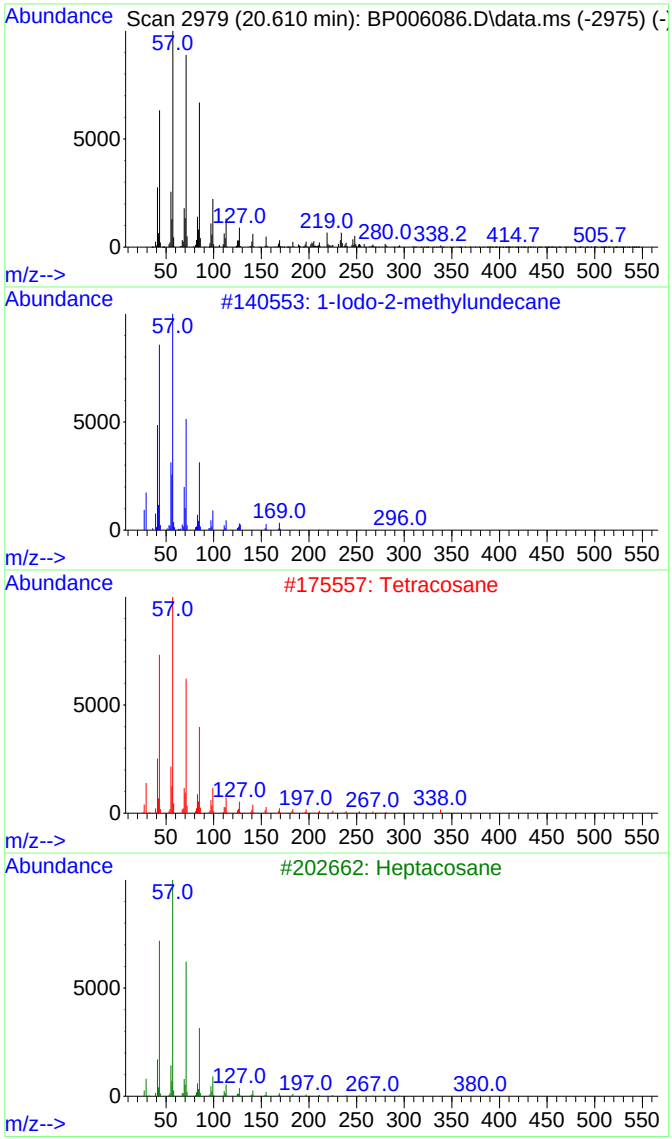
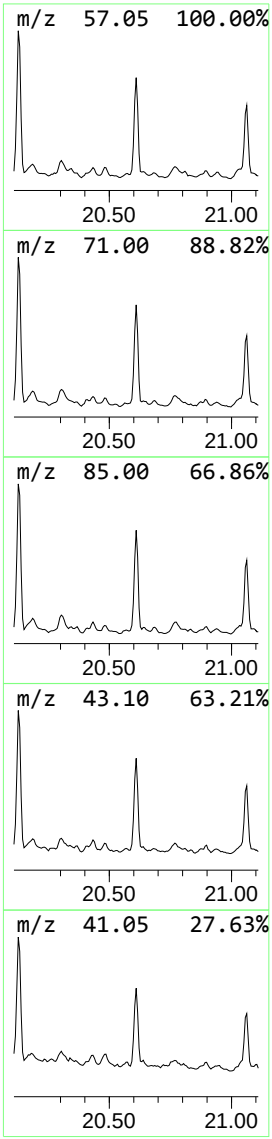
Peak Number 20 1-Iodo-2-methylundecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.610	33.93 ng	3047010	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
Operator : CG/JU
Sample : M2859-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PILE-2-062421

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
Decahydro-4,4,8...	13.328	32.5	ng	4599110	3	14.545	2826490	20.0
Tetradecane	13.375	47.9	ng	6770630	3	14.545	2826490	20.0
Pentadecane	14.451	73.0	ng	10318400	3	14.545	2826490	20.0
Naphthalene, 2,...	14.757	39.1	ng	5529170	3	14.545	2826490	20.0
Naphthalene, 1,...	14.945	40.2	ng	5675910	3	14.545	2826490	20.0
Hexadecane	15.398	67.0	ng	9471430	3	14.545	2826490	20.0
Pentadecane, 2,...	15.804	58.0	ng	8195070	3	14.545	2826490	20.0
Heptadecane	16.269	161.5	ng	15780300	4	17.298	1954340	20.0
4,4'-Dimethylbi...	16.657	42.3	ng	4133320	4	17.298	1954340	20.0
Heneicosane	17.057	87.7	ng	8571770	4	17.298	1954340	20.0
Hexadecane, 2,6...	17.110	125.9	ng	12305800	4	17.298	1954340	20.0
unknown17.704	17.704	46.5	ng	4541510	4	17.298	1954340	20.0
Nonadecane	17.792	102.3	ng	9996020	4	17.298	1954340	20.0
Phenanthrene, 1...	18.163	38.8	ng	3789070	4	17.298	1954340	20.0
Anthracene, 9-m...	18.210	54.8	ng	5356470	4	17.298	1954340	20.0
Eicosane	18.457	83.1	ng	8119750	4	17.298	1954340	20.0
Phenanthrene, 2...	19.057	131.1	ng	12806000	4	17.298	1954340	20.0
Phenanthrene, 2...	19.727	53.0	ng	4754390	5	21.363	1795800	20.0
Pentadecane, 8-...	20.127	39.8	ng	3577030	5	21.363	1795800	20.0
1-Iodo-2-methyl...	20.610	33.9	ng	3047010	5	21.363	1795800	20.0