LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-PILE-18

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_F\Methods\8270-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131377.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.311	29	38	43	rBV	937792	1271358	47.76%	4.371%
2	3.528	242	245	255	rBV	17739	31632	1.19%	0.109%
3	5.187	522	527	536	rVB	355713	429724	16.14%	1.477%
4	5.569	587	592	595	rBV	2673083	2657111	99.83%	9.135%
5	6.569	756	762	765	rBV	2345706	2661748	100.00%	9.151%
6	6.951	823	827	831	rBV	838210	692663	26.02%	2.381%
7	7.522	916	924	926	rBV	1646649	1675183	62.94%	5.759%
8	8.134	1024	1028	1042	rBV	268259	231717	8.71%	0.797%
9	8.240	1042	1046	1049	rVV	977285	860144	32.32%	2.957%
10	8.263	1049	1050	1053	rVB	108370	56852	2.14%	0.195%
11	9.322	1224	1230	1233	rBV	3229373	2653851	99.70%	9.124%
12	10.004	1339	1346	1349	rBV	1047346	838728	31.51%	2.884%
13	10.039	1349	1352	1355	rVB	66536	55273	2.08%	0.190%
14	10.210	1378	1381	1385	rVB	38590	31641	1.19%	0.109%
15	10.551	1436	1439	1443	rBV	55063	49662	1.87%	0.171%
16	10.798	1477	1481	1484	rBV	1633463	1415821	53.19%	4.868%
17	11.357	1570	1576	1580	rBV2	50560	56736	2.13%	0.195%
18	11.398	1580	1583	1586	rVB	45938	43915	1.65%	0.151%
19	11.504	1597	1601	1603	rBV	742911	743955	27.95%	2.558%
20	11.528	1603	1605	1608	rVV	808551	616003	23.14%	2.118%
21	11.575	1608	1613	1616	rVB	200502	184822	6.94%	0.635%
22	11.728	1634	1639	1644	rBV2	176679	175050	6.58%	0.602%
23	12.004	1680	1686	1687	rBV	97244	85398	3.21%	0.294%
24	12.033	1687	1691	1695	rVV3	168198	242357	9.11%	0.833%
25	12.080	1695	1699	1702	rVV	60998	57926	2.18%	0.199%
26	12.122	1702	1706	1708	rVV	152614	169454	6.37%	0.583%
27	12.139	1708	1709	1713	rVB2	65799	40732	1.53%	0.140%
28	12.304	1734	1737	1739	rBV	59551	43369	1.63%	0.149%
29	12.557	1777	1780	1783	rBV	36574	41120	1.54%	0.141%
30	12.598	1783	1787	1792	rVV4	30961	48118	1.81%	0.165%
31	12.639	1792	1794	1800	rVB3	30194	35494	1.33%	0.122%
32	12.722	1804	1808	1812	rBV	1171429	982772	36.92%	3.379%
33	12.810	1821	1823	1826	rBV2	50174	39798	1.50%	0.137%
34	12.875	1830	1834	1841	rVB2	42491	53646	2.02%	0.184%
35	12.957	1841	1848	1853	rBV2	801751	1041337	39.12%	3.580%
36	12.998	1853	1855	1863	rVB	56866	59986	2.25%	0.206%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-18

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_F\Methods\8270-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.069	1863	1867	1868	rBV	77979	67726	2.54%	0.233%
38	13.098	1868	1872	1879	rVB	2160089	1940403	72.90%	6.671%
39	13.169	1879	1884	1888	rBV2	61229	112116	4.21%	0.385%
40	13.257	1892	1899	1900	rBV4	56828	78082	2.93%	0.268%
41	13.280	1900	1903	1906	rVB	231679	209974	7.89%	0.722%
42	13.351	1912	1915	1917	rBV	187794	170304	6.40%	0.586%
43	13.386	1917	1921	1923	rVV2	104825	118937	4.47%	0.409%
44	13.410	1923	1925	1928	rVB	46441	42157	1.58%	0.145%
45	13.480	1934	1937	1939	rVB	43832	36144	1.36%	0.124%
46	13.510	1939	1942	1945	rBV2	52366	54516	2.05%	0.187%
47	13.669	1965	1969	1970	rBV3	37067	38369	1.44%	0.132%
48	13.710	1974	1976	1979	rVV3	30226	33848	1.27%	0.116%
49	13.769	1982	1986	1987	rBV2	29514	31981	1.20%	0.110%
50	13.786	1987	1989	1994	rVB2	36494	54327	2.04%	0.187%
51	13.904	2004	2009	2012	rBV2	89095	108358	4.07%	0.373%
52	13.933	2012	2014	2016	rVV	96310	80650	3.03%	0.277%
53	13.969	2016	2020	2022	rVV2	62236	96179	3.61%	0.331%
54	13.998	2022	2025	2028	rVB2	58362	54504	2.05%	0.187%
55	14.157	2044	2052	2055	rBV3	890418	1331314	50.02%	4.577%
56	14.186	2055	2057	2062	rVB	575615	471304	17.71%	1.620%
57	14.263	2063	2070	2073	rBV2	139983	212672	7.99%	0.731%
58	14.316	2077	2079	2081	rVV3	47766	46931	1.76%	0.161%
59	14.345	2082	2084	2087	rVV	65661	63032	2.37%	0.217%
60	14.386	2087	2091	2094	rVB2	72099	86887	3.26%	0.299%
61	14.480	2104	2107	2110	rBV2	35233	36888	1.39%	0.127%
62	14.510	2110	2112	2114	rVV	43383	40046	1.50%	0.138%
63	14.545	2114	2118	2121	rVV	134108	155905	5.86%	0.536%
64	14.580	2121	2124	2128	rVV3	66036	77209	2.90%	0.265%
65	14.627	2128	2132	2133	rVV3	64657	76163	2.86%	0.262%
66	14.674	2137	2140	2142	rVV2	69065	74113	2.78%	0.255%
67	14.698	2142	2144	2148	rVV3	79838	86847	3.26%	0.299%
68	14.751	2148	2153	2159	rVB5	34417	73158	2.75%	0.252%
69	14.863	2169	2172	2175	rBV4	35907	48307	1.81%	0.166%
70	14.951	2185	2187	2191	rVB	59067	58503	2.20%	0.201%
71	15.239	2231	2236	2239	rBV	312000	527620	19.82%	1.814%
72	15.316	2246	2249	2252	rBV	63261	68643	2.58%	0.236%
73	15.351	2252	2255	2259	rVB	73253	75053	2.82%	0.258%
74	15.563	2286	2291	2297	rVB	165654	246594	9.26%	0.848%
75	15.627	2297	2302	2308	rBV	279167	346170	13.01%	1.190%
76	15.692	2308	2313	2317	rBV	356003	498746	18.74%	1.715%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
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Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-18

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_F\Methods\8270-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.727	2317	2319	2325	rVB2	129924	159579	6.00%	0.549%
78	16.204	2396	2400	2405	rVB2	65779	96299	3.62%	0.331%
79	16.757	2488	2494	2500	rBV2	43015	90460	3.40%	0.311%
80	17.251	2573	2578	2587	rVB2	86566	191026	7.18%	0.657%
81	17.733	2654	2660	2665	rBV	51111	96561	3.63%	0.332%
82	17.974	2697	2701	2710	rVB2	20794	46516	1.75%	0.160%

Sum of corrected areas: 29086217

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Instrument :
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ClientSampleId :
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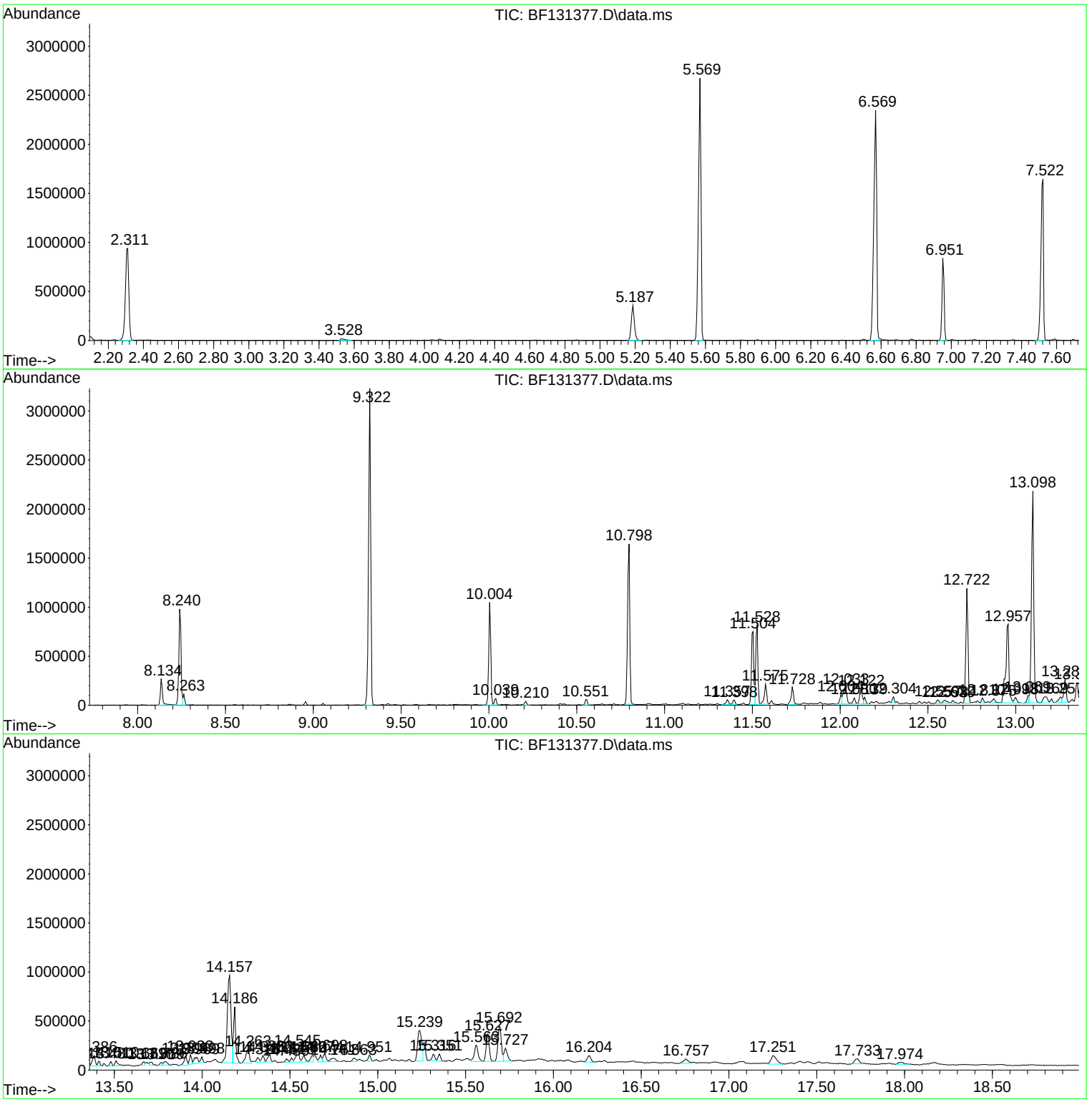
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

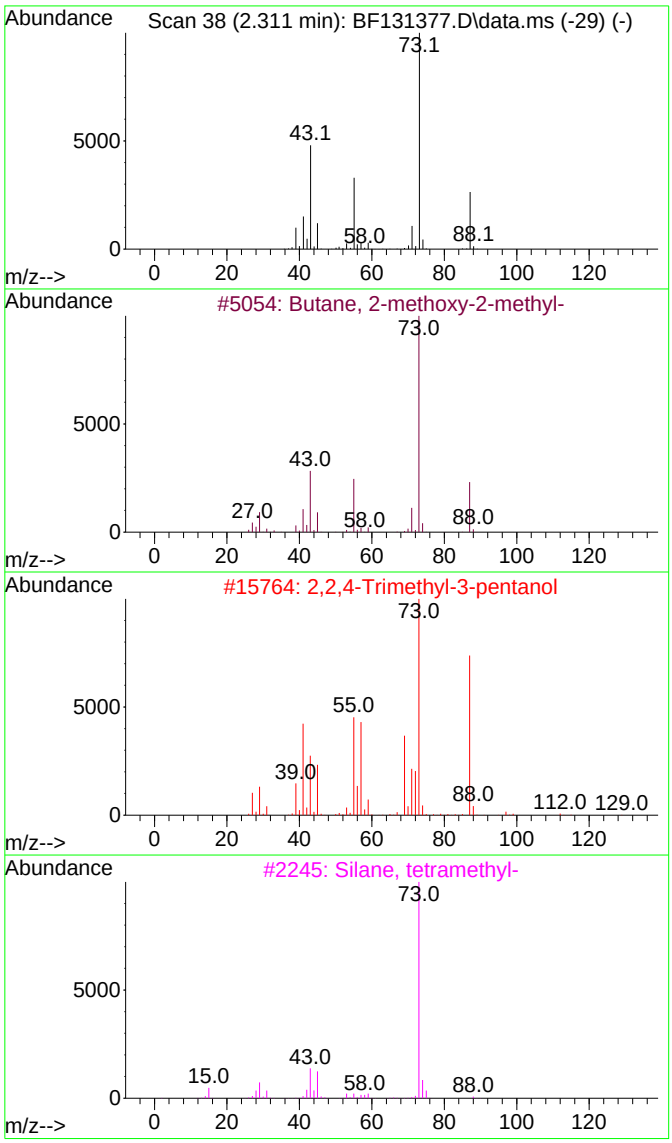
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

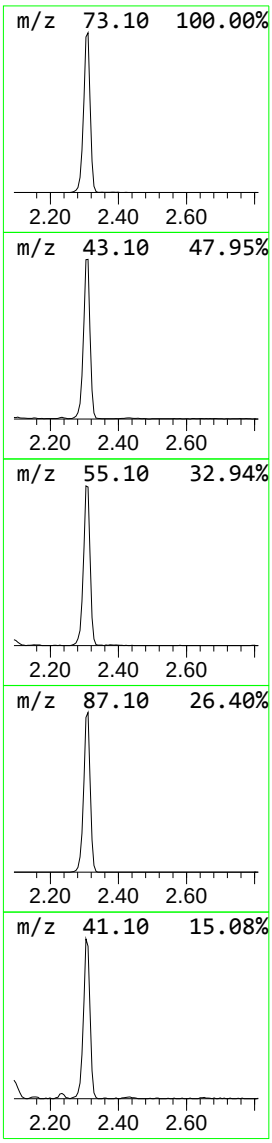
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.311	36.71 ng	1271360	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
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Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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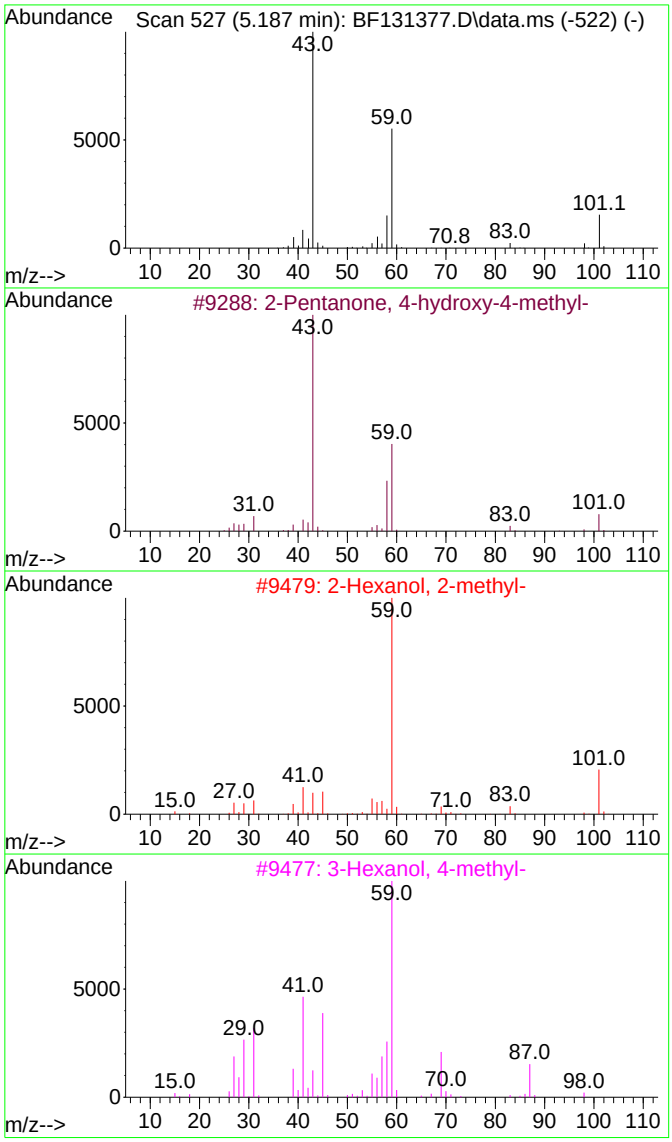
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

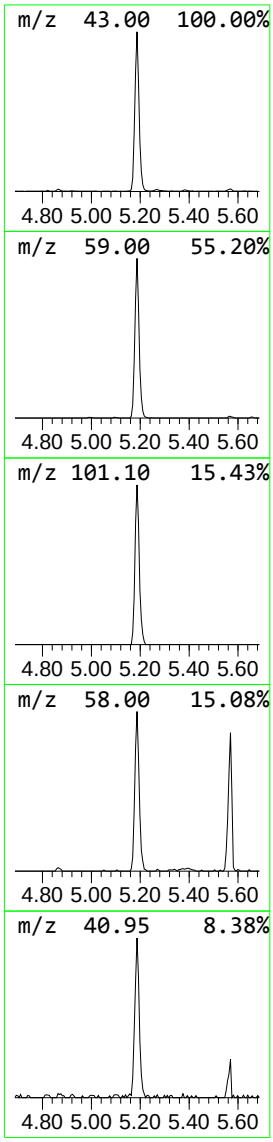
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	12.41 ng	429724	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

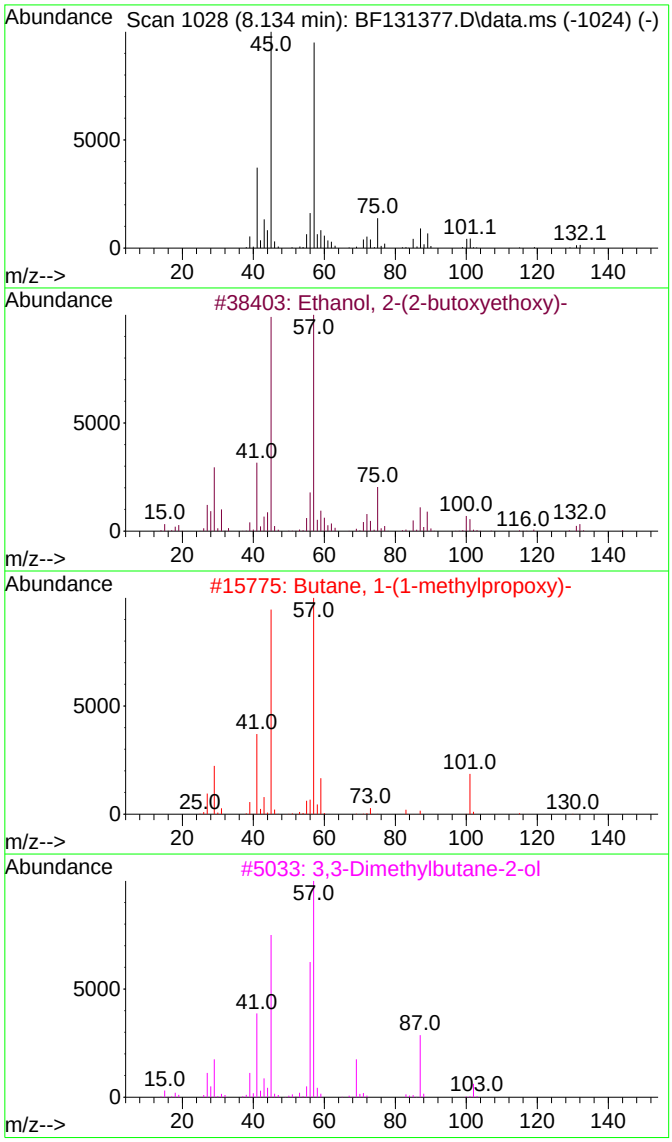
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

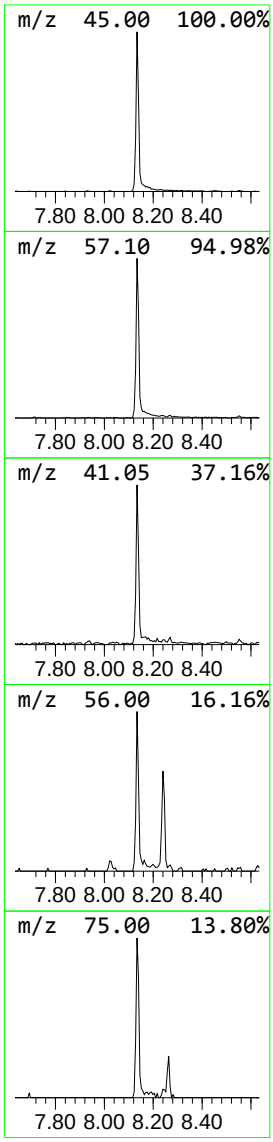
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	5.39 ng	231717	Naphthalene-d8	8.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

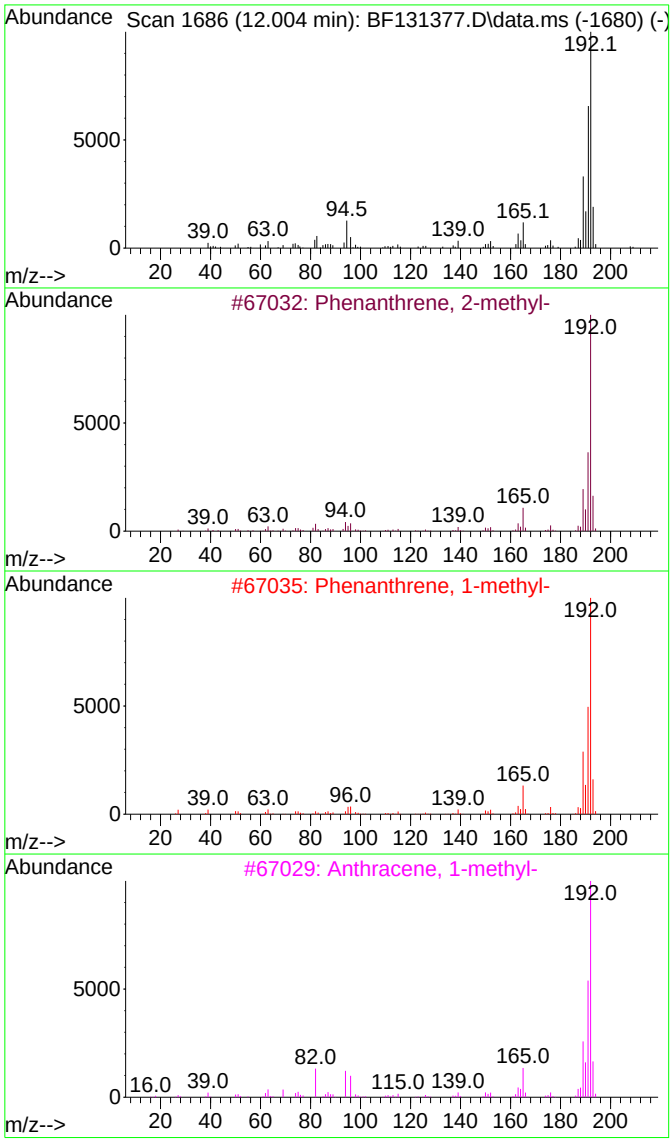
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

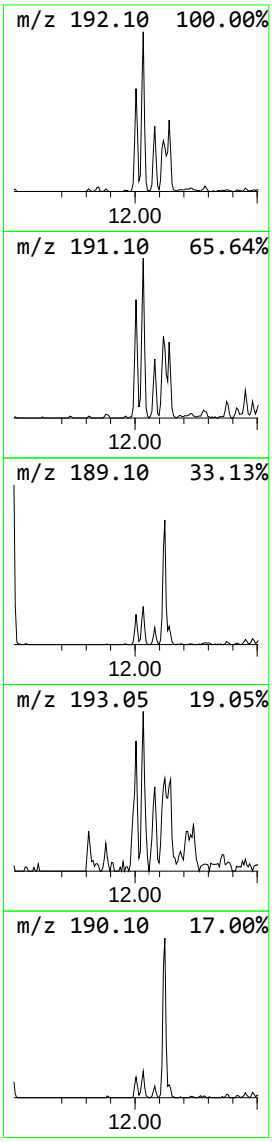
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	2.30 ng	85398	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

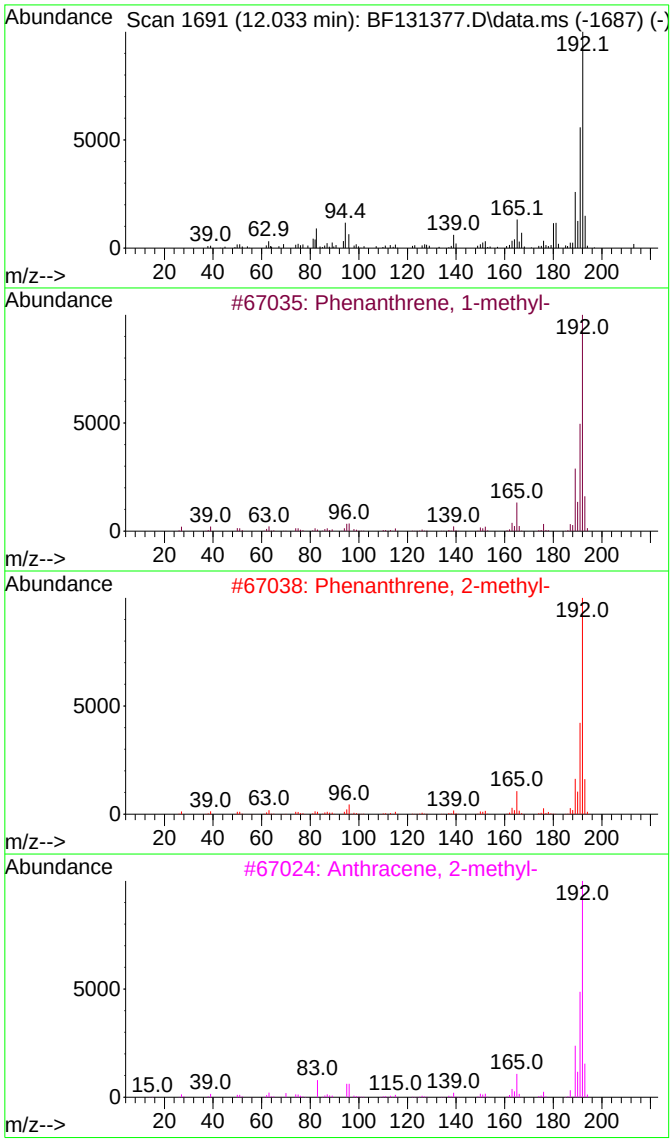
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

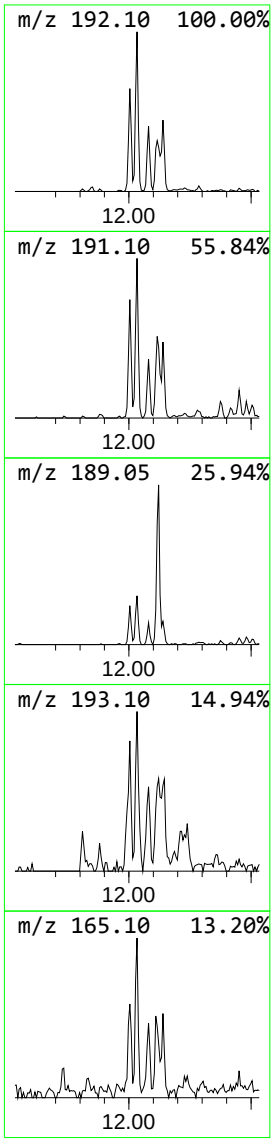
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	6.52 ng	242357	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-18

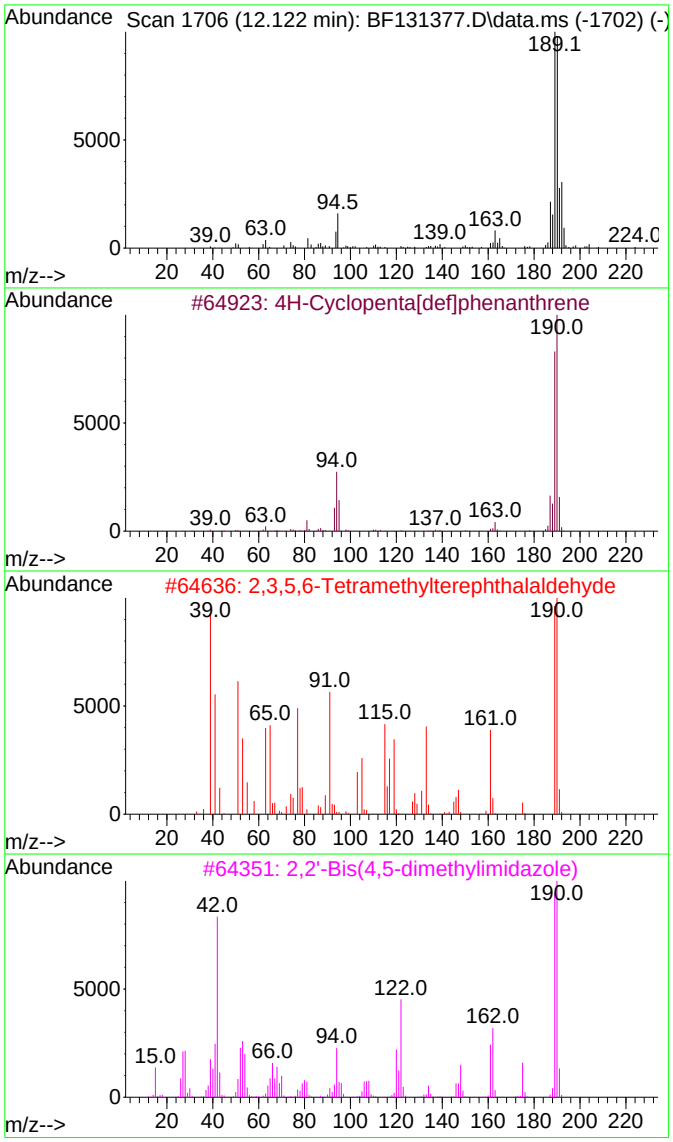
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

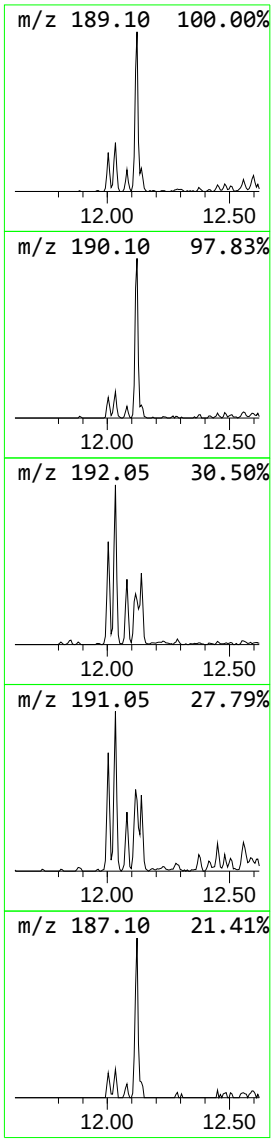
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	4.56 ng	169454	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	23





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Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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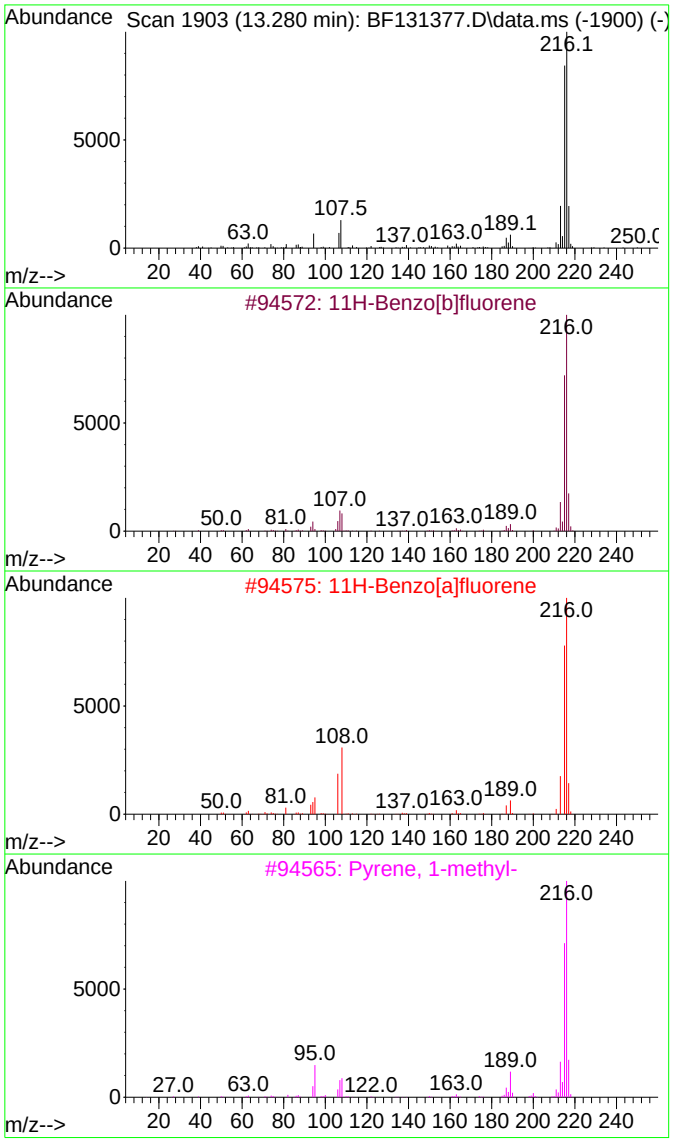
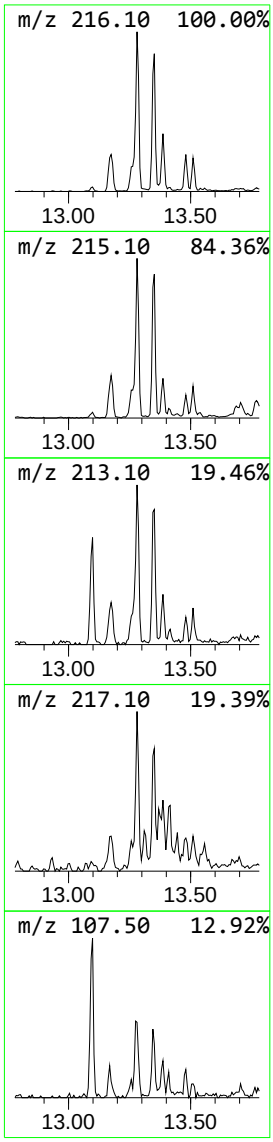
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	3.15 ng	209974	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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ClientSampleId :
SOIL-PILE-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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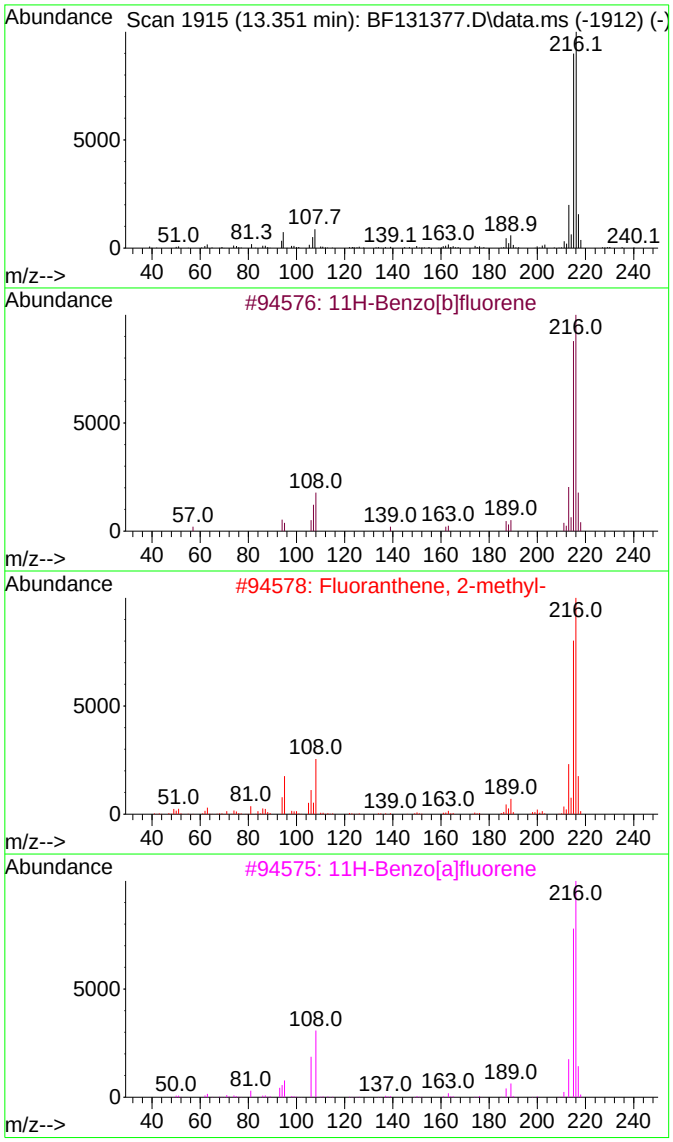
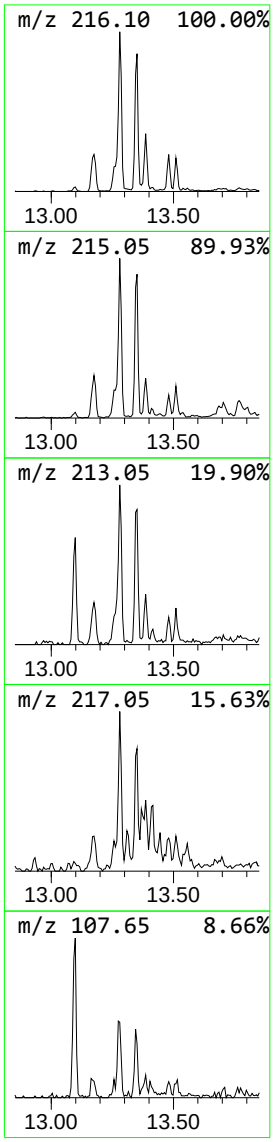
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	2.56 ng	170304	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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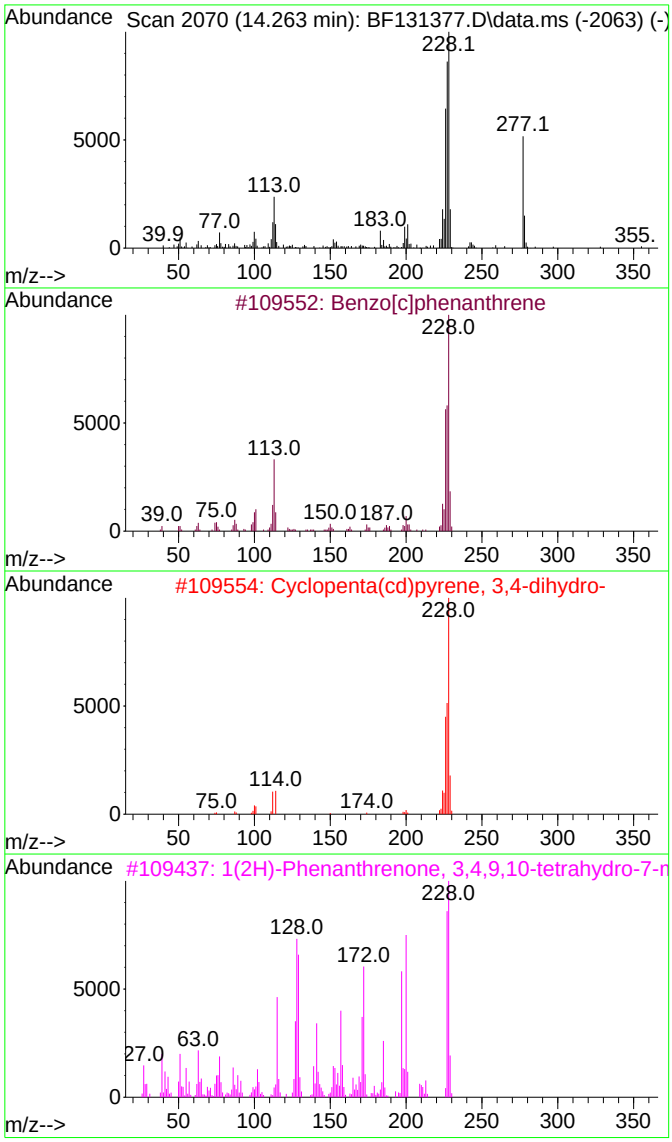
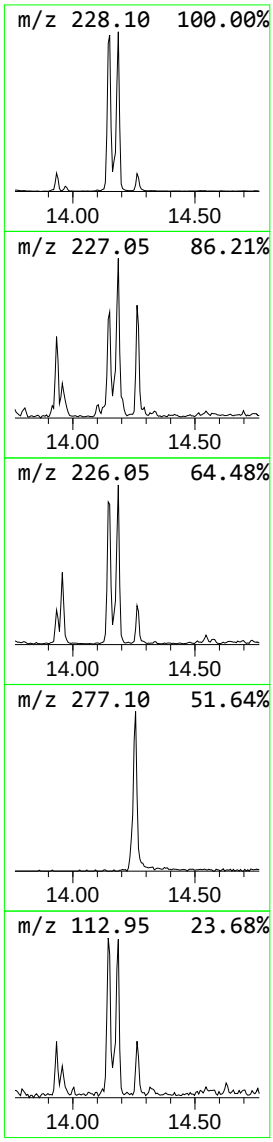
Peak Number 9 Benzo[c]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	3.19 ng	212672	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	45
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	43
5	5-(4-Methoxyphenyl)-4H,5H-[1,2,4...	228	C12H12N4O	1000459-36-6	38





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Instrument :
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ClientSampleId :
SOIL-PILE-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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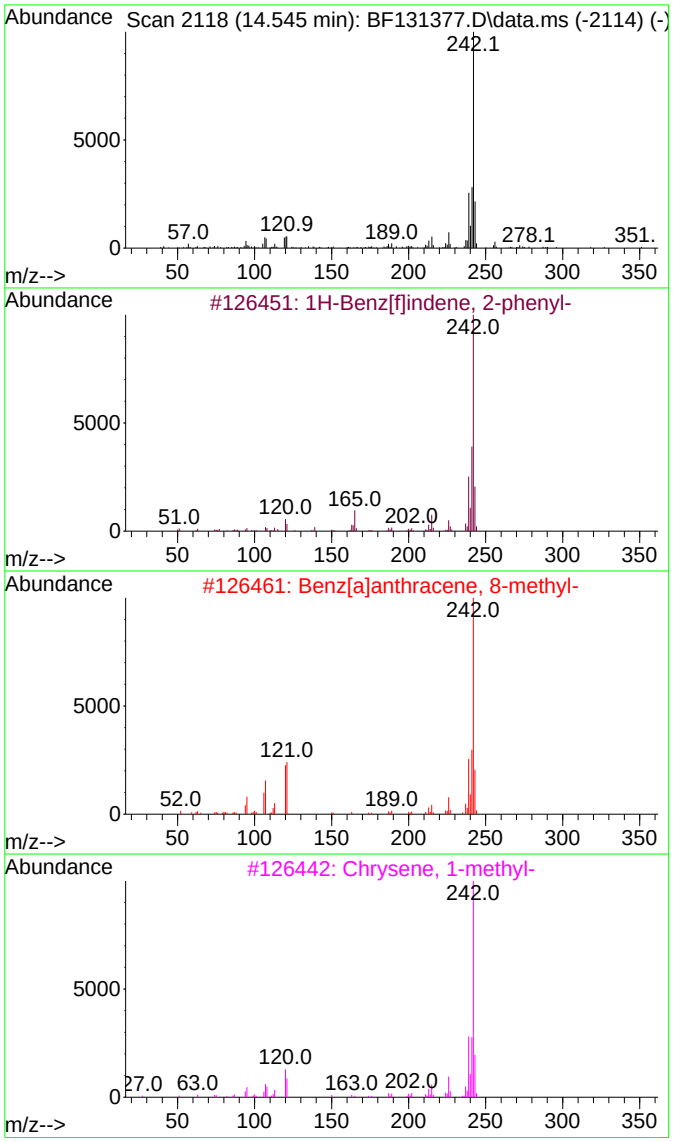
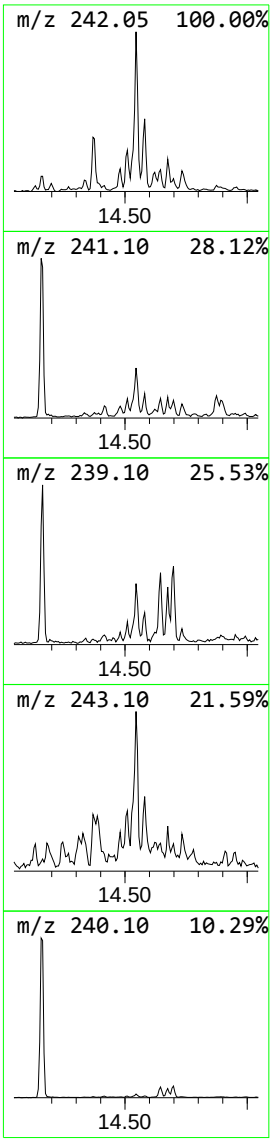
Peak Number 10 1H-Benz[f]indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	2.34 ng	155905	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
5	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	93





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Sample : N5641-18
Misc :
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ClientSampleId :
SOIL-PILE-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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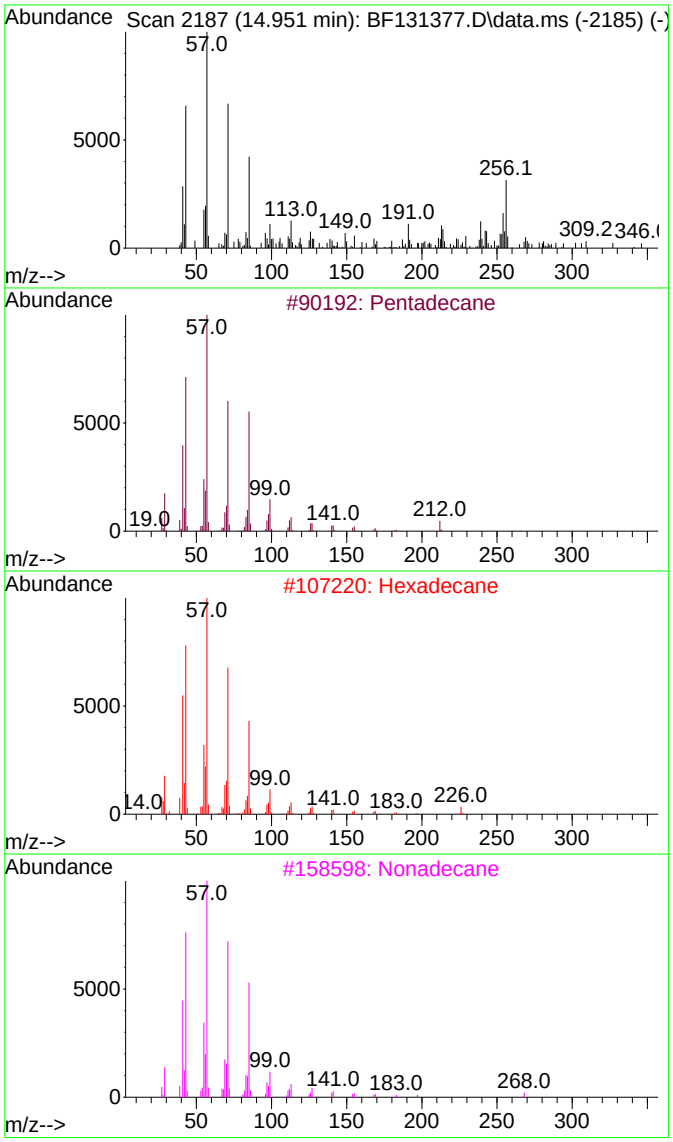
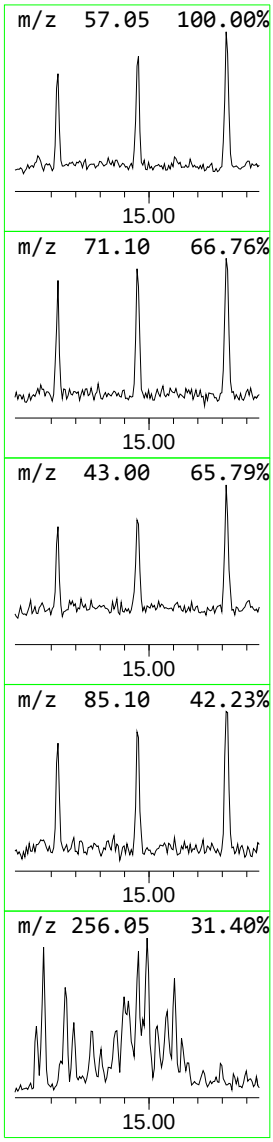
Peak Number 11 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	2.35 ng	58503	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Hexadecane	226	C16H34	000544-76-3	55
3	Nonadecane	268	C19H40	000629-92-5	55
4	Octadecane	254	C18H38	000593-45-3	53
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	52





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Operator : CG\JU
Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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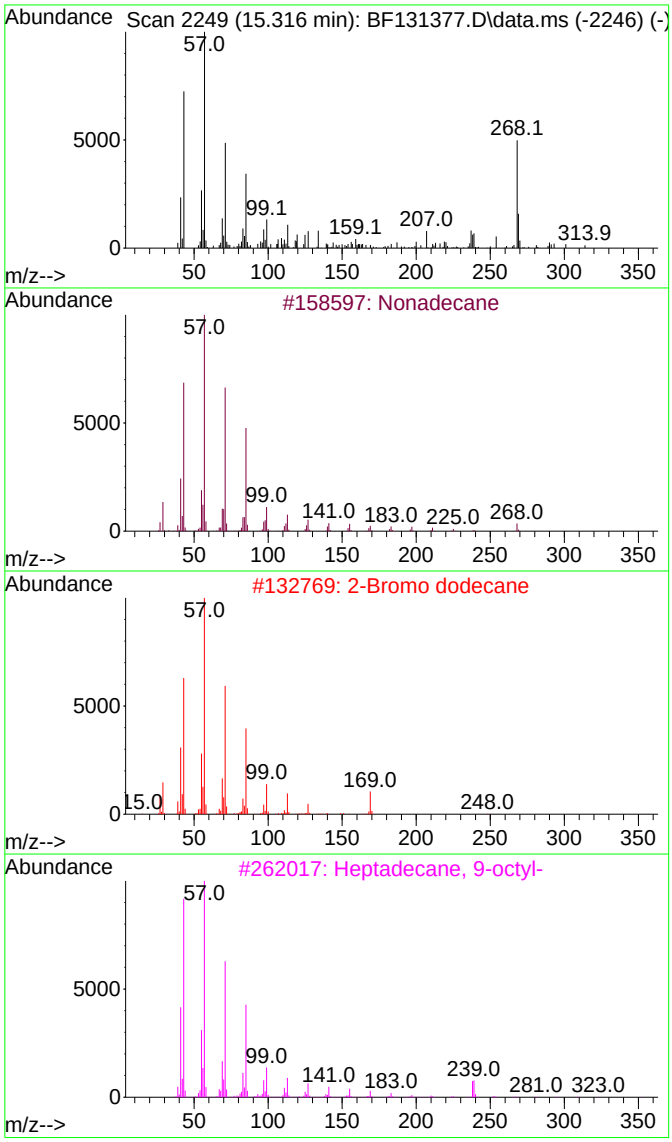
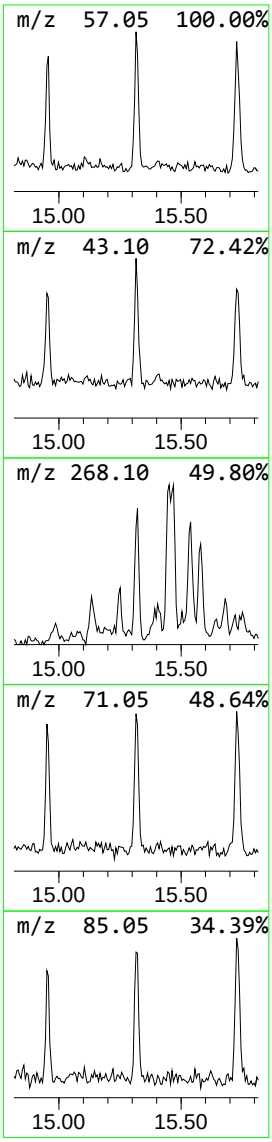
Peak Number 12 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	2.75 ng	68643	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	50
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49
4	Octadecane	254	C18H38	000593-45-3	49
5	1-Iodoundecane	282	C11H23I	004282-44-4	46





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Sample : N5641-18
Misc :
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Instrument :
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ClientSampleId :
SOIL-PILE-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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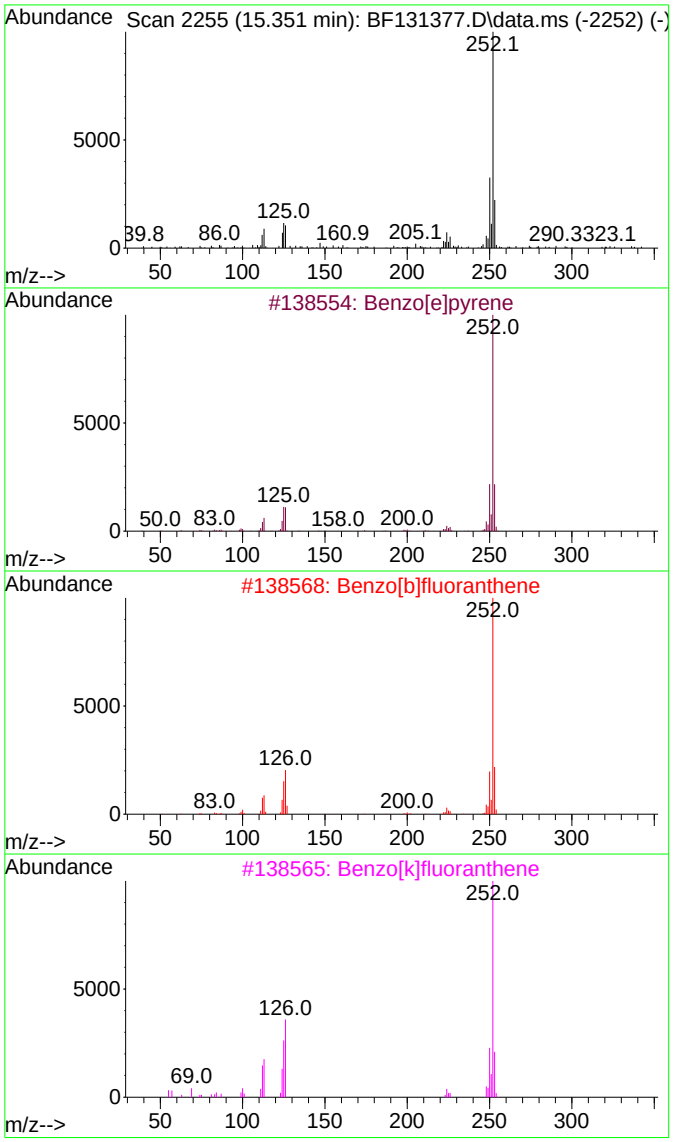
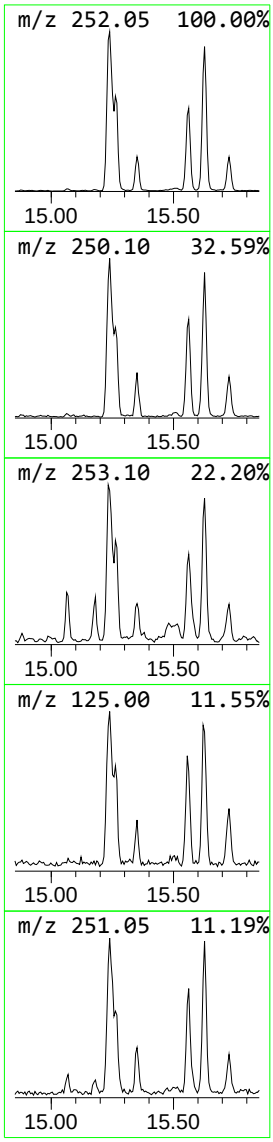
Peak Number 13 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	3.01 ng	75053	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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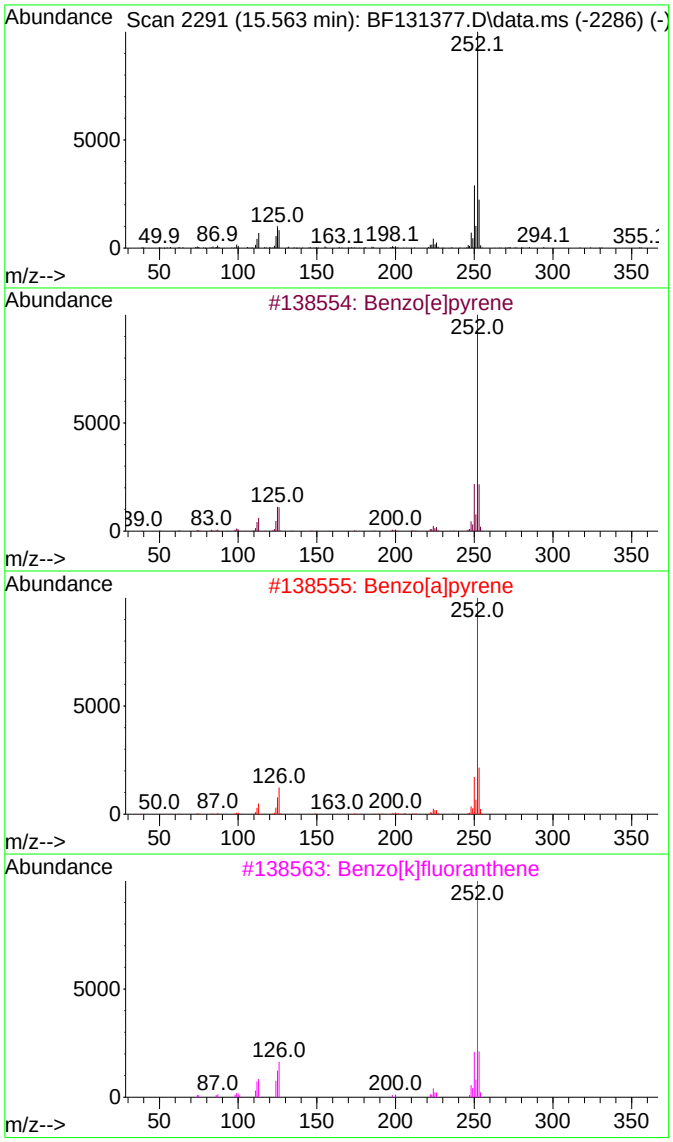
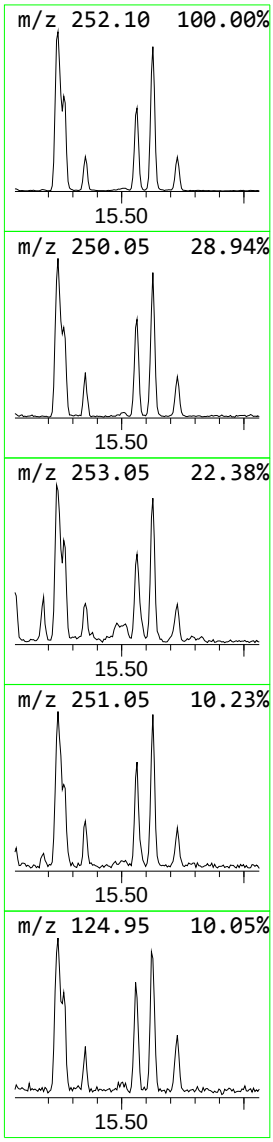
Peak Number 14 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.563	9.89 ng	246594	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	89





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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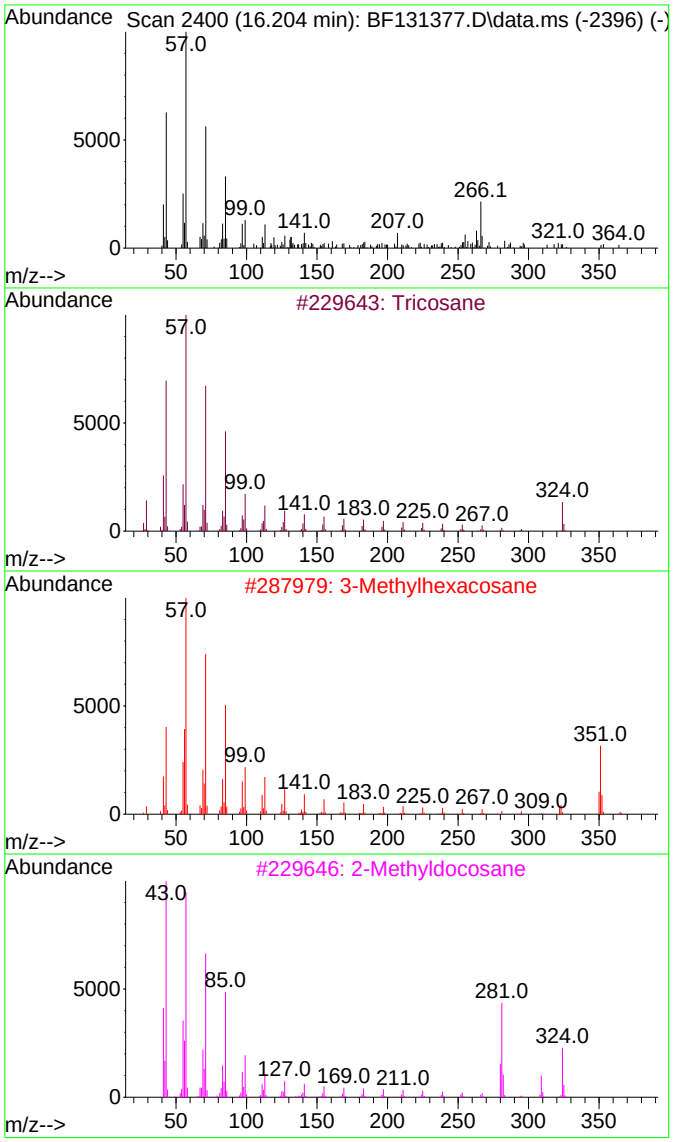
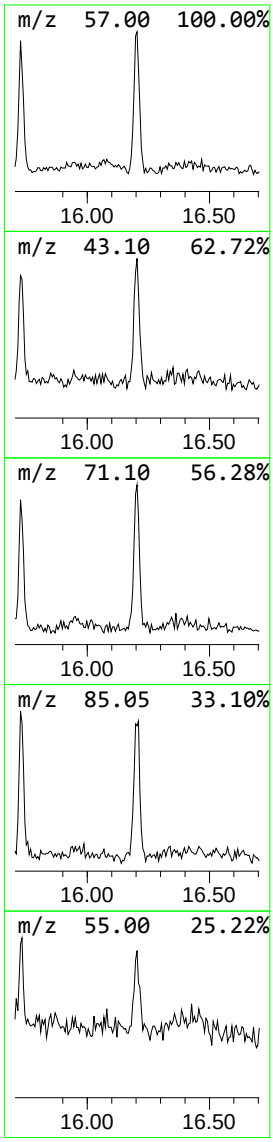
Peak Number 15 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	3.86 ng	96299	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	70
2	3-Methylhexacosane	380	C27H56	065820-56-6	59
3	2-Methyldocosane	324	C23H48	001560-81-2	43
4	Docosane, 10-ethyl-10-propyl-	380	C27H56	055282-31-0	42
5	Eicosane, 10-butyl-10-propyl-	380	C27H56	055282-33-2	38





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Sample : N5641-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SOIL-PILE-18

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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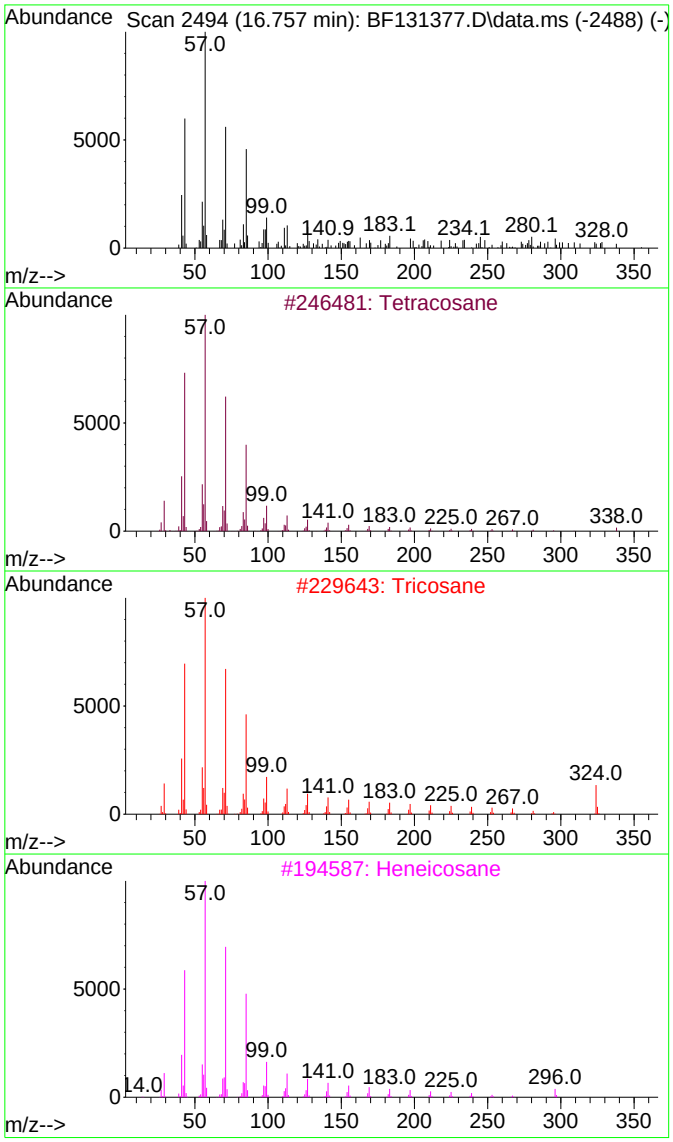
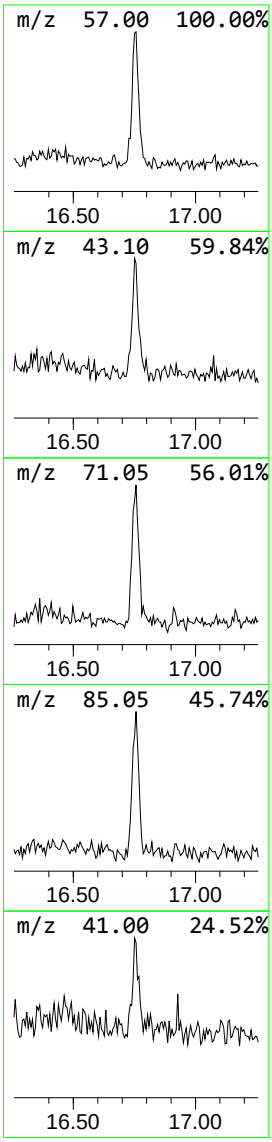
Peak Number 16 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	3.63 ng	90460	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Tricosane	324	C23H48	000638-67-5	64
3	Heneicosane	296	C21H44	000629-94-7	55
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	52
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131377.D
Acq On : 23 Nov 2022 23:48
Operator : CG\JU
Sample : N5641-18
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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.311	36.7	ng	1271360	1	6.951	692663	20.0
2-Pentanone, 4-...	5.187	12.4	ng	429724	1	6.951	692663	20.0
Ethanol, 2-(2-b...	8.134	5.4	ng	231717	2	8.240	860144	20.0
Phenanthrene, 2...	12.004	2.3	ng	85398	4	11.504	743955	20.0
Phenanthrene, 1...	12.033	6.5	ng	242357	4	11.504	743955	20.0
4H-Cyclopenta[d...	12.122	4.6	ng	169454	4	11.504	743955	20.0
11H-Benzo[b]flu...	13.280	3.1	ng	209974	5	14.157	1331310	20.0
Fluoranthene, 2...	13.351	2.6	ng	170304	5	14.157	1331310	20.0
Benzo[c]phenant...	14.263	3.2	ng	212672	5	14.157	1331310	20.0
1H-Benz[f]inden...	14.545	2.3	ng	155905	5	14.157	1331310	20.0
Pentadecane	14.951	2.4	ng	58503	6	15.692	498746	20.0
Nonadecane	15.316	2.8	ng	68643	6	15.692	498746	20.0
Benzo[e]pyrene	15.351	3.0	ng	75053	6	15.692	498746	20.0
Perylene	15.563	9.9	ng	246594	6	15.692	498746	20.0
Tricosane	16.204	3.9	ng	96299	6	15.692	498746	20.0
Tetracosane	16.757	3.6	ng	90460	6	15.692	498746	20.0