LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.746	277	282	293	rVB2	11184	20222	2.13%	0.125%
2	4.951	485	487	498	rBV	51428	73134	7.70%	0.451%
3	5.375	556	559	578	rBV	747735	923082	97.16%	5.694%
4	5.998	663	665	668	rVB	19214	17098	1.80%	0.105%
5	6.392	729	732	752	rBV	809352	932567	98.16%	5.752%
6	6.563	757	761	764	rBV3	19427	21785	2.29%	0.134%
7	6.740	787	791	797	rBV	459736	436662	45.96%	2.693%
8	7.304	884	887	903	rBV	648342	597758	62.92%	3.687%
9	7.757	961	964	969	rBV4	12928	16983	1.79%	0.105%
10	8.016	1005	1008	1010	rVV	672604	536854	56.51%	3.311%
11	8.039	1010	1012	1016	rVV	278373	236260	24.87%	1.457%
12	8.434	1075	1079	1083	rBV2	17137	16774	1.77%	0.103%
13	8.604	1105	1108	1111	rVB	40450	29353	3.09%	0.181%
14	8.734	1127	1130	1137	rBV	140842	123624	13.01%	0.763%
15	8.828	1142	1146	1154	rVB	111706	106536	11.21%	0.657%
16	9.092	1188	1191	1195	rBV	1241352	950055	100.00%	5.860%
17	9.169	1201	1204	1207	rBV	42418	35820	3.77%	0.221%
18	9.198	1207	1209	1210	rBV	25192	17900	1.88%	0.110%
19	9.292	1222	1225	1233	rVB2	12333	17755	1.87%	0.110%
20	9.363	1233	1237	1241	rBV2	41262	55245	5.81%	0.341%
21	9.433	1245	1249	1252	rBV	67006	72542	7.64%	0.447%
22	9.463	1252	1254	1257	rVB	34565	30441	3.20%	0.188%
23	9.551	1266	1269	1275	rBV	36403	41705	4.39%	0.257%
24	9.639	1281	1284	1288	rBV	93955	83378	8.78%	0.514%
25	9.704	1292	1295	1299	rBV	43785	35822	3.77%	0.221%
26	9.775	1299	1307	1310	rBV	651318	518967	54.62%	3.201%
27	9.810	1310	1313	1316	rVB	59069	57974	6.10%	0.358%
28	9.880	1322	1325	1329	rVB4	16277	22017	2.32%	0.136%
29	9.986	1337	1343	1346	rVV2	54215	66833	7.03%	0.412%
30	10.022	1346	1349	1352	rVV3	27062	25869	2.72%	0.160%
31	10.092	1358	1361	1364	rBV	28103	32260	3.40%	0.199%
32	10.122	1364	1366	1372	rVB3	20198	24978	2.63%	0.154%
33	10.180	1372	1376	1378	rBV4	17300	24934	2.62%	0.154%
34	10.204	1378	1380	1383	rVB	52581	38565	4.06%	0.238%
35	10.328	1398	1401	1407	rVB	98165	97703	10.28%	0.603%
36	10.422	1413	1417	1424	rVV6	18578	40674	4.28%	0.251%

LSC Area Percent Report

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Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.486	1424	1428	1431	rVB2	22144	24708	2.60%	0.152%
38	10.575	1439	1443	1449	rBV	468605	435559	45.85%	2.687%
39	10.692	1458	1463	1470	rBV2	60349	91191	9.60%	0.562%
40	10.880	1490	1495	1497	rBV2	28491	42756	4.50%	0.264%
41	10.910	1497	1500	1502	rVB	19800	18976	2.00%	0.117%
42	10.963	1506	1509	1512	rVB2	22584	20620	2.17%	0.127%
43	11.010	1512	1517	1519	rBV6	19953	29953	3.15%	0.185%
44	11.086	1526	1530	1534	rBV4	15708	23170	2.44%	0.143%
45	11.133	1534	1538	1540	rVV2	61952	65085	6.85%	0.401%
46	11.169	1540	1544	1549	rVB2	66305	80493	8.47%	0.496%
47	11.275	1558	1562	1564	rBV	500249	499583	52.58%	3.082%
48	11.298	1564	1566	1570	rVV	515939	427879	45.04%	2.639%
49	11.351	1572	1575	1578	rVV	163978	142397	14.99%	0.878%
50	11.386	1578	1581	1583	rVV3	19187	31422	3.31%	0.194%
51	11.439	1587	1590	1593	rVB5	14739	18565	1.95%	0.115%
52	11.516	1599	1603	1608	rBV	56296	74444	7.84%	0.459%
53	11.563	1608	1611	1614	rVV2	83583	78379	8.25%	0.483%
54	11.604	1614	1618	1624	rVV	46376	52665	5.54%	0.325%
55	11.692	1630	1633	1637	rBV	24315	29197	3.07%	0.180%
56	11.774	1644	1647	1650	rVV	92831	96491	10.16%	0.595%
57	11.804	1650	1652	1658	rVV	215866	231674	24.39%	1.429%
58	11.857	1658	1661	1663	rVV	53950	50123	5.28%	0.309%
59	11.886	1663	1666	1669	rVV	186741	201240	21.18%	1.241%
60	11.910	1669	1670	1674	rVV	75349	62181	6.54%	0.384%
61	11.969	1677	1680	1683	rVV	90056	77921	8.20%	0.481%
62	12.010	1685	1687	1690	rVB	24146	23431	2.47%	0.145%
63	12.074	1695	1698	1701	rBV	71429	66426	6.99%	0.410%
64	12.204	1718	1720	1722	rBV	23823	23799	2.51%	0.147%
65	12.257	1726	1729	1731	rVV2	57767	49800	5.24%	0.307%
66	12.280	1731	1733	1736	rVB3	26938	26545	2.79%	0.164%
67	12.327	1736	1741	1744	rBV2	99244	145238	15.29%	0.896%
68	12.363	1744	1747	1750	rVB3	120377	114960	12.10%	0.709%
69	12.433	1754	1759	1761	rBV2	44596	59755	6.29%	0.369%
70	12.498	1766	1770	1773	rBV	796300	711861	74.93%	4.391%
71	12.598	1784	1787	1792	rVB2	83830	87354	9.19%	0.539%
72	12.651	1793	1796	1798	rVV	58628	51249	5.39%	0.316%
73	12.674	1798	1800	1803	rVB2	22127	18734	1.97%	0.116%
74	12.727	1803	1809	1815	rBV	814008	843025	88.73%	5.200%
75	12.780	1815	1818	1822	rBV	47803	50936	5.36%	0.314%
76	12.869	1829	1833	1836	rBV	938144	819911	86.30%	5.057%

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Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.945	1842	1846	1852	rBV6	59905	115415	12.15%	0.712%
78	12.998	1853	1855	1858	rVB3	35271	31123	3.28%	0.192%
79	13.039	1858	1862	1863	rBV3	61689	75548	7.95%	0.466%
80	13.063	1863	1866	1868	rVB	115436	113321	11.93%	0.699%
81	13.098	1868	1872	1874	rBV	123305	116431	12.26%	0.718%
82	13.127	1874	1877	1880	rVB	110984	92062	9.69%	0.568%
83	13.163	1880	1883	1887	rBV2	79930	91150	9.59%	0.562%
84	13.257	1896	1899	1902	rBV	137865	177569	18.69%	1.095%
85	13.286	1902	1904	1908	rVB	63495	76394	8.04%	0.471%
86	13.439	1927	1930	1933	rBV	160886	157539	16.58%	0.972%
87	13.686	1970	1972	1974	rBV	63316	48675	5.12%	0.300%
88	13.710	1974	1976	1979	rVB	49489	37027	3.90%	0.228%
89	13.739	1979	1981	1983	rBV	45002	39576	4.17%	0.244%
90	13.774	1984	1987	1989	rVB2	141065	124469	13.10%	0.768%
91	13.939	2010	2015	2018	rBV2	564479	771866	81.24%	4.761%
92	13.968	2018	2020	2023	rVB	284800	230365	24.25%	1.421%
93	14.092	2038	2041	2049	rVB2	174487	203470	21.42%	1.255%
94	14.398	2090	2093	2097	rBV	191966	197047	20.74%	1.215%
95	14.704	2142	2145	2151	rVB	163216	156031	16.42%	0.962%
96	14.992	2190	2194	2197	rBV	159054	239976	25.26%	1.480%
97	15.039	2200	2202	2208	rVB	159569	167700	17.65%	1.034%
98	15.292	2243	2245	2249	rVB	74331	82666	8.70%	0.510%
99	15.362	2254	2257	2260	rVB	122402	131225	13.81%	0.809%
100	15.421	2263	2267	2270	rBV	287443	355677	37.44%	2.194%

Sum of corrected areas: 16212147

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135871.D
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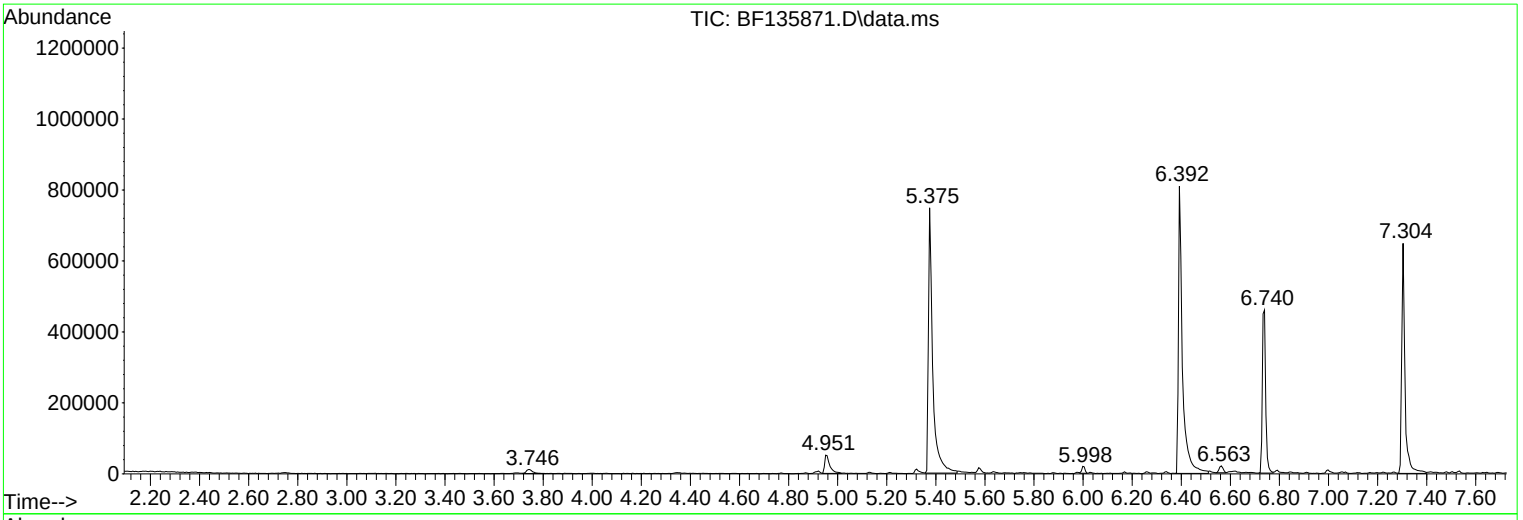
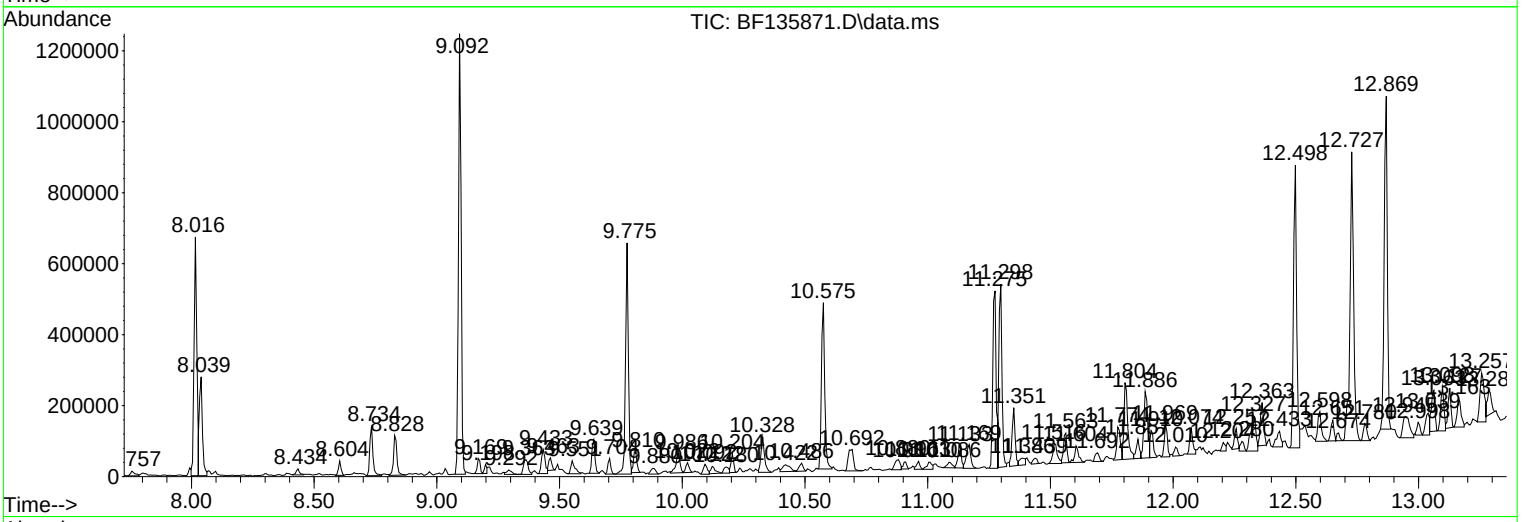
Misc :
ALS Vial : 17 Sample Multiplier: 1

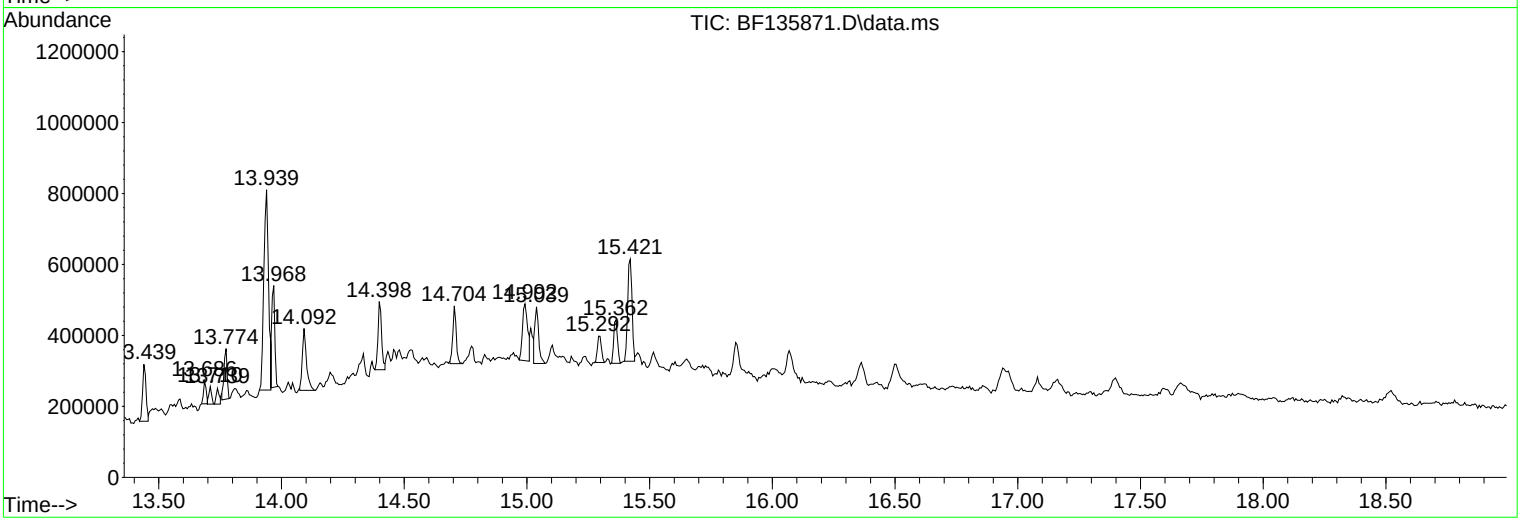
Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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BNA_F
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WC-1

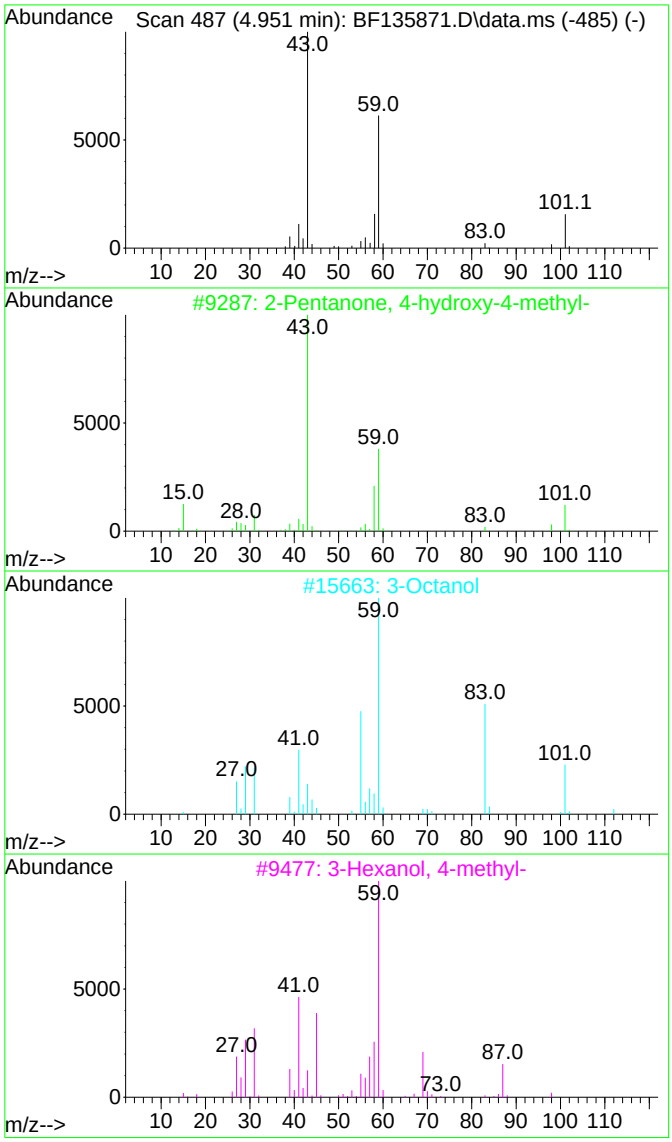
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

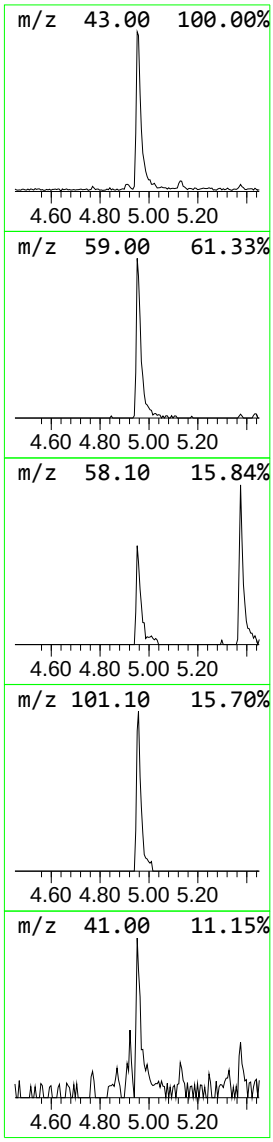
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.951	3.35 ng	73134	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

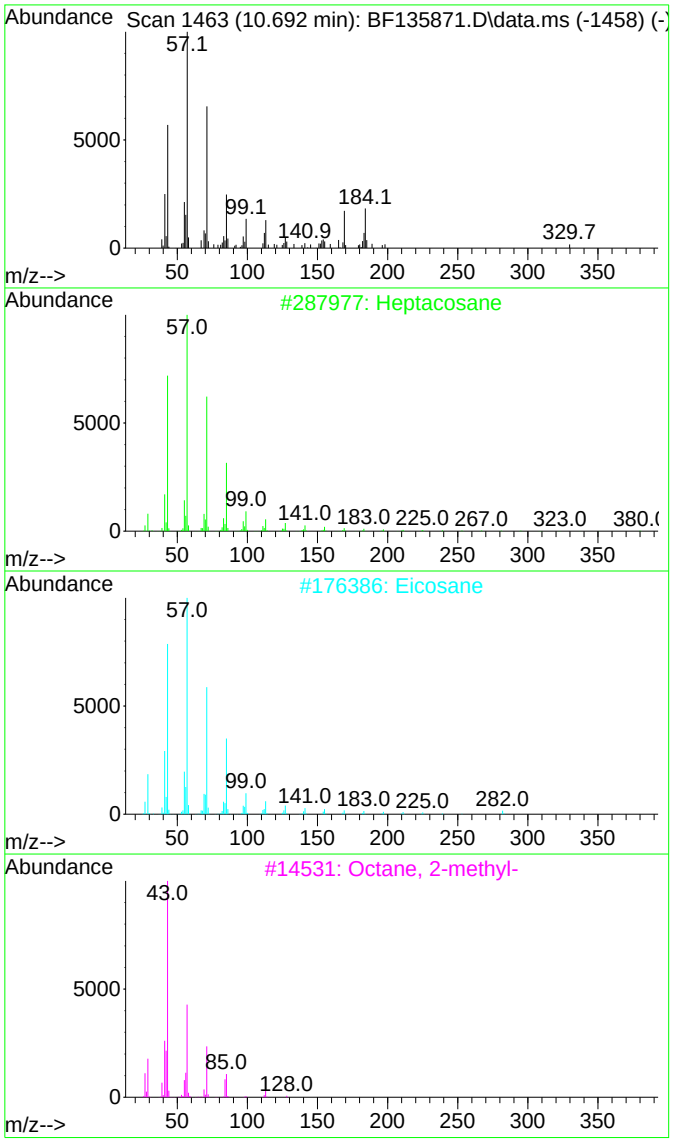
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

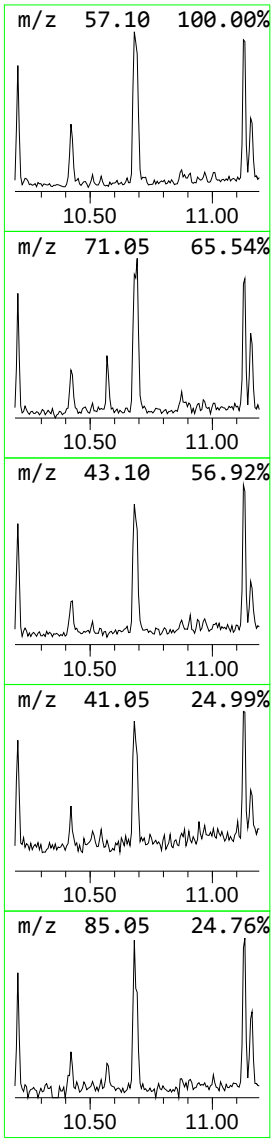
****

Peak Number 2 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	3.65 ng	91191	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Eicosane	282	C20H42	000112-95-8	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	58
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	52
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

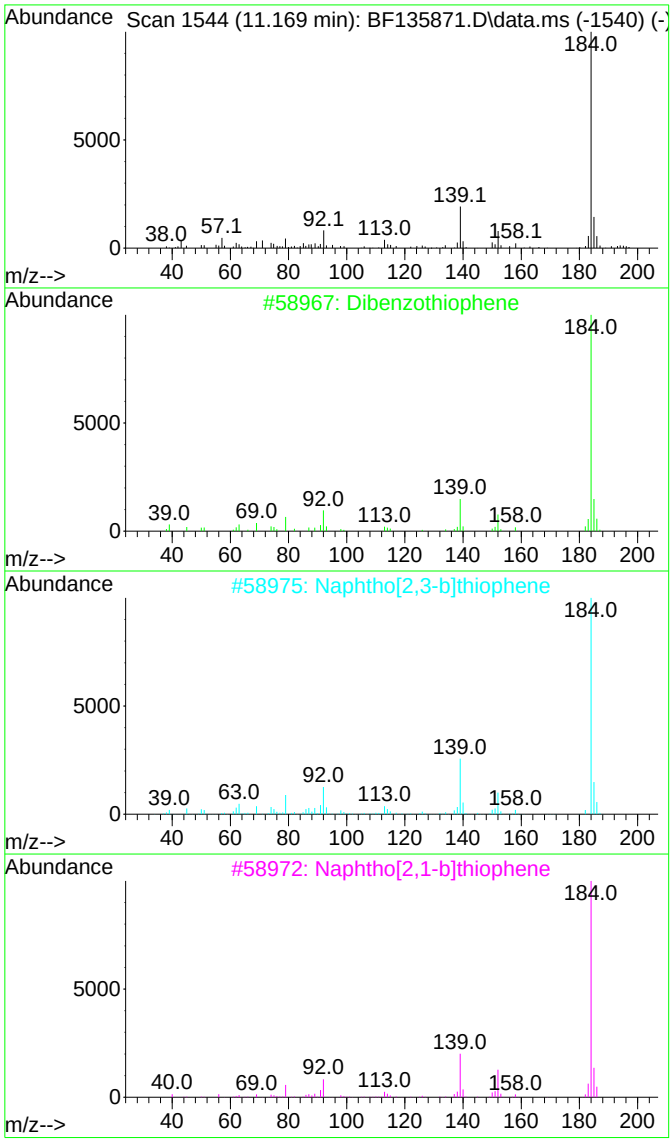
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

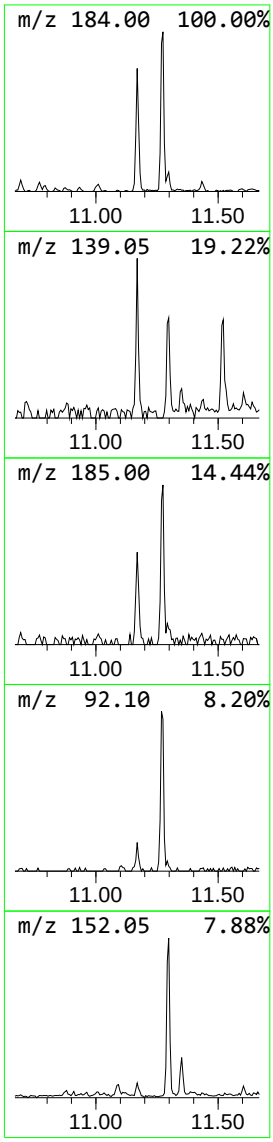
****

Peak Number 3 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	3.22 ng	80493	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	86
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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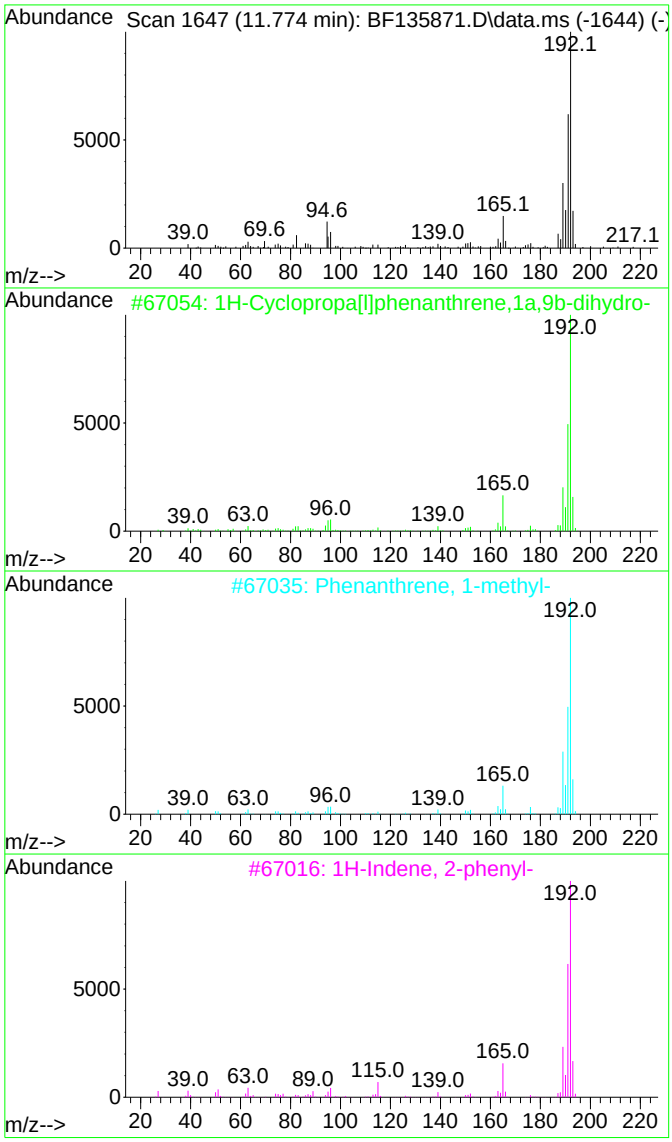
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

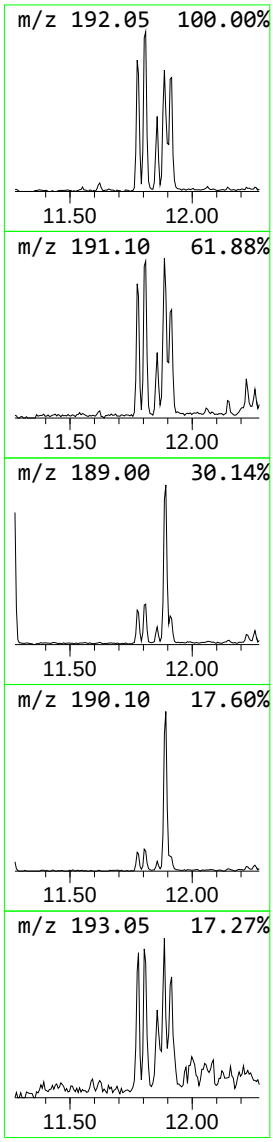
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	3.86 ng	96491	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

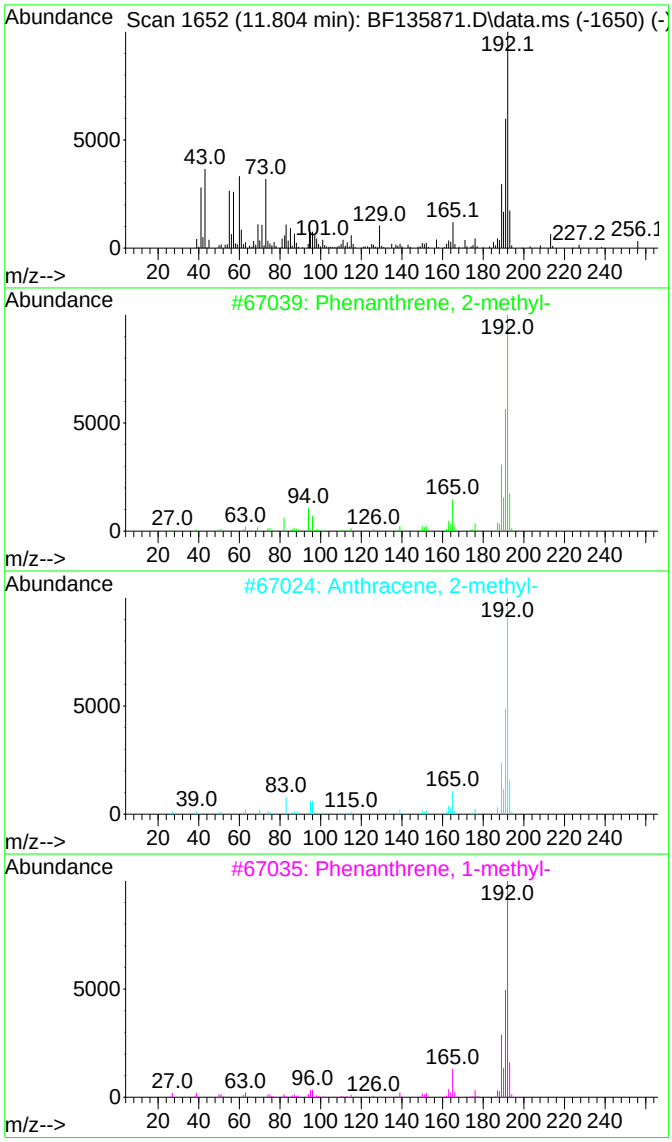
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

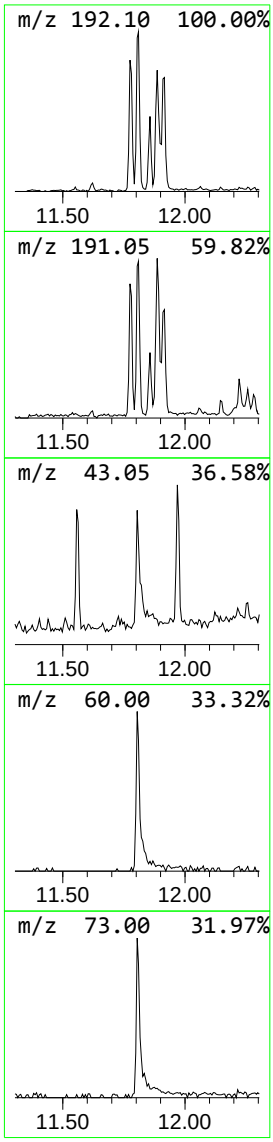
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	9.27 ng	231674	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

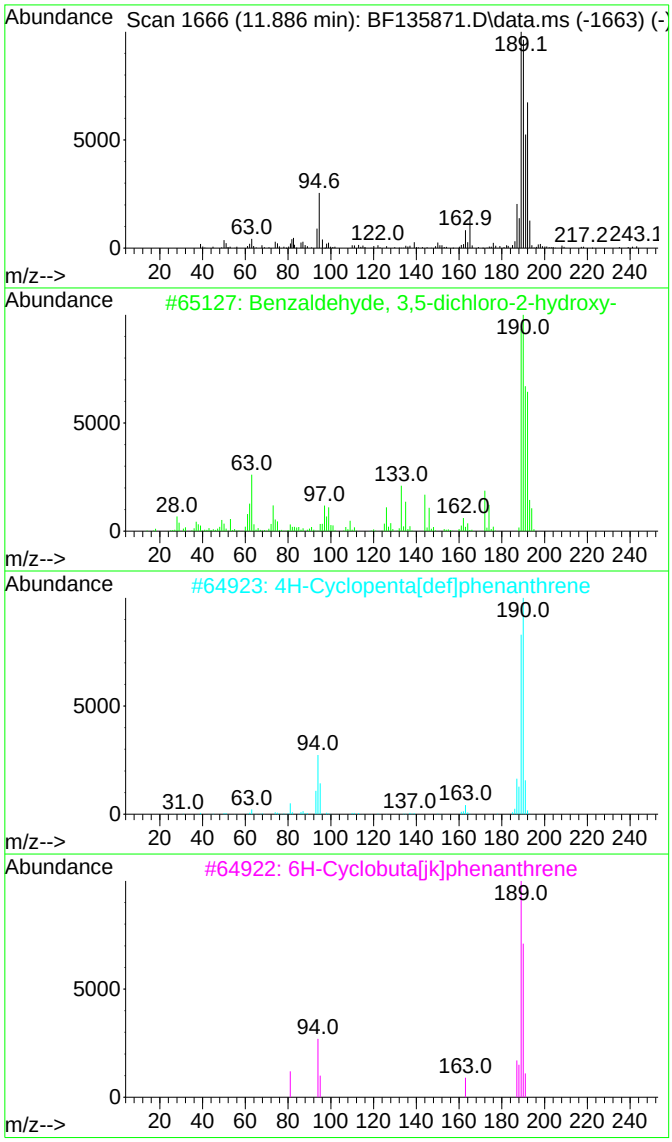
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

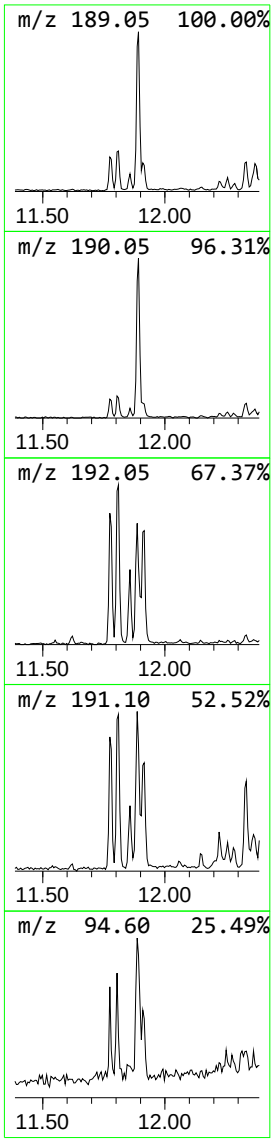
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	8.06 ng	201240	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





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Operator : CG\JU
Sample : 04858-01
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Instrument :
BNA_F
ClientSampleId :
WC-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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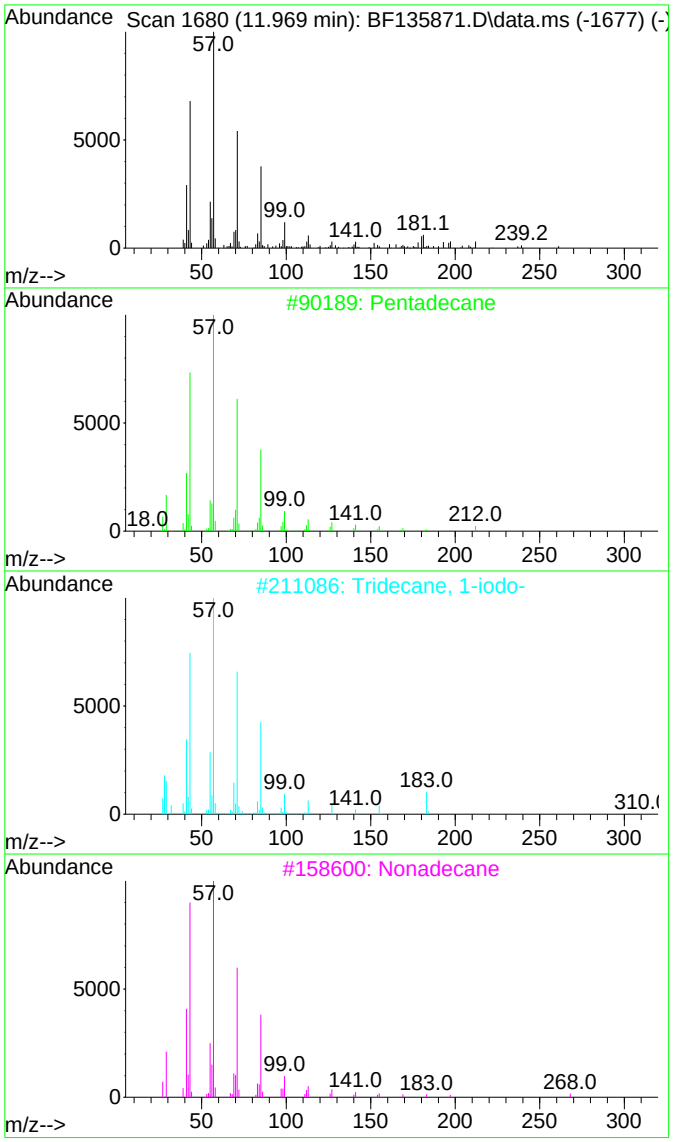
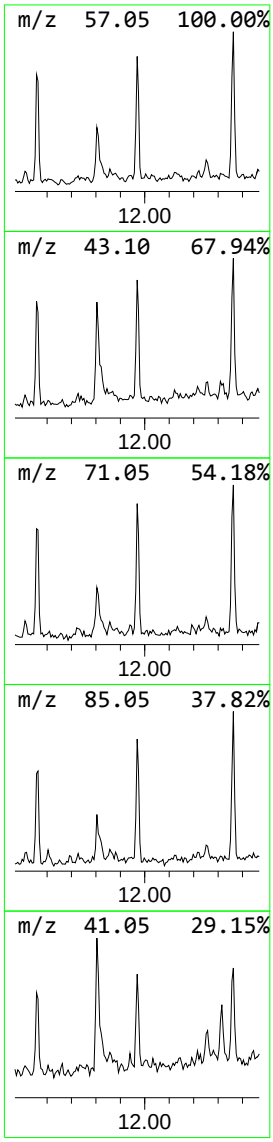
Peak Number 7 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.12 ng	77921	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Nonadecane	268	C19H40	000629-92-5	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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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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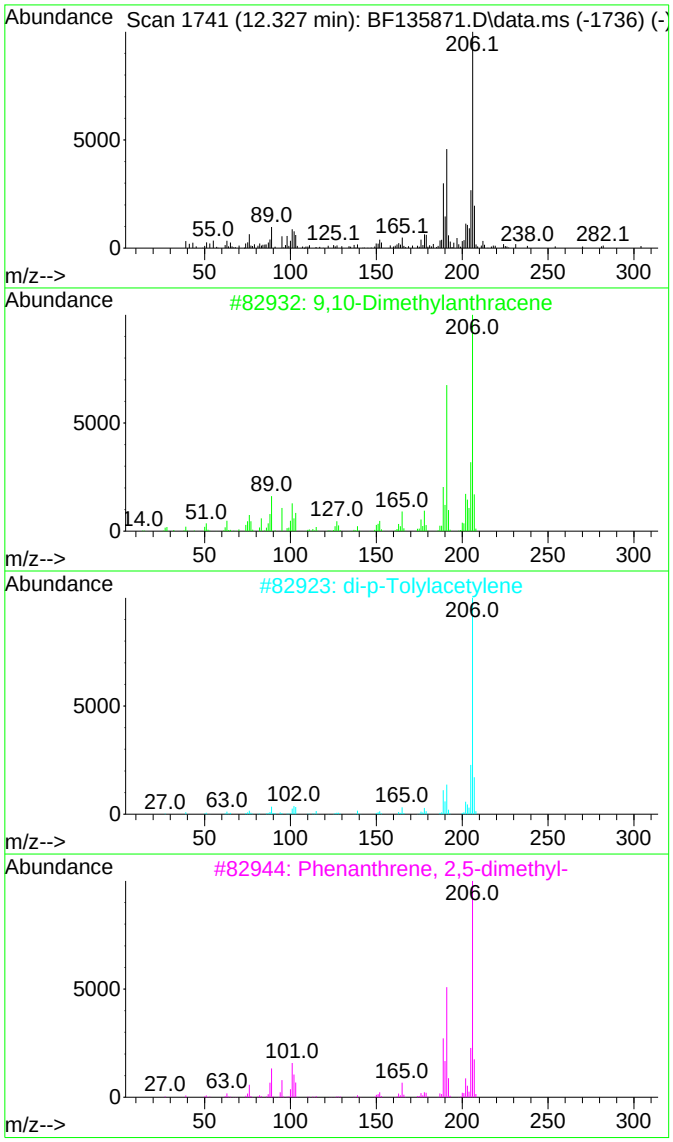
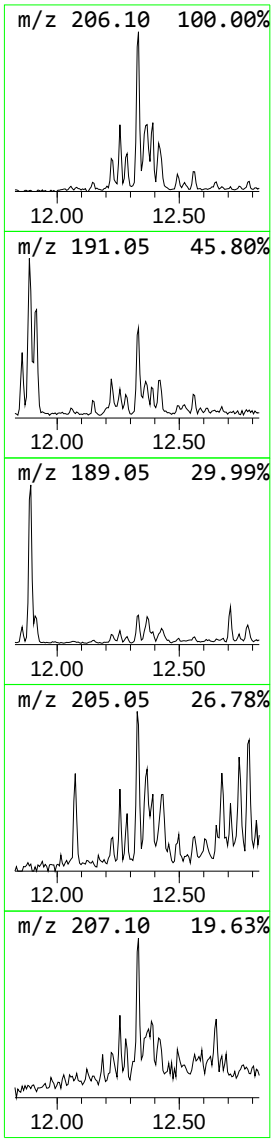
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	5.81 ng	145238	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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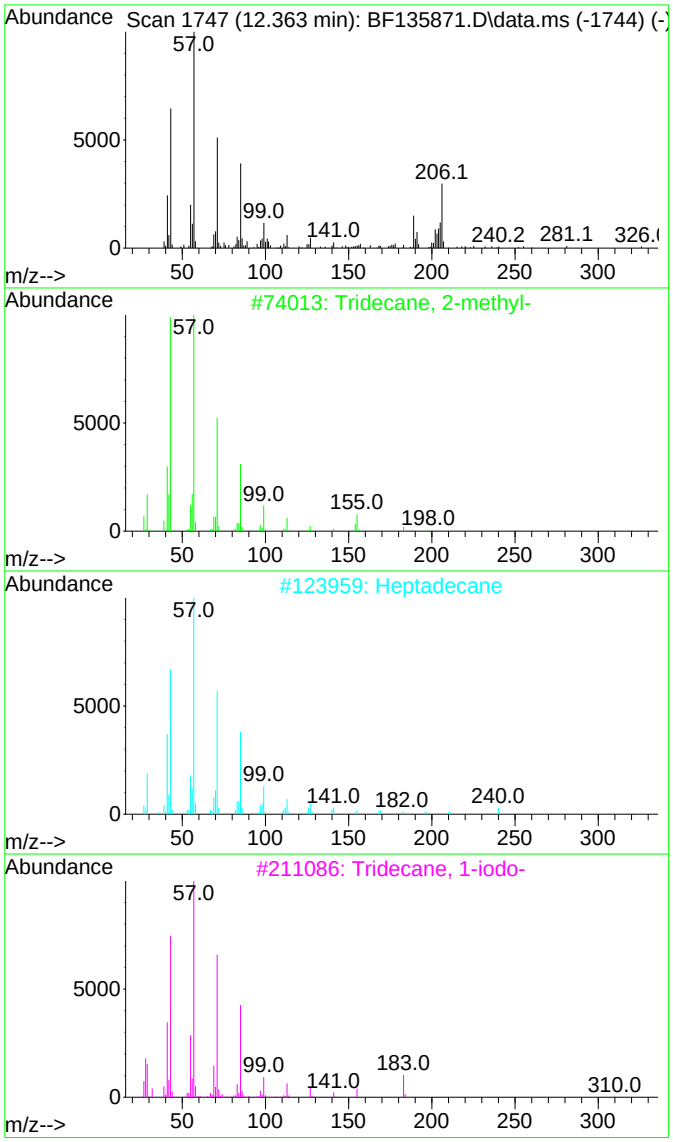
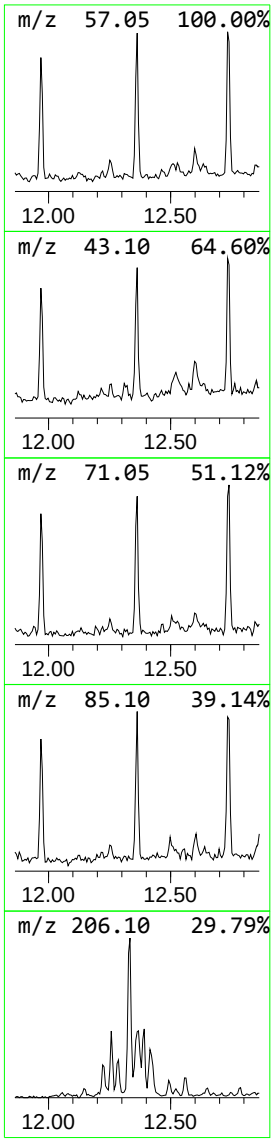
Peak Number 9 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	4.60 ng	114960	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
2	Heptadecane	240	C17H36	000629-78-7	52
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	52





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Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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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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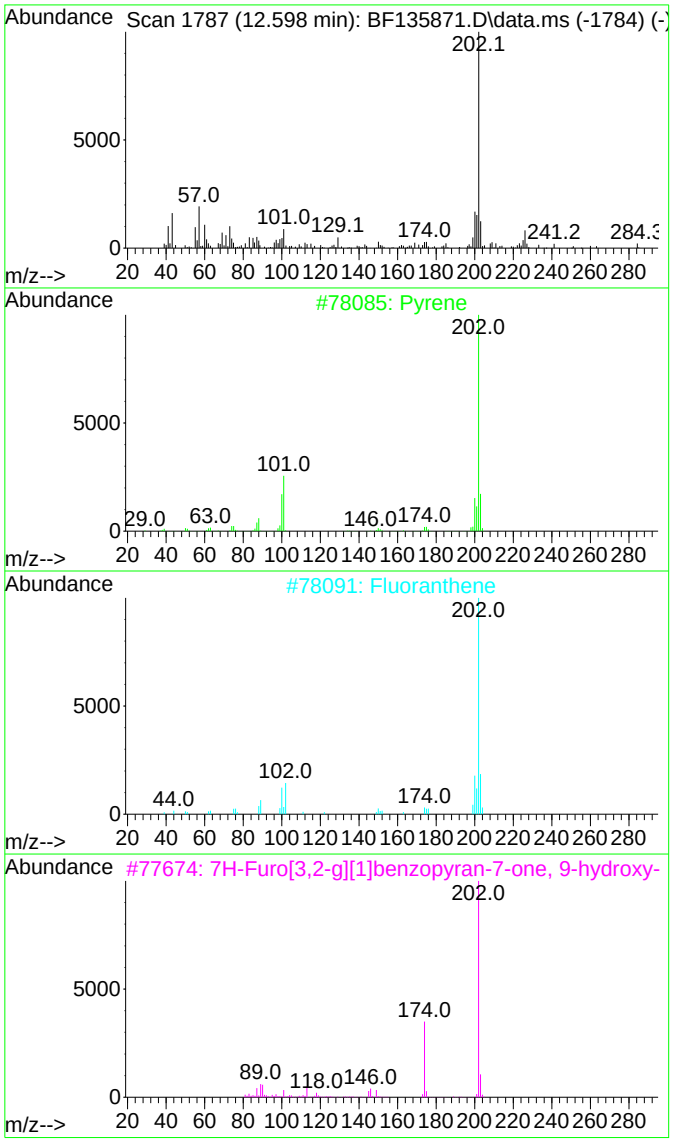
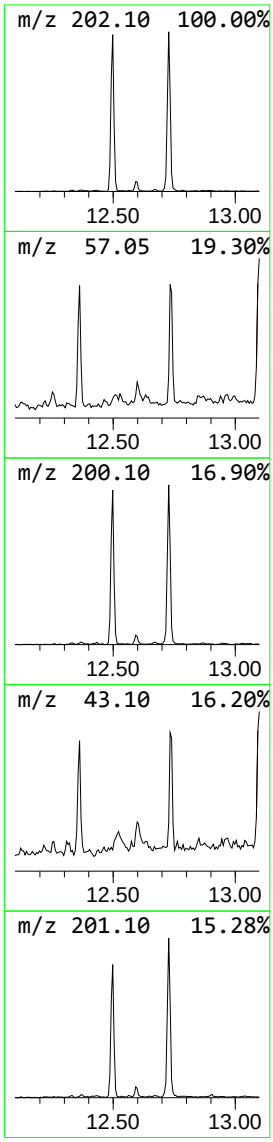
Peak Number 10 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	3.50 ng	87354	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	62
2	Fluoranthene	202	C16H10	000206-44-0	62
3	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	59
4	Pyrimidine, 4-methoxy-6-(2-hydro...	202	C11H10N2O2	097630-79-0	58
5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	55





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Sample : 04858-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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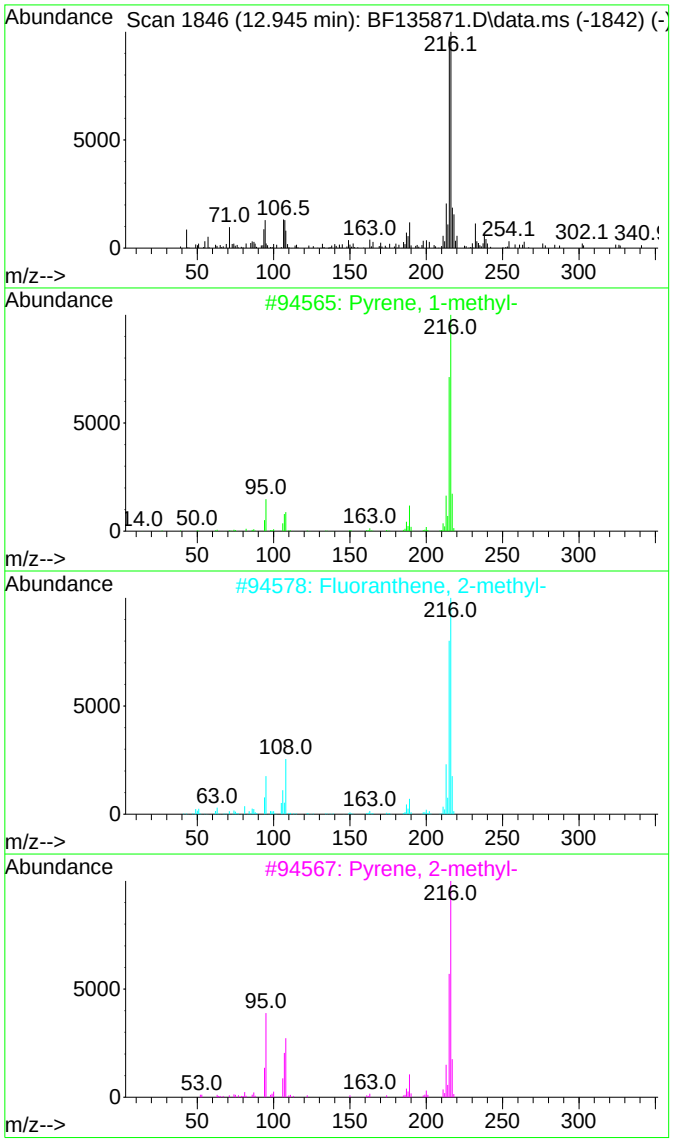
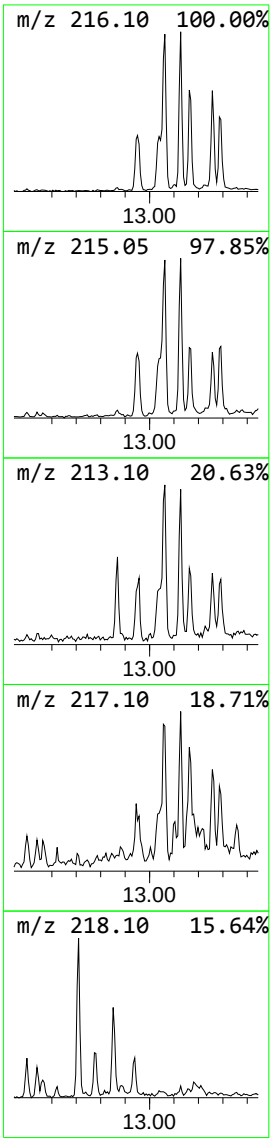
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	2.99 ng	115415	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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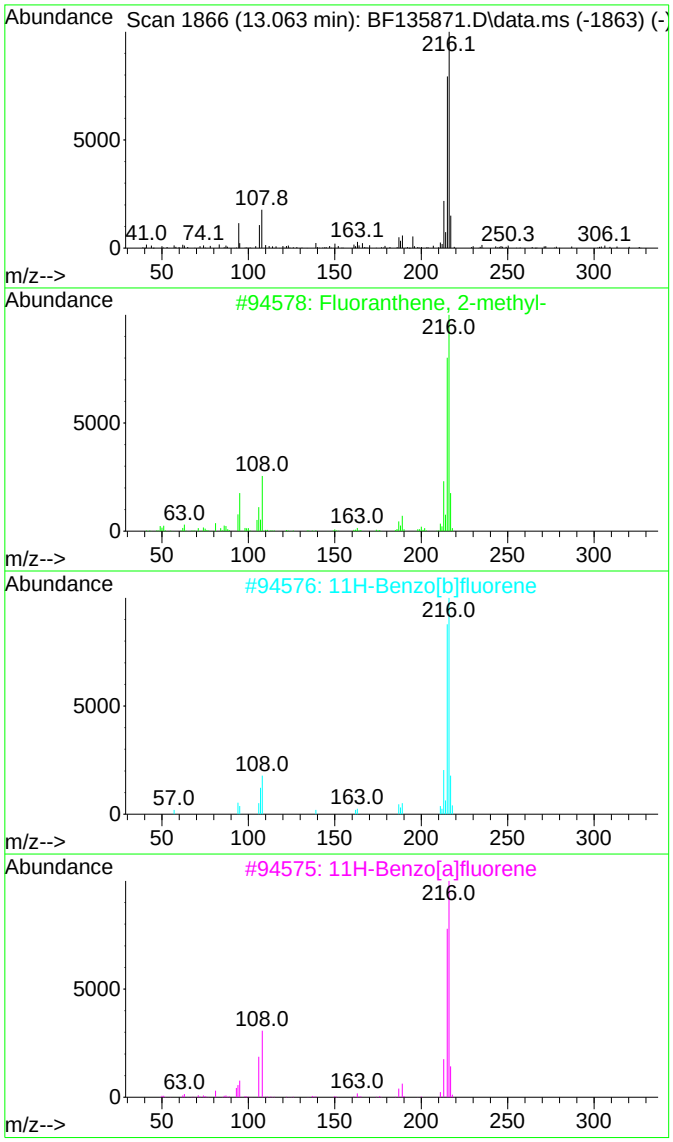
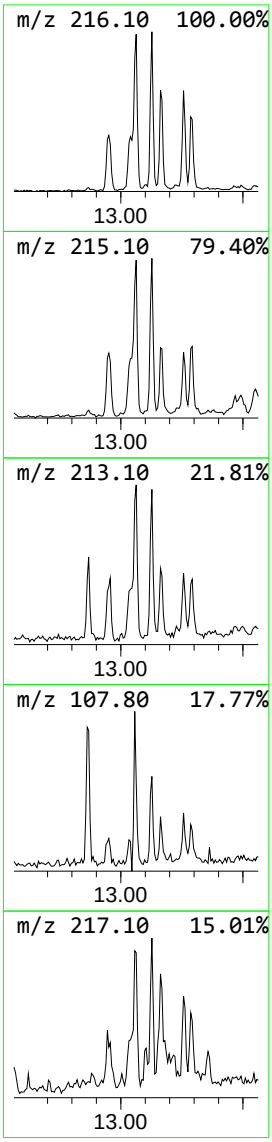
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.94 ng	113321	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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ClientSampleId :
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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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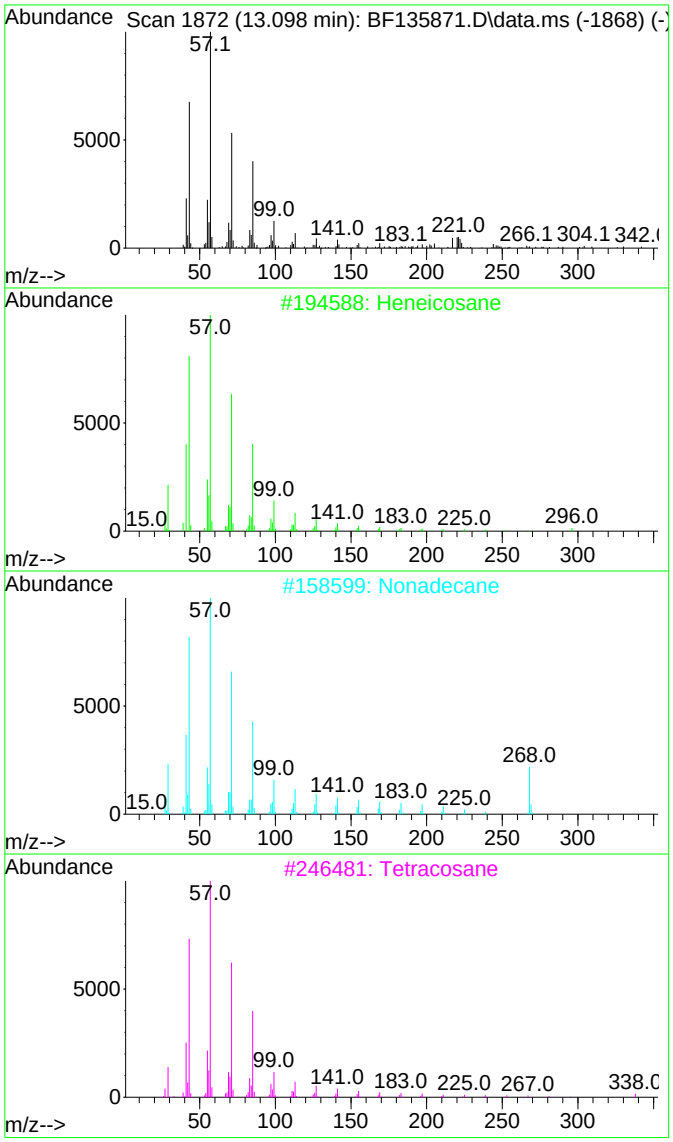
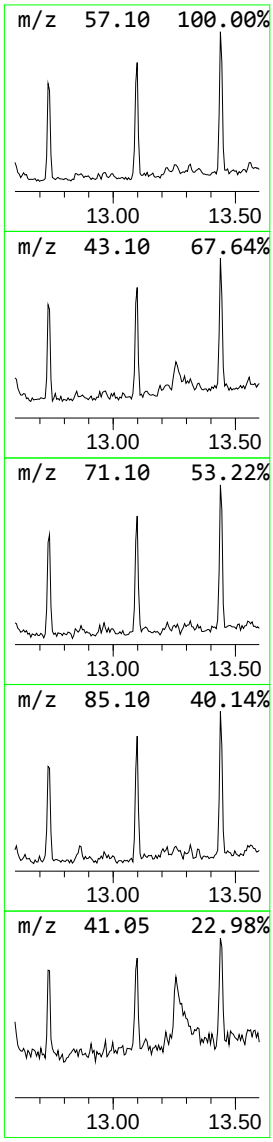
Peak Number 13 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.02 ng	116431	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80





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

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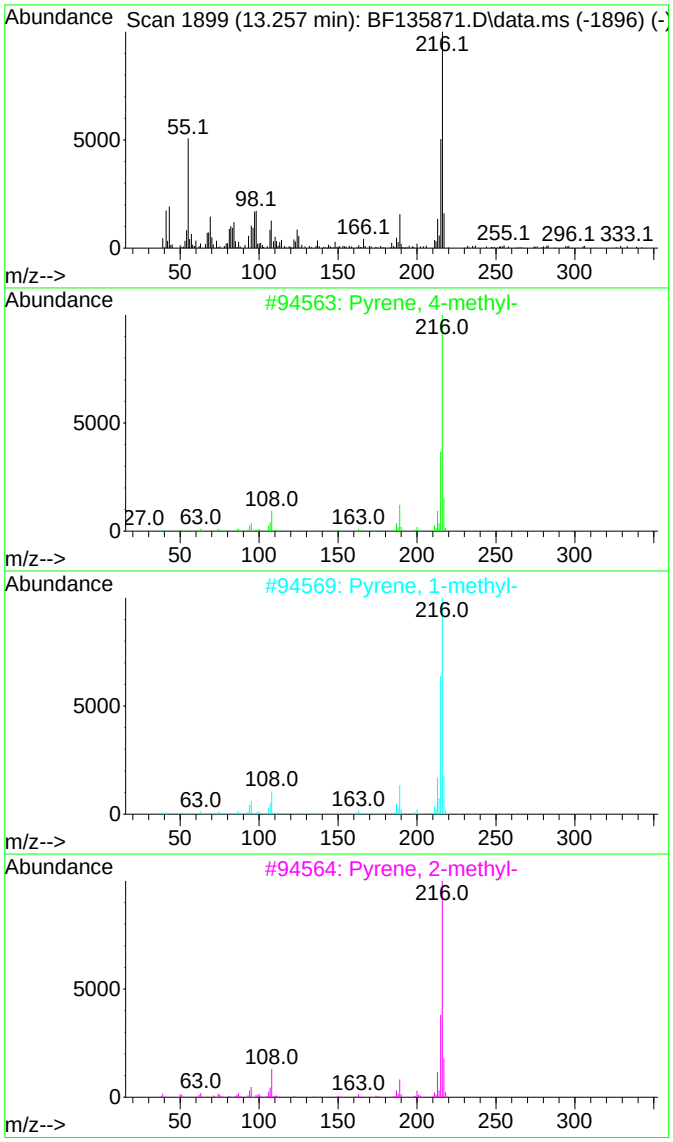
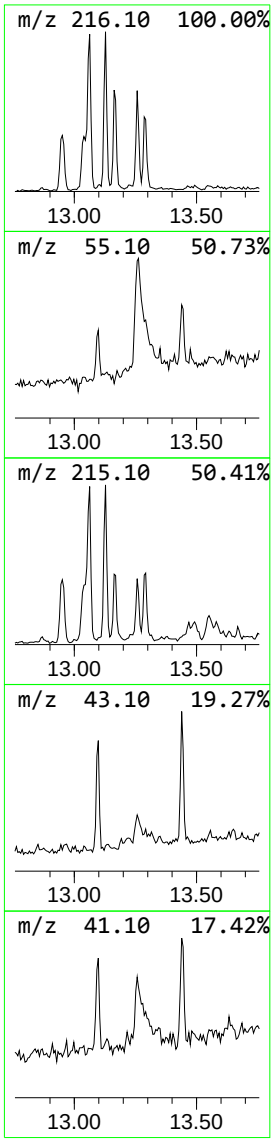
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	4.60 ng	177569	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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ClientSampleId :
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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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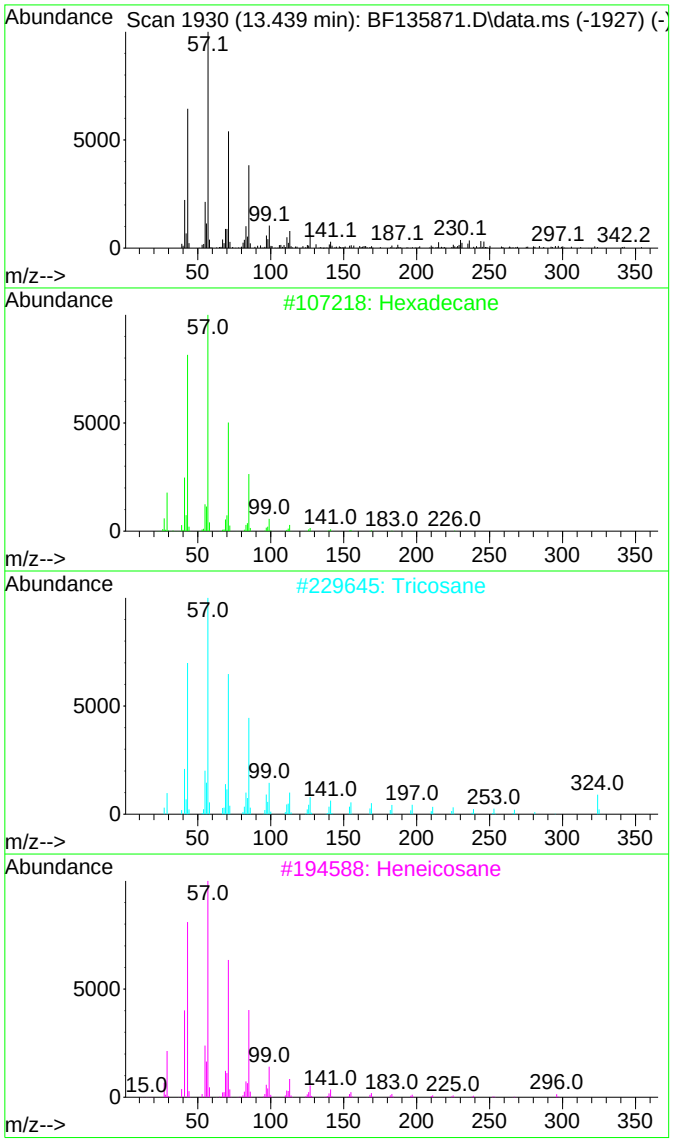
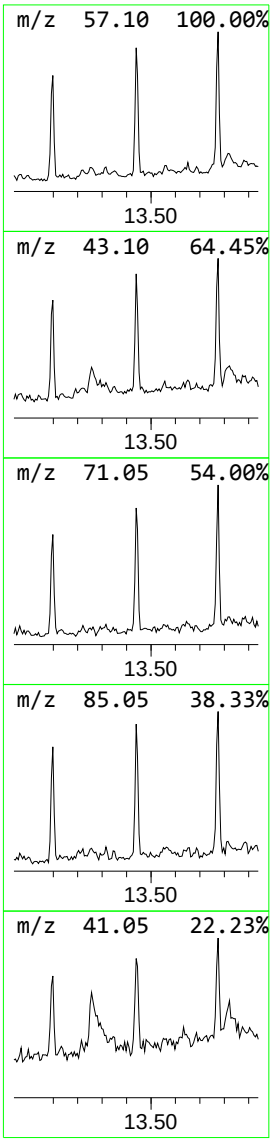
Peak Number 15 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	4.08 ng	157539	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tricosane	324	C23H48	000638-67-5	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Nonadecane	268	C19H40	000629-92-5	83





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ALS Vial : 17 Sample Multiplier: 1

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

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

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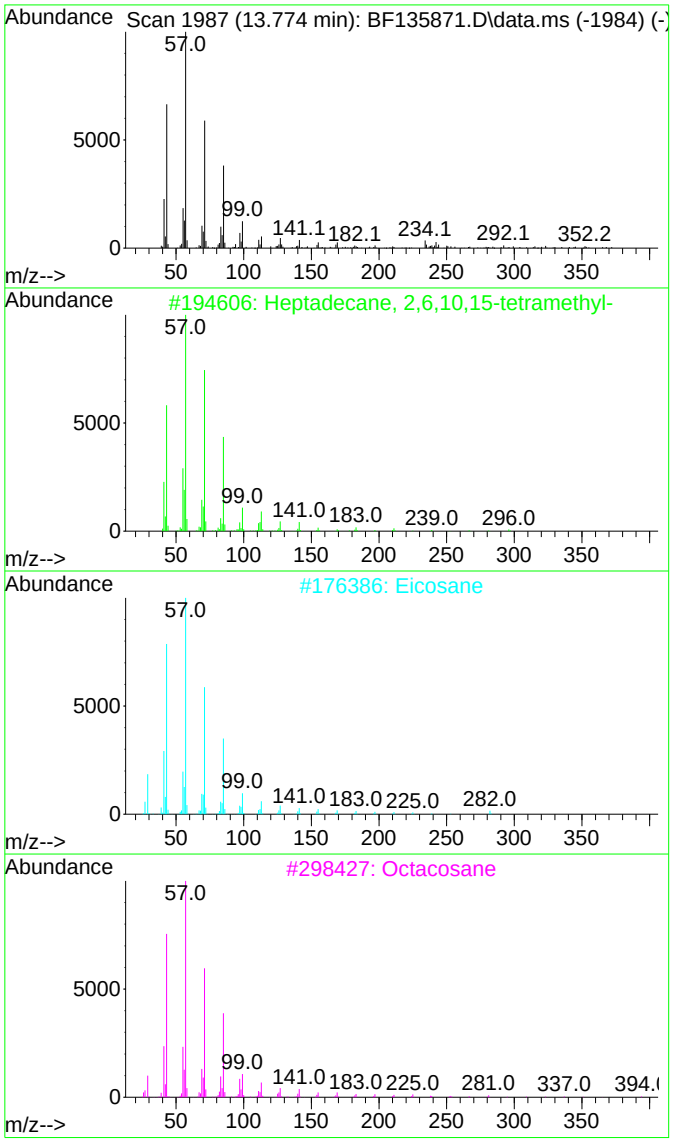
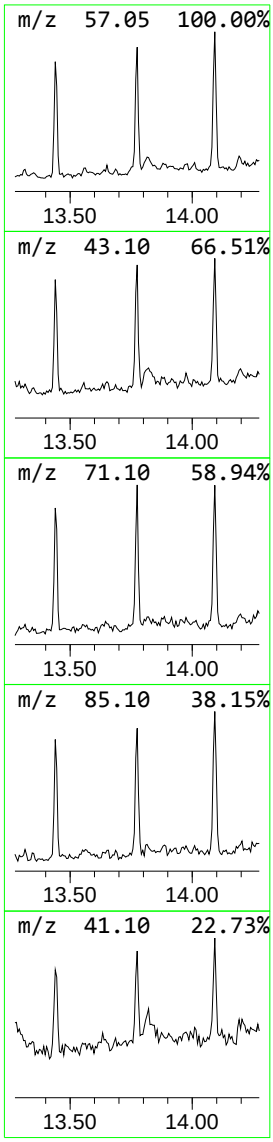
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	3.23 ng	124469	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tricosane	324	C23H48	000638-67-5	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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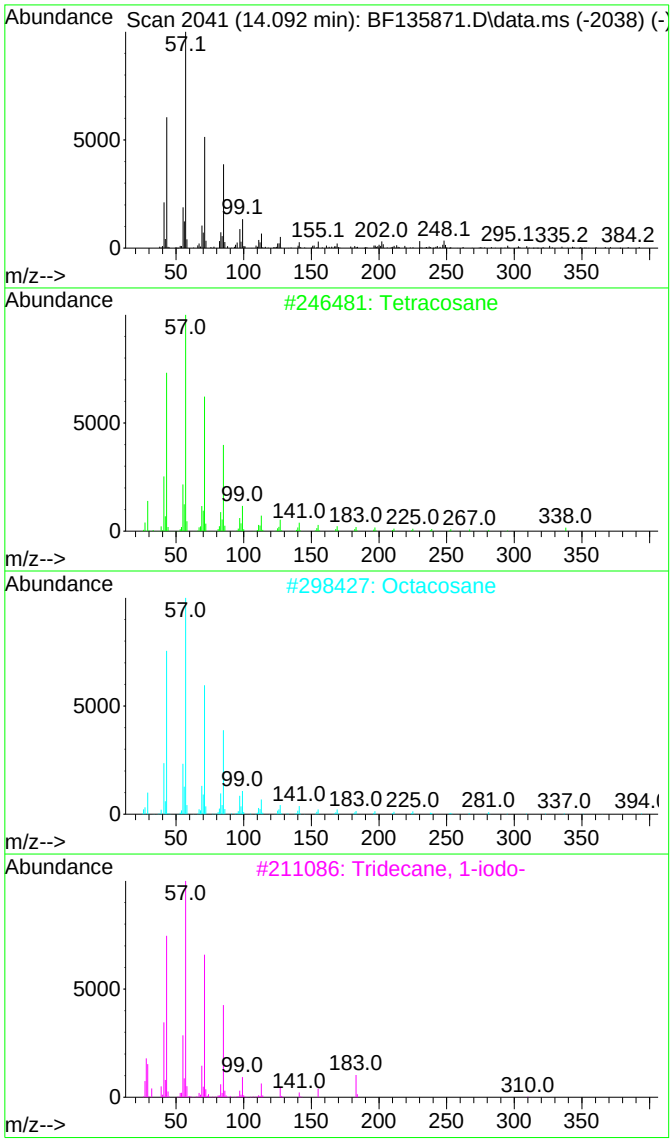
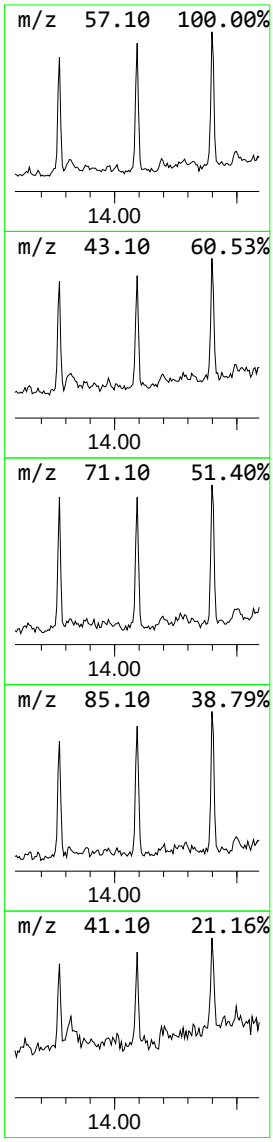
Peak Number 17 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	5.27 ng	203470	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Behenyl chloride	344	C22H45Cl	042217-03-8	83





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Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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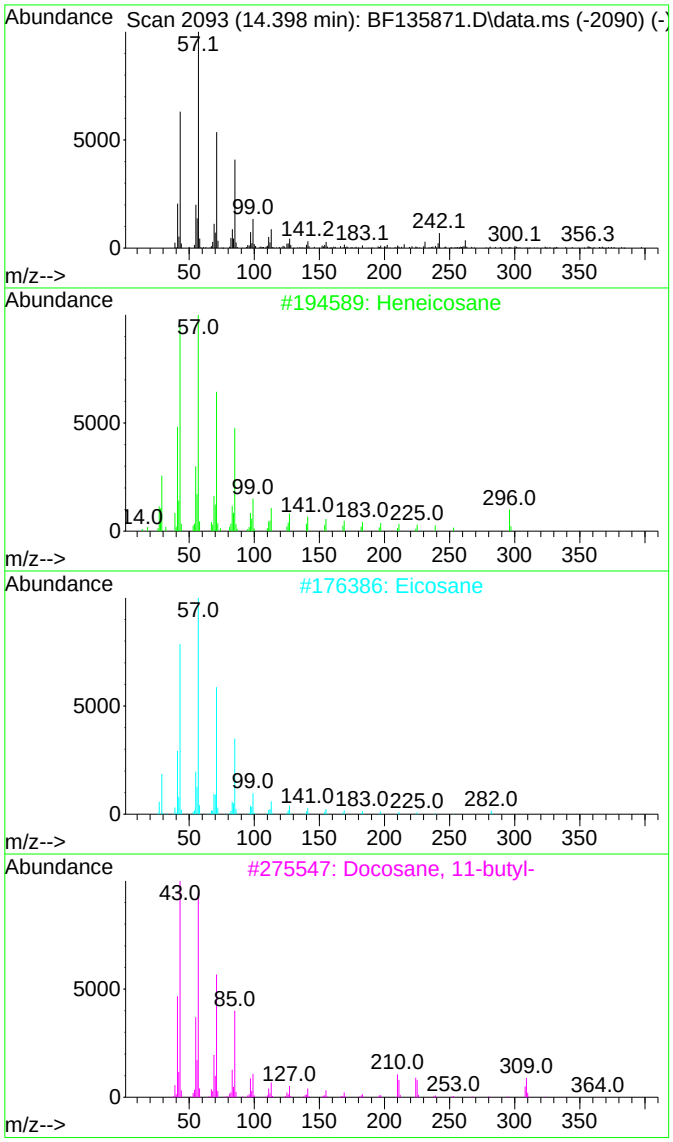
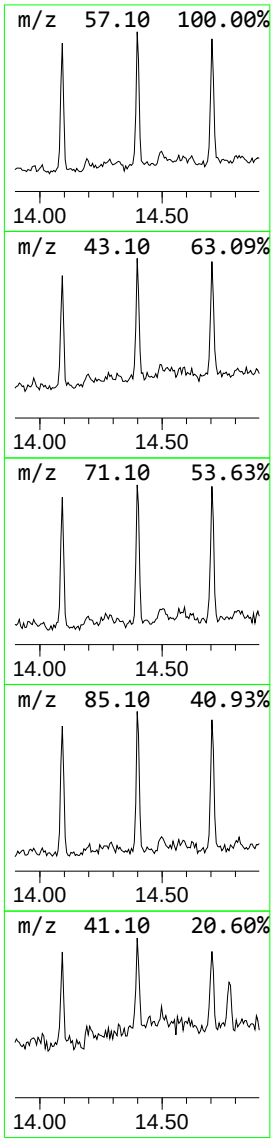
Peak Number 18 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	5.11 ng	197047	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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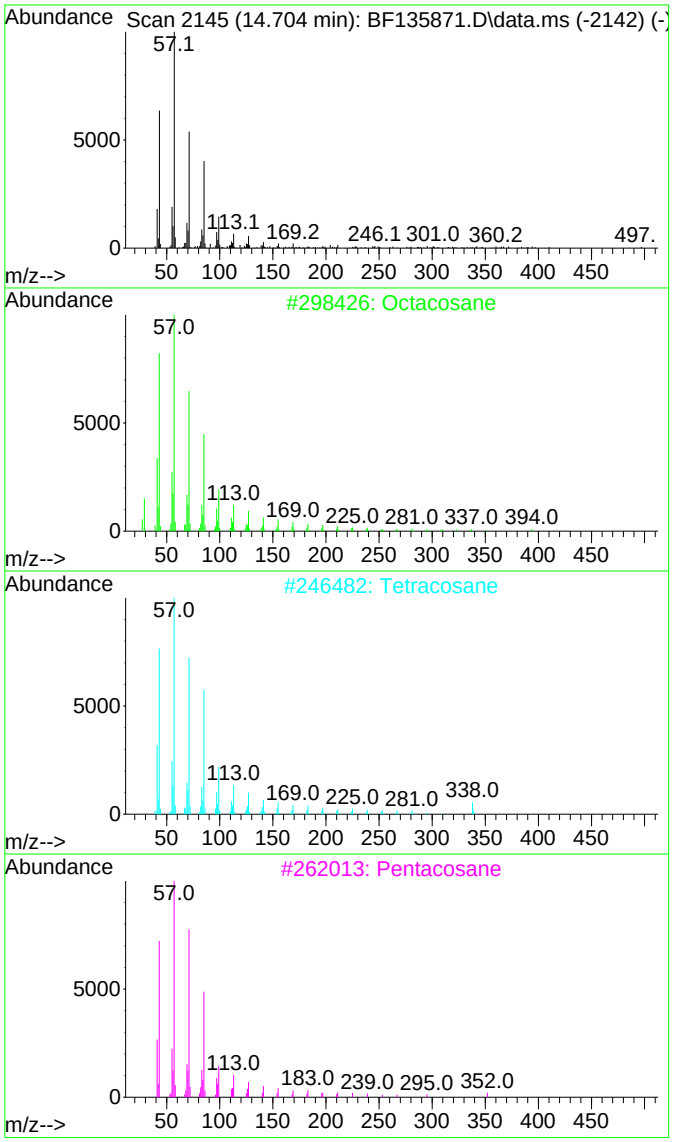
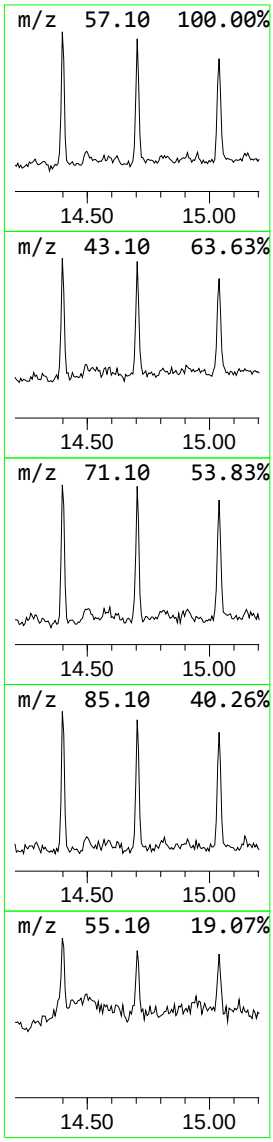
Peak Number 19 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	8.77 ng	156031	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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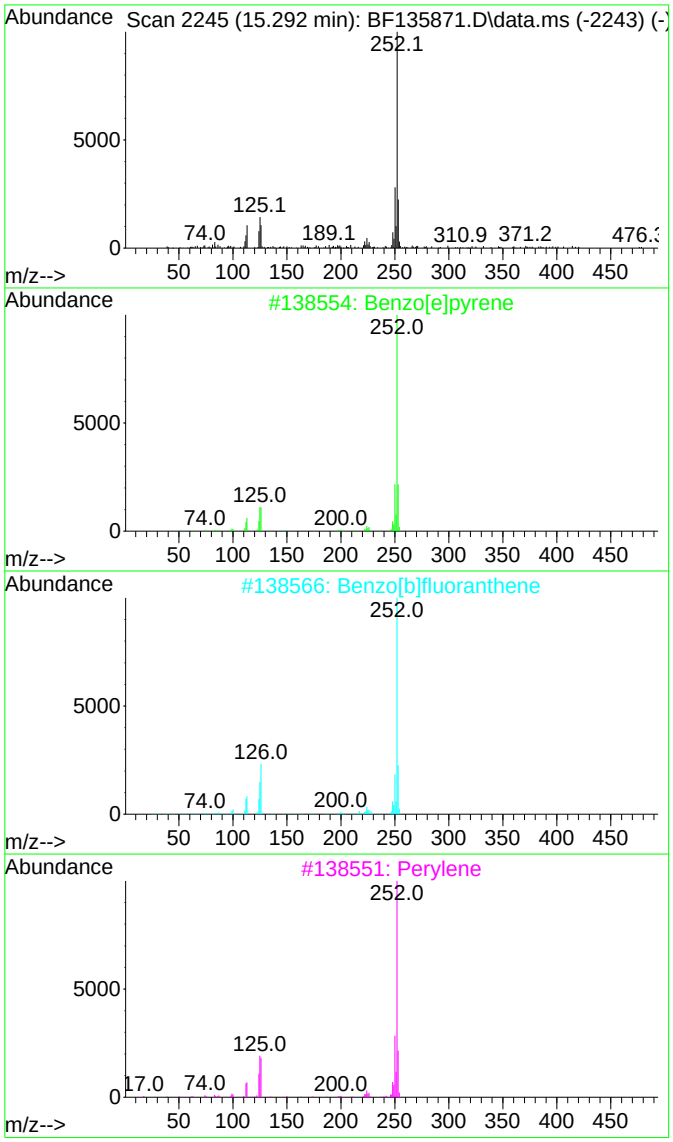
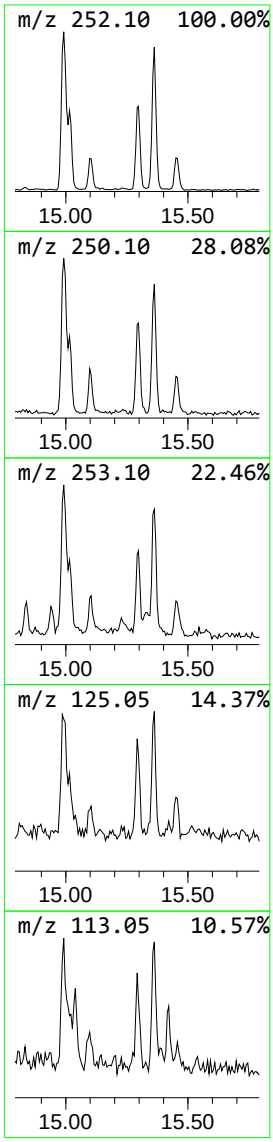
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	4.65 ng	82666	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135871.D
Acq On : 19 Oct 2023 03:29
Operator : CG\JU
Sample : 04858-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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
2-Pentanone, 4-...	4.951	3.4	ng	73134	1	6.739	436662	20.0
Heptacosane	10.692	3.6	ng	91191	4	11.275	499583	20.0
Dibenzothiophene	11.169	3.2	ng	80493	4	11.275	499583	20.0
1H-Cyclopropa[l...	11.775	3.9	ng	96491	4	11.275	499583	20.0
Phenanthrene, 2...	11.804	9.3	ng	231674	4	11.275	499583	20.0
Benzaldehyde, 3...	11.886	8.1	ng	201240	4	11.275	499583	20.0
Pentadecane	11.969	3.1	ng	77921	4	11.275	499583	20.0
9,10-Dimethylan...	12.327	5.8	ng	145238	4	11.275	499583	20.0
Tridecane, 2-me...	12.363	4.6	ng	114960	4	11.275	499583	20.0
7H-Furo[3,2-g][...	12.598	3.5	ng	87354	4	11.275	499583	20.0
Pyrene, 1-methyl-	12.945	3.0	ng	115415	5	13.939	771866	20.0
Fluoranthene, 2...	13.063	2.9	ng	113321	5	13.939	771866	20.0
Heneicosane	13.098	3.0	ng	116431	5	13.939	771866	20.0
Pyrene, 4-methyl-	13.257	4.6	ng	177569	5	13.939	771866	20.0
Hexadecane	13.439	4.1	ng	157539	5	13.939	771866	20.0
Heptadecane, 2,...	13.774	3.2	ng	124469	5	13.939	771866	20.0
Tetracosane	14.092	5.3	ng	203470	5	13.939	771866	20.0
Eicosane	14.398	5.1	ng	197047	5	13.939	771866	20.0
Octacosane	14.704	8.8	ng	156031	6	15.421	355677	20.0
Benzo[e]pyrene	15.292	4.7	ng	82666	6	15.421	355677	20.0