LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	11	16	23	rVB	446779	591614	13.36%	1.026%
2	5.122	512	516	525	rVB	110088	145353	3.28%	0.252%
3	5.504	575	581	584	rBV	4508477	4426884	100.00%	7.678%
4	6.510	746	752	755	rBV	4019121	4303373	97.21%	7.464%
5	6.651	771	776	779	rBV	4301804	4272890	96.52%	7.411%
6	6.880	812	815	819	rVB	1301960	1112444	25.13%	1.929%
7	7.039	838	842	845	rBV	3813911	3339106	75.43%	5.791%
8	7.445	903	911	914	rBV	2778576	2688656	60.73%	4.663%
9	8.163	1029	1033	1036	rBV	1639714	1486541	33.58%	2.578%
10	8.186	1036	1037	1040	rVB	208677	109692	2.48%	0.190%
11	8.874	1151	1154	1158	rBV	78559	68472	1.55%	0.119%
12	8.974	1168	1171	1174	rVB	68346	54657	1.23%	0.095%
13	9.239	1211	1216	1219	rBV	4425590	4156681	93.90%	7.209%
14	9.316	1225	1229	1231	rBV	74808	58915	1.33%	0.102%
15	9.504	1257	1261	1264	rVB2	36041	44504	1.01%	0.077%
16	9.574	1269	1273	1276	rBV2	55259	59645	1.35%	0.103%
17	9.627	1279	1282	1285	rBV	408213	333022	7.52%	0.578%
18	9.845	1311	1319	1322	rVB	175625	156617	3.54%	0.272%
19	9.921	1326	1332	1335	rVV	1501828	1360958	30.74%	2.360%
20	9.951	1335	1337	1341	rVB	342788	270541	6.11%	0.469%
21	10.074	1353	1358	1361	rBV3	40028	46779	1.06%	0.081%
22	10.121	1361	1366	1370	rVV	189045	198584	4.49%	0.344%
23	10.163	1370	1373	1378	rVV4	49221	49406	1.12%	0.086%
24	10.321	1396	1400	1402	rBV	78319	79187	1.79%	0.137%
25	10.345	1402	1404	1407	rVB	199142	141556	3.20%	0.246%
26	10.469	1421	1425	1430	rVB	399841	353265	7.98%	0.613%
27	10.557	1437	1440	1446	rVV2	57548	79832	1.80%	0.138%
28	10.621	1449	1451	1454	rVB	71295	60828	1.37%	0.106%
29	10.710	1459	1466	1470	rBV	1945255	1877104	42.40%	3.256%
30	10.816	1481	1484	1493	rVB	149185	180870	4.09%	0.314%
31	11.016	1512	1518	1521	rBV4	89630	103471	2.34%	0.179%
32	11.139	1535	1539	1541	rBV3	40697	48438	1.09%	0.084%
33	11.268	1555	1561	1563	rBV2	141077	166305	3.76%	0.288%
34	11.304	1563	1567	1573	rVB	176475	178523	4.03%	0.310%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.410	1581	1585	1587	rBV	1139930	1151598	26.01%	1.997%
36	11.433	1587	1589	1592	rVV	2219230	1722381	38.91%	2.987%
37	11.480	1594	1597	1600	rVV	636623	569707	12.87%	0.988%
38	11.515	1600	1603	1605	rVB2	68146	58122	1.31%	0.101%
39	11.633	1617	1623	1626	rBV2	202852	206896	4.67%	0.359%
40	11.692	1630	1633	1637	rBV2	72046	88002	1.99%	0.153%
41	11.910	1664	1670	1672	rBV	206194	214400	4.84%	0.372%
42	11.933	1672	1674	1679	rVV	268919	271479	6.13%	0.471%
43	11.980	1679	1682	1685	rVV	130473	125057	2.82%	0.217%
44	12.021	1685	1689	1691	rVV	395533	388992	8.79%	0.675%
45	12.039	1691	1692	1696	rVB	120366	97862	2.21%	0.170%
46	12.104	1697	1703	1706	rVV2	44658	70750	1.60%	0.123%
47	12.204	1717	1720	1722	rBV	183169	138958	3.14%	0.241%
48	12.457	1759	1763	1766	rBV	82289	102218	2.31%	0.177%
49	12.498	1766	1770	1775	rVB2	68447	106238	2.40%	0.184%
50	12.539	1775	1777	1783	rVB4	37639	59810	1.35%	0.104%
51	12.621	1787	1791	1795	rBV	2419088	2283645	51.59%	3.961%
52	12.774	1813	1817	1820	rBV	104570	105219	2.38%	0.182%
53	12.851	1824	1830	1836	rBV	2090594	2508777	56.67%	4.351%
54	12.898	1836	1838	1843	rVB2	103299	103105	2.33%	0.179%
55	12.992	1850	1854	1860	rVB	2900431	2839341	64.14%	4.925%
56	13.062	1862	1866	1870	rBV3	107351	194918	4.40%	0.338%
57	13.151	1878	1881	1882	rBV3	80697	78230	1.77%	0.136%
58	13.174	1882	1885	1889	rVB	370073	350960	7.93%	0.609%
59	13.245	1893	1897	1899	rBV	388513	339714	7.67%	0.589%
60	13.280	1899	1903	1906	rVV2	180869	216820	4.90%	0.376%
61	13.304	1906	1907	1910	rVV	66929	50665	1.14%	0.088%
62	13.374	1917	1919	1921	rVB	86170	62534	1.41%	0.108%
63	13.404	1921	1924	1927	rBV2	95054	93860	2.12%	0.163%
64	13.468	1933	1935	1941	rVB4	49363	50574	1.14%	0.088%
65	13.657	1964	1967	1970	rBV3	74817	110661	2.50%	0.192%
66	13.798	1988	1991	1993	rBV	136952	123132	2.78%	0.214%
67	13.821	1993	1995	1997	rVV	151694	121778	2.75%	0.211%
68	13.845	1997	1999	2002	rVV	125242	154089	3.48%	0.267%
69	13.874	2002	2004	2009	rVB	438630	423948	9.58%	0.735%
70	14.045	2025	2033	2036	rBV2	1591623	2420243	54.67%	4.198%
71	14.074	2036	2038	2045	rVB	1031984	872765	19.72%	1.514%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.151	2048	2051	2055	rVV	329517	276539	6.25%	0.480%
73	14.233	2063	2065	2067	rVB	81516	67676	1.53%	0.117%
74	14.268	2067	2071	2074	rBV2	105381	133084	3.01%	0.231%
75	14.433	2096	2099	2101	rVB	140515	135037	3.05%	0.234%
76	14.462	2102	2104	2108	rBV	74573	74113	1.67%	0.129%
77	14.509	2110	2112	2113	rBV	83390	73012	1.65%	0.127%
78	14.580	2121	2124	2127	rVB	133505	127164	2.87%	0.221%
79	14.798	2158	2161	2167	rBV	185606	213799	4.83%	0.371%
80	15.092	2206	2211	2214	rBV	779008	1208234	27.29%	2.096%
81	15.198	2226	2229	2234	rVB	190305	221572	5.01%	0.384%
82	15.398	2260	2263	2269	rVB	476013	605884	13.69%	1.051%
83	15.462	2270	2274	2279	rVV	740984	900408	20.34%	1.562%
84	15.527	2281	2285	2288	rVV	747299	974844	22.02%	1.691%
85	15.556	2288	2290	2298	rVB	245219	327375	7.40%	0.568%
86	17.015	2534	2538	2545	rVB2	259914	467753	10.57%	0.811%
87	17.468	2611	2615	2626	rVB	183430	367346	8.30%	0.637%

Sum of corrected areas: 57656001

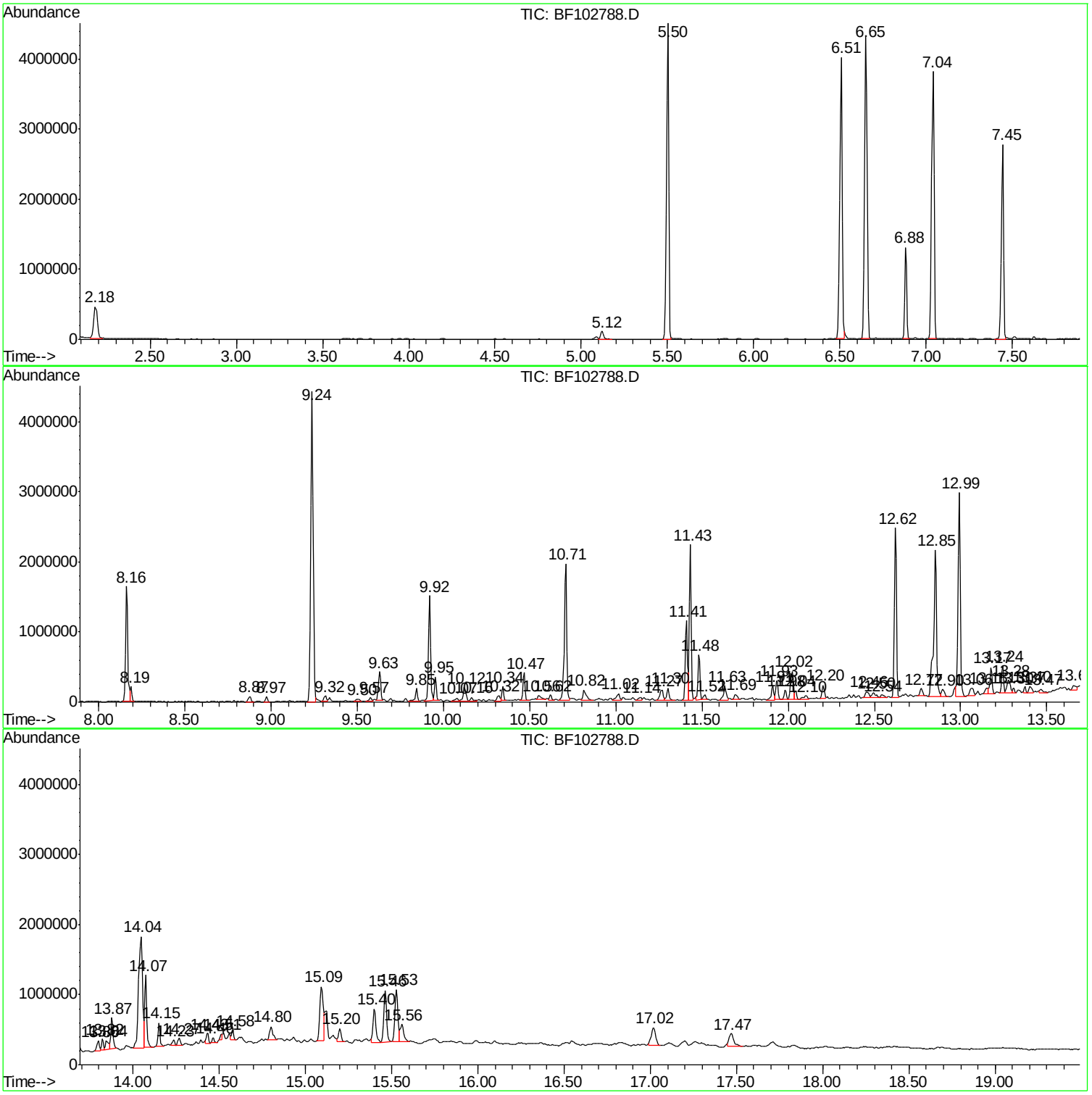
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

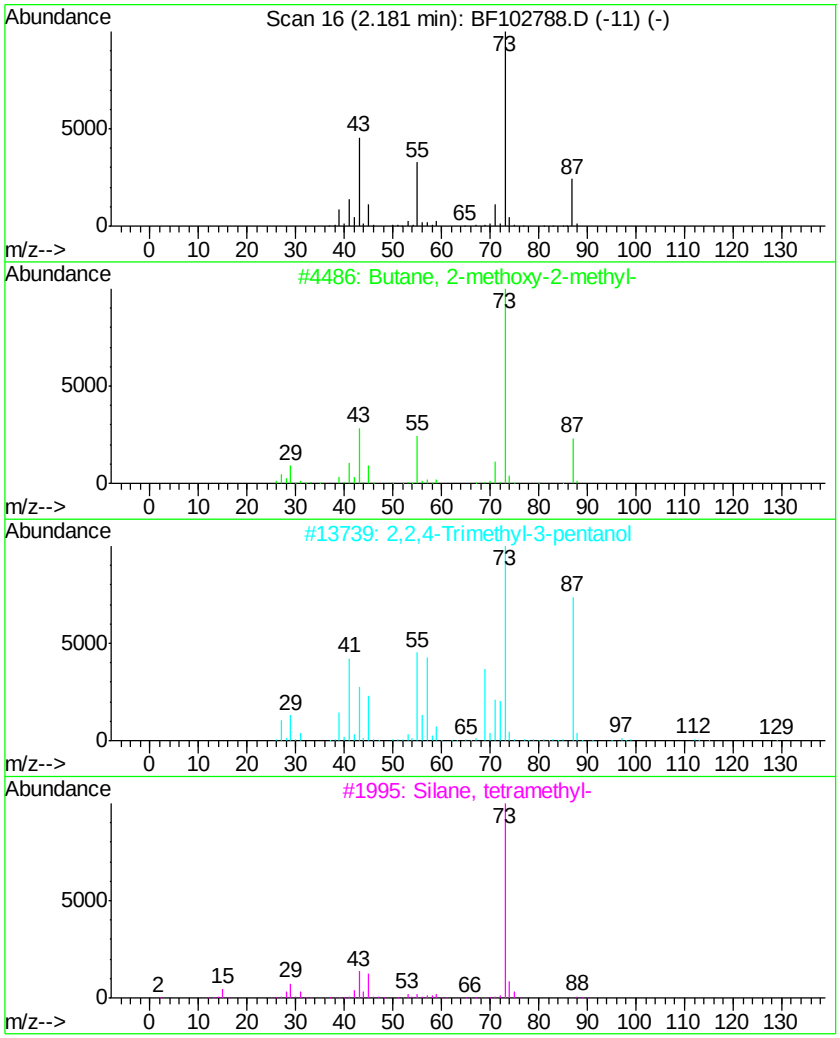
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

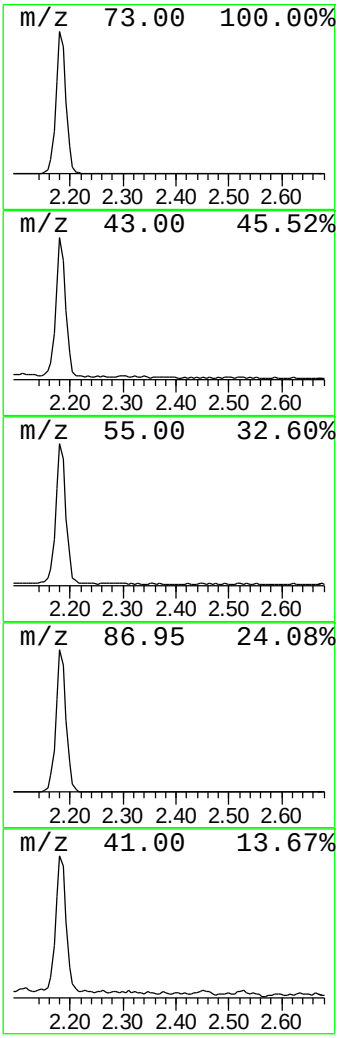
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	10.64 ng	591614	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

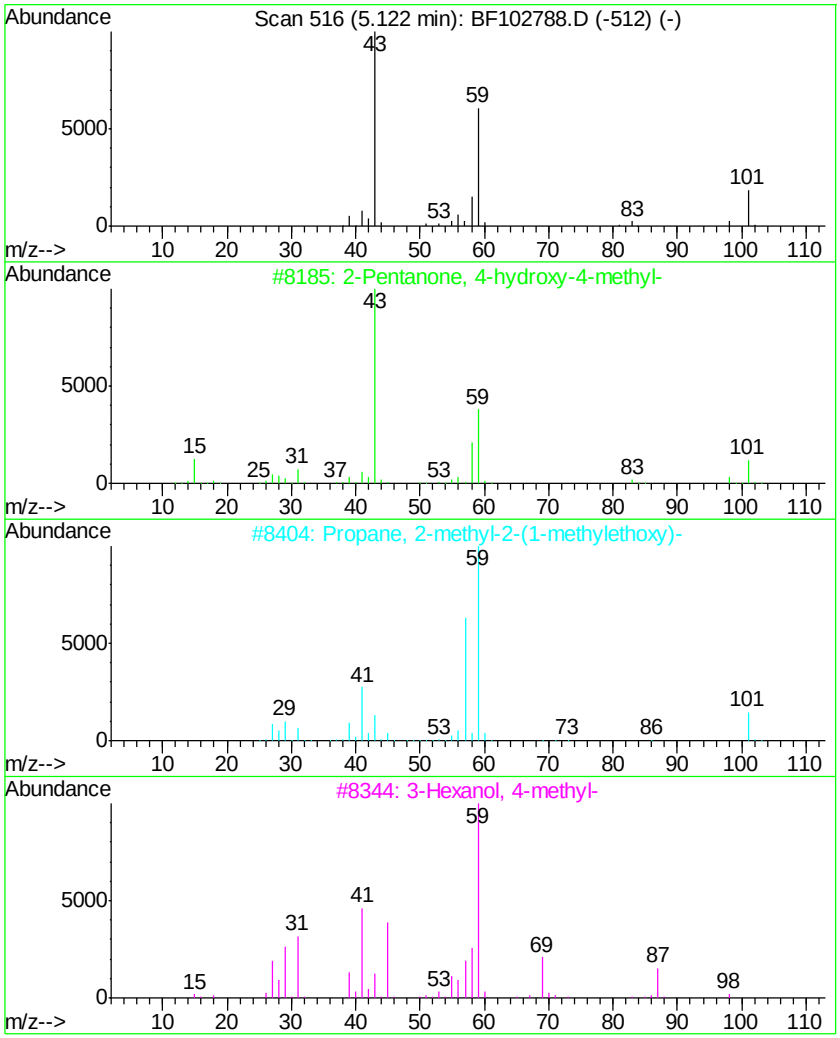
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

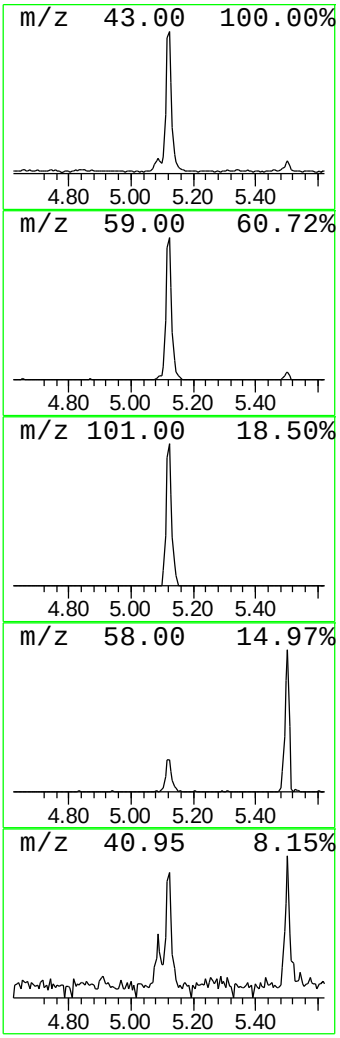
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.61 ng	145353	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

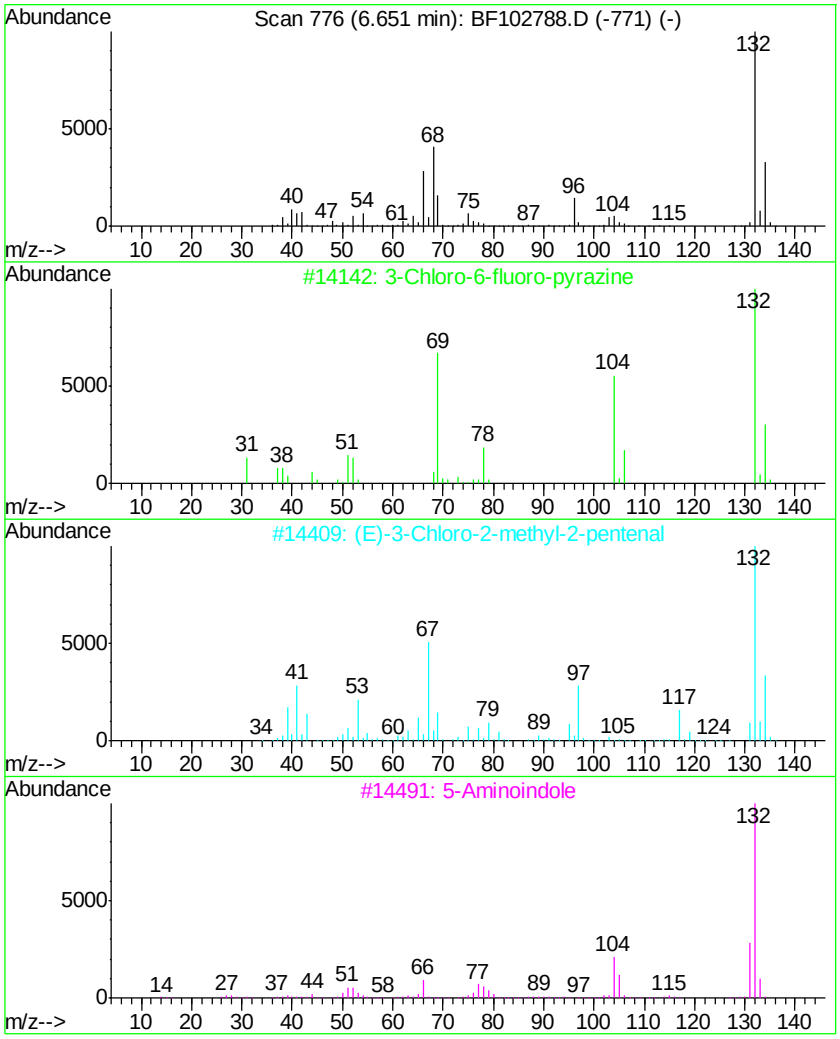
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

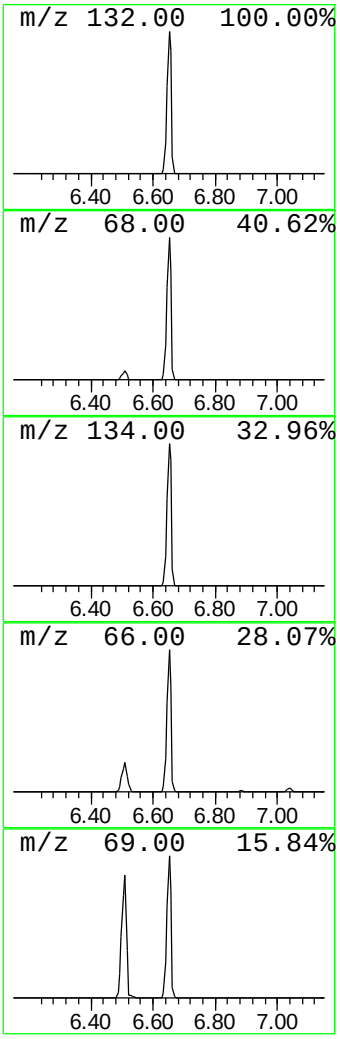
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	76.82 ng	4272890	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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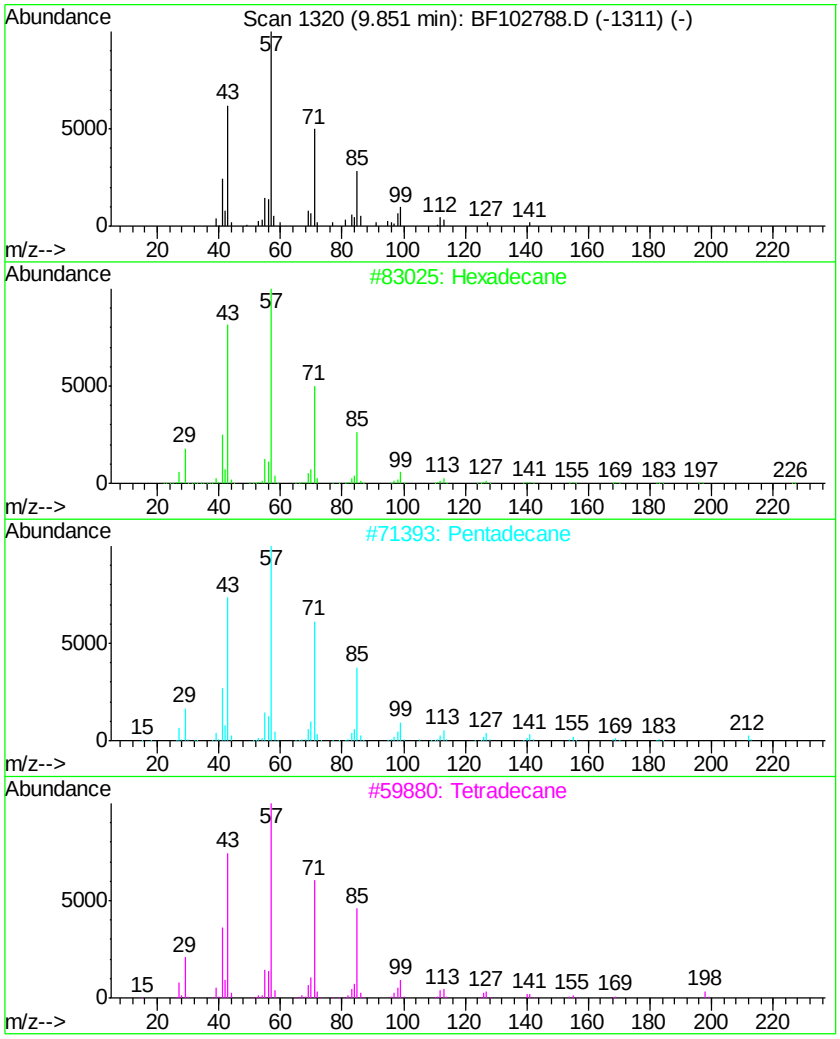
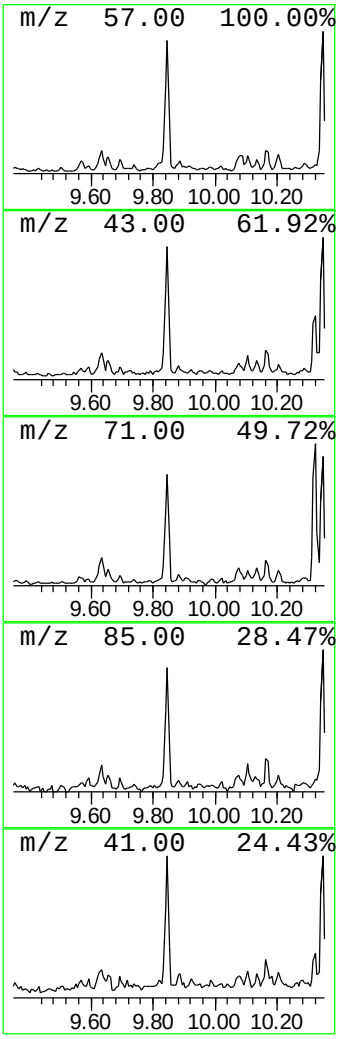
Peak Number 5 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.30 ng	156617	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	64





Library Search Compound Report

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Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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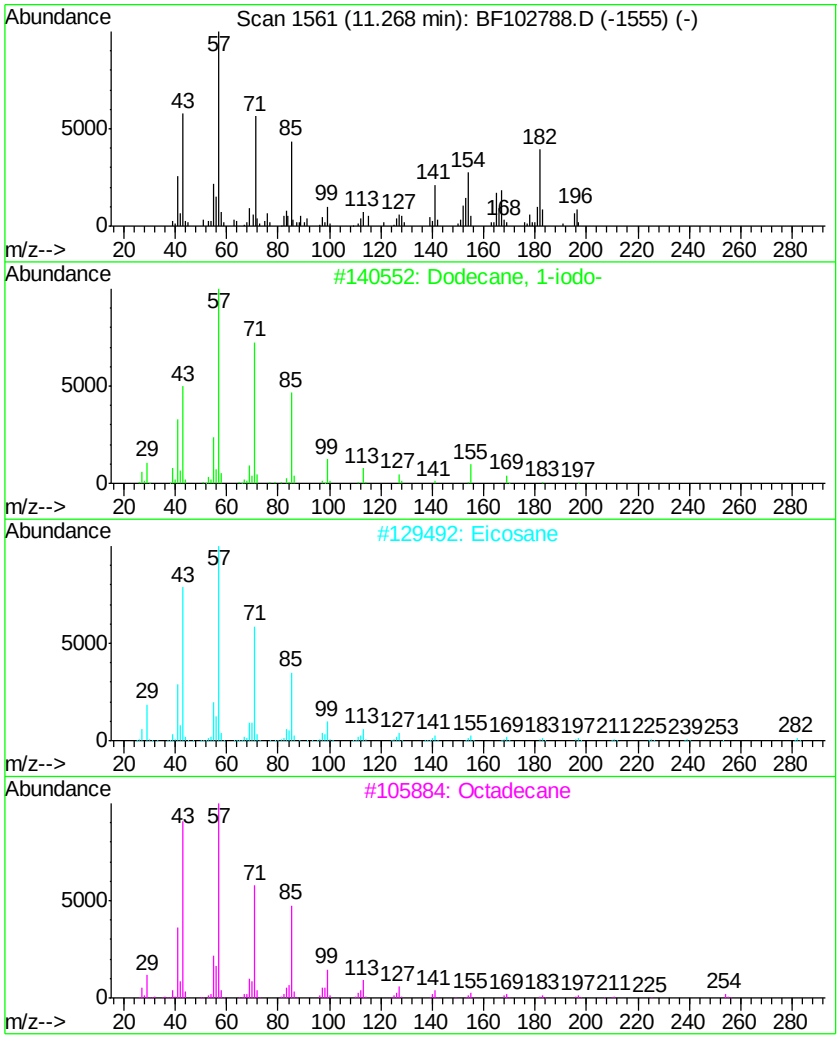
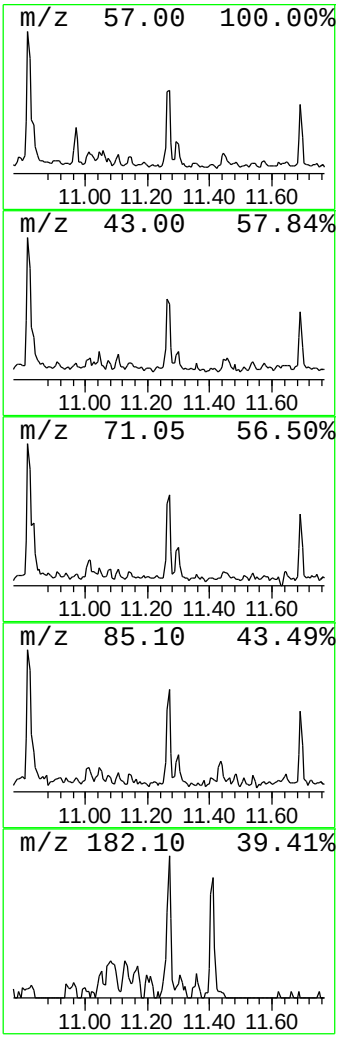
Peak Number 7 unknown11.27 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.89 ng	166305	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
2	Eicosane	282	C20H42	000112-95-8	30
3	Octadecane	254	C18H38	000593-45-3	30
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	27
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
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Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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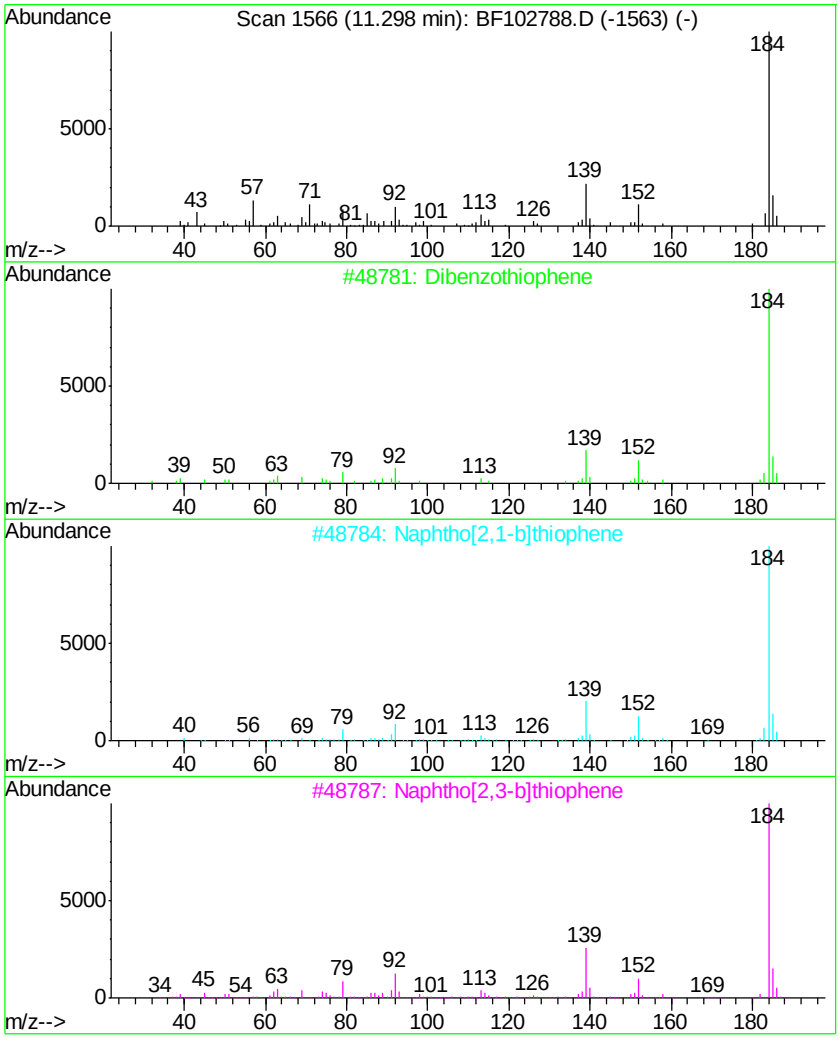
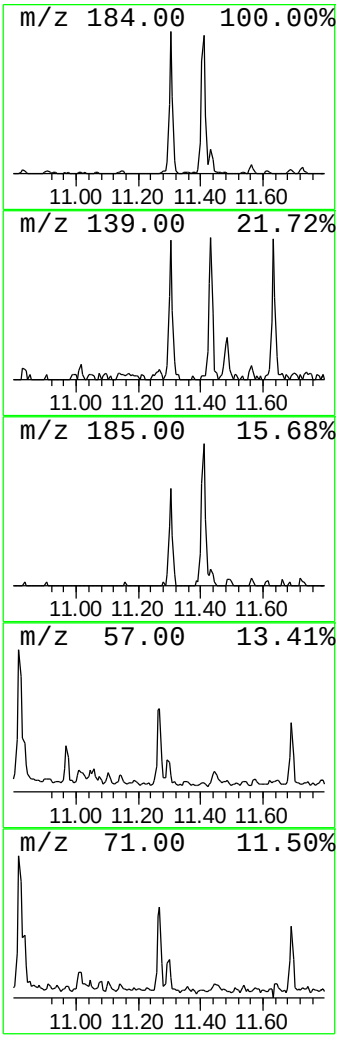
Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.10 ng	178523	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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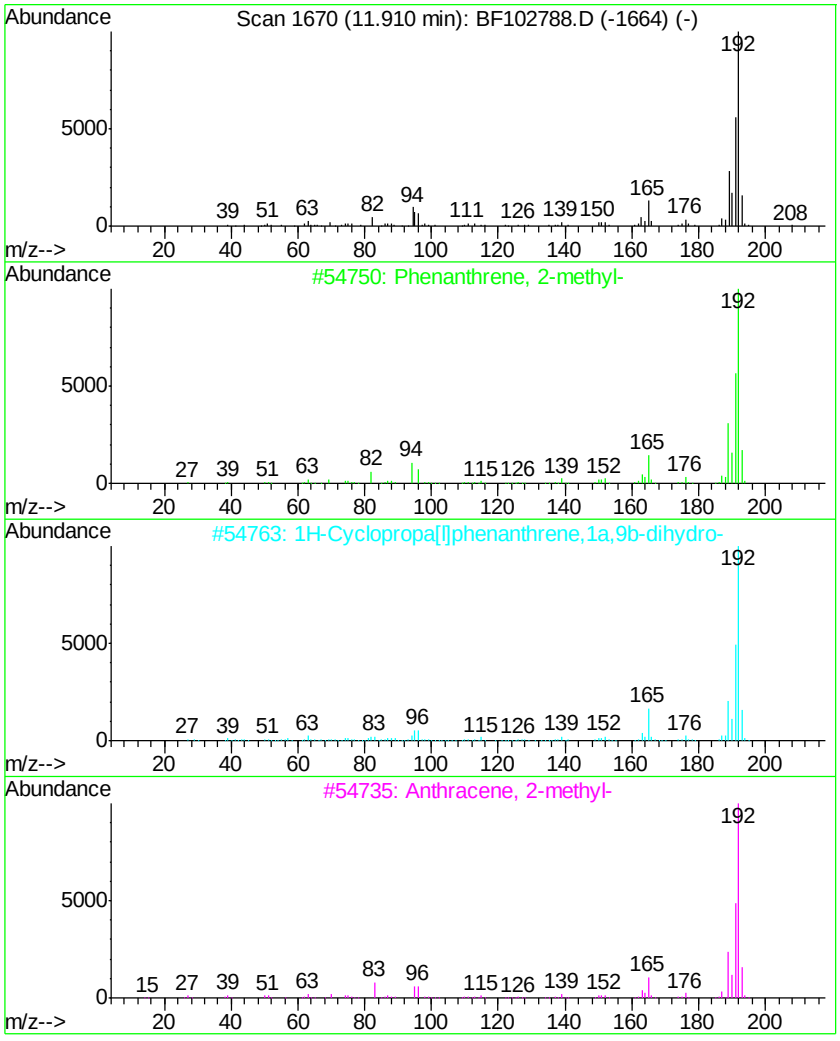
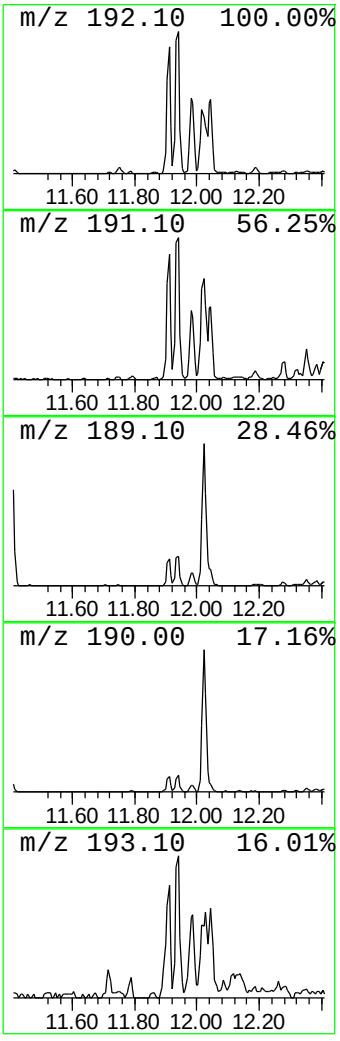
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.72 ng	214400	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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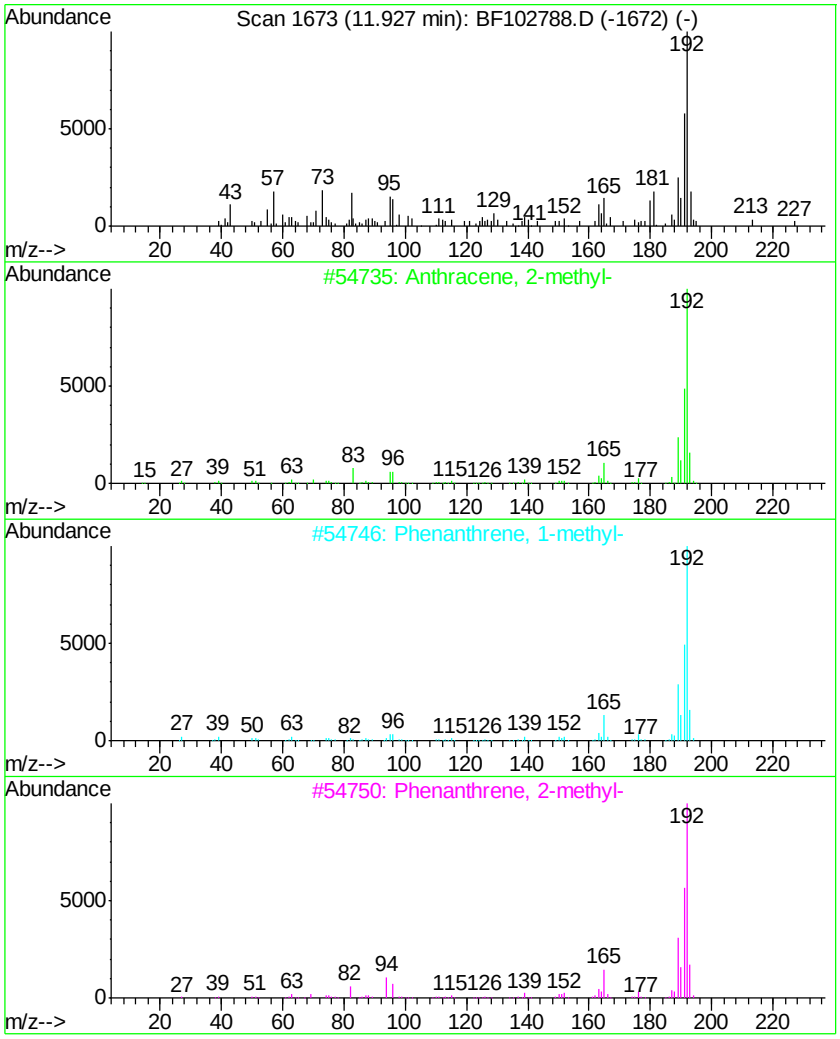
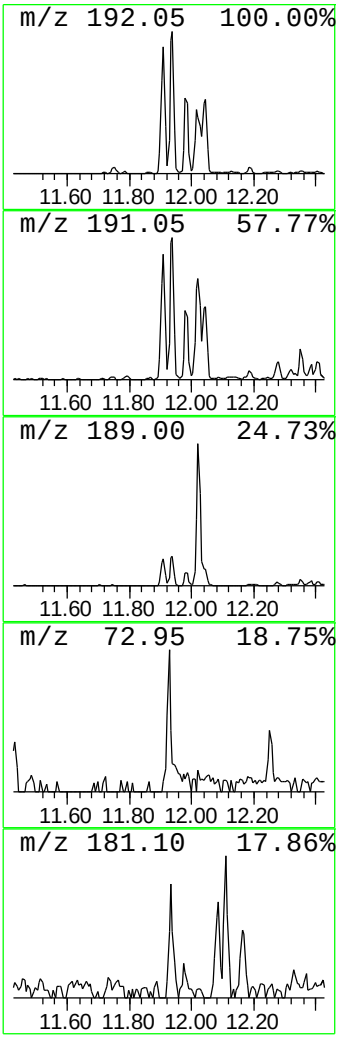
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.71 ng	271479	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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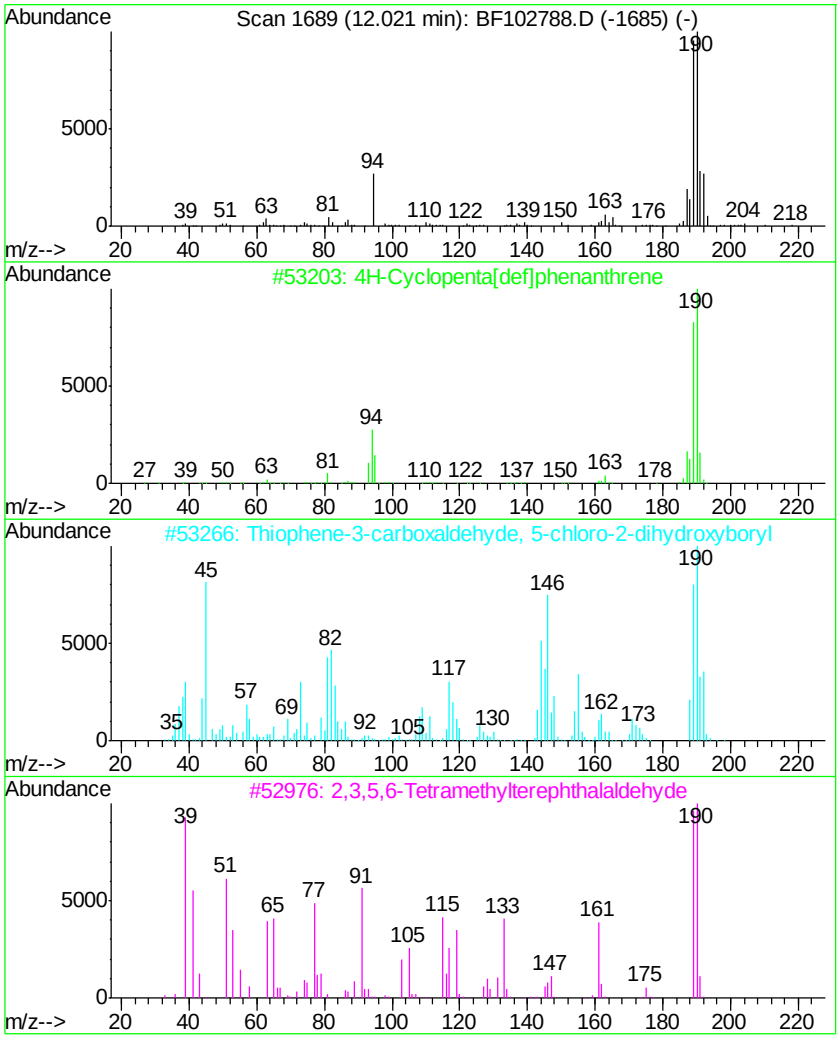
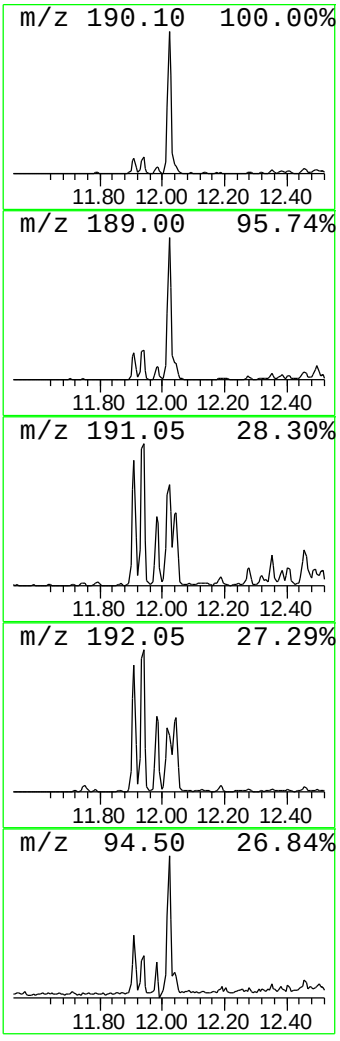
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.76 ng	388992	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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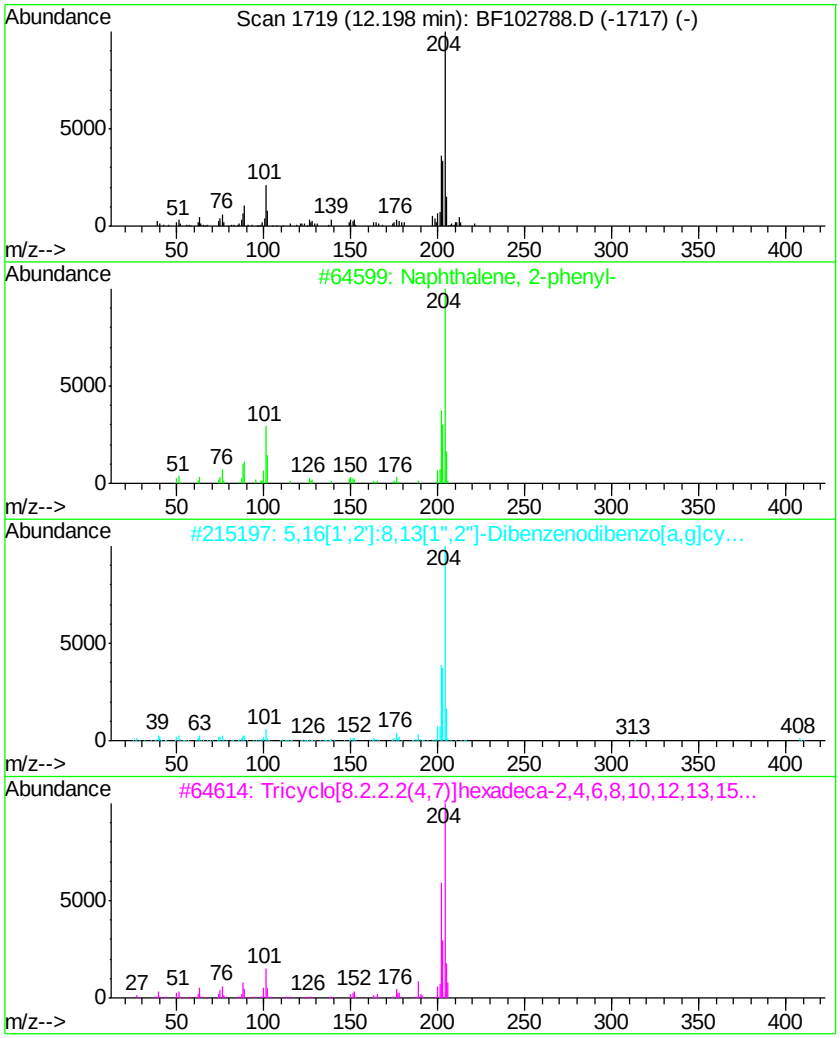
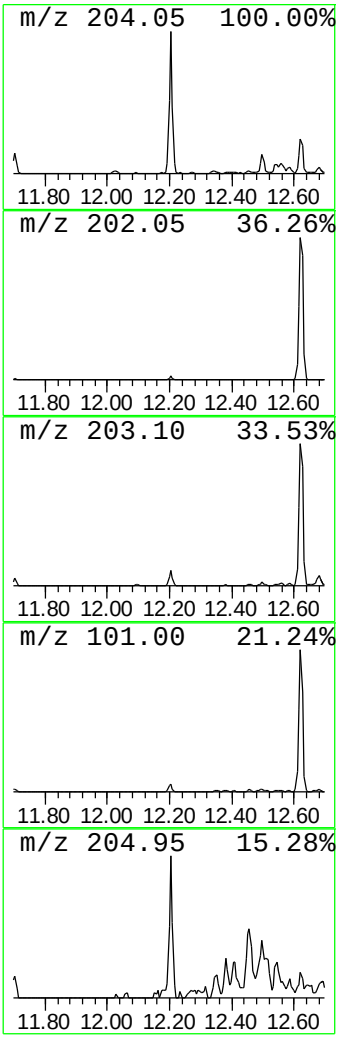
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.41 ng	138958	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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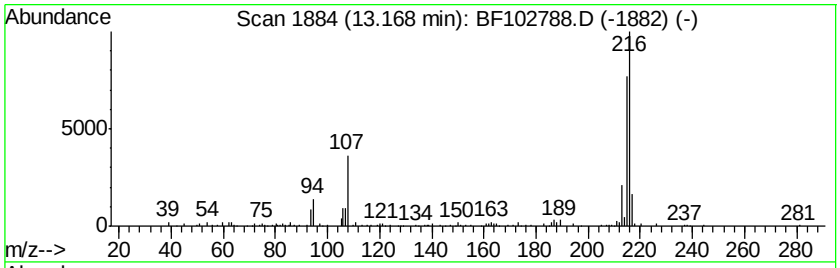
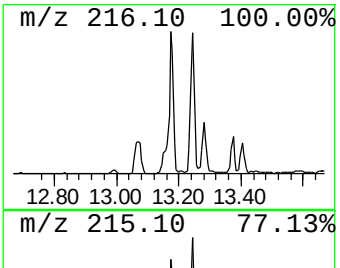
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.90 ng	350960	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





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Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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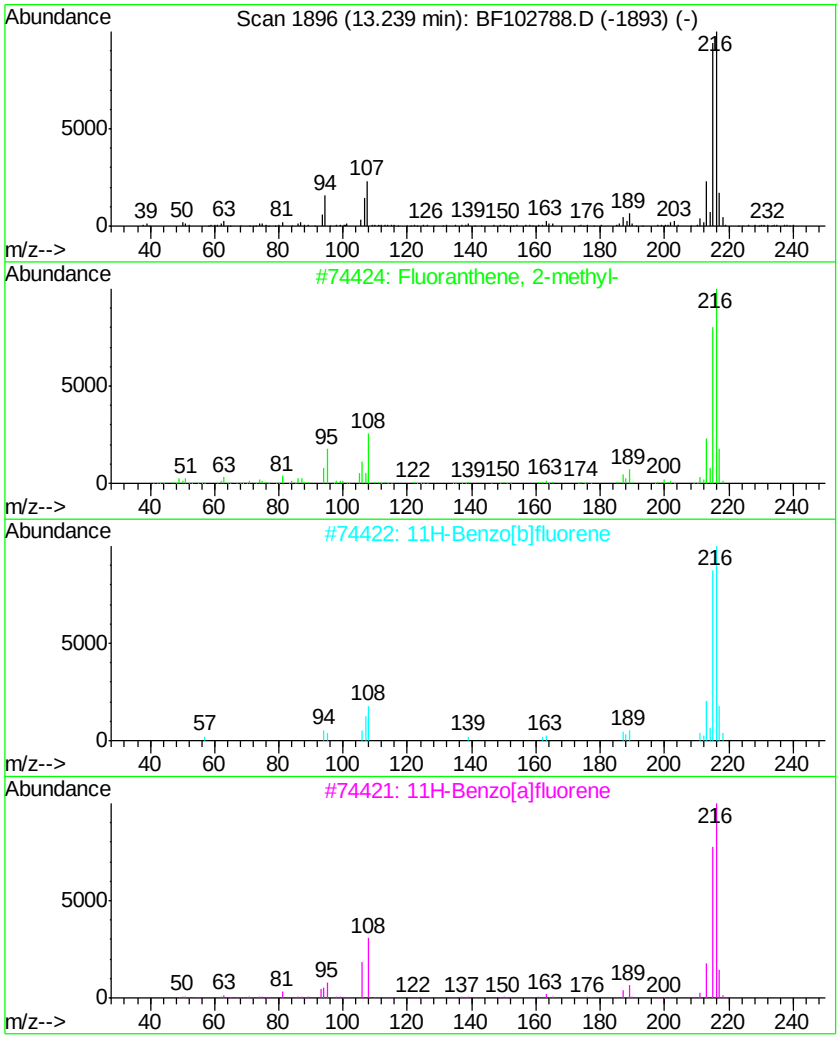
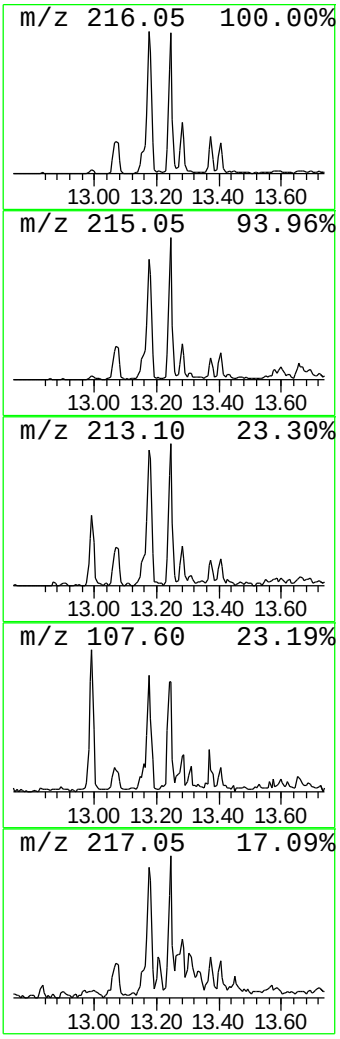
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.81 ng	339714	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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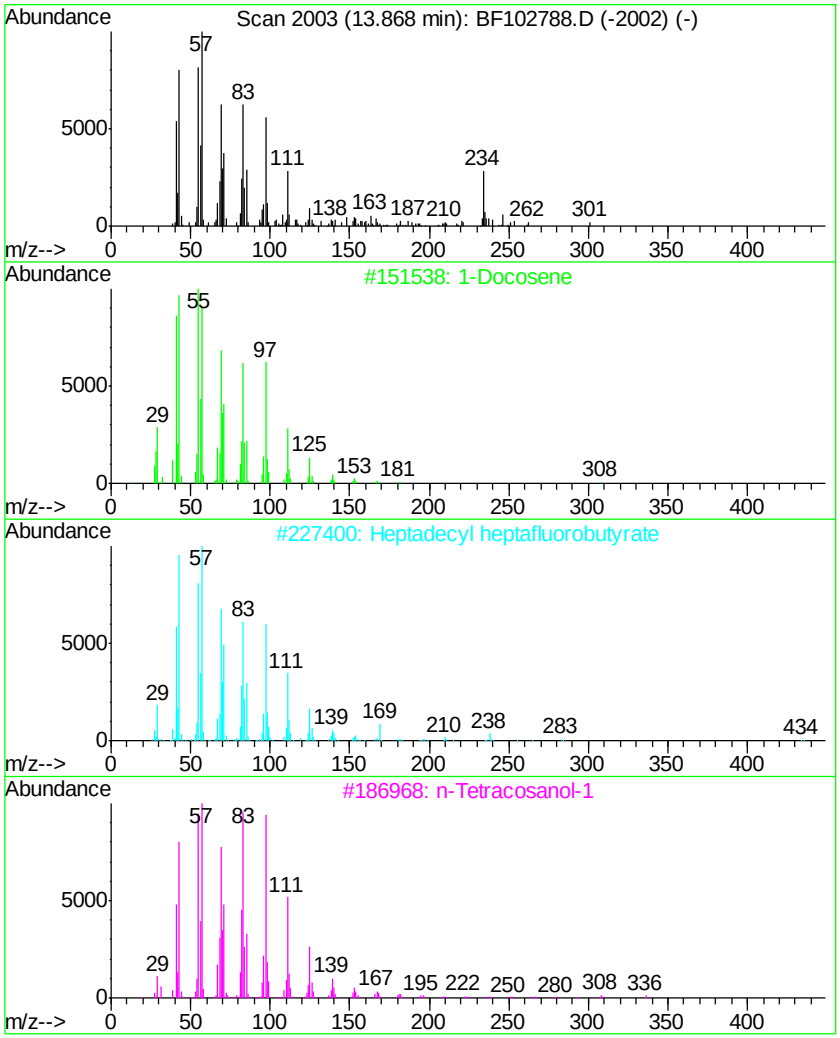
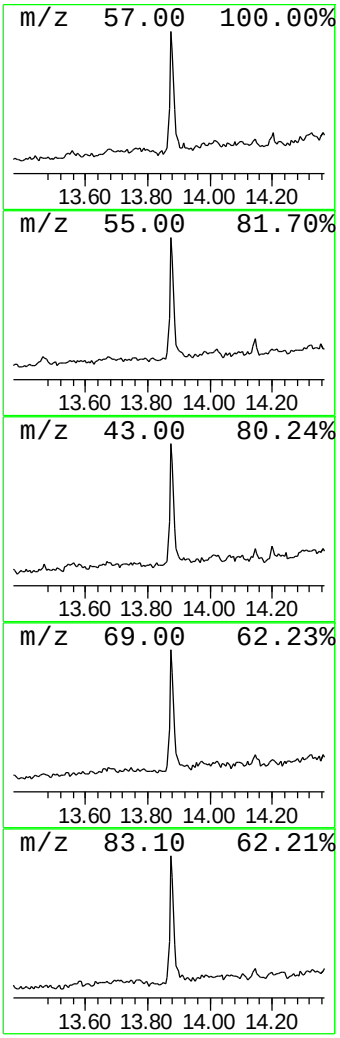
Peak Number 16 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.50 ng	423948	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





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Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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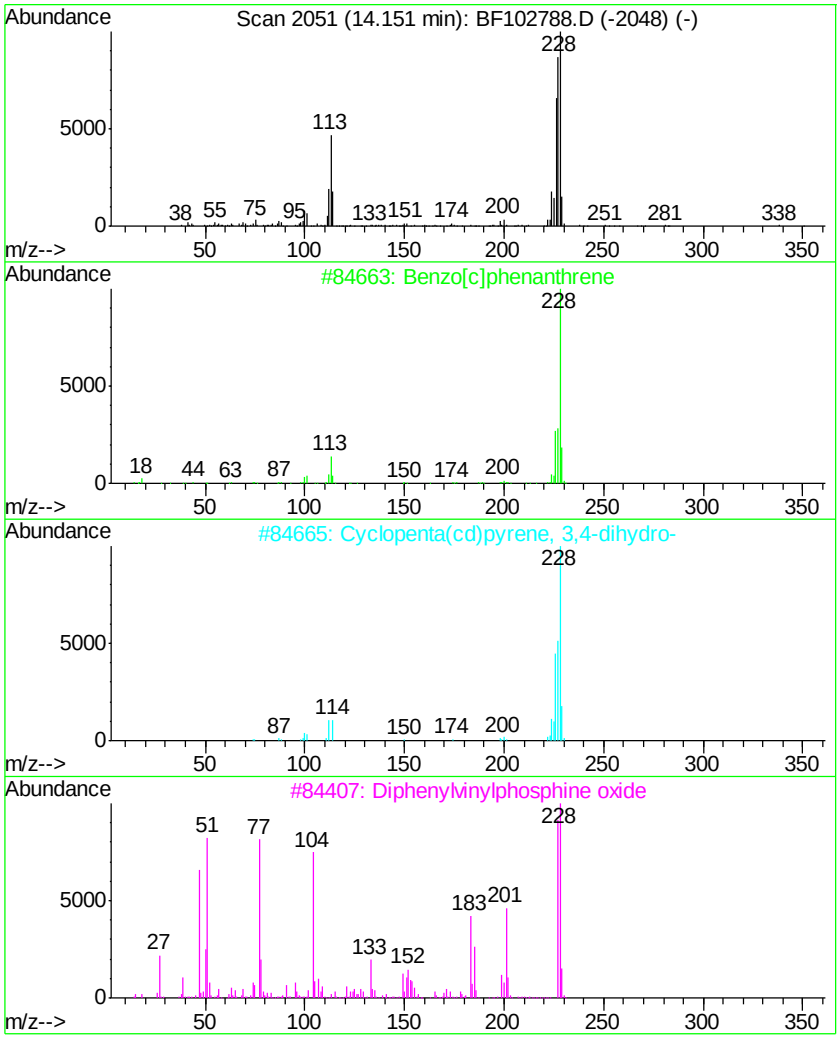
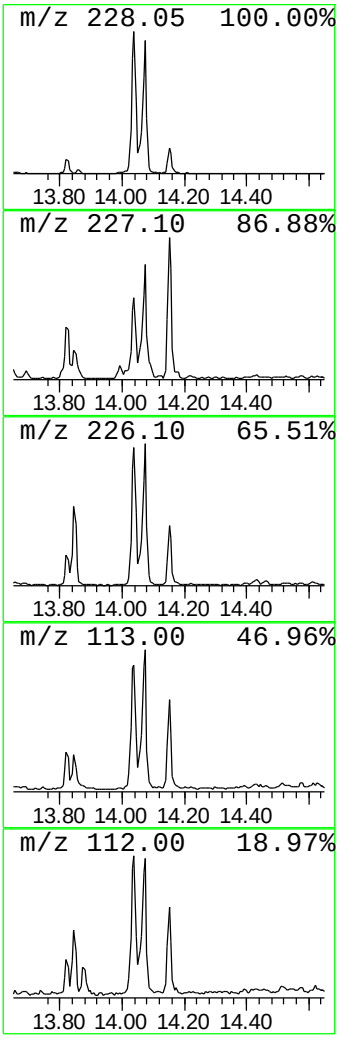
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.29 ng	276539	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	43
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





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Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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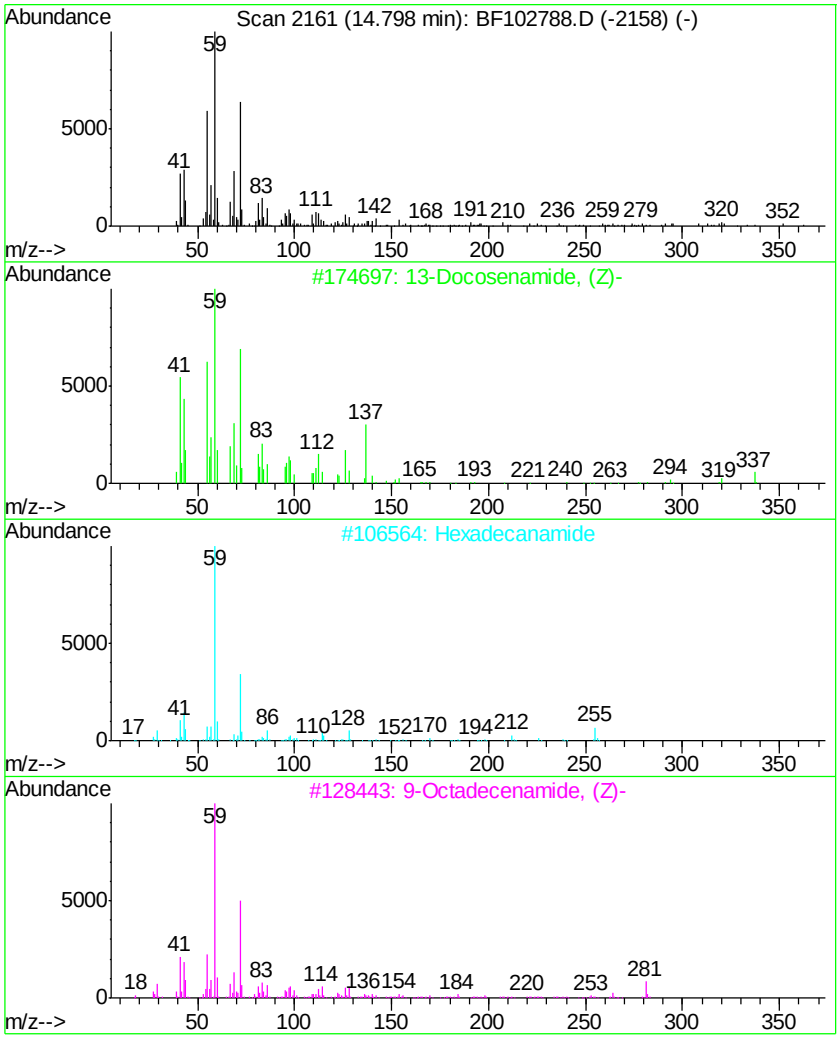
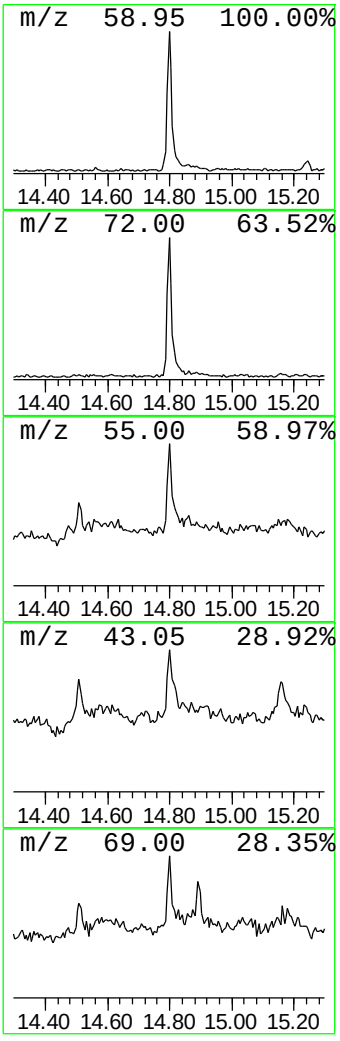
Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.39 ng	213799	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	72
5	Nonanamide	157	C9H19NO	001120-07-6	64





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Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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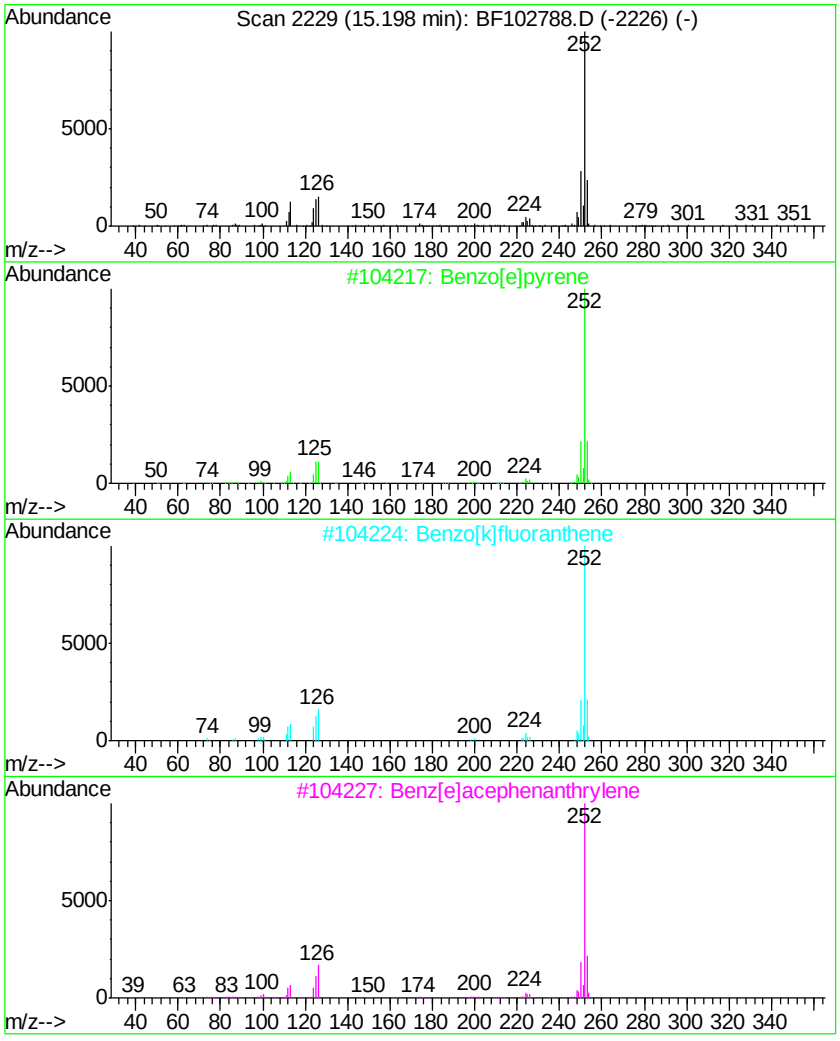
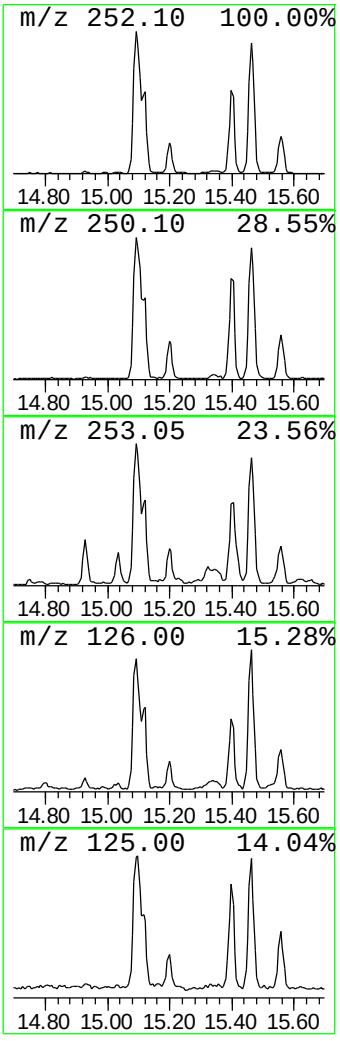
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.55 ng	221572	Perylene-d12	15.53

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102788.D
Acq On : 6 Feb 2018 17:07
Operator : SJ/JU
Sample : J1454-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-ST-LATERAL-LINE-1-SW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.18	10.6	ng	591614	1	6.88	1112440	20.0
2-Pentanone, 4-hy...	5.12	2.6	ng	145353	1	6.88	1112440	20.0
unknown6.65	6.65	76.8	ng	4272890	1	6.88	1112440	20.0
Hexadecane	9.85	2.3	ng	156617	3	9.92	1360960	20.0
unknown11.27	11.27	2.9	ng	166305	4	11.41	1151600	20.0
Dibenzothiophene	11.30	3.1	ng	178523	4	11.41	1151600	20.0
Phenanthrene, 2-m...	11.91	3.7	ng	214400	4	11.41	1151600	20.0
Anthracene, 2-met...	11.93	4.7	ng	271479	4	11.41	1151600	20.0
4H-Cyclopenta[def...	12.02	6.8	ng	388992	4	11.41	1151600	20.0
Naphthalene, 2-ph...	12.20	2.4	ng	138958	4	11.41	1151600	20.0
11H-Benzo[b]fluorene	13.17	2.9	ng	350960	5	14.05	2420240	20.0
Fluoranthene, 2-m...	13.24	2.8	ng	339714	5	14.05	2420240	20.0
1-Docosene	13.87	3.5	ng	423948	5	14.05	2420240	20.0
Benzo[c]phenanthrene	14.15	2.3	ng	276539	5	14.05	2420240	20.0
13-Docosenamide, ...	14.80	4.4	ng	213799	6	15.53	974844	20.0
Benzo[e]pyrene	15.20	4.5	ng	221572	6	15.53	974844	20.0