LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

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-BF012218.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	4.893	475	477	483	rVB	33790	35098	1.76%	0.182%
2	5.322	546	550	562	rBV	619194	608165	30.42%	3.160%
3	6.357	723	726	738	rBV	576973	586109	29.31%	3.045%
4	6.487	744	748	754	rBV	740864	614119	30.72%	3.191%
5	6.716	784	787	793	rBV	802057	675658	33.79%	3.511%
6	6.869	810	813	822	rBV	555916	483477	24.18%	2.512%
7	7.281	879	883	894	rBV	328697	312875	15.65%	1.626%
8	7.998	1001	1005	1014	rBV	916920	835014	41.76%	4.339%
9	8.716	1124	1127	1131	rBV	23719	25643	1.28%	0.133%
10	8.810	1141	1143	1149	rVB	29910	26610	1.33%	0.138%
11	9.075	1184	1188	1197	rBV	683723	566180	28.32%	2.942%
12	9.222	1211	1213	1219	rBV2	25467	26646	1.33%	0.138%
13	9.410	1242	1245	1248	rBV	23043	23218	1.16%	0.121%
14	9.480	1252	1257	1263	rVB2	81111	98579	4.93%	0.512%
15	9.680	1288	1291	1295	rBV	28769	26767	1.34%	0.139%
16	9.751	1299	1303	1307	rVV	817639	721533	36.09%	3.749%
17	9.786	1307	1309	1312	rVB	68483	57678	2.88%	0.300%
18	9.957	1334	1338	1342	rBV	31908	32791	1.64%	0.170%
19	10.180	1368	1376	1379	rBV3	33961	40779	2.04%	0.212%
20	10.298	1393	1396	1402	rVB	74367	65468	3.27%	0.340%
21	10.539	1430	1437	1447	rBV	335393	314988	15.75%	1.637%
22	10.657	1454	1457	1461	rBV2	24565	29082	1.45%	0.151%
23	10.780	1475	1478	1481	rBV	28171	23090	1.15%	0.120%
24	10.845	1484	1489	1492	rBV2	20986	26507	1.33%	0.138%
25	11.104	1526	1533	1536	rBV4	16662	31436	1.57%	0.163%
26	11.133	1536	1538	1543	rVB	33621	30614	1.53%	0.159%
27	11.239	1552	1556	1558	rBV	795031	720040	36.01%	3.741%
28	11.263	1558	1560	1563	rVV	722241	569897	28.50%	2.961%
29	11.292	1563	1565	1566	rVV	44733	35547	1.78%	0.185%
30	11.310	1566	1568	1572	rVB	191323	172798	8.64%	0.898%
31	11.469	1588	1595	1602	rBV2	25401	47661	2.38%	0.248%
32	11.527	1603	1605	1608	rBV2	29456	25577	1.28%	0.133%
33	11.739	1636	1641	1643	rBV	87810	81769	4.09%	0.425%
34	11.769	1643	1646	1650	rVV	103437	90101	4.51%	0.468%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.816	1650	1654	1656	rVV	47551	40579	2.03%	0.211%
36	11.851	1656	1660	1662	rVV	123429	130845	6.54%	0.680%
37	11.869	1662	1663	1669	rVB	53362	48596	2.43%	0.253%
38	11.939	1669	1675	1678	rBV5	16878	33156	1.66%	0.172%
39	12.033	1689	1691	1694	rBV	65462	52509	2.63%	0.273%
40	12.063	1694	1696	1699	rVB3	27085	25306	1.27%	0.131%
41	12.180	1710	1716	1719	rBV4	27683	36475	1.82%	0.190%
42	12.286	1730	1734	1737	rBV2	69716	90860	4.54%	0.472%
43	12.321	1737	1740	1743	rVV2	50966	61217	3.06%	0.318%
44	12.374	1746	1749	1753	rVV3	42160	54973	2.75%	0.286%
45	12.451	1757	1762	1766	rBV	686471	645117	32.27%	3.352%
46	12.504	1767	1771	1776	rVB5	25178	45252	2.26%	0.235%
47	12.680	1795	1801	1807	rBV	751573	782754	39.15%	4.067%
48	12.727	1807	1809	1814	rVB5	25686	31792	1.59%	0.165%
49	12.821	1821	1825	1831	rVB	660815	593496	29.68%	3.084%
50	12.898	1833	1838	1842	rBV3	39801	70346	3.52%	0.366%
51	13.004	1849	1856	1858	rBV	79631	117356	5.87%	0.610%
52	13.027	1858	1860	1863	rVV	157459	150908	7.55%	0.784%
53	13.074	1866	1868	1870	rVB	58126	43773	2.19%	0.227%
54	13.110	1871	1874	1877	rBV2	47186	49691	2.49%	0.258%
55	13.168	1882	1884	1888	rBV4	23704	29617	1.48%	0.154%
56	13.204	1888	1890	1892	rVB	31529	24101	1.21%	0.125%
57	13.233	1892	1895	1898	rBV	47562	45359	2.27%	0.236%
58	13.392	1920	1922	1926	rVB	58541	59703	2.99%	0.310%
59	13.515	1940	1943	1948	rVB2	76623	85984	4.30%	0.447%
60	13.621	1959	1961	1964	rBV	35983	45537	2.28%	0.237%
61	13.651	1964	1966	1968	rVV	53597	43429	2.17%	0.226%
62	13.674	1968	1970	1974	rVV3	48800	55632	2.78%	0.289%
63	13.715	1974	1977	1984	rVV	1175492	1179696	59.00%	6.130%
64	13.874	1997	2004	2007	rBV2	832766	1059603	53.00%	5.506%
65	13.904	2007	2009	2012	rVB	207016	168501	8.43%	0.876%
66	13.974	2019	2021	2026	rVB2	78974	86716	4.34%	0.451%
67	14.039	2030	2032	2034	rBV	109649	98540	4.93%	0.512%
68	14.163	2051	2053	2056	rBV2	111843	99833	4.99%	0.519%
69	14.357	2082	2086	2092	rBV	1735006	1999379	100.00%	10.389%
70	14.780	2156	2158	2161	rVB	122621	117512	5.88%	0.611%
71	14.898	2175	2178	2184	rVB	128047	195958	9.80%	1.018%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.968	2186	2190	2192	rBV	505966	668454	33.43%	3.473%
73	14.992	2192	2194	2199	rVB2	531522	563857	28.20%	2.930%
74	15.245	2234	2237	2241	rVB	130106	147851	7.39%	0.768%
75	15.304	2244	2247	2254	rVV2	352846	525667	26.29%	2.731%
76	15.515	2281	2283	2288	rVB2	116174	136467	6.83%	0.709%
77	15.739	2317	2321	2325	rVB	311882	417446	20.88%	2.169%
78	15.786	2326	2329	2336	rVB3	152531	224301	11.22%	1.165%

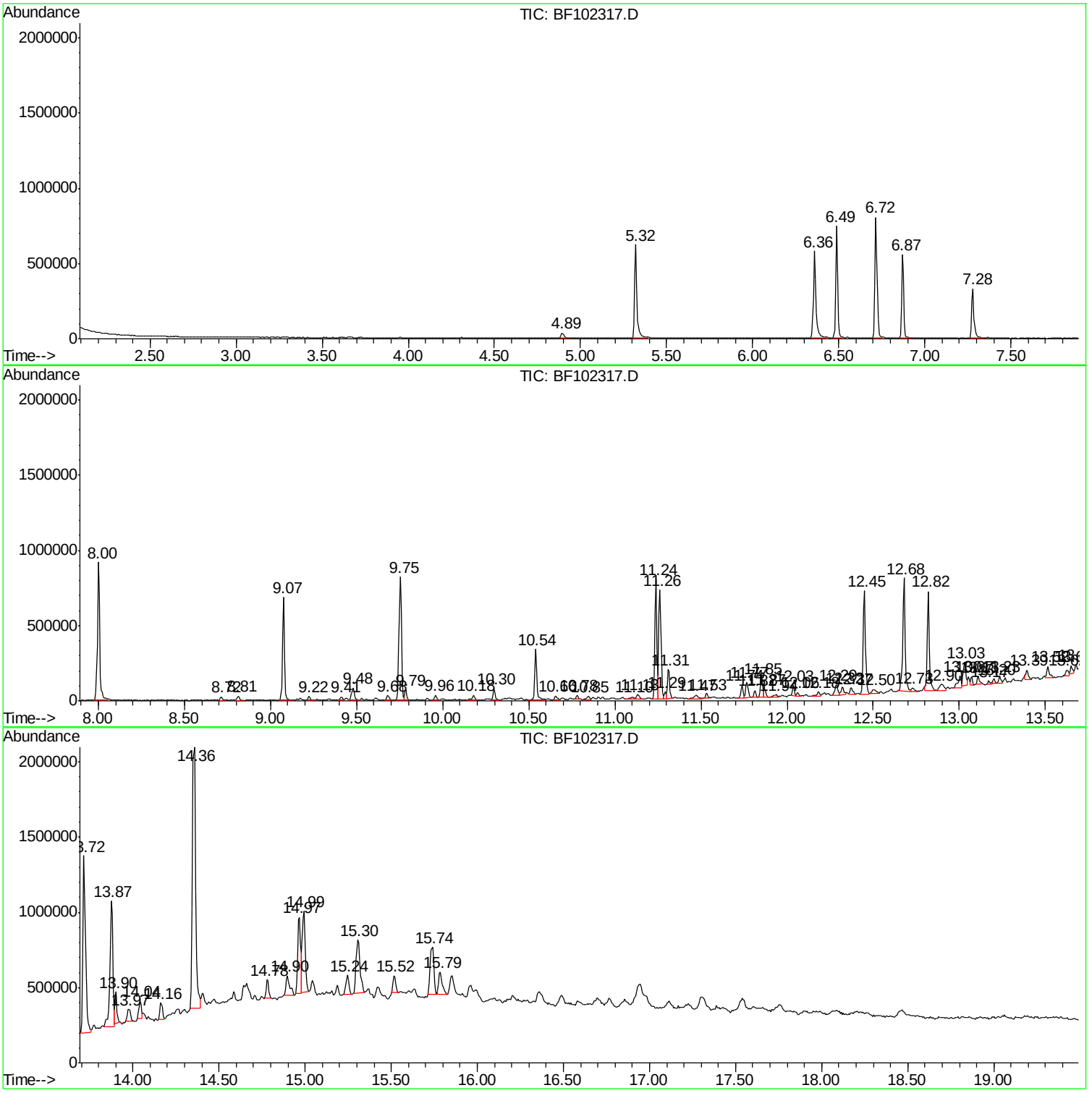
Sum of corrected areas: 19245658

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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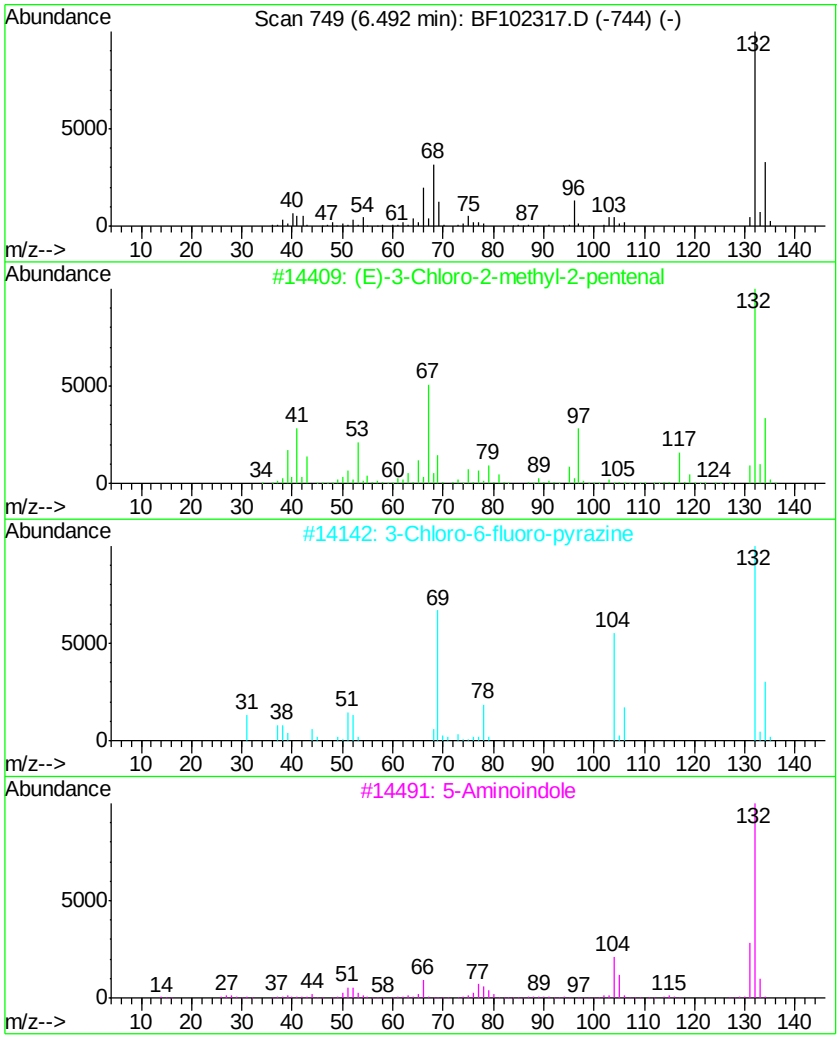
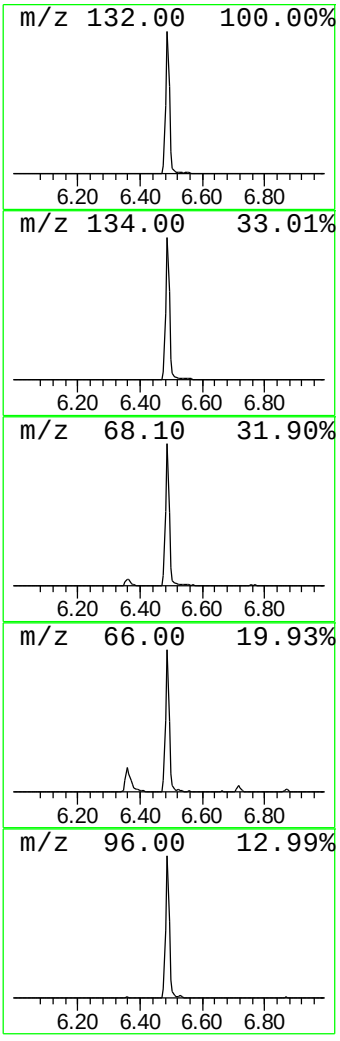
Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	18.18 ng	614119	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

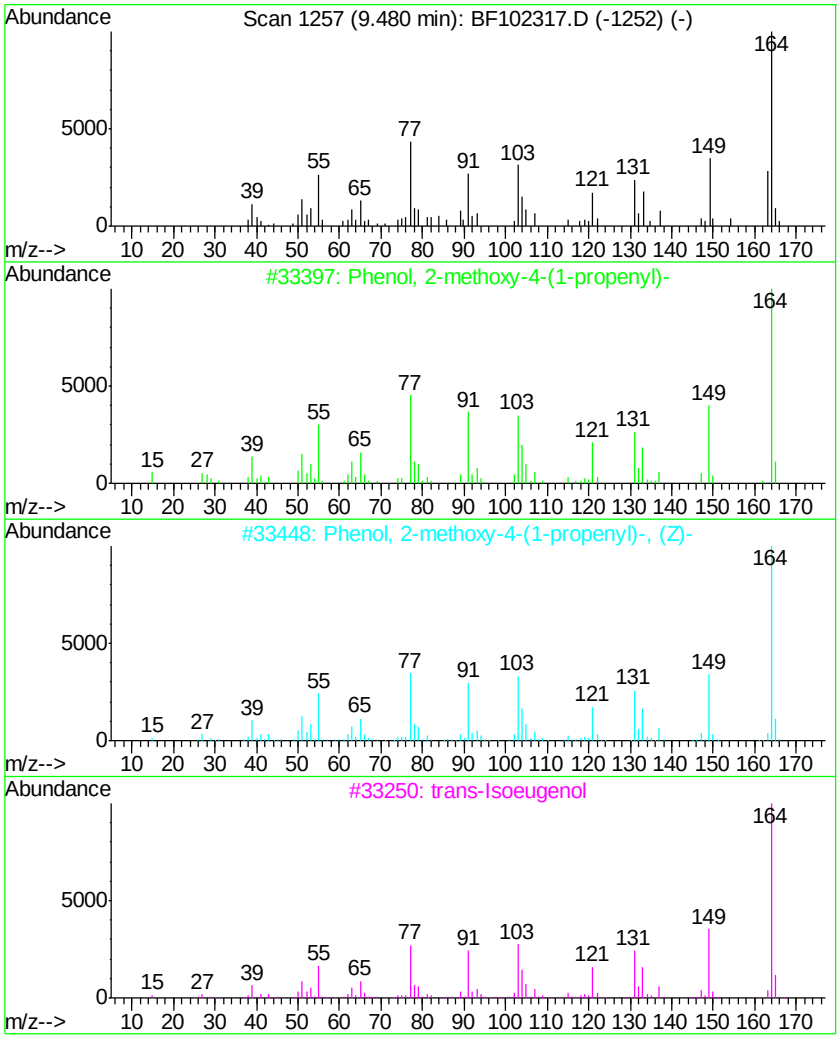
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

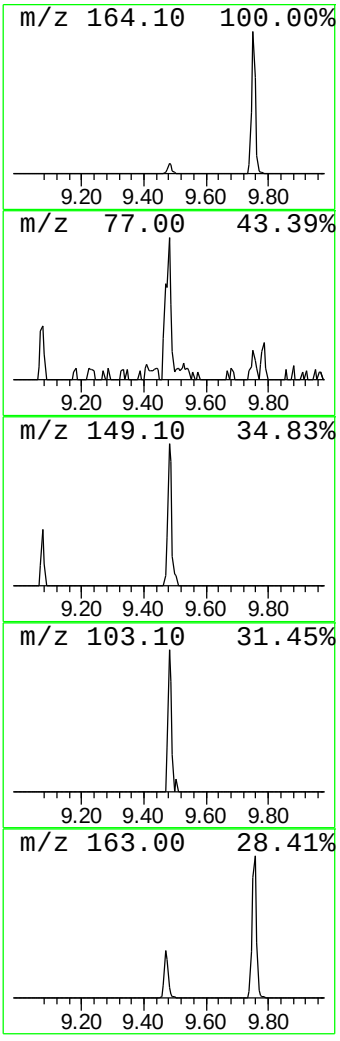
****

Peak Number 3 Phenol, 2-methoxy-4-(1-prop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	2.73 ng	98579	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-(1-propenyl)-	164	C10H12O2	000097-54-1	98
2	Phenol, 2-methoxy-4-(1-propenyl)...	164	C10H12O2	005912-86-7	97
3	trans-Isoeugenol	164	C10H12O2	005932-68-3	96
4	Eugenol	164	C10H12O2	000097-53-0	93
5	Phenol, 2-methoxy-6-(2-propenyl)-	164	C10H12O2	000579-60-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

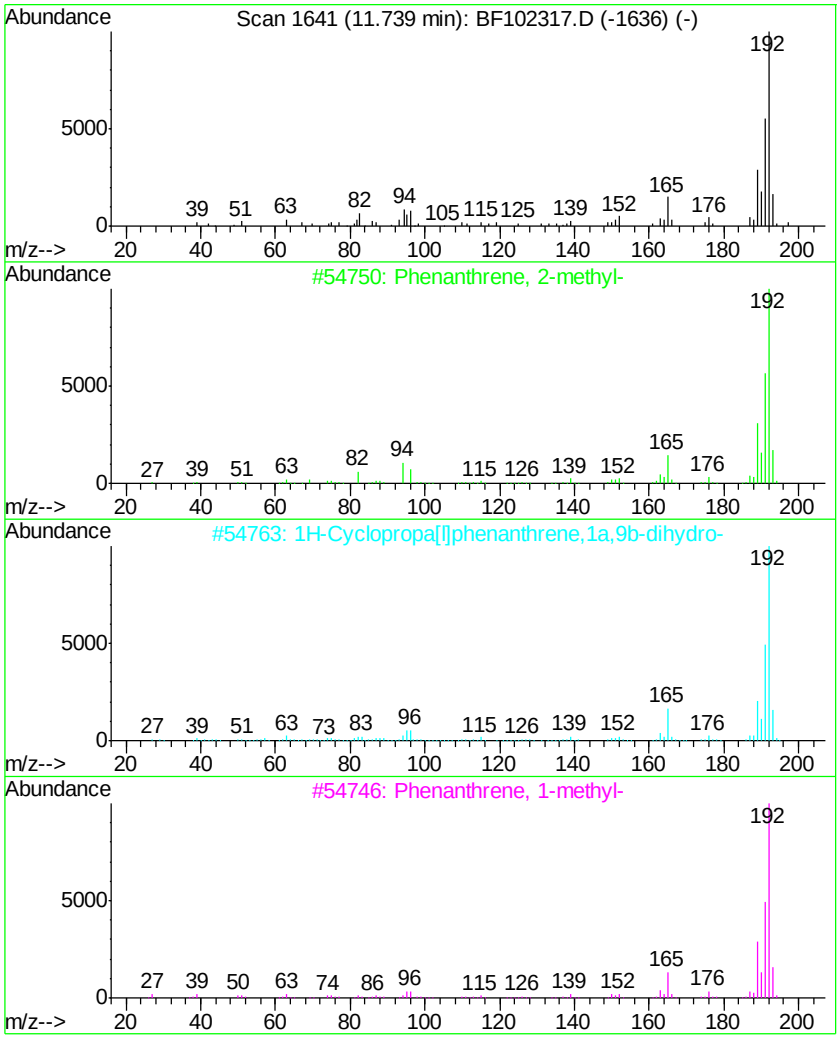
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

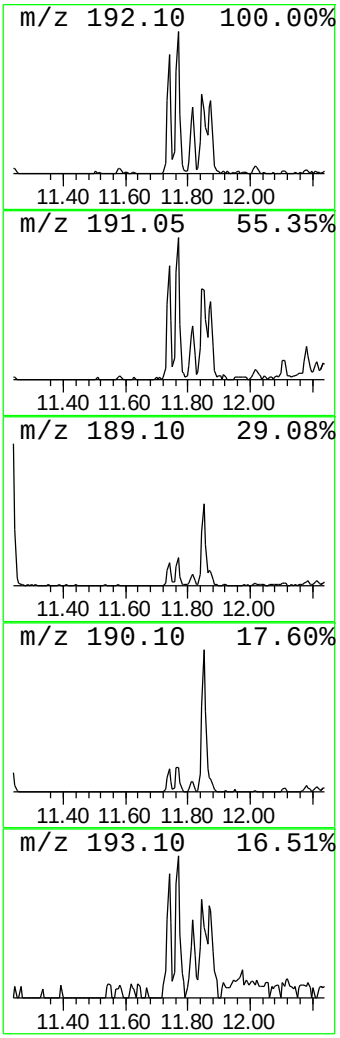
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.27 ng	81769	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

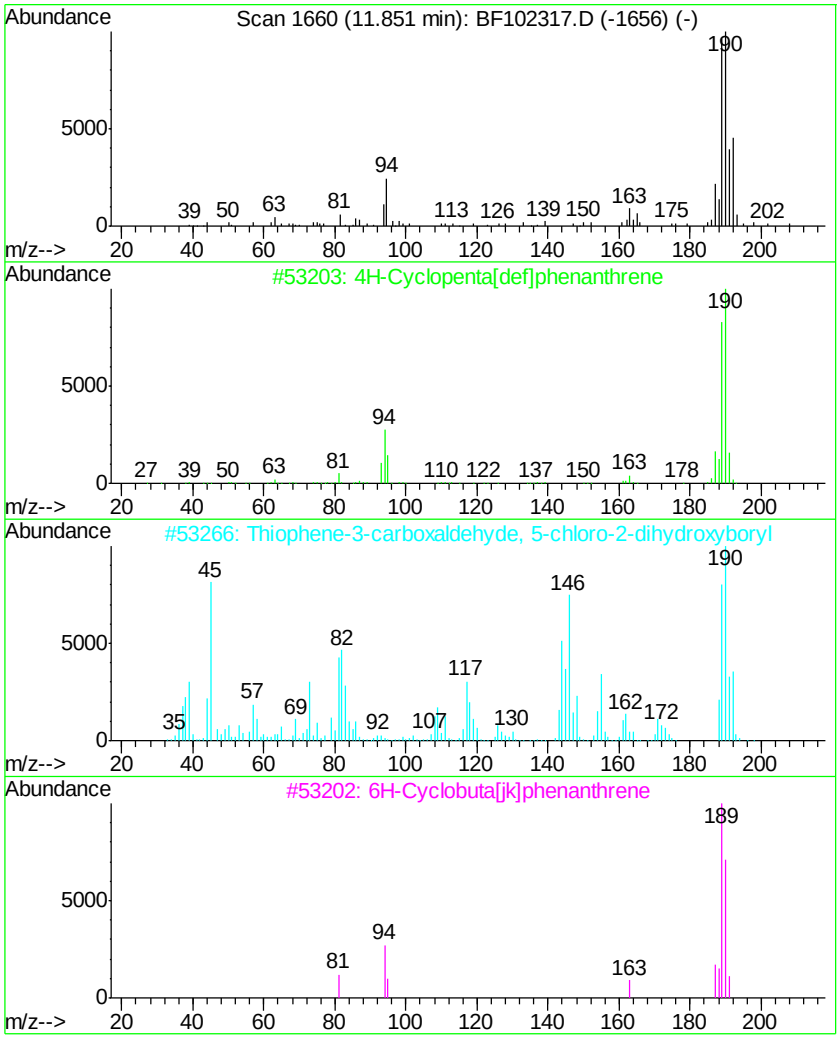
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

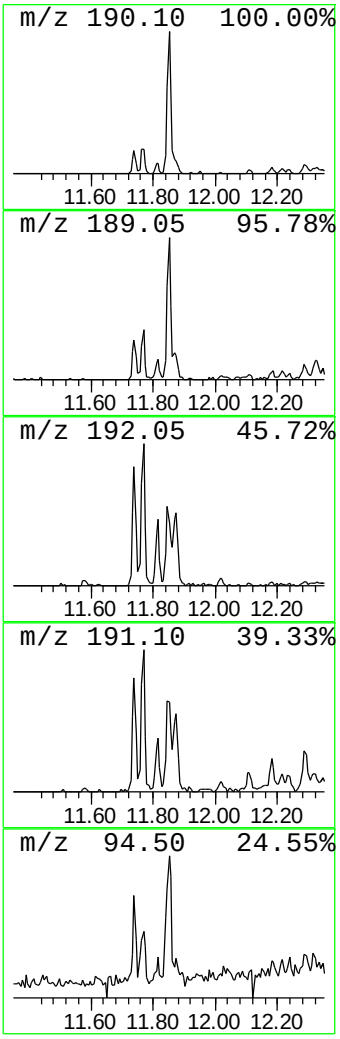
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.63 ng	130845	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

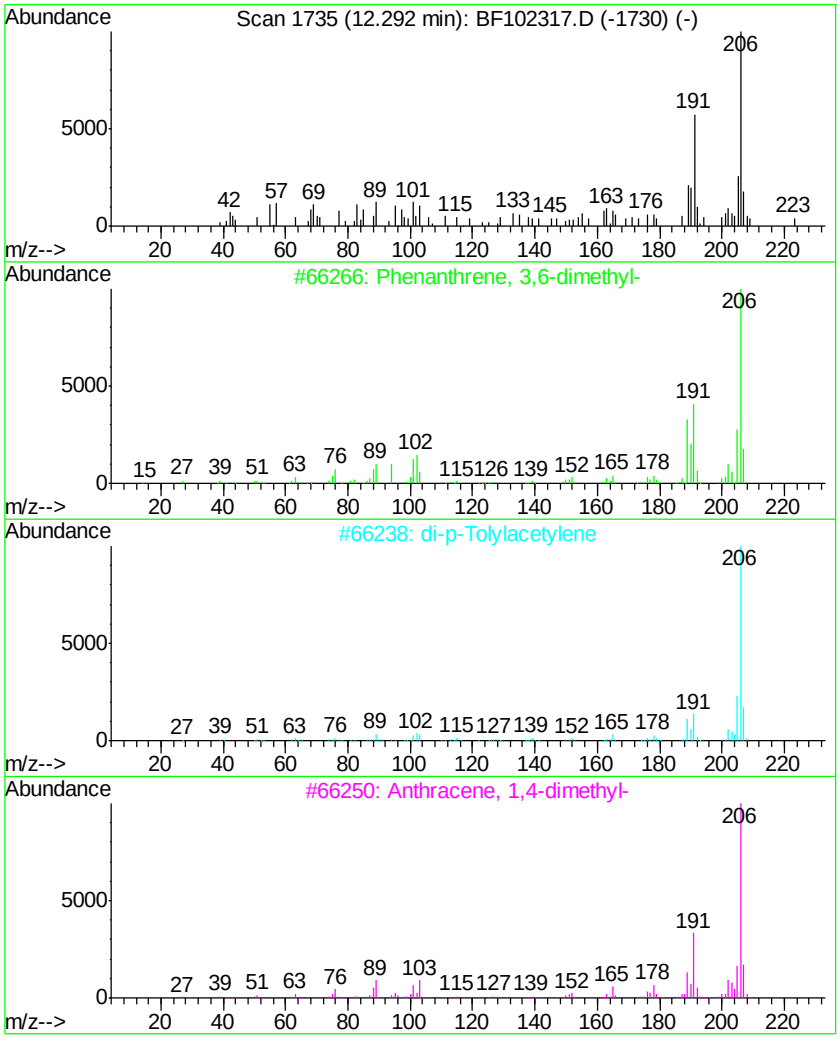
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

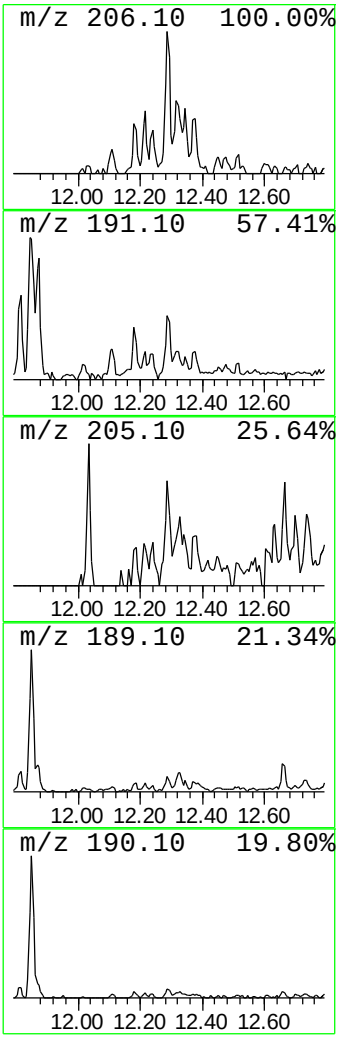
****

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.52 ng	90860	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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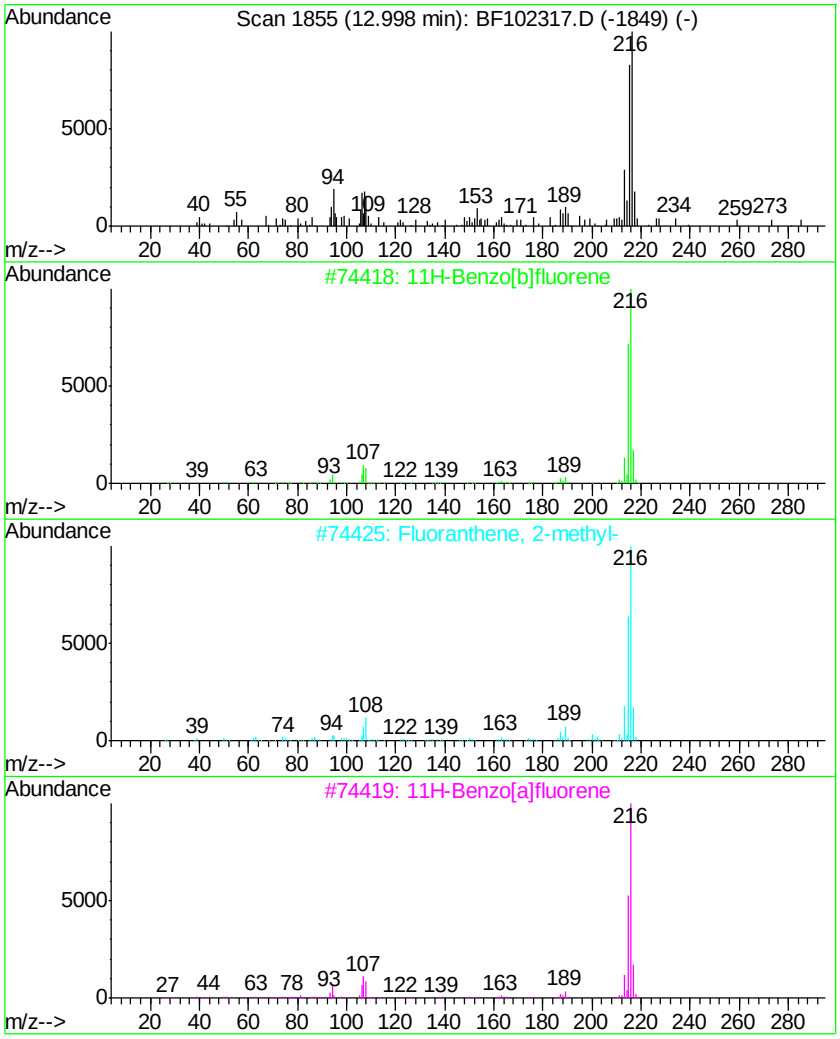
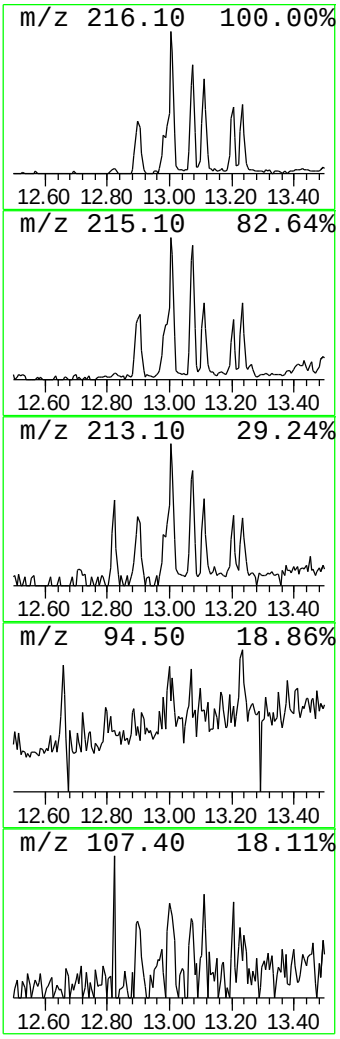
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.22 ng	117356	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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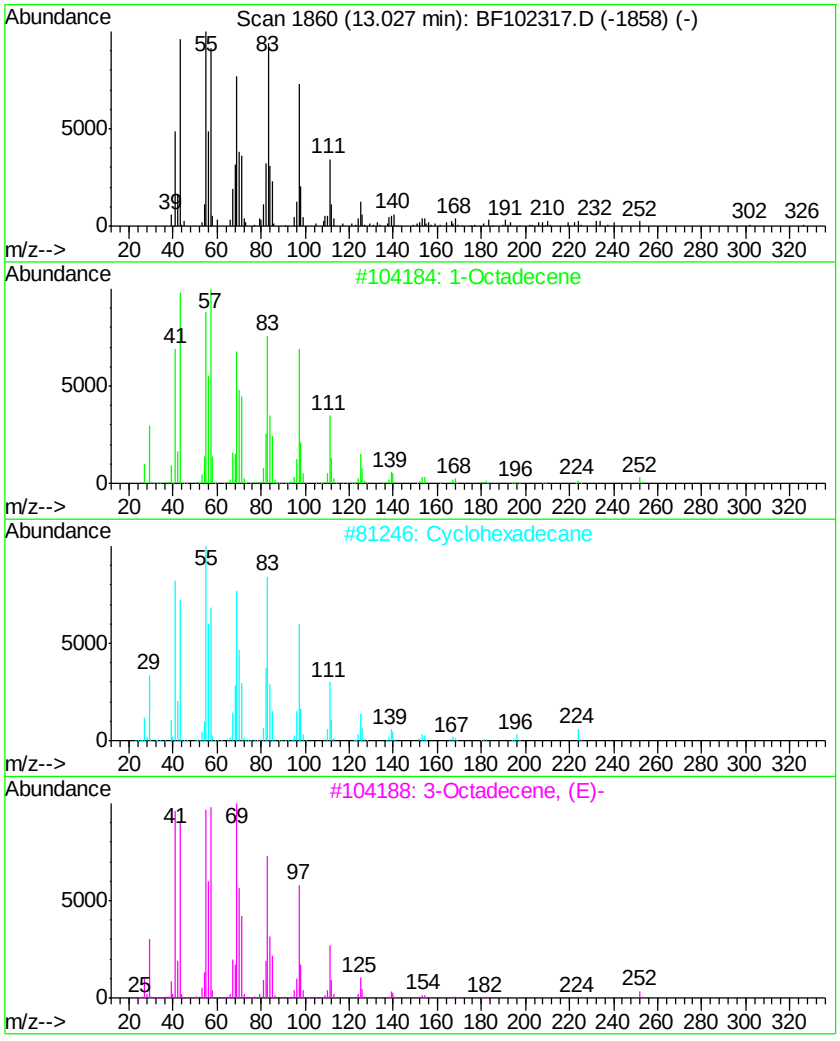
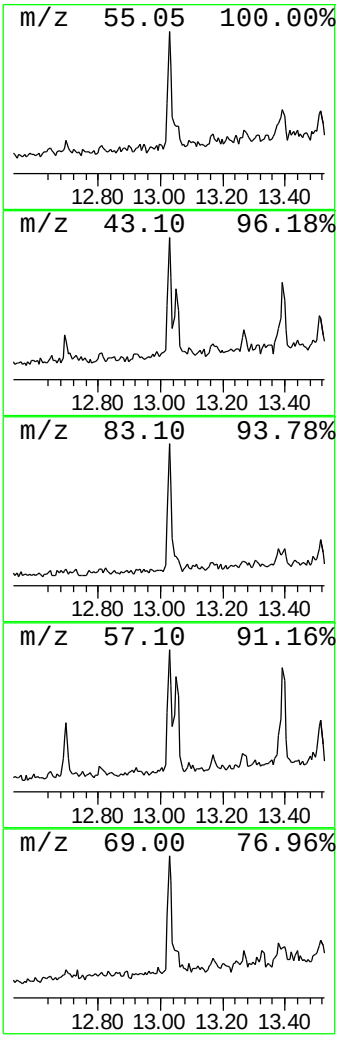
Peak Number 9 1-Octadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.85 ng	150908	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	99
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	94





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Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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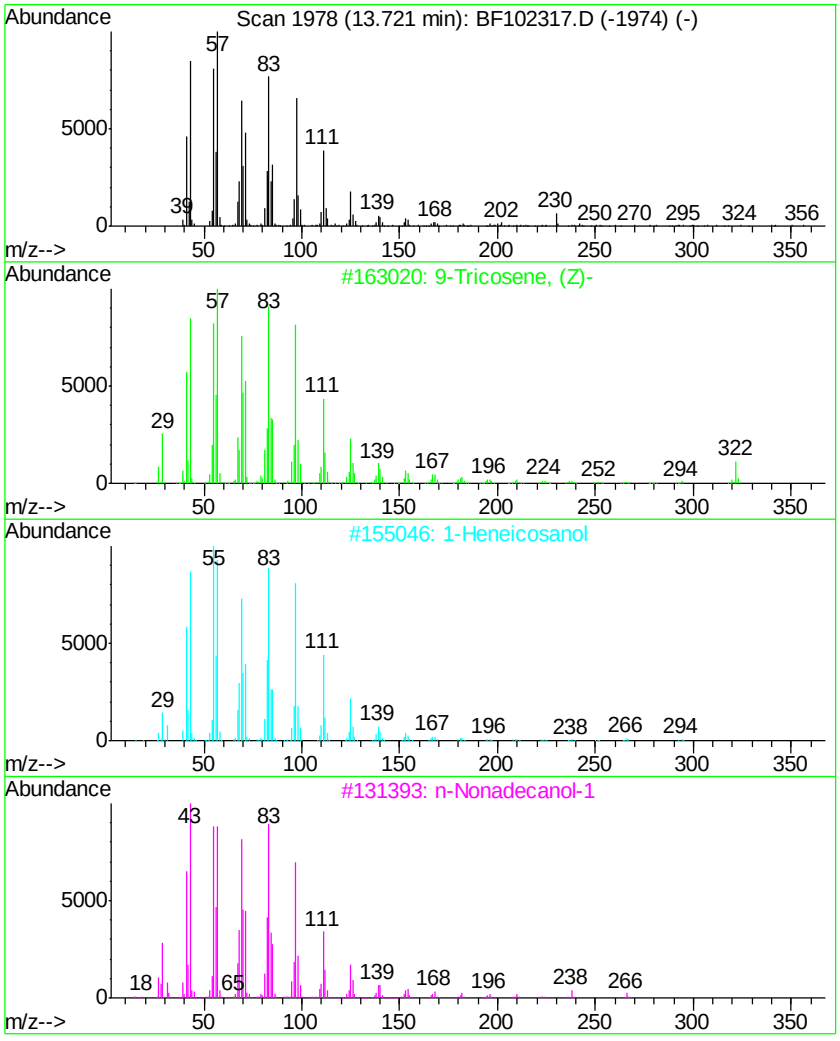
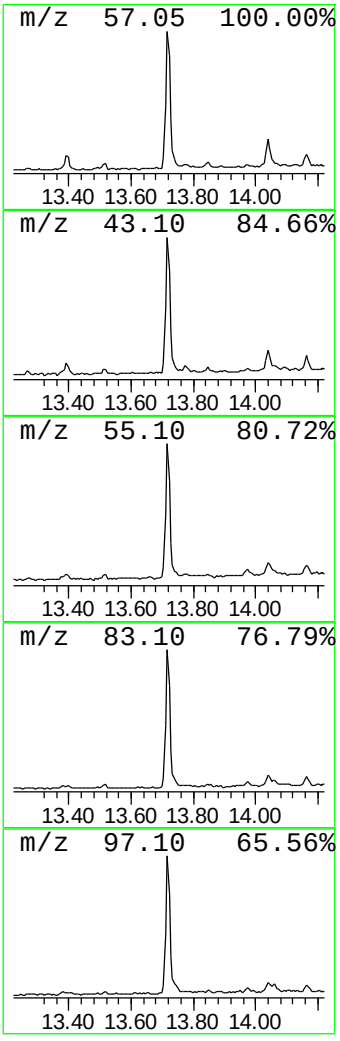
Peak Number 10 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	22.27 ng	1179700	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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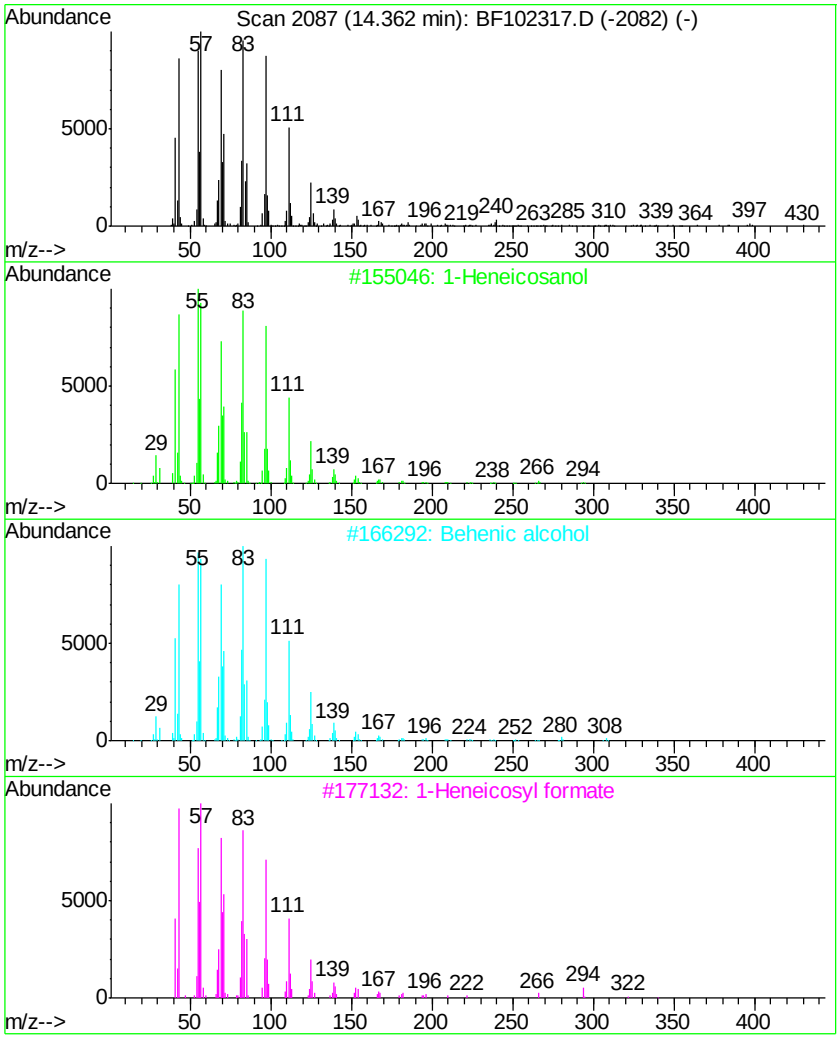
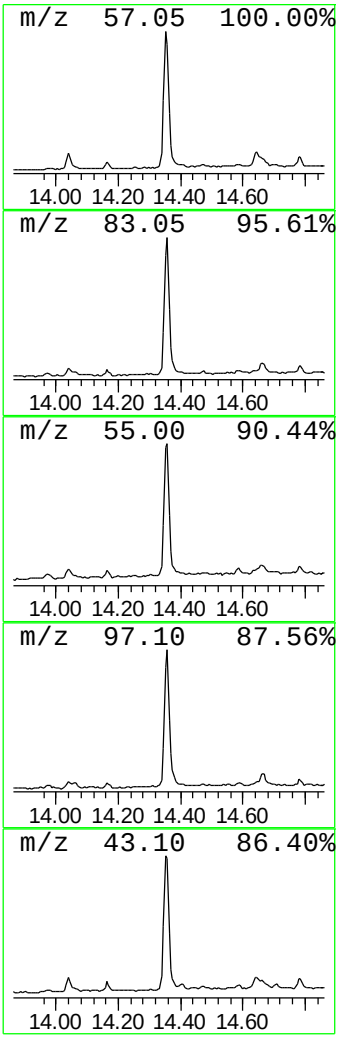
Peak Number 11 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	37.74 ng	1999380	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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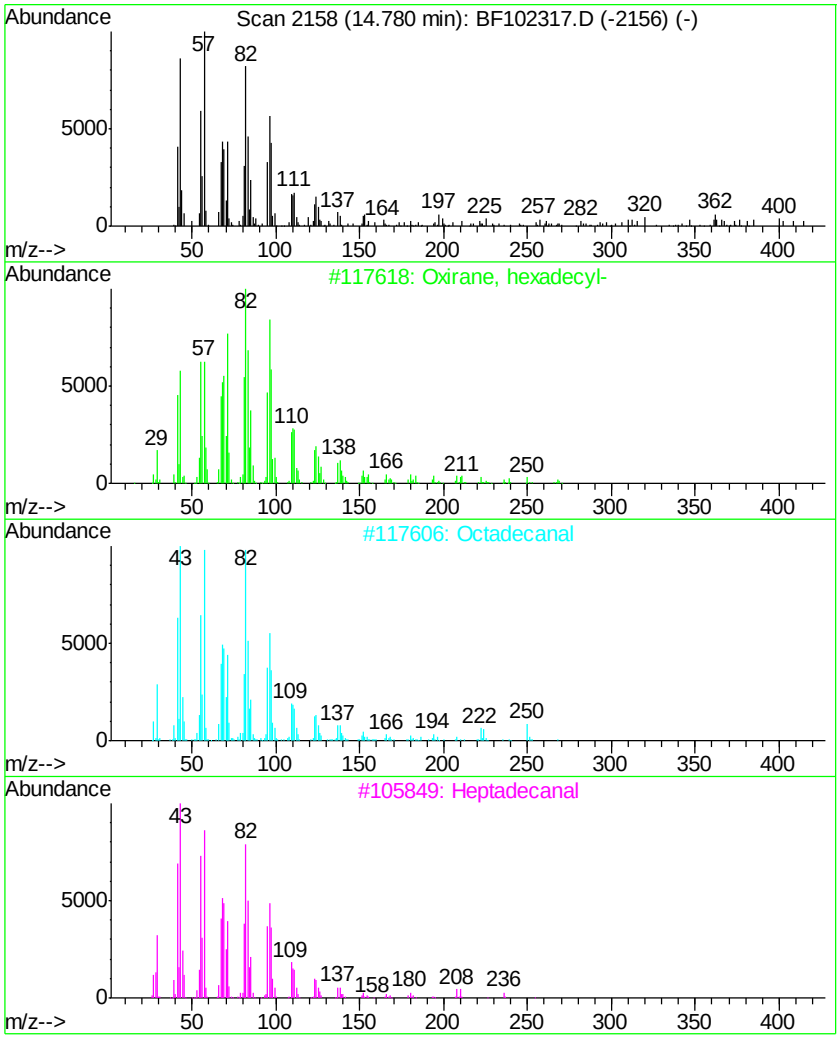
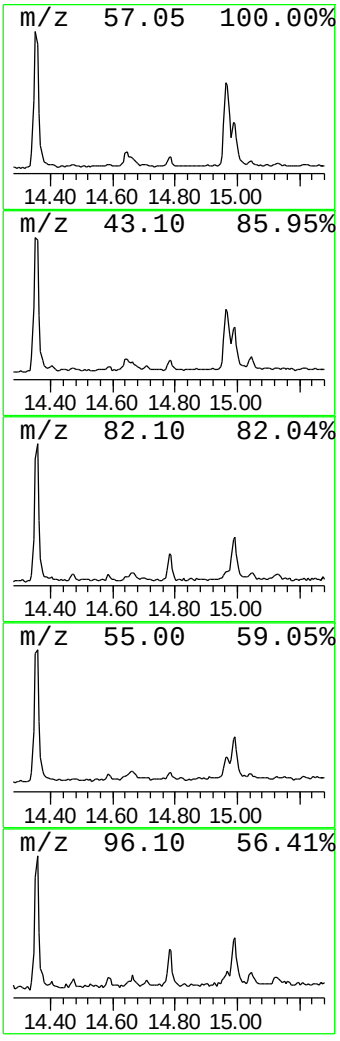
Peak Number 12 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.47 ng	117512	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2	Octadecanal	268	C18H36O	000638-66-4	96
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Hexadecanal	240	C16H32O	000629-80-1	91





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Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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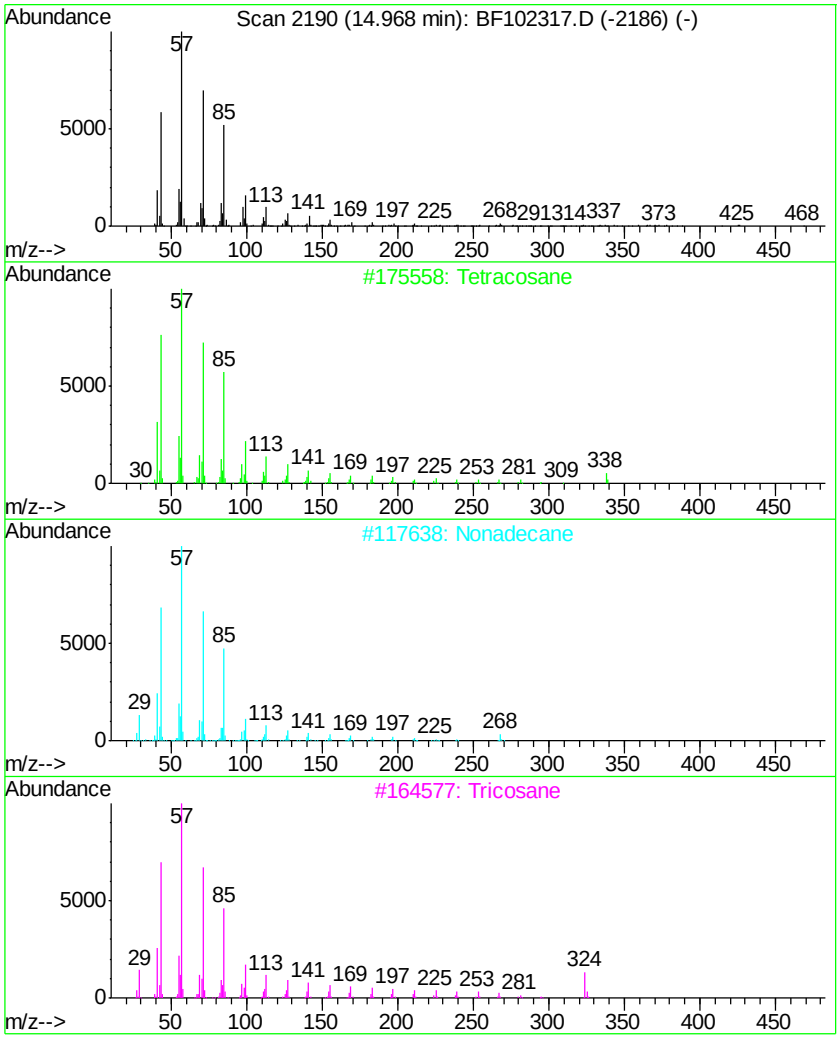
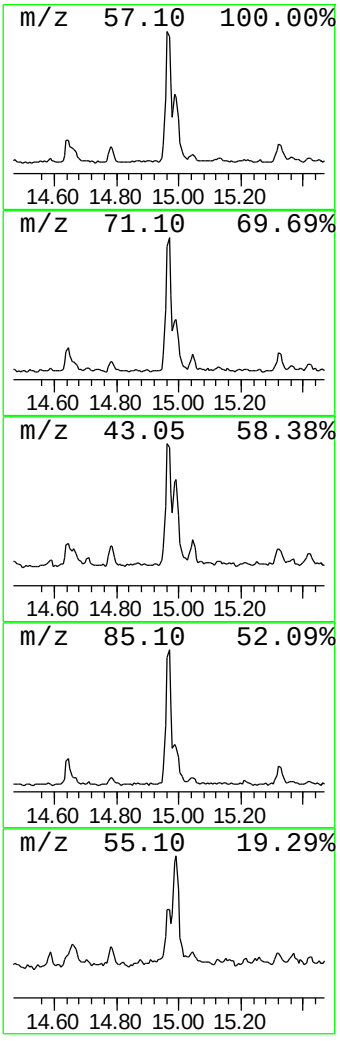
Peak Number 13 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	25.43 ng	668454	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Tricosane	324	C23H48	000638-67-5	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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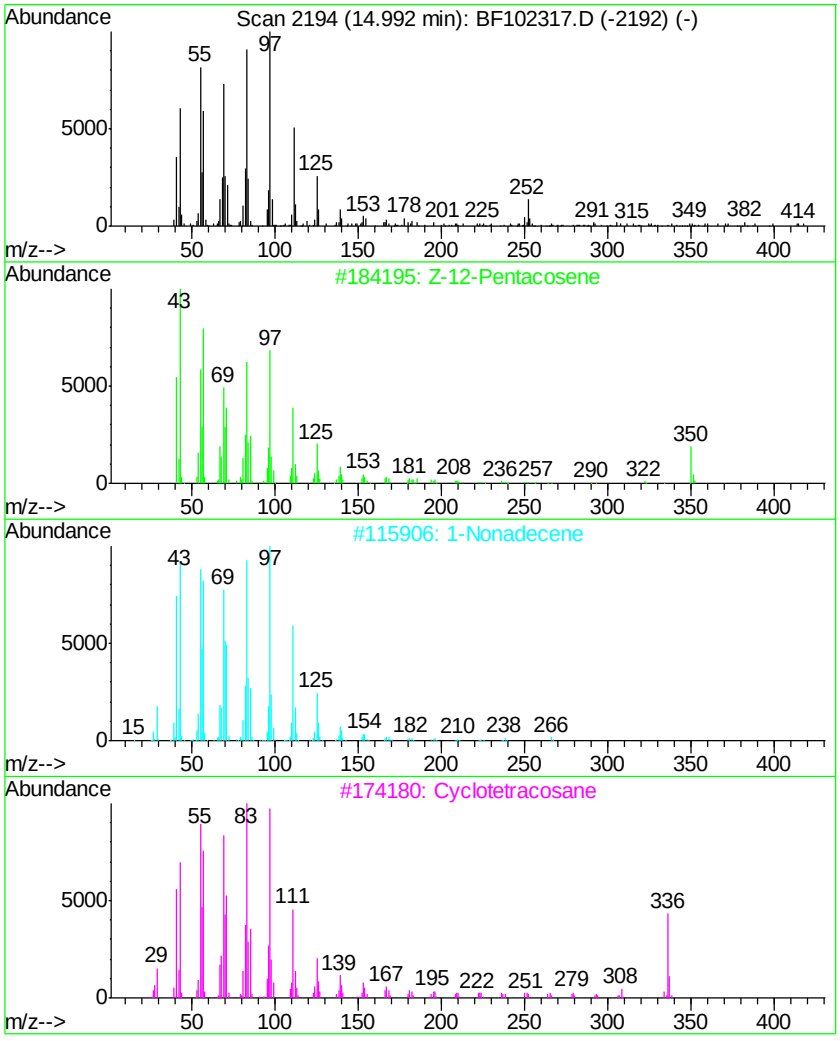
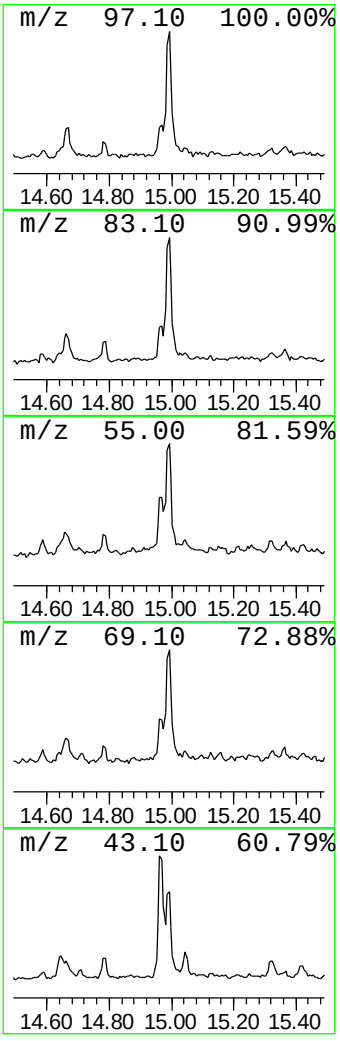
Peak Number 14 Z-12-Pentacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	21.45 ng	563857	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-12-Pentacosene	350	C25H50	1000131-09-4	89
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	Cyclotetracosane	336	C24H48	000297-03-0	83
4	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	64
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	53





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Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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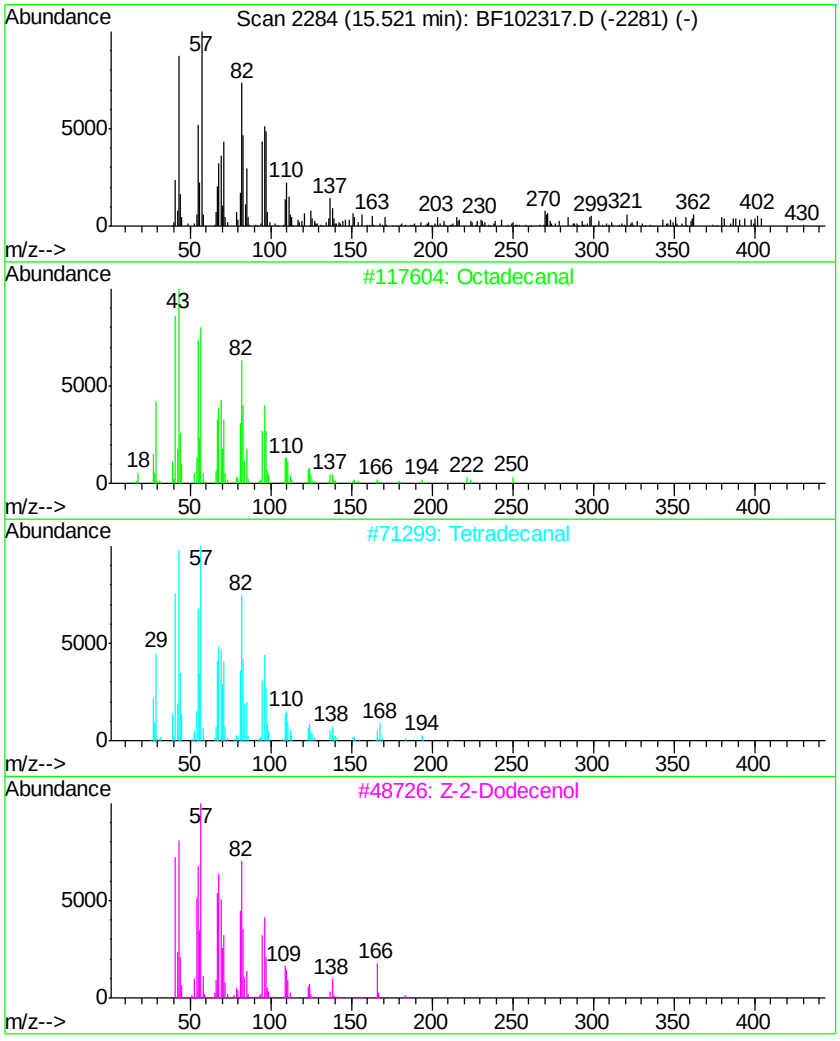
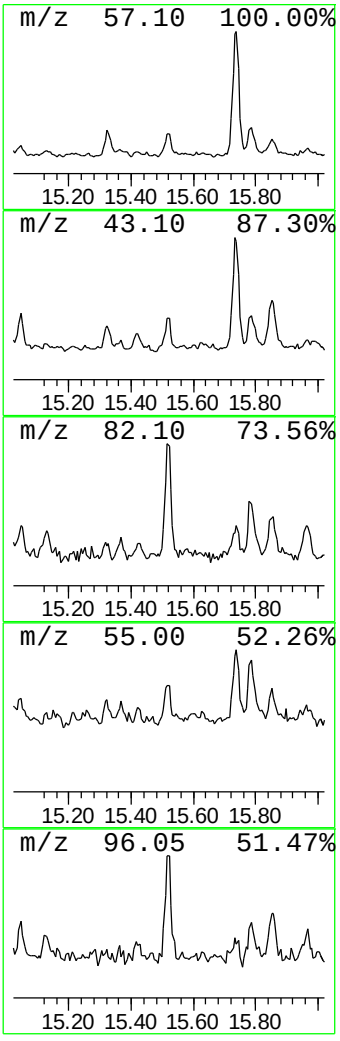
Peak Number 15 Octadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.19 ng	136467	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	86
2	Tetradecanal	212	C14H28O	000124-25-4	58
3	Z-2-Dodecenol	184	C12H24O	069064-36-4	58
4	1,13-Tetradecadiene	194	C14H26	021964-49-8	52
5	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	49





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Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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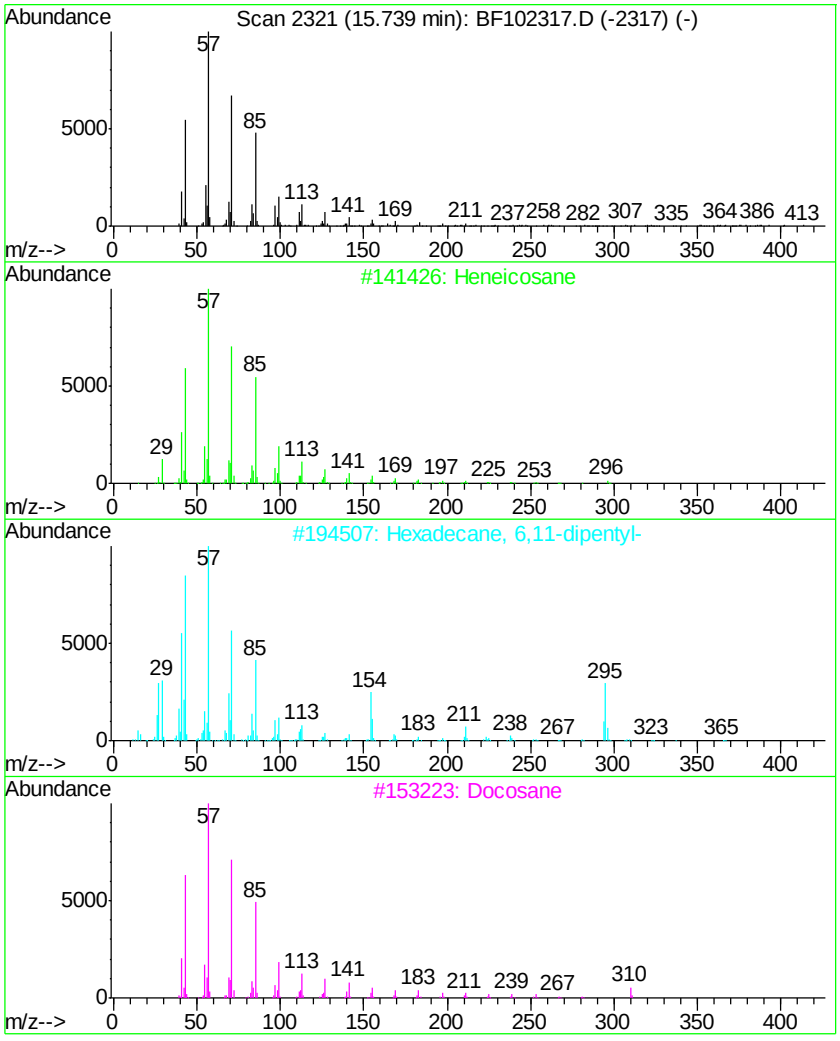
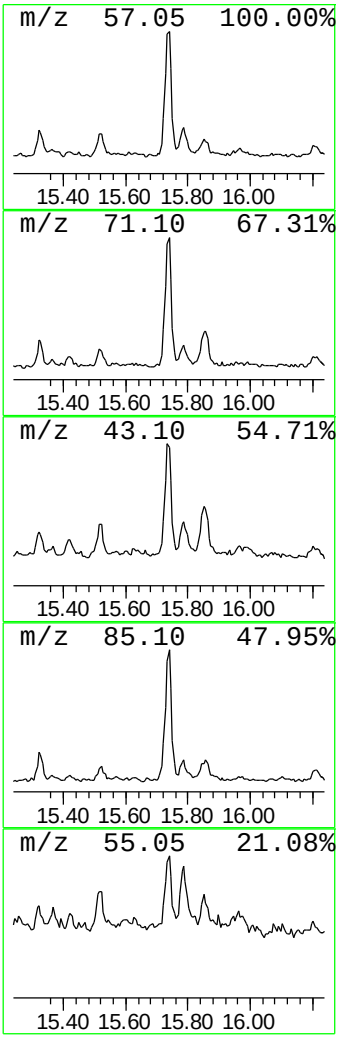
Peak Number 16 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	15.88 ng	417446	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	90
3	Docosane	310	C22H46	000629-97-0	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





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Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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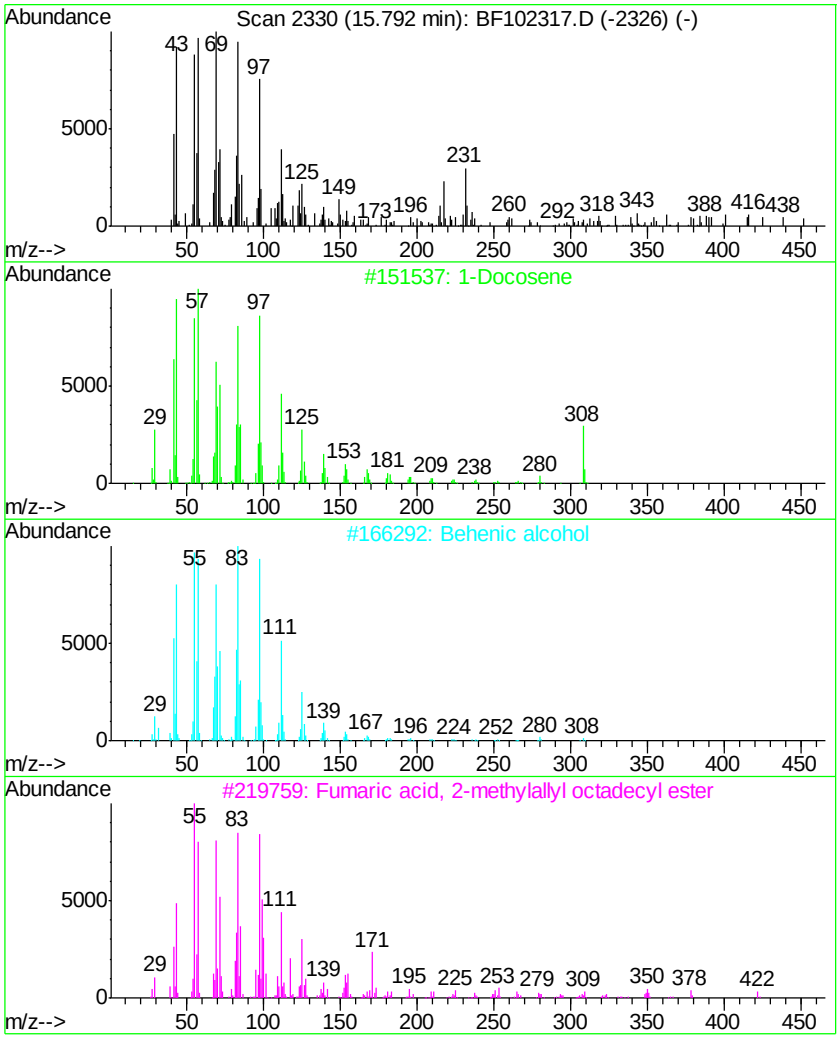
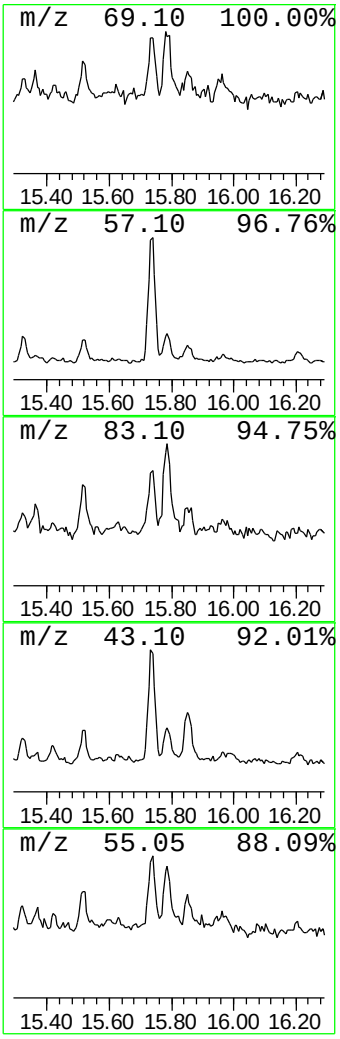
Peak Number 17 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	8.53 ng	224301	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Fumaric acid, 2-methylallyl octa...	422	C26H46O4	1000330-55-7	90
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
Data File : BF102317.D
Acq On : 22 Jan 2018 23:24
Operator : SJ/JU
Sample : J1238-12 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-7.5-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	18.2	ng	614119	1	6.72	675658	20.0
Phenol, 2-methoxy...	9.48	2.7	ng	98579	3	9.75	721533	20.0
Phenanthrene, 2-m...	11.74	2.3	ng	81769	4	11.24	720040	20.0
4H-Cyclopenta[def...	11.85	3.6	ng	130845	4	11.24	720040	20.0
Phenanthrene, 3,6...	12.29	2.5	ng	90860	4	11.24	720040	20.0
11H-Benzo[b]fluorene	13.00	2.2	ng	117356	5	13.87	1059600	20.0
1-Octadecene	13.03	2.9	ng	150908	5	13.87	1059600	20.0
9-Tricosene, (Z)-	13.72	22.3	ng	1179700	5	13.87	1059600	20.0
1-Heneicosanol	14.36	37.7	ng	1999380	5	13.87	1059600	20.0
Oxirane, hexadecyl-	14.78	4.5	ng	117512	6	15.30	525667	20.0
Tetracosane	14.97	25.4	ng	668454	6	15.30	525667	20.0
Z-12-Pentacosene	14.99	21.4	ng	563857	6	15.30	525667	20.0
Octadecanal	15.52	5.2	ng	136467	6	15.30	525667	20.0
Heneicosane	15.74	15.9	ng	417446	6	15.30	525667	20.0
1-Docosene	15.79	8.5	ng	224301	6	15.30	525667	20.0