LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

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-BF040618.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	5.028	496	500	509	rVB	193452	275506	6.65%	0.539%
2	5.434	563	569	572	rBV	3622877	3700103	89.26%	7.237%
3	6.075	675	678	682	rBV	42804	61211	1.48%	0.120%
4	6.451	736	742	747	rBV	3246033	3897529	94.02%	7.623%
5	6.581	759	764	768	rBV	3571704	3779278	91.17%	7.392%
6	6.810	799	803	806	rBV	1242609	1003768	24.21%	1.963%
7	6.969	825	830	833	rBV	3304742	3035584	73.23%	5.937%
8	7.375	894	899	902	rBV	2490389	2471687	59.63%	4.834%
9	8.092	1018	1021	1023	rVV	1627789	1338536	32.29%	2.618%
10	8.110	1023	1024	1027	rVB	116347	85720	2.07%	0.168%
11	8.681	1118	1121	1124	rBV	68544	60257	1.45%	0.118%
12	8.910	1155	1160	1163	rBV2	40977	54780	1.32%	0.107%
13	9.169	1199	1204	1207	rBV	4221665	4145361	100.00%	8.107%
14	9.245	1213	1217	1219	rBV	133934	108510	2.62%	0.212%
15	9.433	1245	1249	1252	rBV2	39907	41791	1.01%	0.082%
16	9.504	1254	1261	1263	rBV3	56481	73818	1.78%	0.144%
17	9.563	1267	1271	1274	rBV	796991	647369	15.62%	1.266%
18	9.775	1300	1307	1310	rBV	274287	222406	5.37%	0.435%
19	9.851	1316	1320	1323	rBV	1587728	1403768	33.86%	2.745%
20	9.880	1323	1325	1329	rVB	236821	184919	4.46%	0.362%
21	10.004	1342	1346	1349	rBV4	44941	59178	1.43%	0.116%
22	10.051	1349	1354	1358	rVV	141430	168263	4.06%	0.329%
23	10.098	1358	1362	1365	rVB3	56463	65761	1.59%	0.129%
24	10.251	1385	1388	1390	rBV2	37032	43604	1.05%	0.085%
25	10.275	1390	1392	1395	rVB	288781	219827	5.30%	0.430%
26	10.398	1409	1413	1418	rVB	224784	205331	4.95%	0.402%
27	10.492	1425	1429	1434	rBV2	66690	102531	2.47%	0.201%
28	10.645	1450	1455	1458	rVB	2194193	2220872	53.57%	4.344%
29	10.751	1470	1473	1482	rVB	237124	271859	6.56%	0.532%
30	10.945	1502	1506	1509	rBV3	44522	48763	1.18%	0.095%
31	11.198	1544	1549	1551	rBV	157009	138895	3.35%	0.272%
32	11.233	1551	1555	1560	rVB2	115105	129335	3.12%	0.253%
33	11.339	1569	1573	1575	rBV	1405664	1236256	29.82%	2.418%
34	11.363	1575	1577	1580	rVV	1186996	867890	20.94%	1.697%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.410	1583	1585	1589	rVB	300525	252923	6.10%	0.495%
36	11.569	1605	1612	1616	rBV	150668	180360	4.35%	0.353%
37	11.627	1619	1622	1624	rVV2	90977	81726	1.97%	0.160%
38	11.651	1624	1626	1635	rVB4	72245	83852	2.02%	0.164%
39	11.727	1636	1639	1643	rBV	1495062	1158013	27.94%	2.265%
40	11.839	1654	1658	1660	rBV	89644	83098	2.00%	0.163%
41	11.869	1660	1663	1669	rVB	474305	407053	9.82%	0.796%
42	11.951	1674	1677	1680	rBV2	153761	158545	3.82%	0.310%
43	12.033	1688	1691	1696	rBV3	58829	78892	1.90%	0.154%
44	12.133	1706	1708	1711	rBV	77456	64308	1.55%	0.126%
45	12.192	1715	1718	1726	rVB2	112486	103005	2.48%	0.201%
46	12.386	1748	1751	1753	rBV2	49885	53975	1.30%	0.106%
47	12.422	1753	1757	1758	rVV	2627816	2561835	61.80%	5.010%
48	12.439	1758	1760	1768	rVV2	3376176	3387096	81.71%	6.624%
49	12.521	1771	1774	1777	rVV	553188	492500	11.88%	0.963%
50	12.551	1777	1779	1783	rVB	879596	781695	18.86%	1.529%
51	12.780	1812	1818	1824	rBV2	671583	815309	19.67%	1.595%
52	12.927	1839	1843	1847	rVB	2766565	2822314	68.08%	5.520%
53	13.004	1851	1856	1860	rBV3	46325	94704	2.28%	0.185%
54	13.063	1863	1866	1869	rBV	431124	349500	8.43%	0.684%
55	13.110	1872	1874	1879	rVB	121378	120353	2.90%	0.235%
56	13.174	1883	1885	1888	rVV	147523	139039	3.35%	0.272%
57	13.216	1889	1892	1894	rVV2	58200	57803	1.39%	0.113%
58	13.245	1895	1897	1900	rVB2	58282	56917	1.37%	0.111%
59	13.733	1977	1980	1982	rBV	56050	50847	1.23%	0.099%
60	13.763	1982	1985	1987	rBV	48290	45185	1.09%	0.088%
61	13.821	1992	1995	1999	rVV3	465079	428053	10.33%	0.837%
62	13.986	2016	2023	2026	rBV2	1195141	1513498	36.51%	2.960%
63	14.010	2026	2027	2033	rVB	367459	284540	6.86%	0.557%
64	14.092	2038	2041	2044	rVB	76118	70974	1.71%	0.139%
65	14.468	2103	2105	2109	rVB3	108922	116585	2.81%	0.228%
66	15.033	2198	2201	2205	rBV	295572	462323	11.15%	0.904%
67	15.339	2250	2253	2259	rVB	160098	210579	5.08%	0.412%
68	15.398	2260	2263	2269	rVB	235516	307004	7.41%	0.600%
69	15.462	2270	2274	2278	rBV	654122	885314	21.36%	1.731%

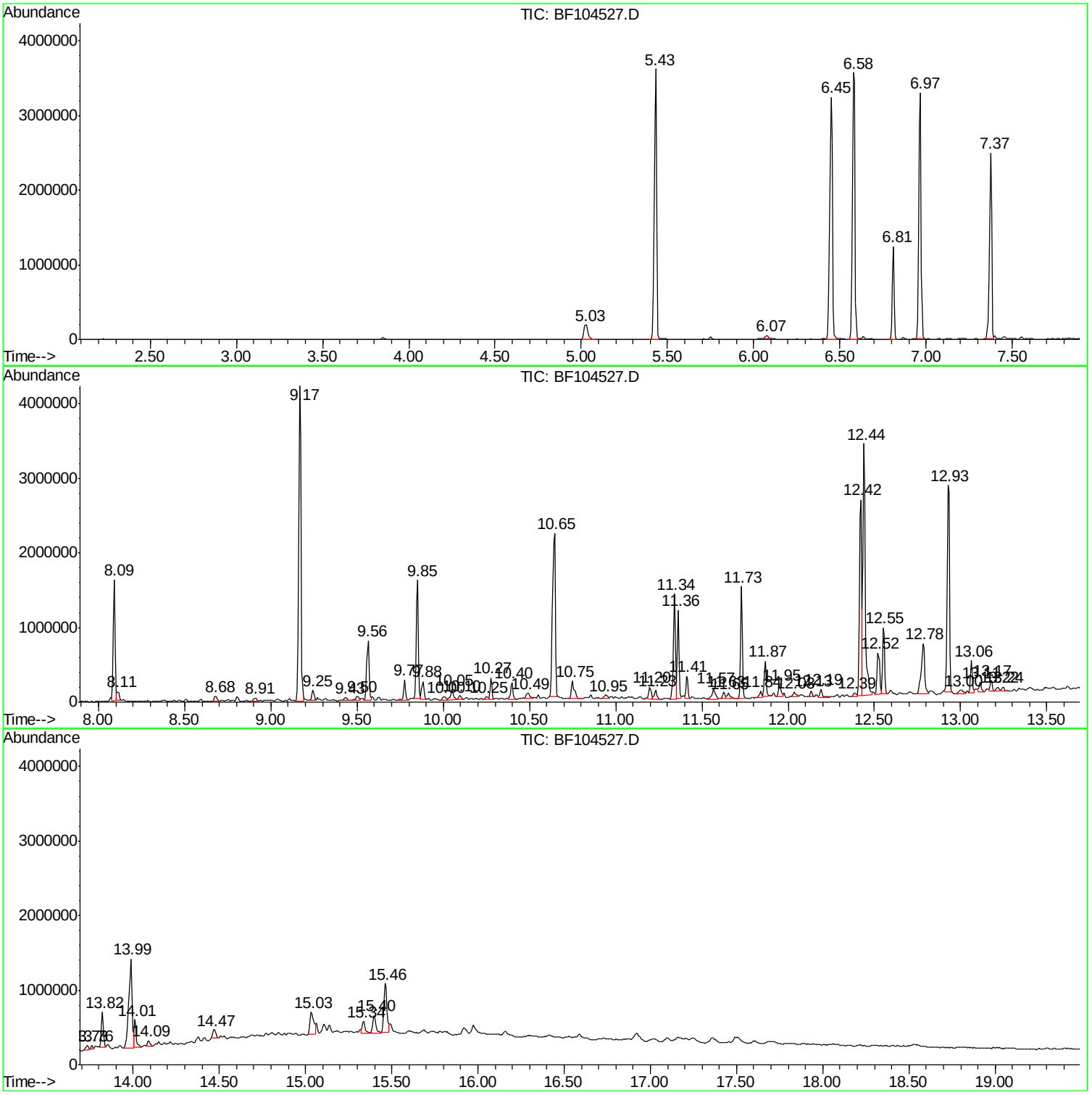
Sum of corrected areas: 51129983

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
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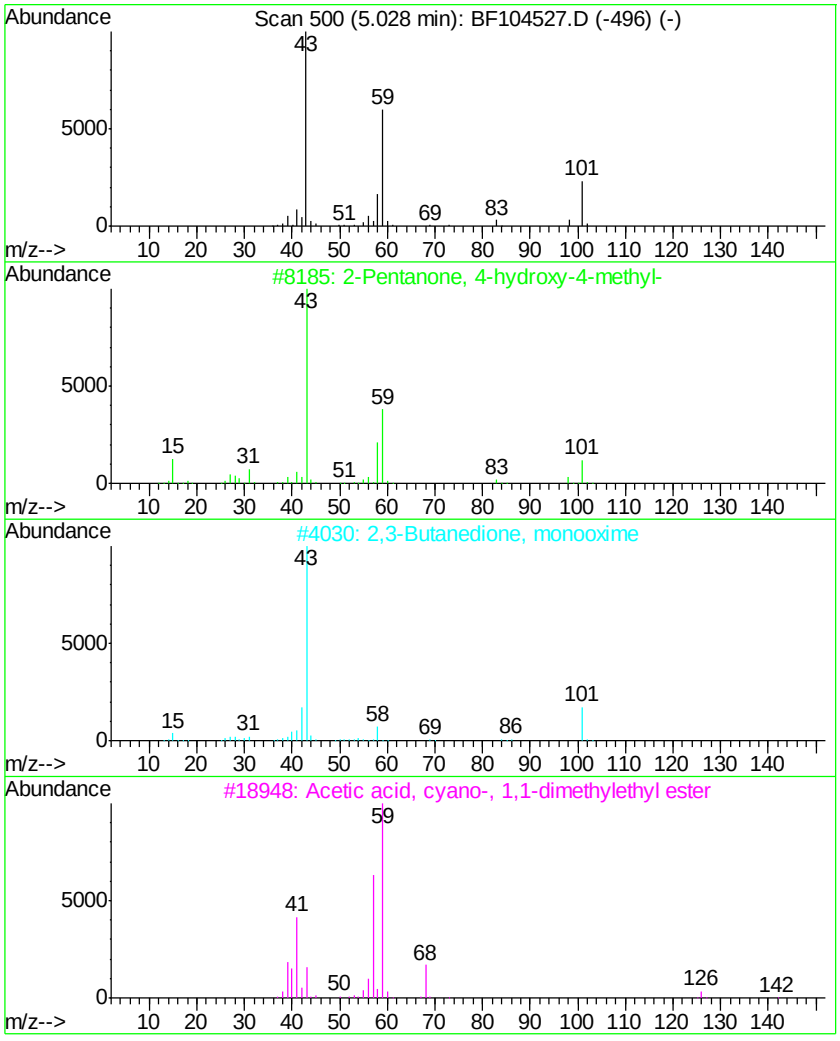
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

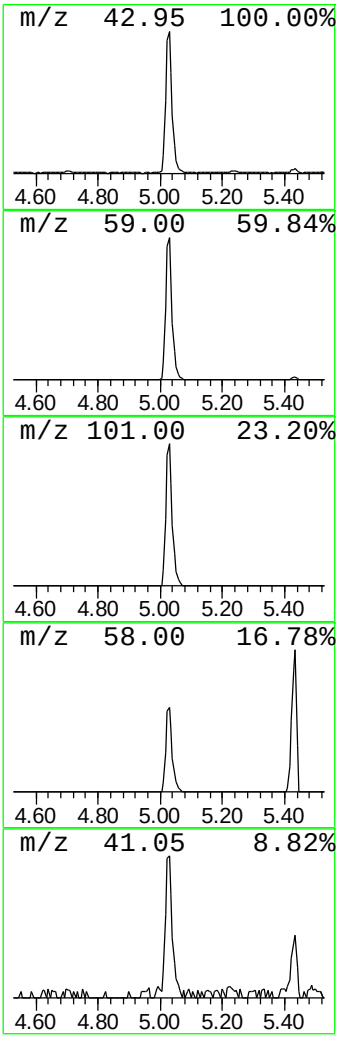
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	5.49 ng	275506	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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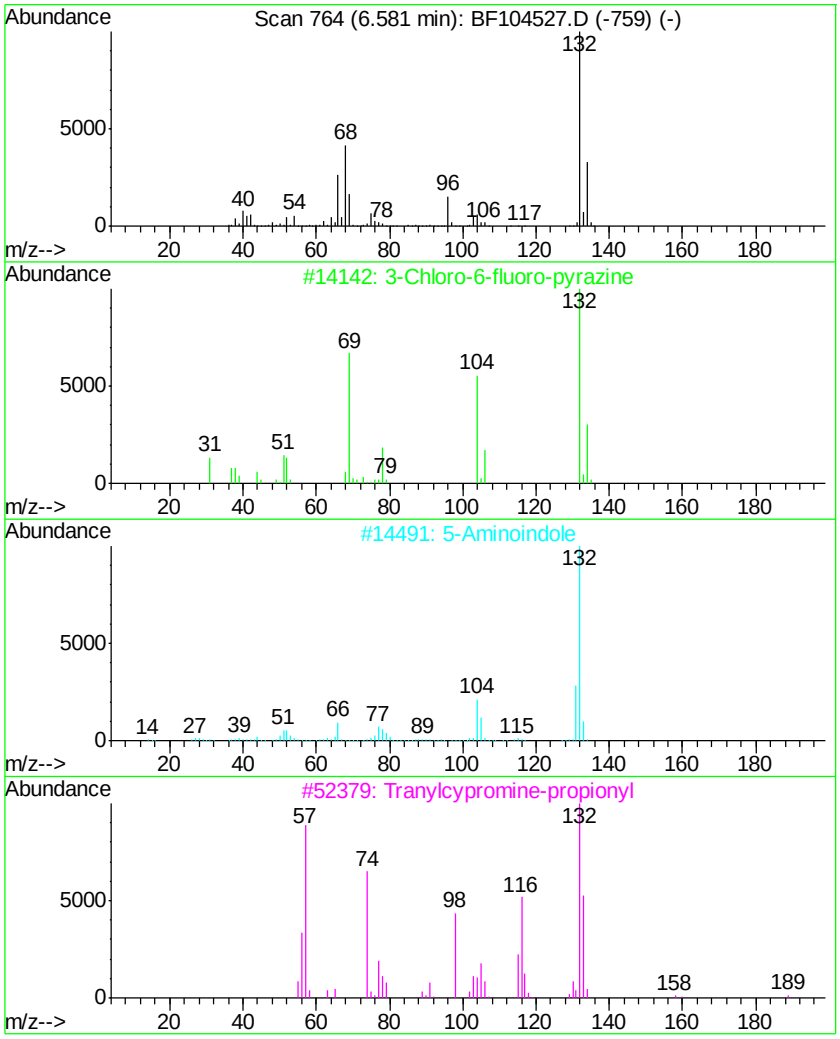
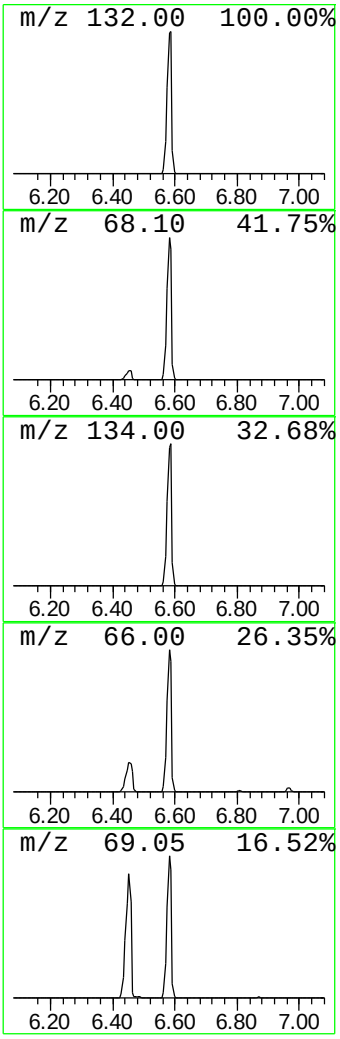
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	75.30 ng	3779280	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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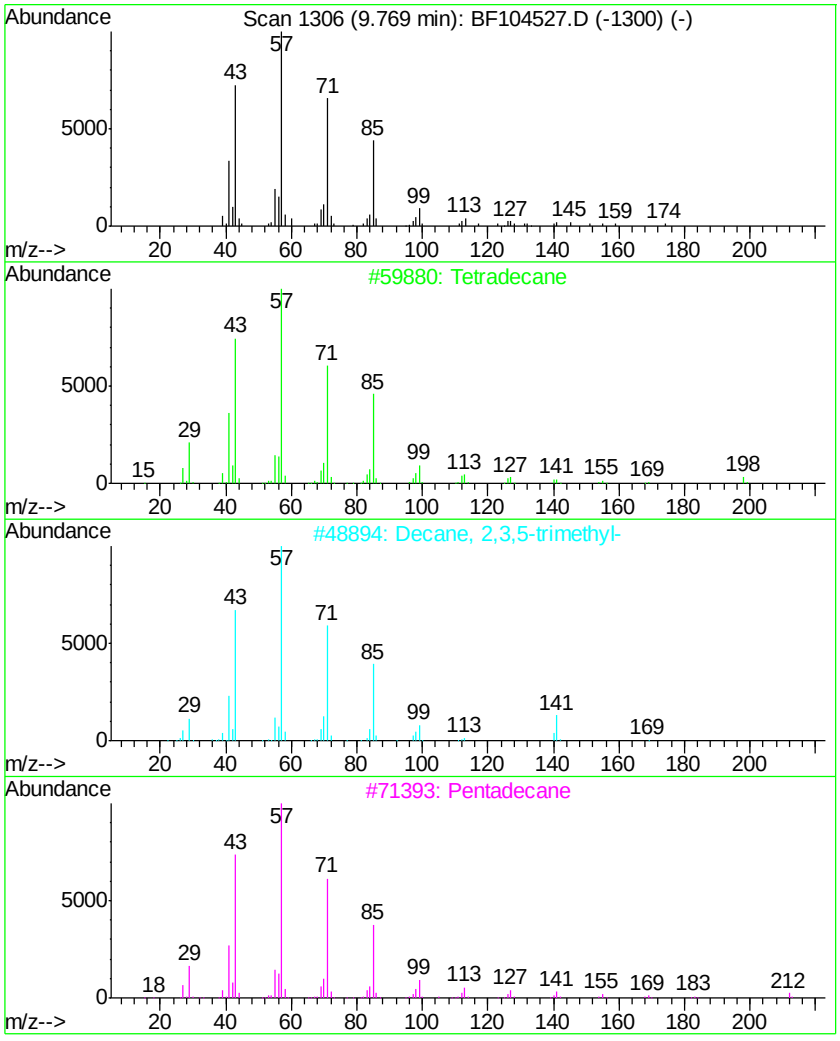
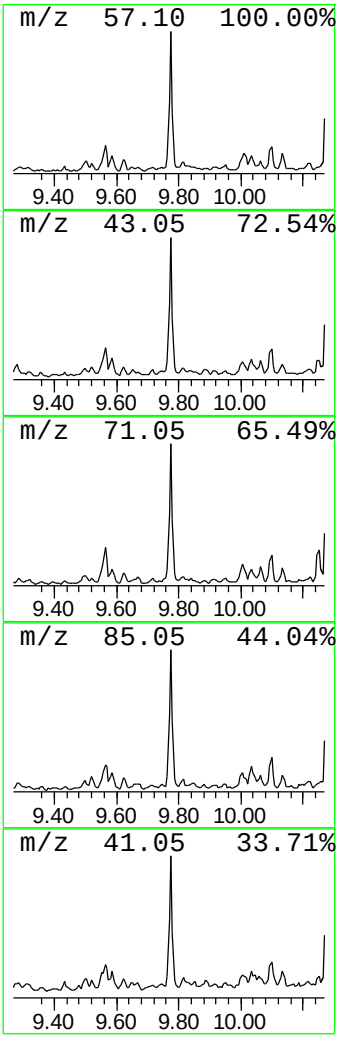
Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.17 ng	222406	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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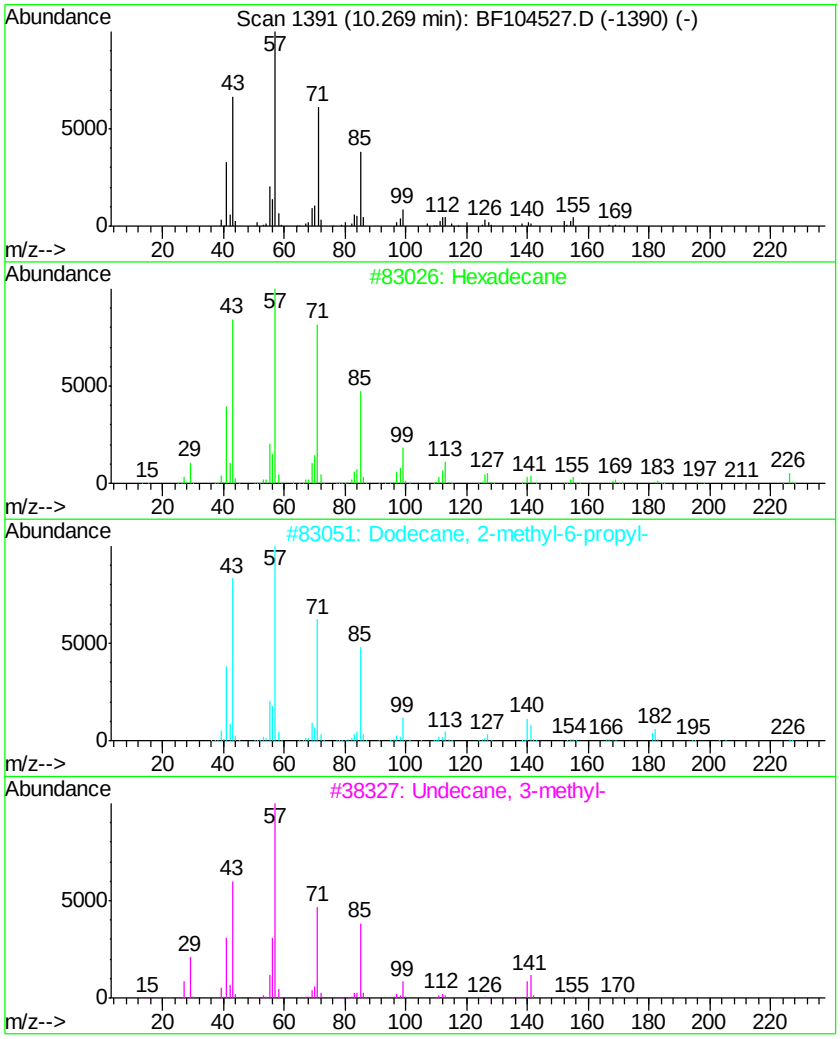
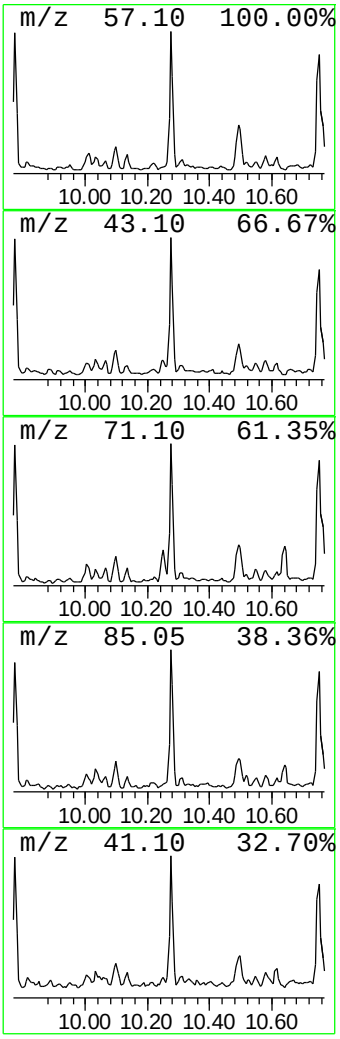
Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.13 ng	219827	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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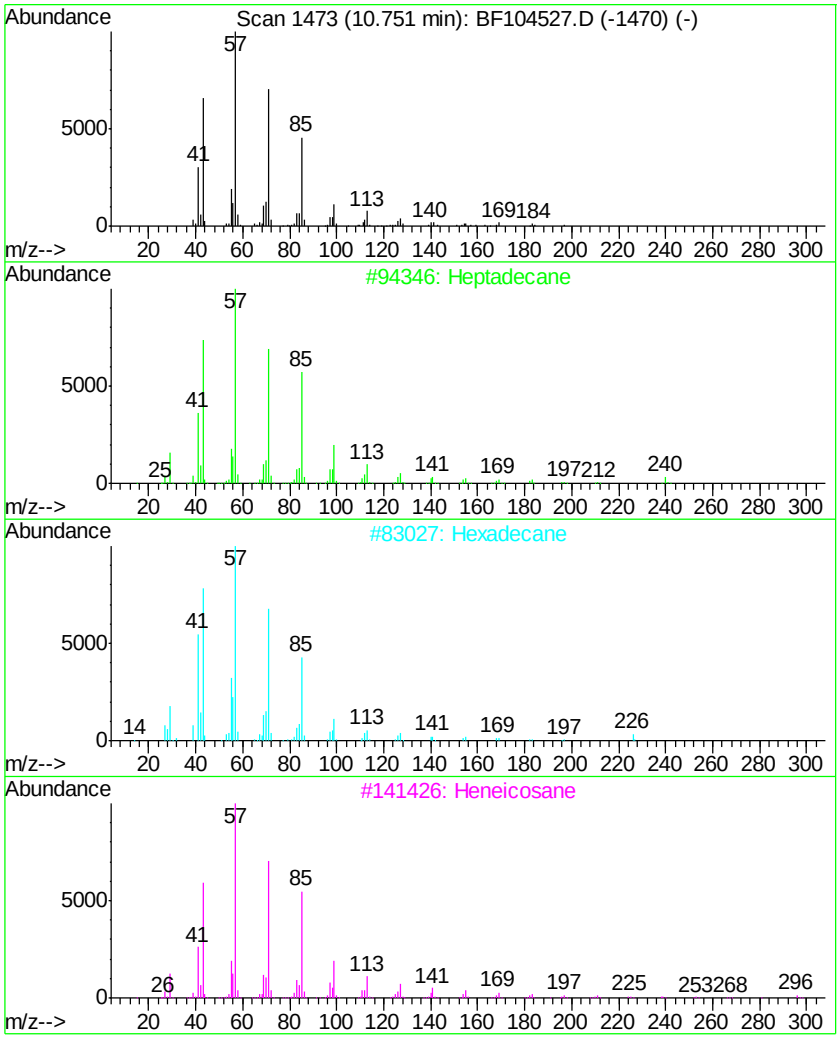
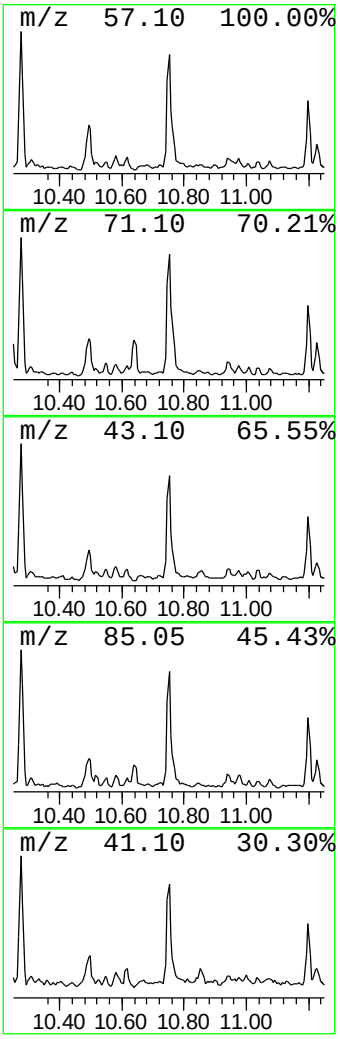
Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	4.40 ng	271859	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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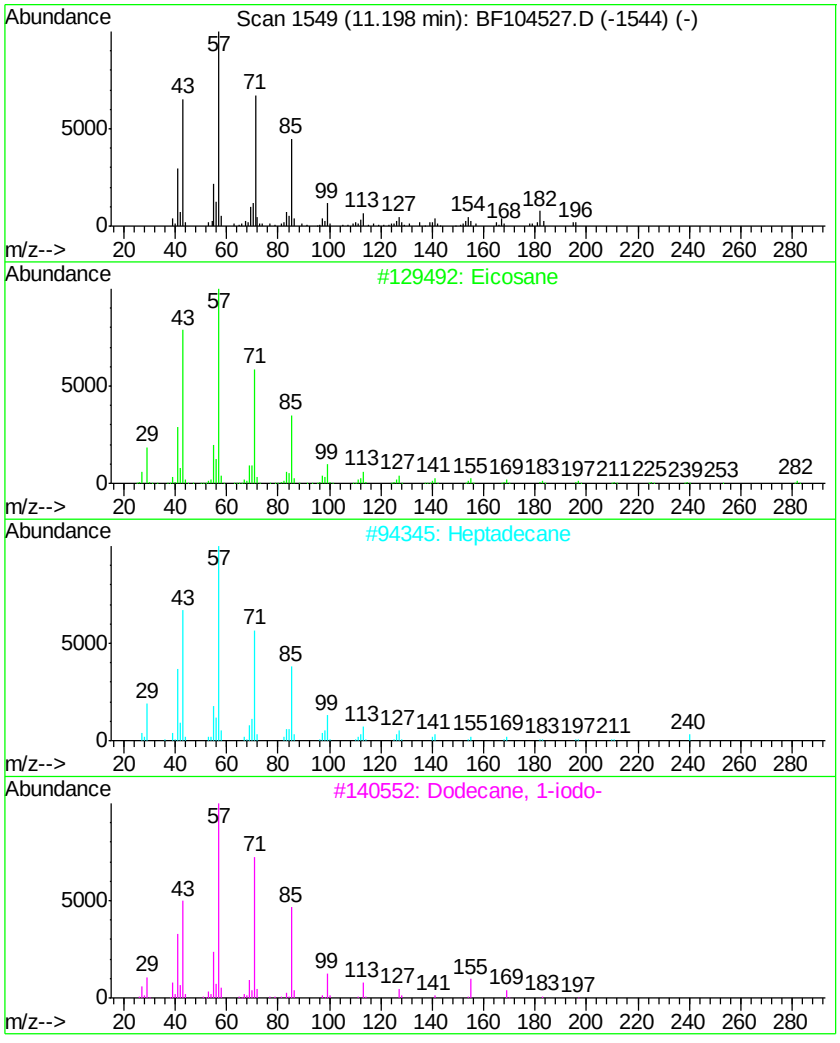
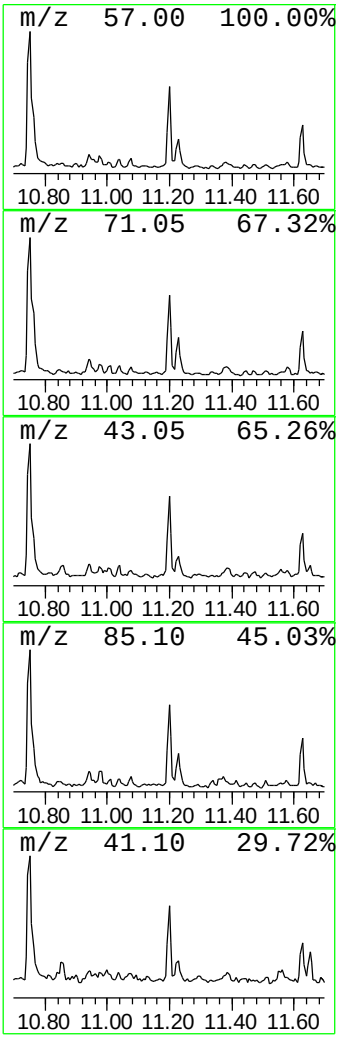
Peak Number 8 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.25 ng	138895	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4	Heptacosane	380	C27H56	000593-49-7	80
5	Docosane	310	C22H46	000629-97-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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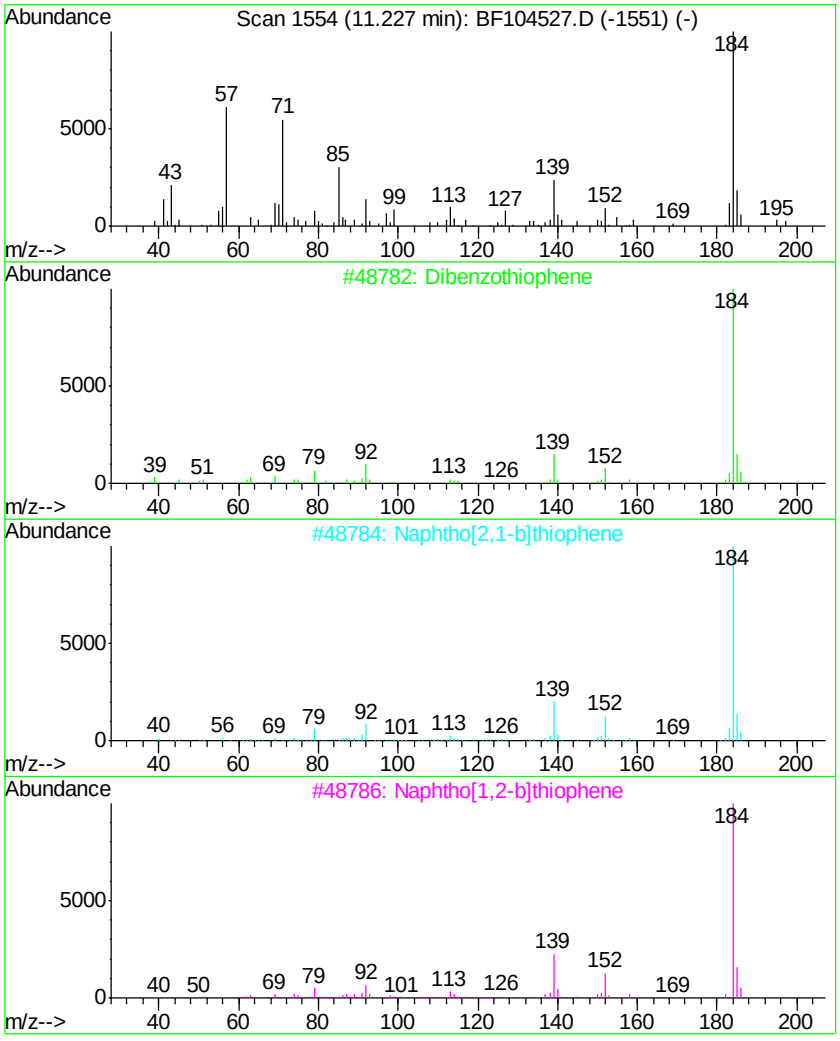
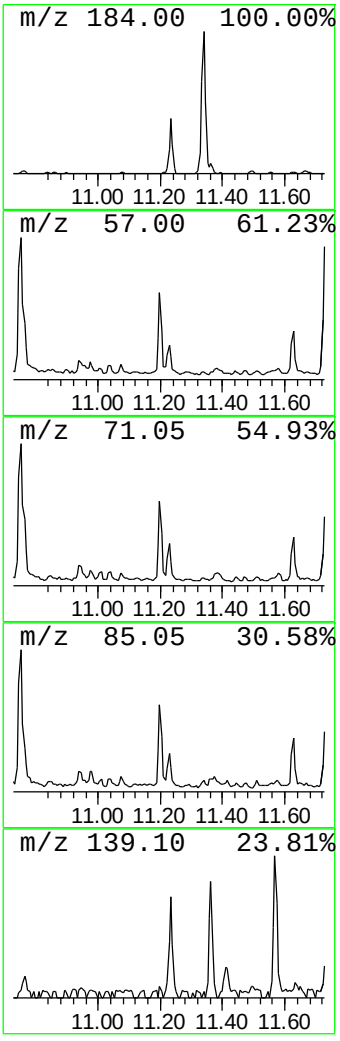
Peak Number 9 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.09 ng	129335	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

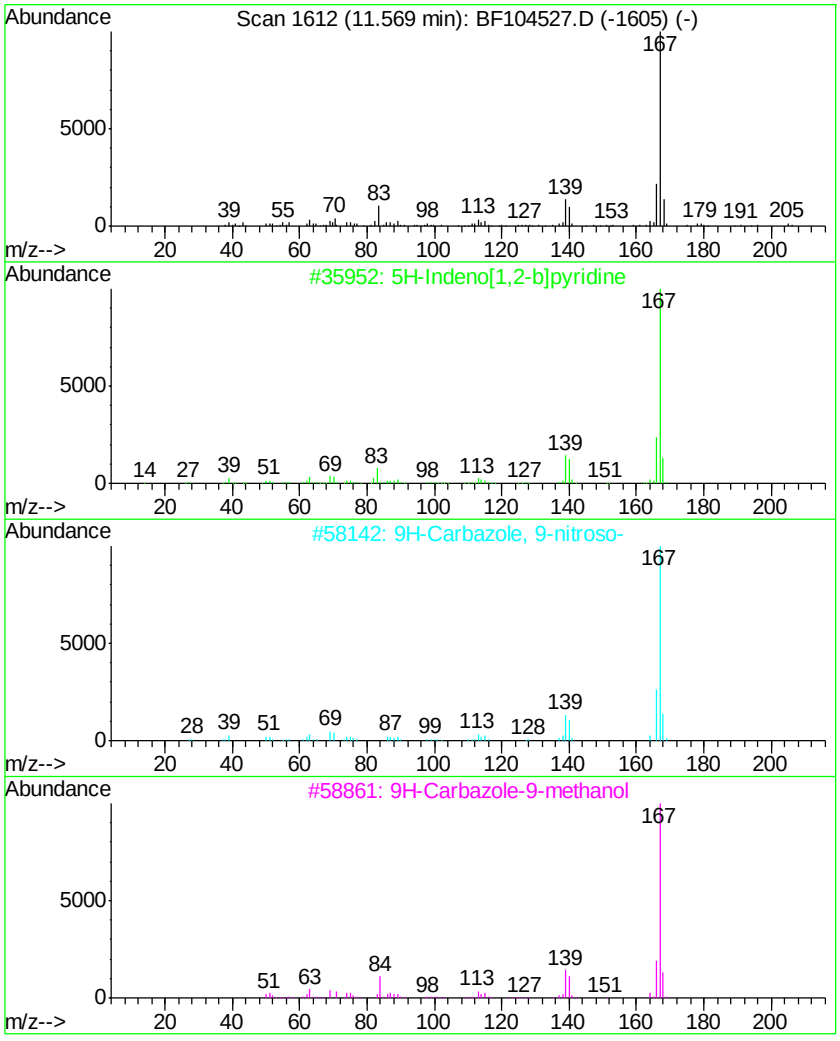
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

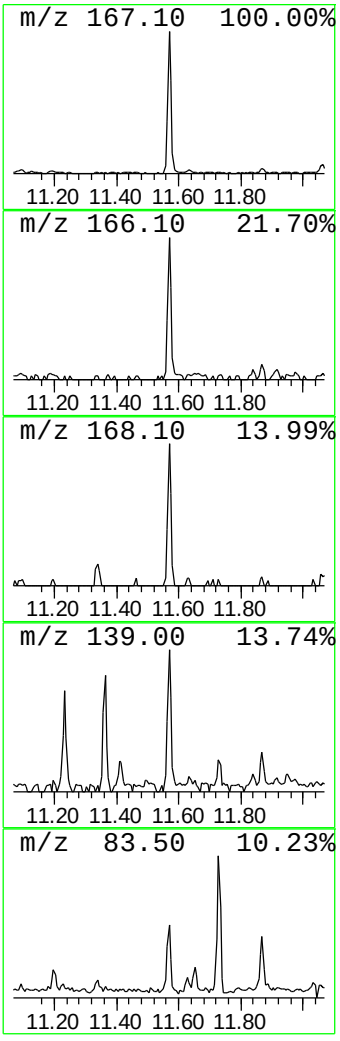
****

Peak Number 10 5H-Indeno[1,2-b]pyridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.92 ng	180360	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
4	Carbazole	167	C12H9N	000086-74-8	81
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





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Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

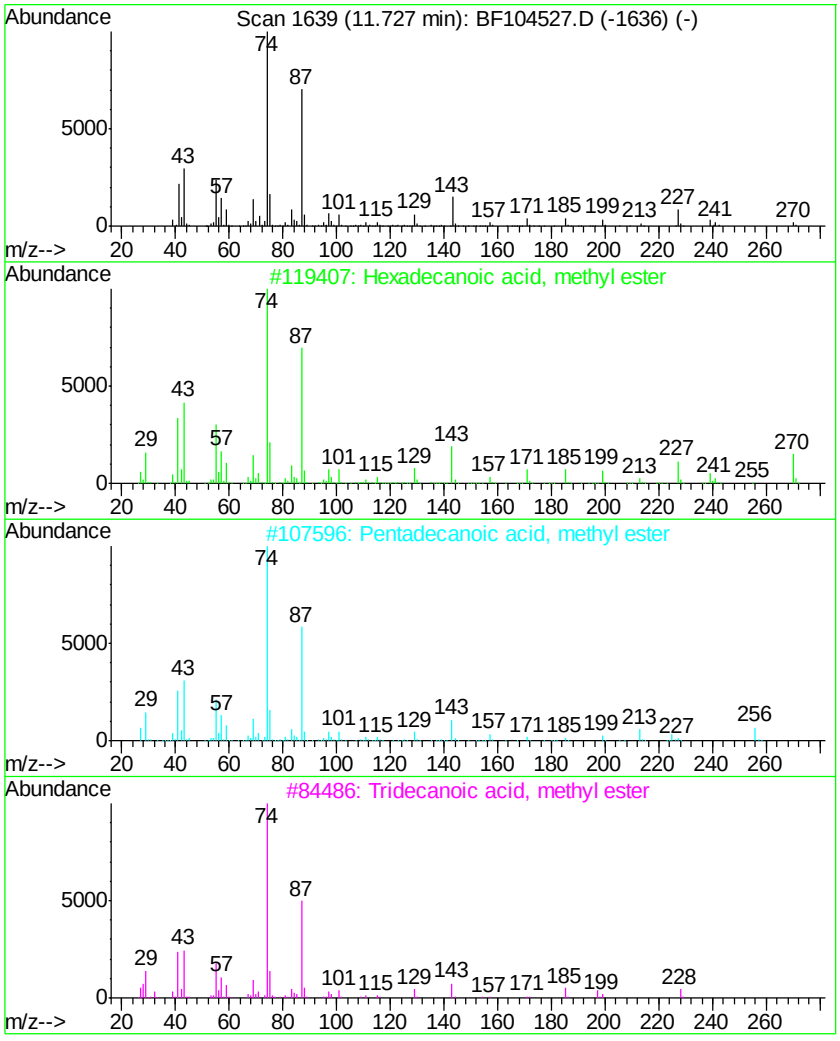
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

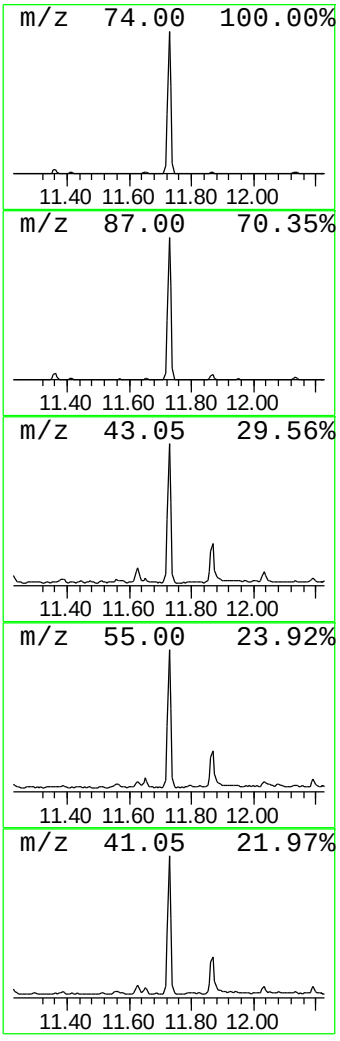
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	18.73 ng	1158010	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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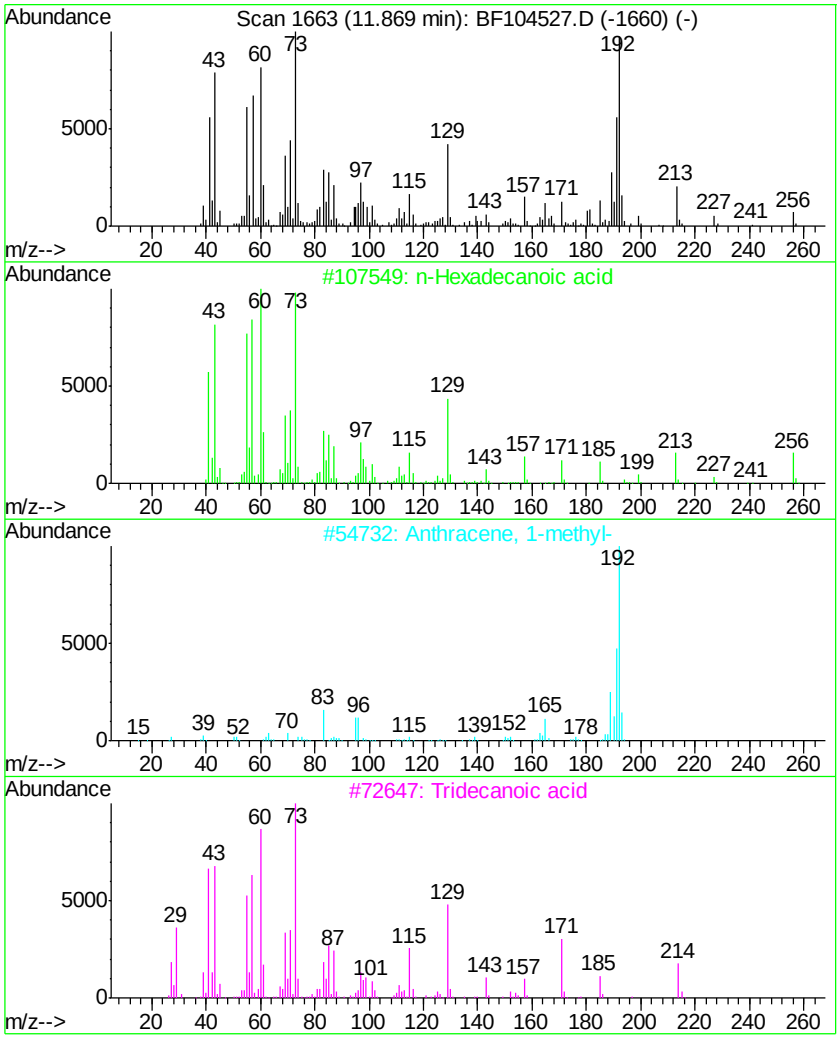
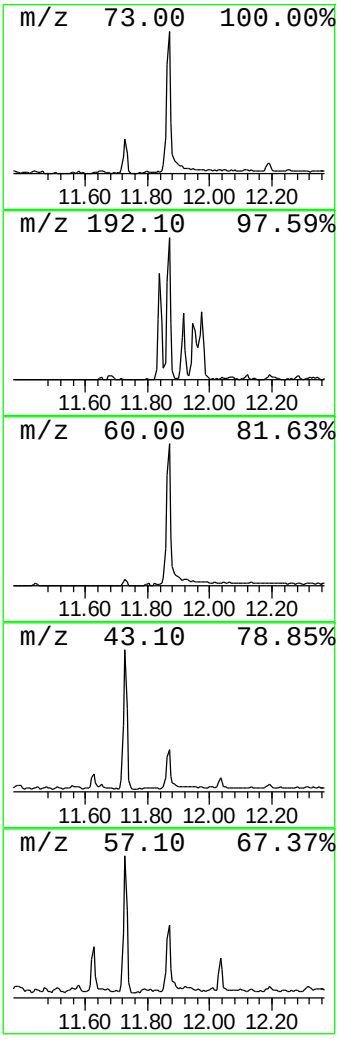
Peak Number 12 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.59 ng	407053	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68





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Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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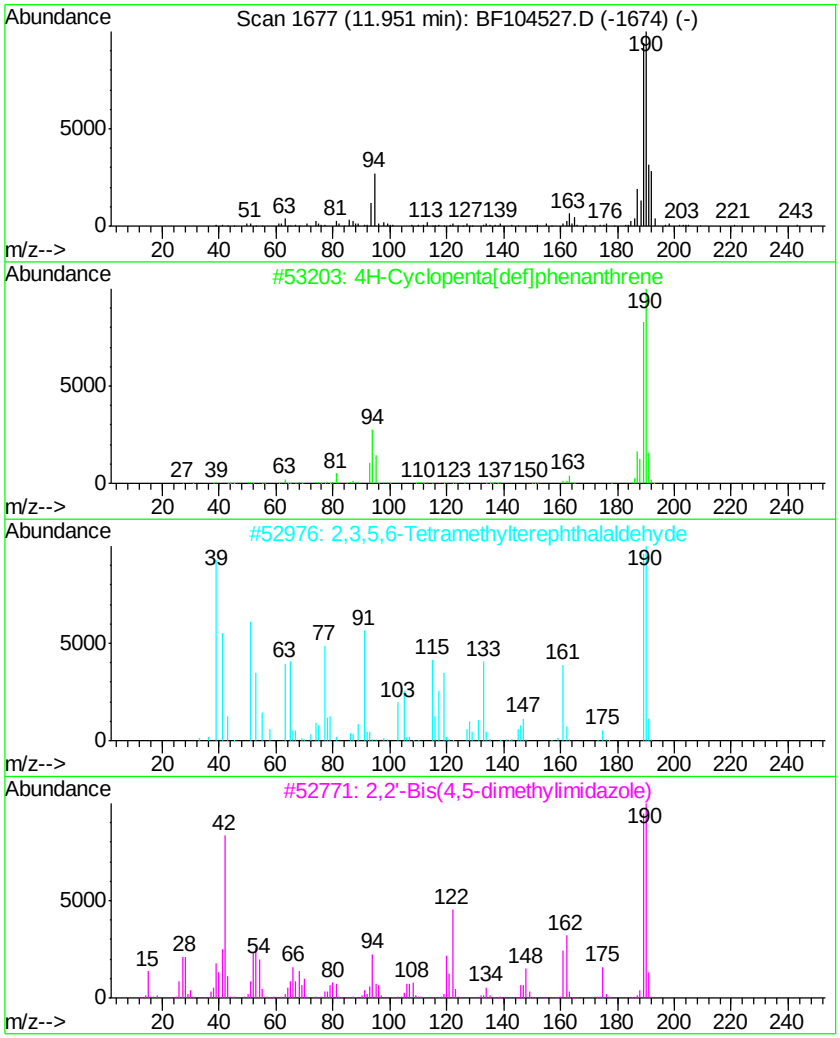
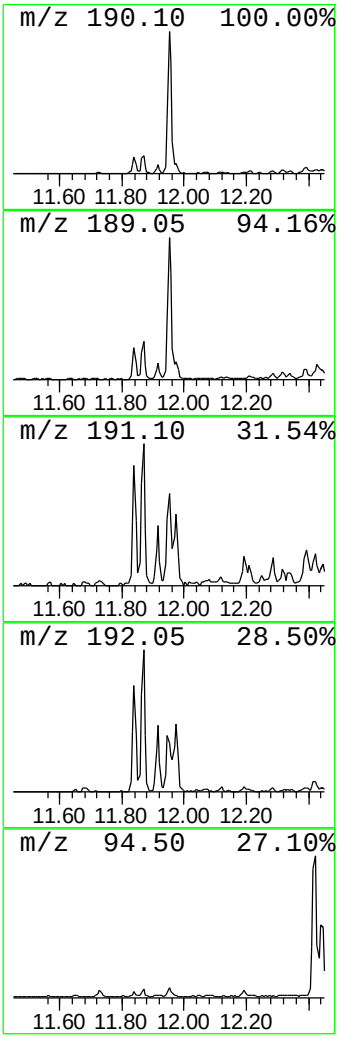
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.56 ng	158545	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





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Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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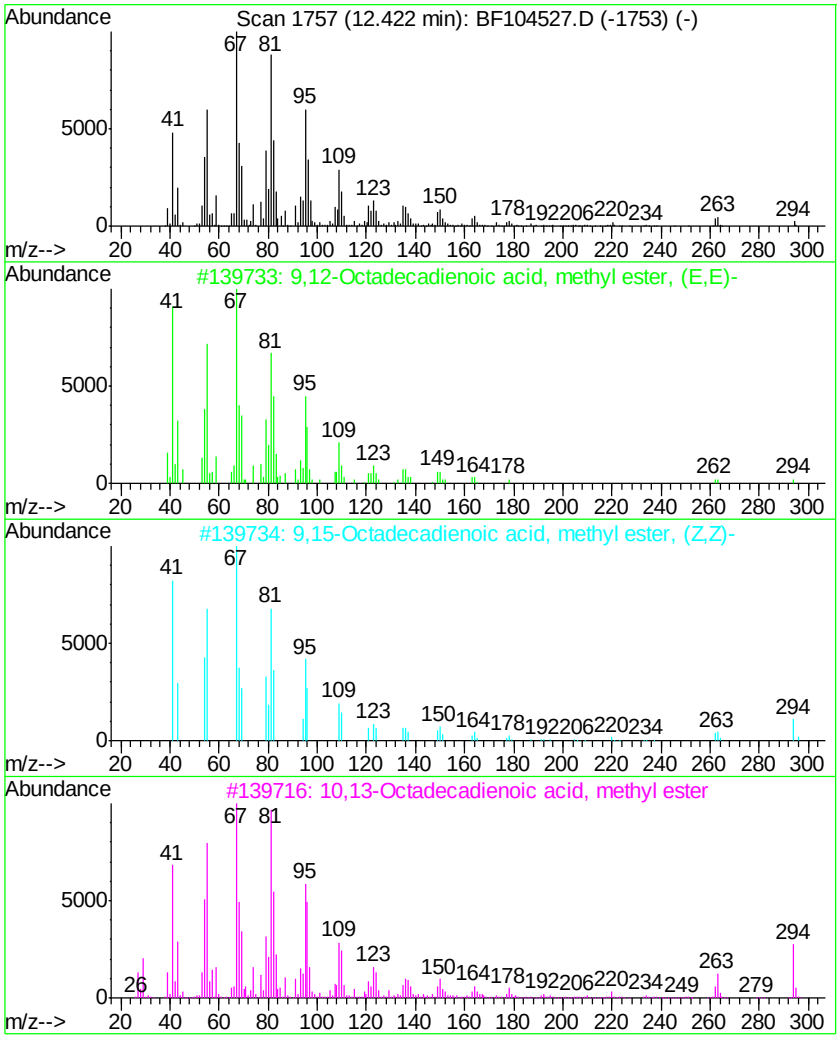
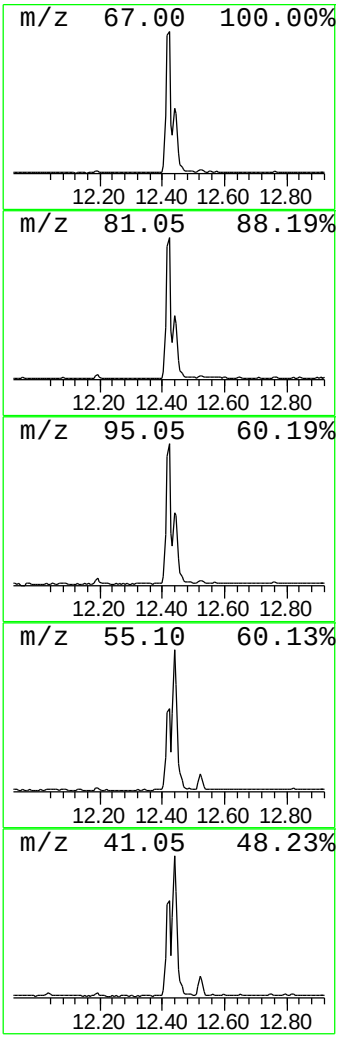
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	41.45 ng	2561840	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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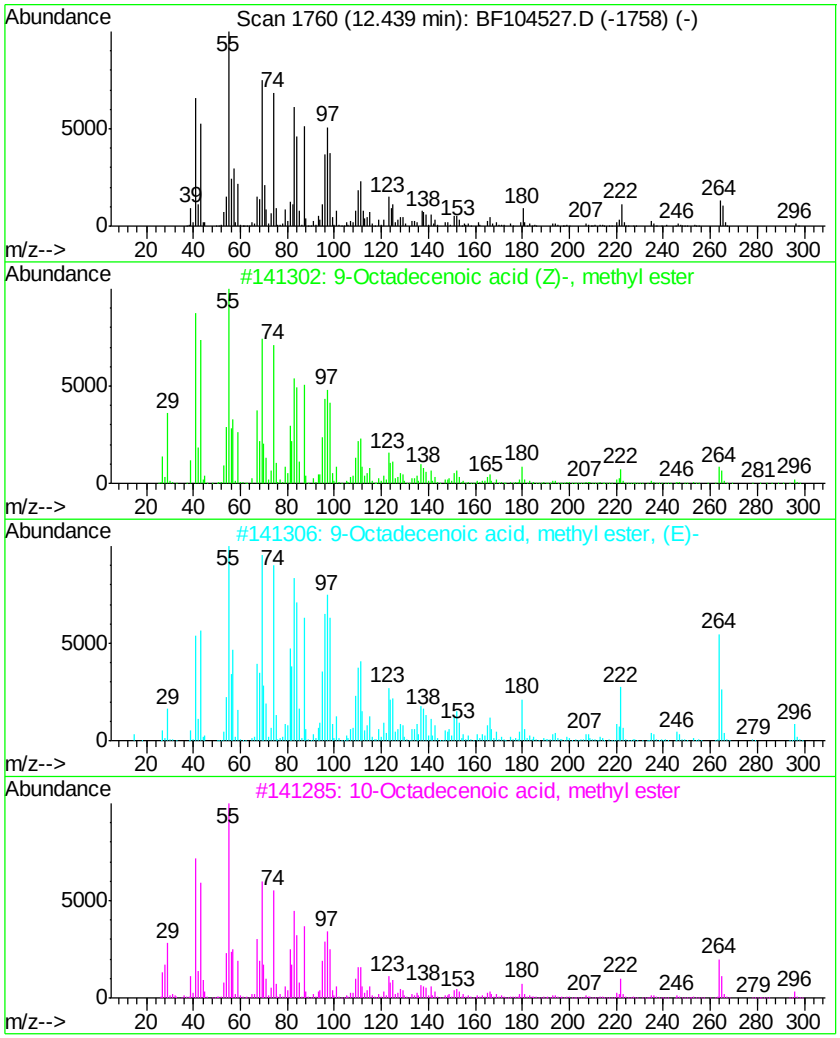
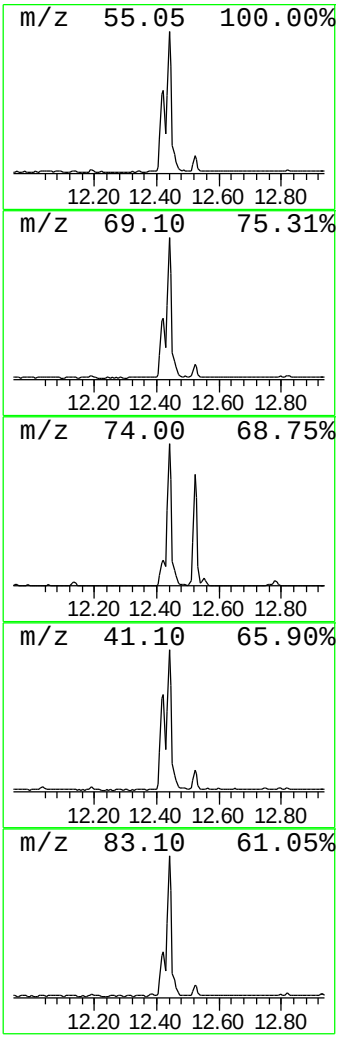
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	54.80 ng	3387100	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	86
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	86
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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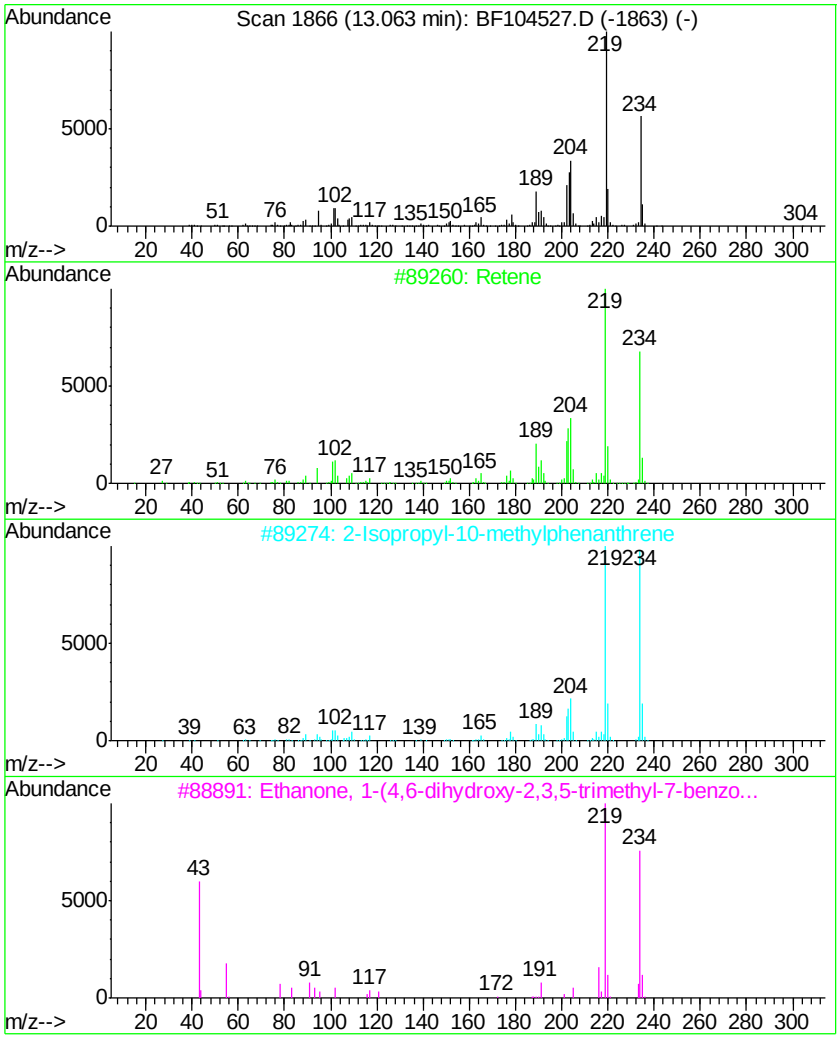
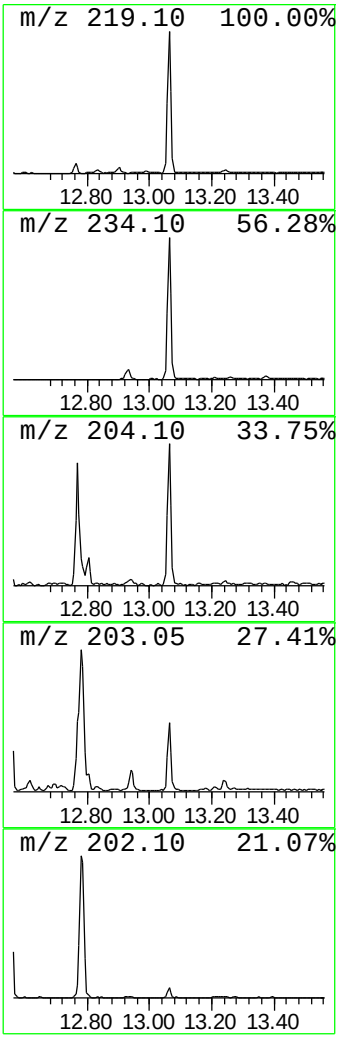
Peak Number 16 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.62 ng	349500	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
4	Benzene, 1-[(4-ethylphenyl)ethyn...	248	C19H20	102225-55-8	50
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	50





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Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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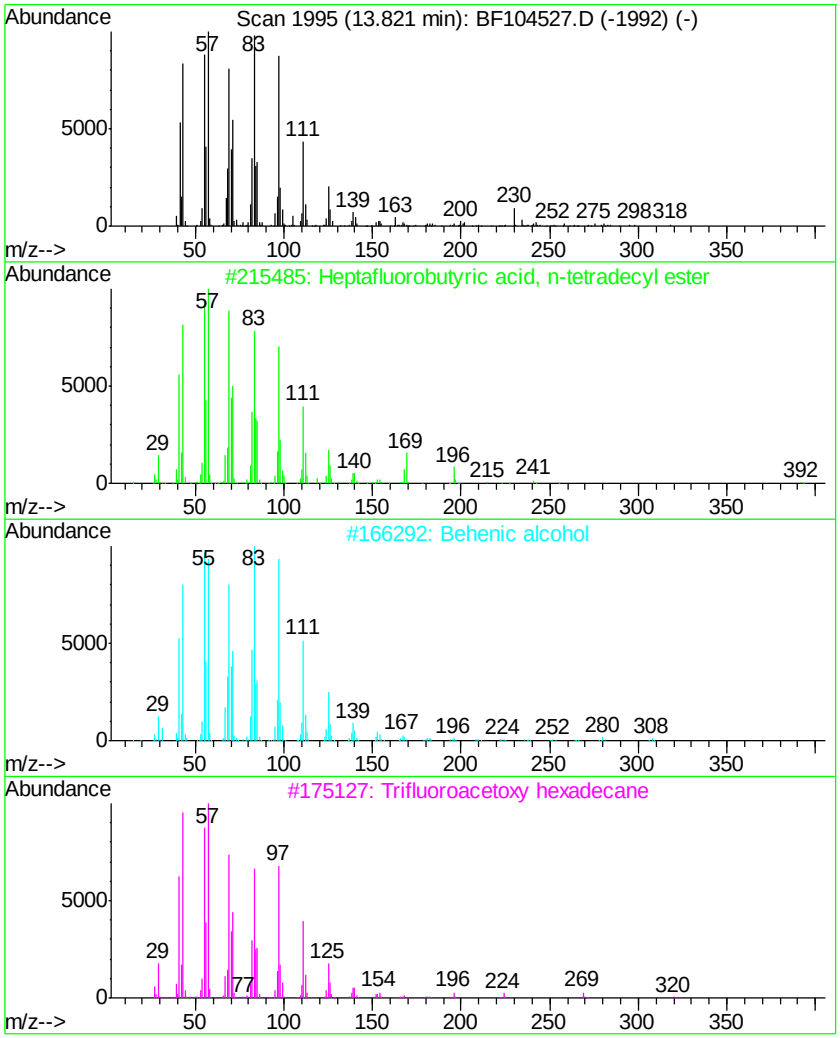
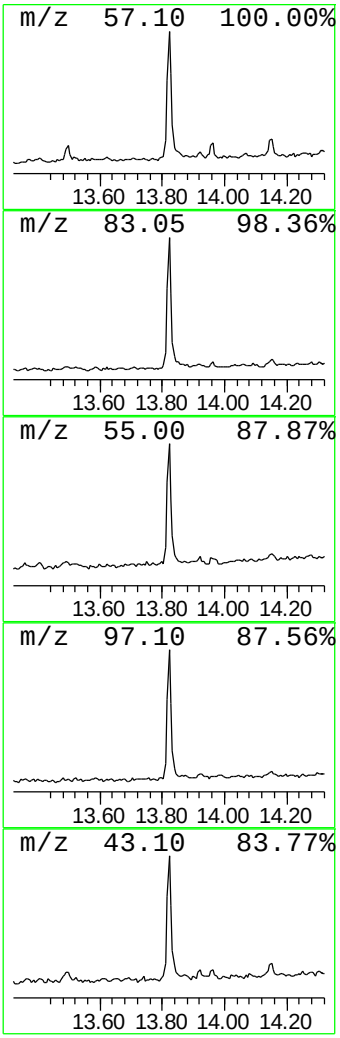
Peak Number 17 Heptafluorobutyric acid, n-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.66 ng	428053	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





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Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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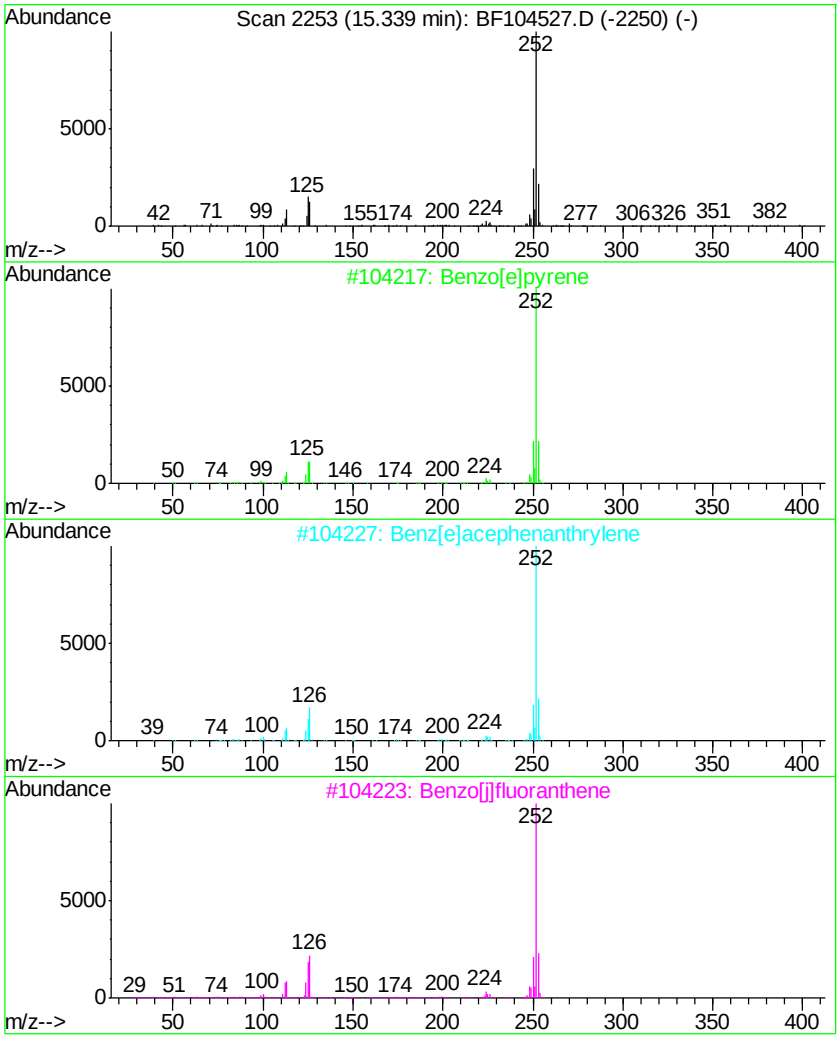
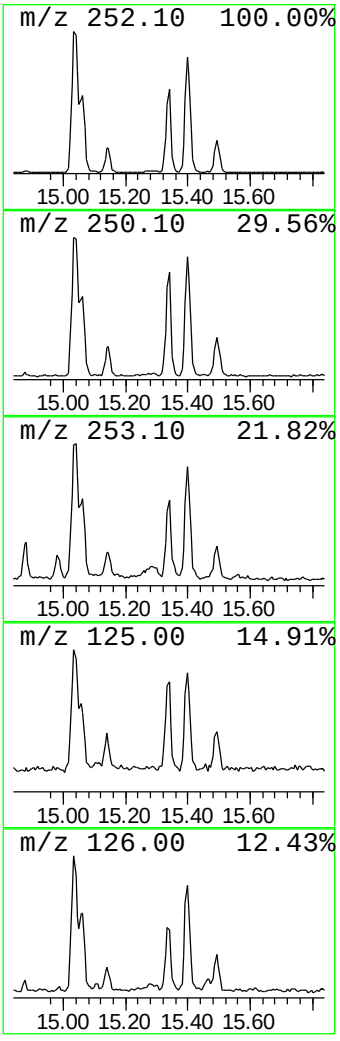
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.76 ng	210579	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BF104527.D
Acq On : 16 Apr 2018 12:06
Operator : JU/SJ
Sample : J2152-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-041218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	5.03	5.5	ng	275506	1	6.81	1003770	20.0
unknown6.58	6.58	75.3	ng	3779280	1	6.81	1003770	20.0
Tetradecane	9.77	3.2	ng	222406	3	9.85	1403770	20.0
Hexadecane	10.27	3.1	ng	219827	3	9.85	1403770	20.0
Heptadecane	10.75	4.4	ng	271859	4	11.34	1236260	20.0
Eicosane	11.20	2.3	ng	138895	4	11.34	1236260	20.0
Dibenzothiophene	11.23	2.1	ng	129335	4	11.34	1236260	20.0
5H-Indeno[1,2-b]p...	11.57	2.9	ng	180360	4	11.34	1236260	20.0
Hexadecanoic acid...	11.73	18.7	ng	1158010	4	11.34	1236260	20.0
n-Hexadecanoic acid	11.87	6.6	ng	407053	4	11.34	1236260	20.0
4H-Cyclopenta[def...	11.95	2.6	ng	158545	4	11.34	1236260	20.0
9,12-Octadecadien...	12.42	41.5	ng	2561840	4	11.34	1236260	20.0
9-Octadecenoic ac...	12.44	54.8	ng	3387100	4	11.34	1236260	20.0
Retene	13.06	4.6	ng	349500	5	13.99	1513500	20.0
Heptafluorobutyri...	13.82	5.7	ng	428053	5	13.99	1513500	20.0
Benzo[e]pyrene	15.34	4.8	ng	210579	6	15.46	885314	20.0