LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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	5.404	560	564	577	rBV	1871153	1810874	11.71%	3.057%
2	6.428	733	738	753	rBV	1830502	1926351	12.46%	3.252%
3	6.557	756	760	763	rBV	2131953	1928673	12.47%	3.256%
4	6.787	796	799	803	rBV	776897	609436	3.94%	1.029%
5	6.945	821	826	829	rBV	1576213	1534242	9.92%	2.590%
6	7.357	891	896	906	rBV	1199194	1192782	7.71%	2.014%
7	8.069	1014	1017	1037	rVB	871030	882030	5.70%	1.489%
8	9.145	1196	1200	1203	rBV	2432686	2167151	14.02%	3.659%
9	9.481	1254	1257	1264	rVV	124375	176292	1.14%	0.298%
10	9.539	1264	1267	1274	rVB	241613	235026	1.52%	0.397%
11	9.828	1312	1316	1319	rBV	1107034	920303	5.95%	1.554%
12	10.622	1447	1451	1461	rVB	1399670	1292346	8.36%	2.182%
13	10.828	1481	1486	1490	rBV	300576	261614	1.69%	0.442%
14	11.316	1565	1569	1571	rBV	942101	831276	5.38%	1.403%
15	11.339	1571	1573	1577	rVV	794582	658113	4.26%	1.111%
16	11.628	1619	1622	1624	rVB	499155	426112	2.76%	0.719%
17	11.716	1631	1637	1640	rBV	5311167	7465875	48.29%	12.605%
18	11.822	1651	1655	1657	rBV	186965	181451	1.17%	0.306%
19	11.851	1657	1660	1664	rVB2	313547	347433	2.25%	0.587%
20	11.927	1669	1673	1676	rVV3	265168	340293	2.20%	0.575%
21	12.110	1698	1704	1707	rBV2	237995	289232	1.87%	0.488%
22	12.151	1707	1711	1716	rVB	165354	166786	1.08%	0.282%
23	12.422	1745	1757	1759	rBV3	5554341	15461471	100.00%	26.104%
24	12.510	1768	1772	1774	rVB	4139397	3971123	25.68%	6.705%
25	12.539	1774	1777	1780	rBV	1233802	1080556	6.99%	1.824%
26	12.774	1812	1817	1823	rVB	1063062	1349191	8.73%	2.278%
27	12.910	1836	1840	1843	rBV	1730454	1520160	9.83%	2.567%
28	12.986	1849	1853	1858	rBV3	133512	265557	1.72%	0.448%
29	13.098	1864	1872	1875	rBV	350413	629063	4.07%	1.062%
30	13.145	1875	1880	1886	rVV2	531205	853162	5.52%	1.440%
31	13.204	1887	1890	1891	rVV2	176155	191923	1.24%	0.324%
32	13.222	1891	1893	1895	rVV	490355	461175	2.98%	0.779%
33	13.251	1895	1898	1902	rVV3	674356	854312	5.53%	1.442%
34	13.292	1902	1905	1908	rVV	788789	853328	5.52%	1.441%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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	13.333	1909	1912	1917	rVV2	271723	478442	3.09%	0.808%
36	13.392	1919	1922	1924	rVV2	204740	241195	1.56%	0.407%
37	13.657	1962	1967	1971	rVB3	384925	554122	3.58%	0.936%
38	13.892	2003	2007	2011	rVB2	417727	387450	2.51%	0.654%
39	13.969	2015	2020	2023	rVV2	825208	1250949	8.09%	2.112%
40	13.998	2023	2025	2028	rVB	571168	437083	2.83%	0.738%
41	15.016	2194	2198	2201	rBV	476356	687160	4.44%	1.160%
42	15.316	2245	2249	2255	rVB	292753	368993	2.39%	0.623%
43	15.374	2255	2259	2264	rBV	397131	498569	3.22%	0.842%
44	15.439	2265	2270	2273	rBV	462813	588203	3.80%	0.993%
45	16.898	2512	2518	2528	rVB2	155248	354515	2.29%	0.599%
46	17.339	2589	2593	2601	rVB	129505	248329	1.61%	0.419%

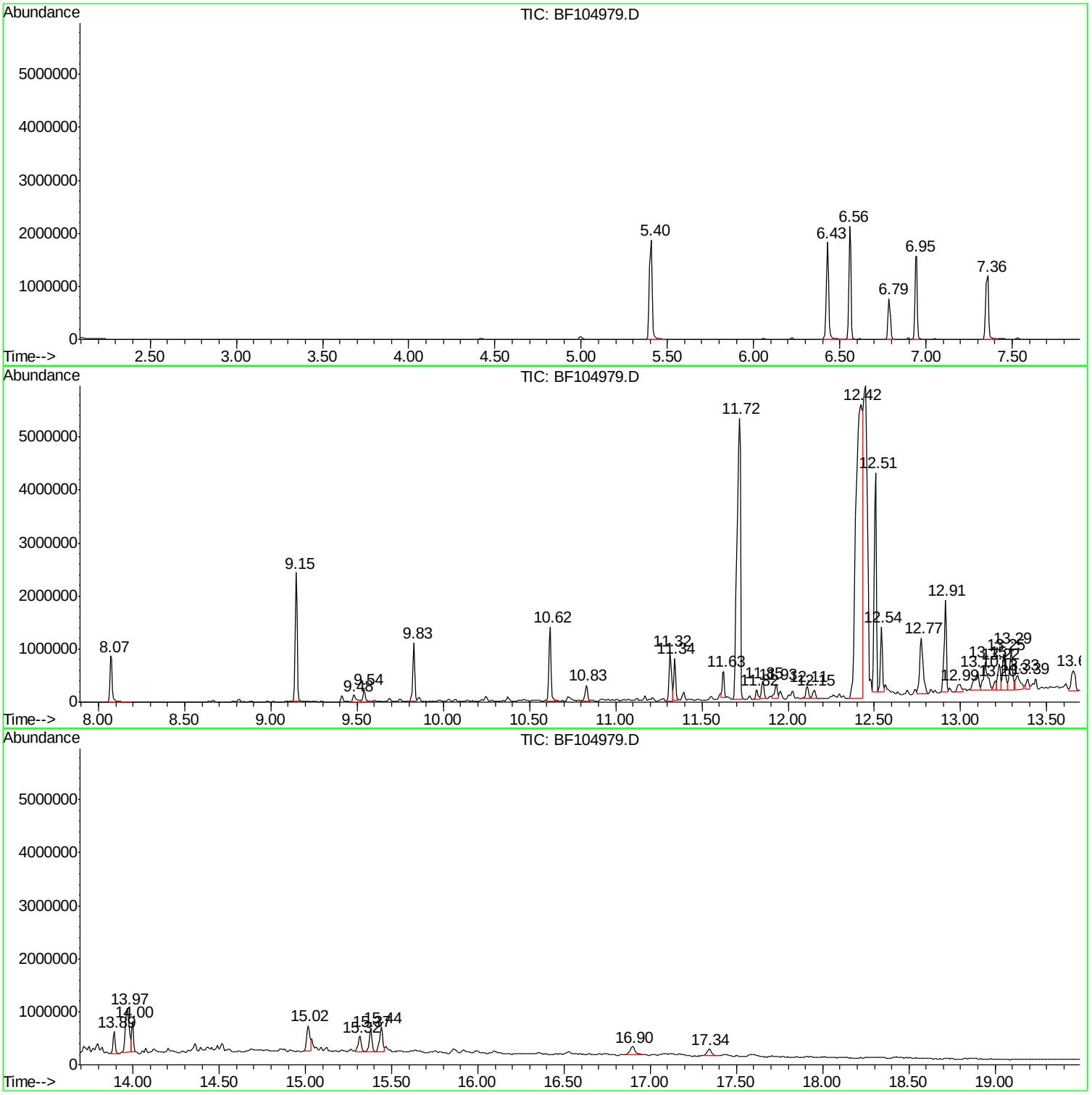
Sum of corrected areas: 59229722

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042718

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\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

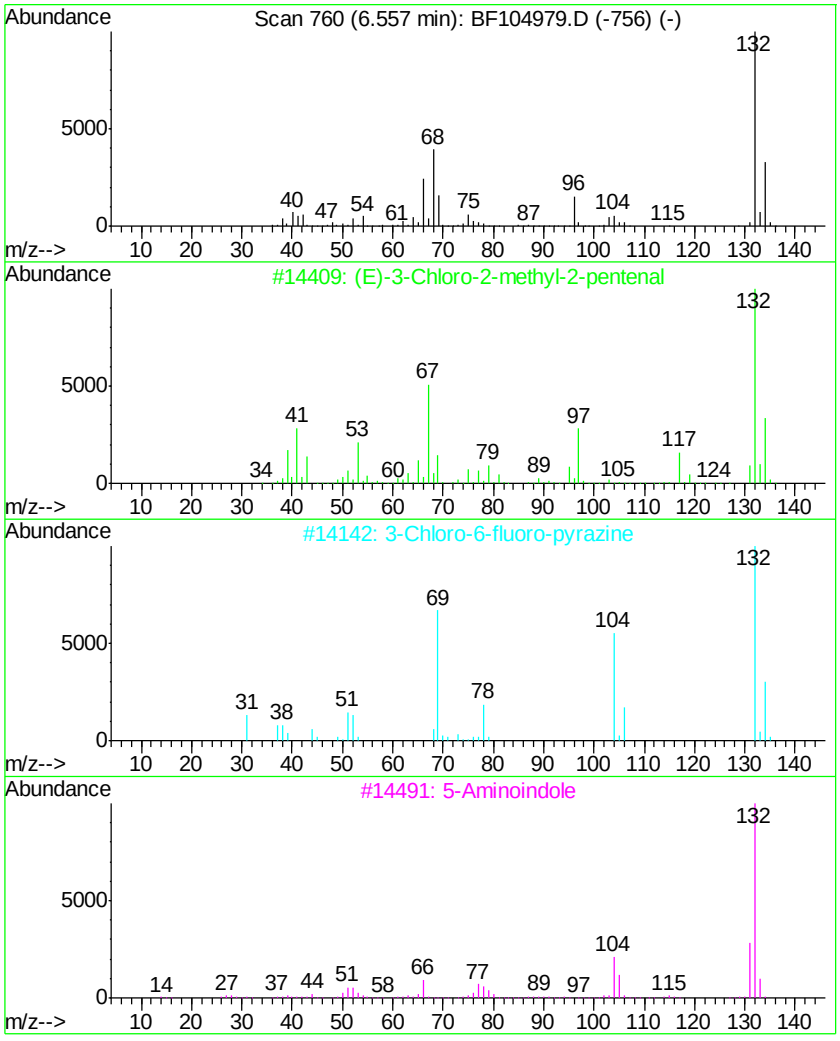
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

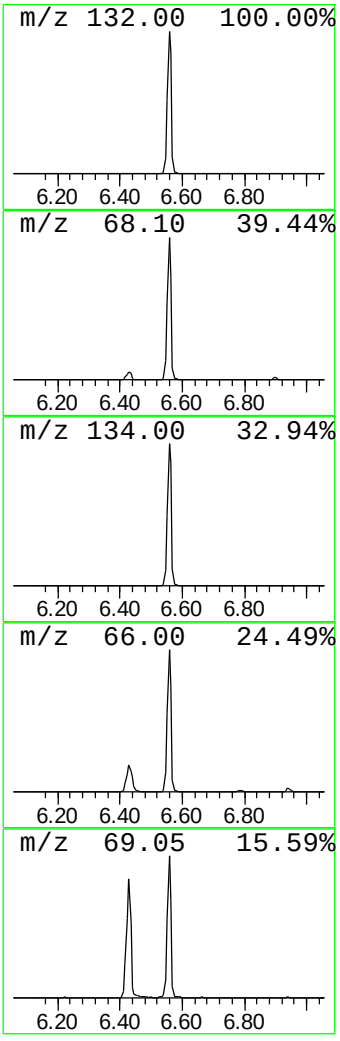
****

Peak Number 1 unknown6.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	63.29 ng	1928670	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

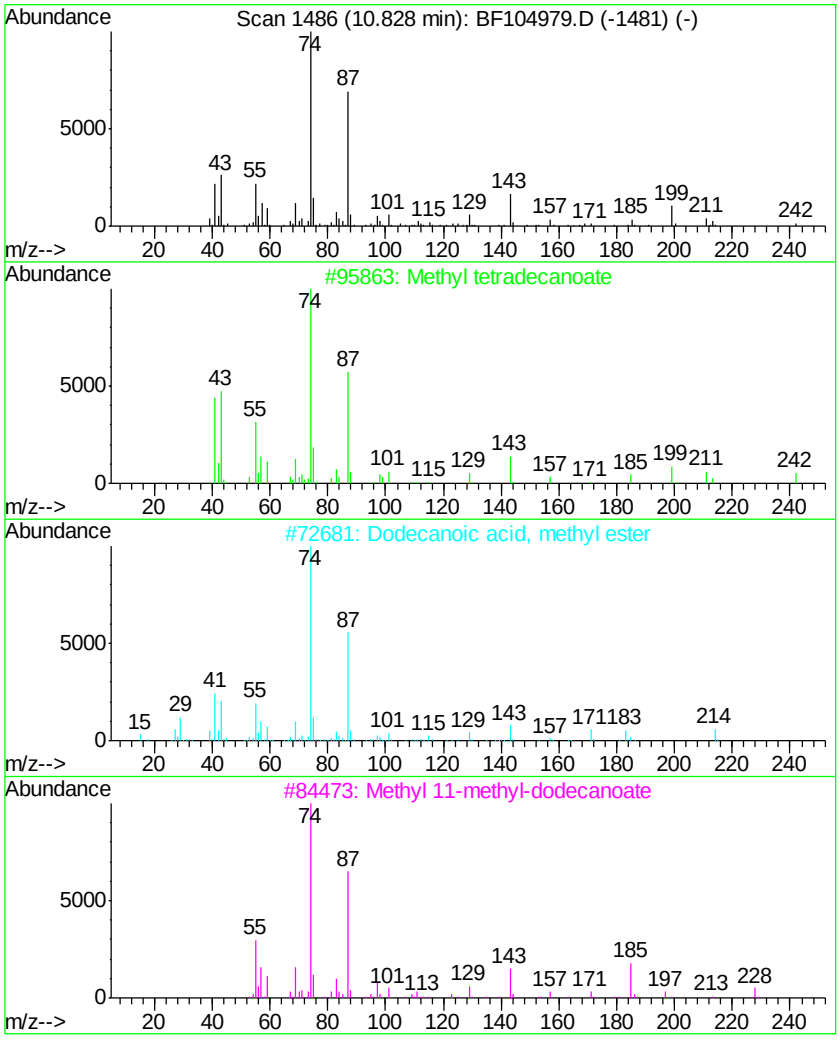
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

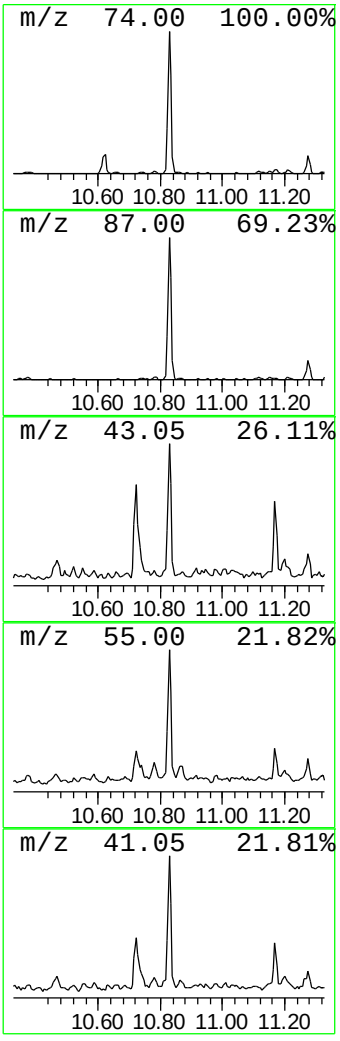
****

Peak Number 3 Methyl tetradecanoate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	6.29 ng	261614	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
3	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

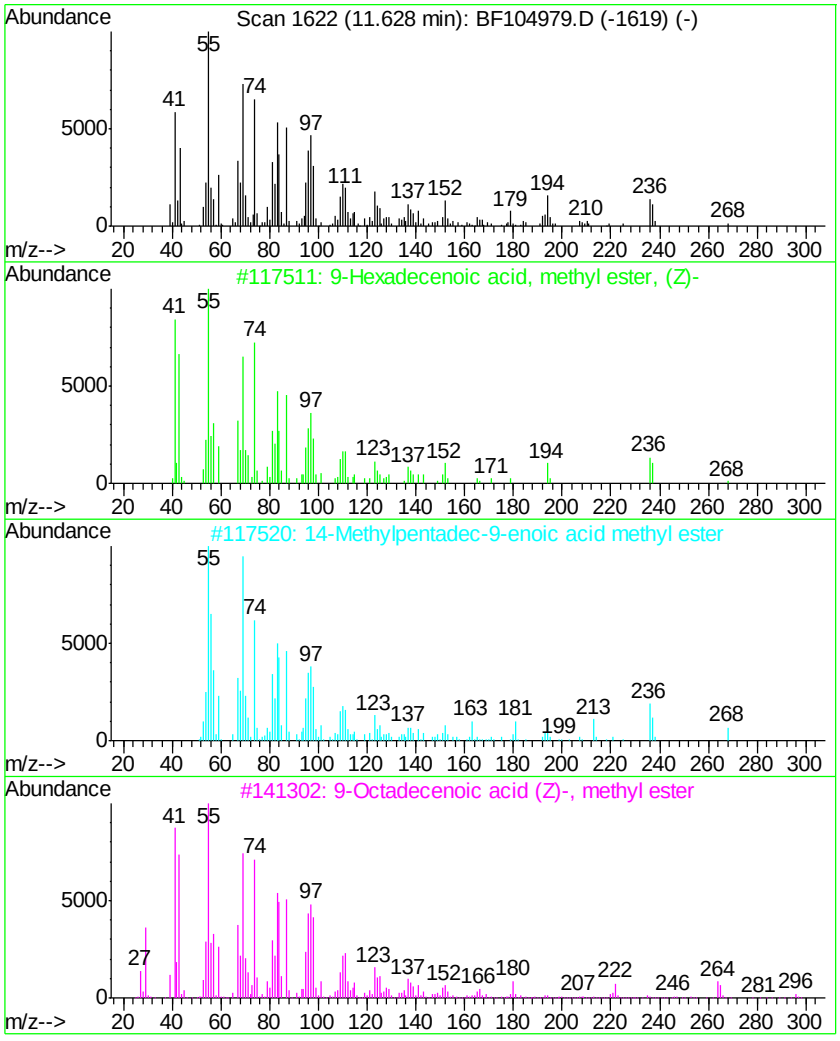
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

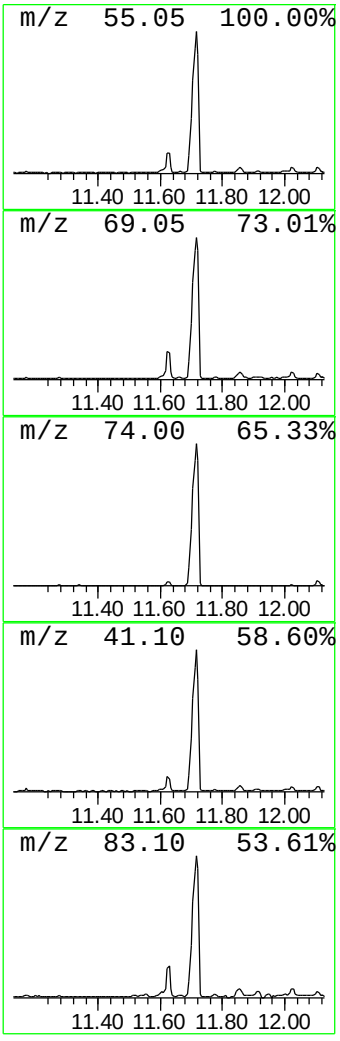
****

Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	10.25 ng	426112	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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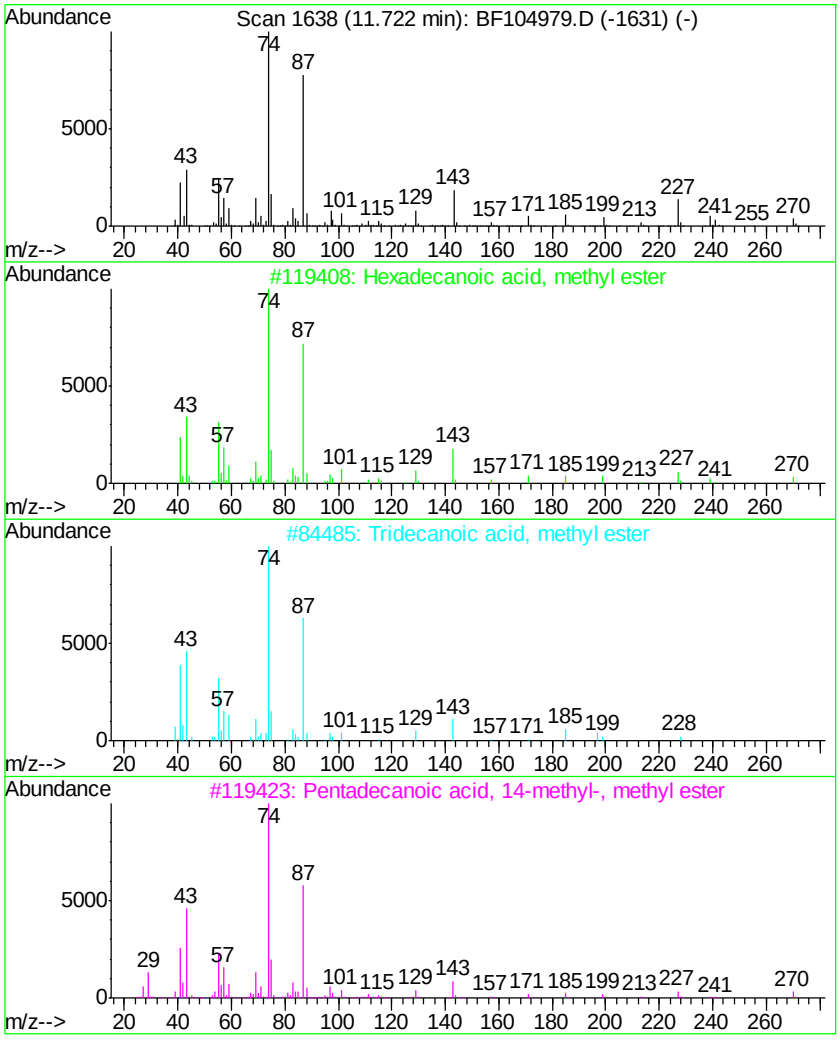
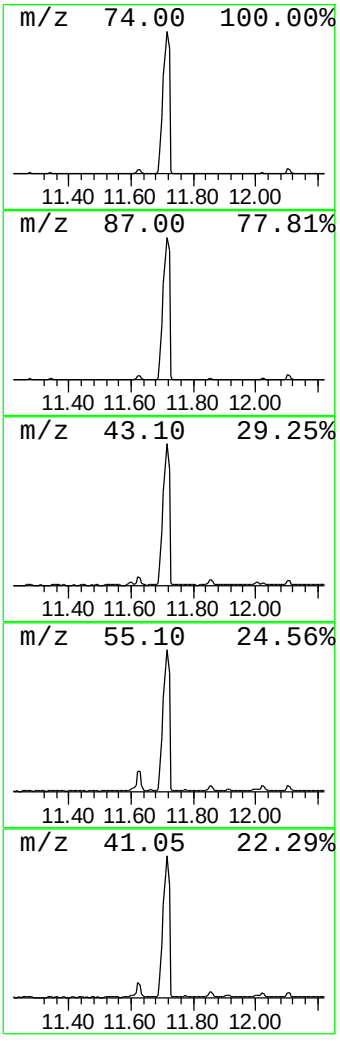
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	179.62 ng	7465880	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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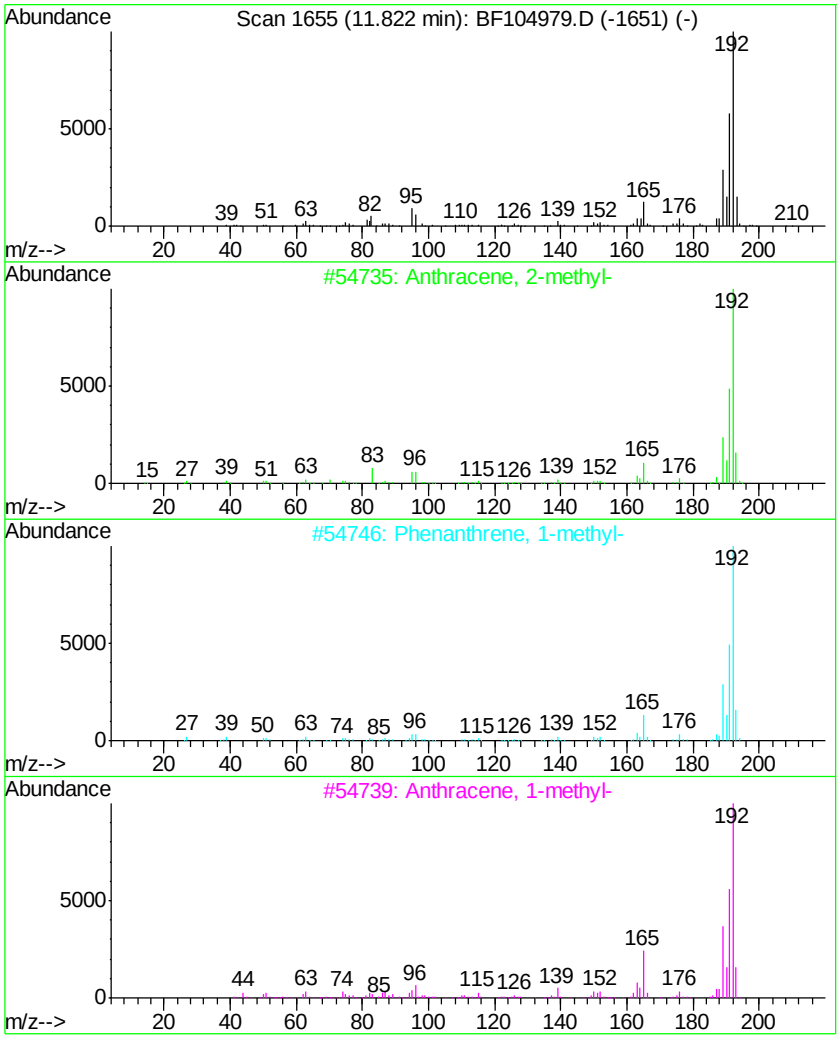
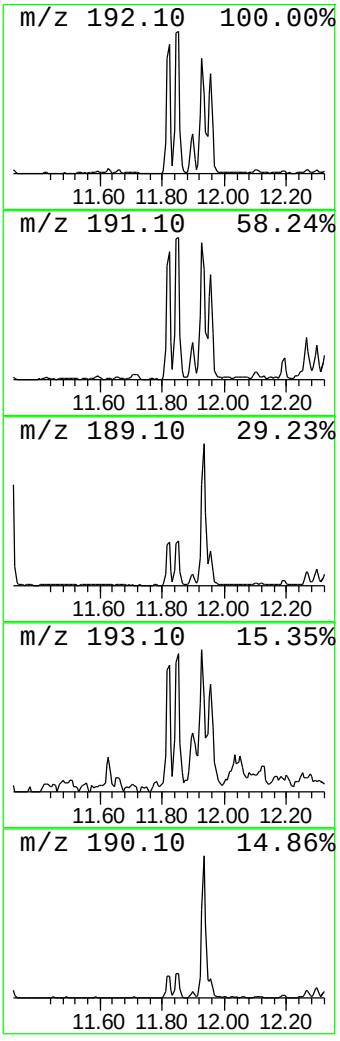
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.37 ng	181451	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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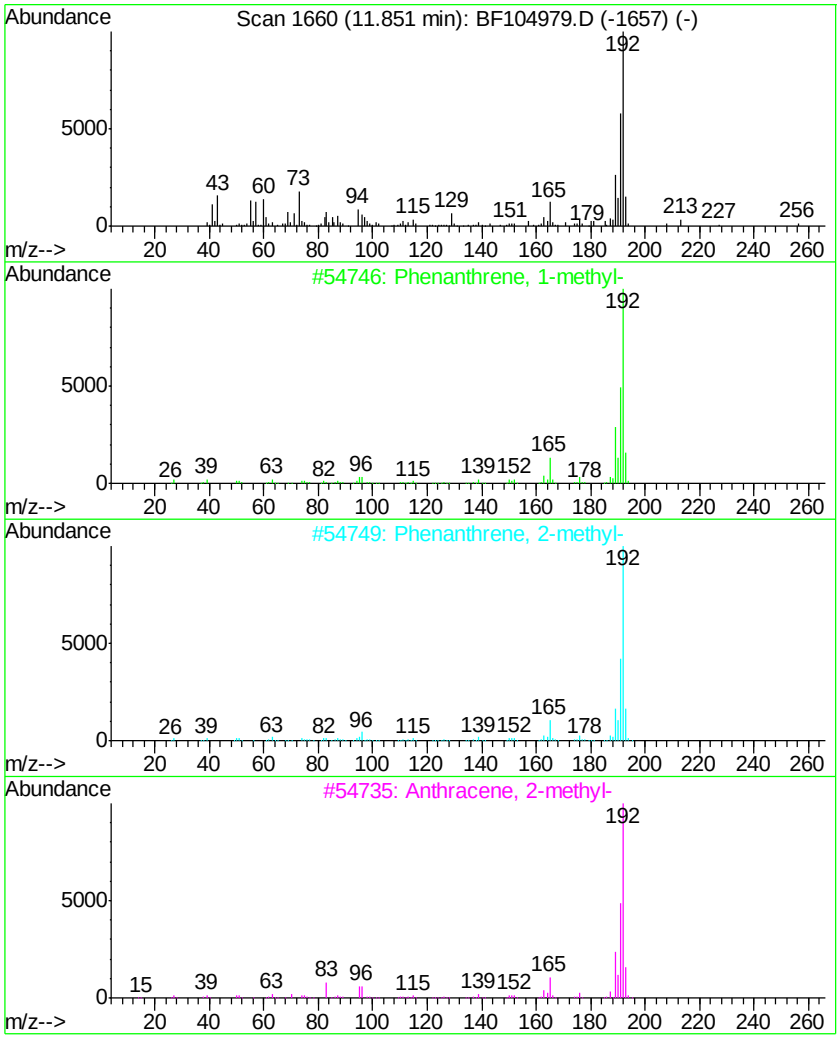
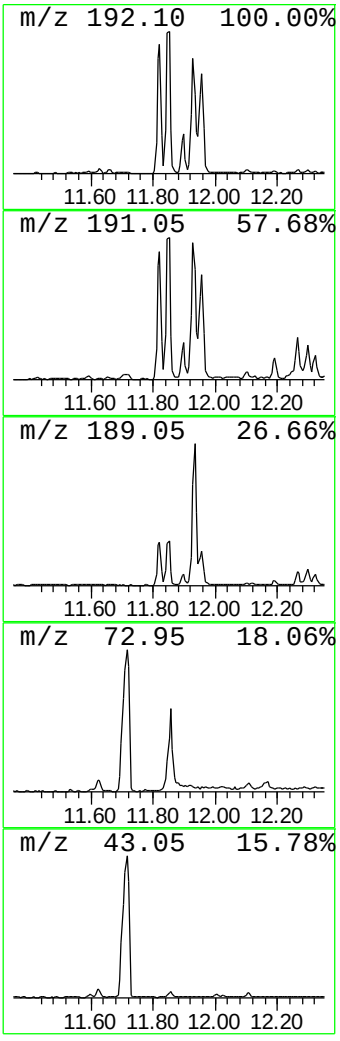
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.36 ng	347433	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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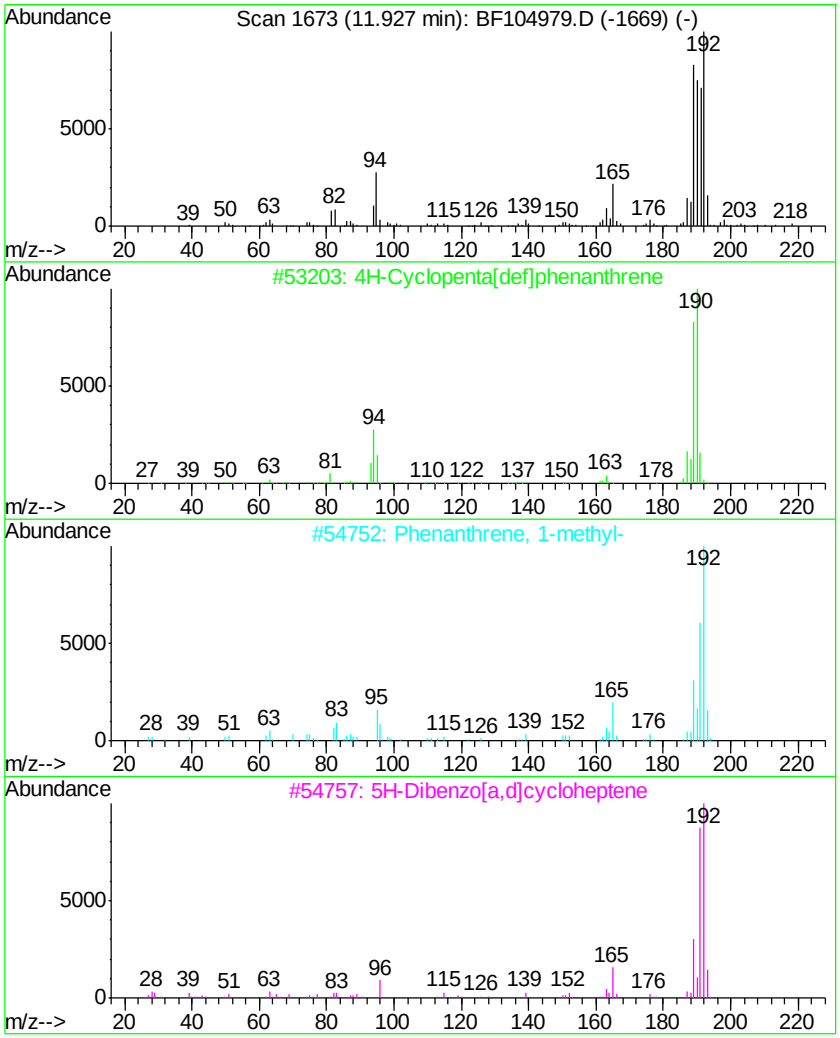
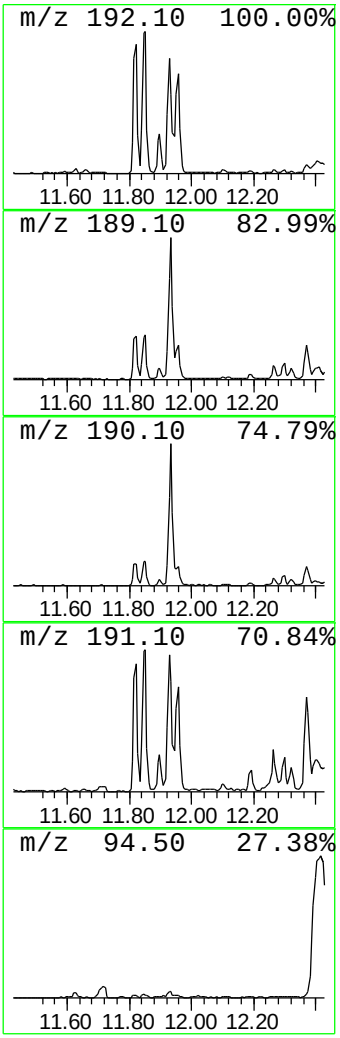
Peak Number 8 unknown11.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	8.19 ng	340293	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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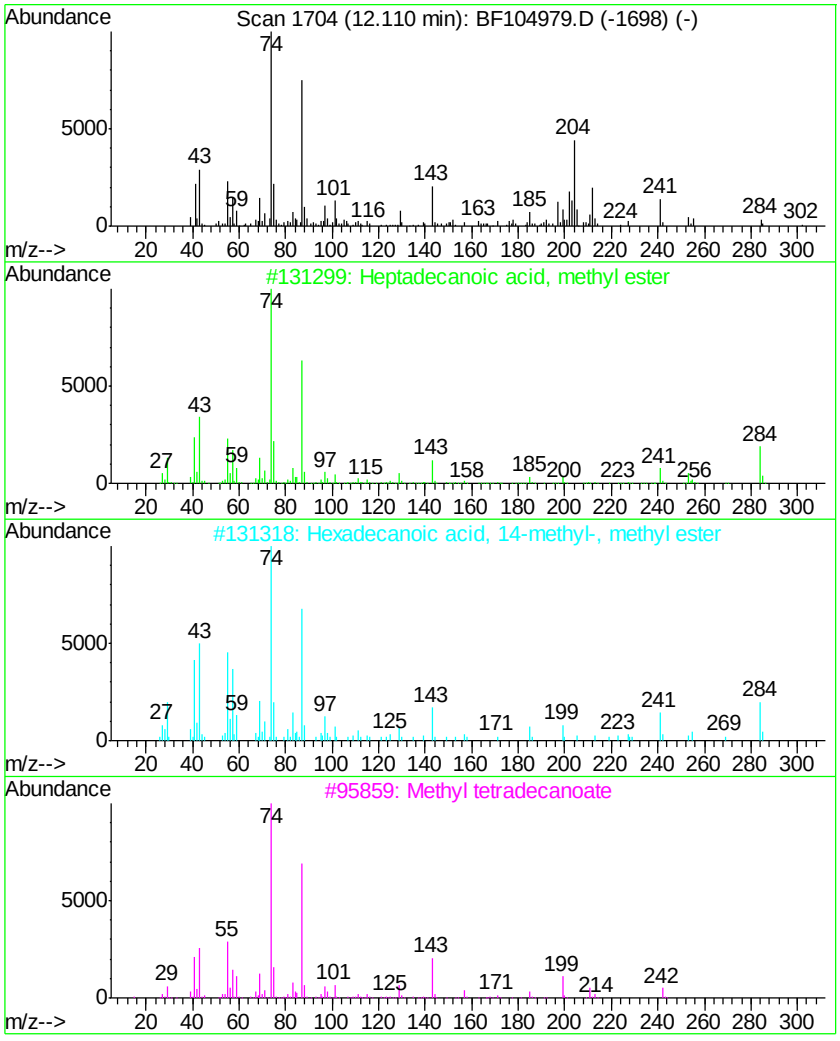
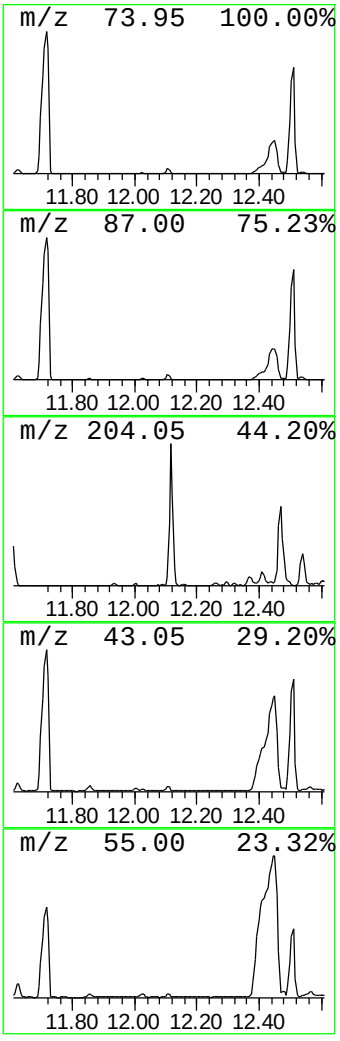
Peak Number 9 Heptadecanoic acid, methyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	6.96 ng	289232	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	96
2	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	64
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	60
4	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	53
5	Methyl stearate	298	C19H38O2	000112-61-8	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

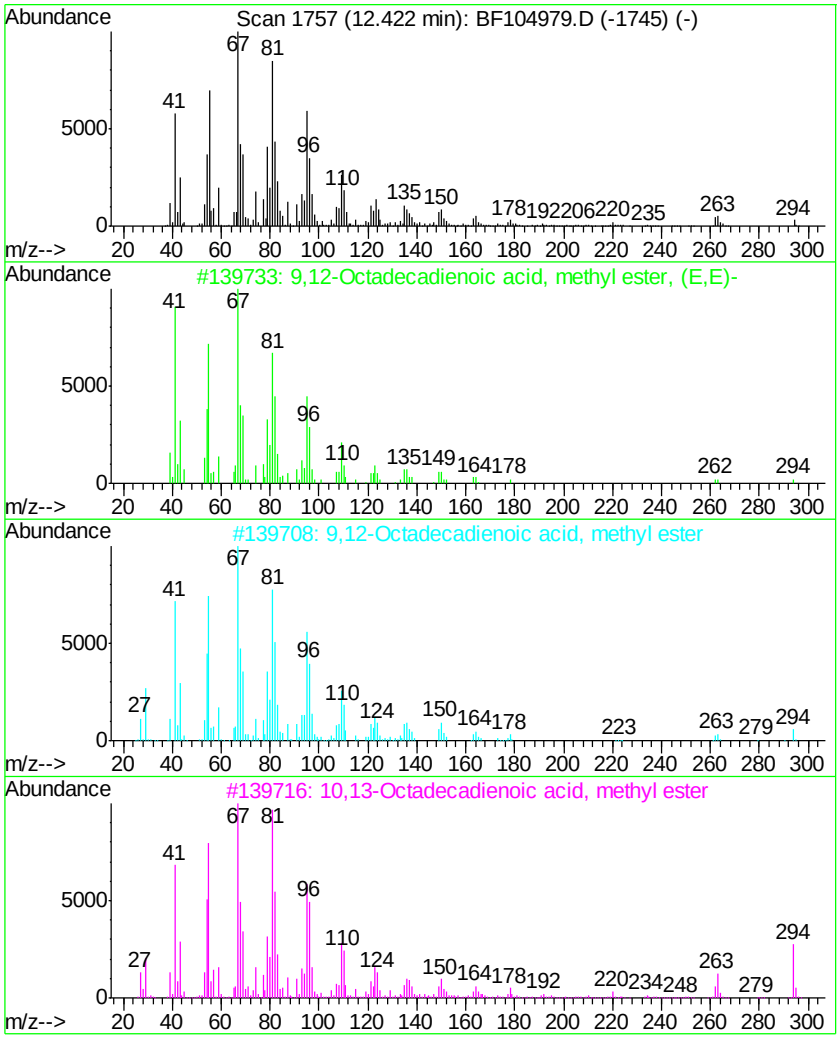
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

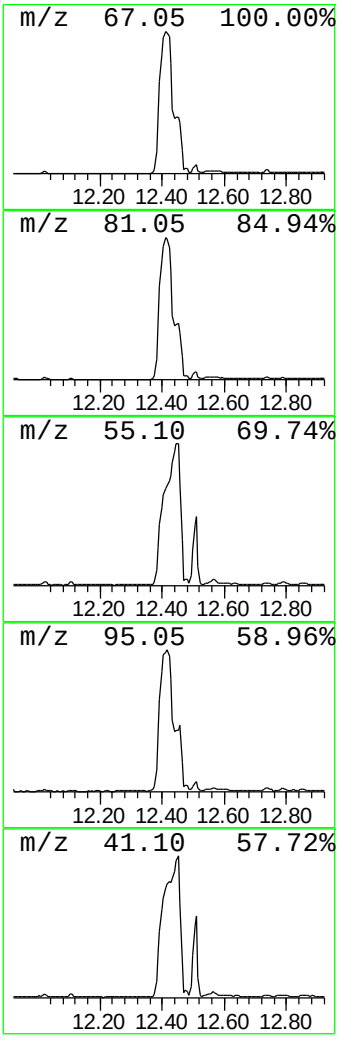
****

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	371.99 ng	15461500	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

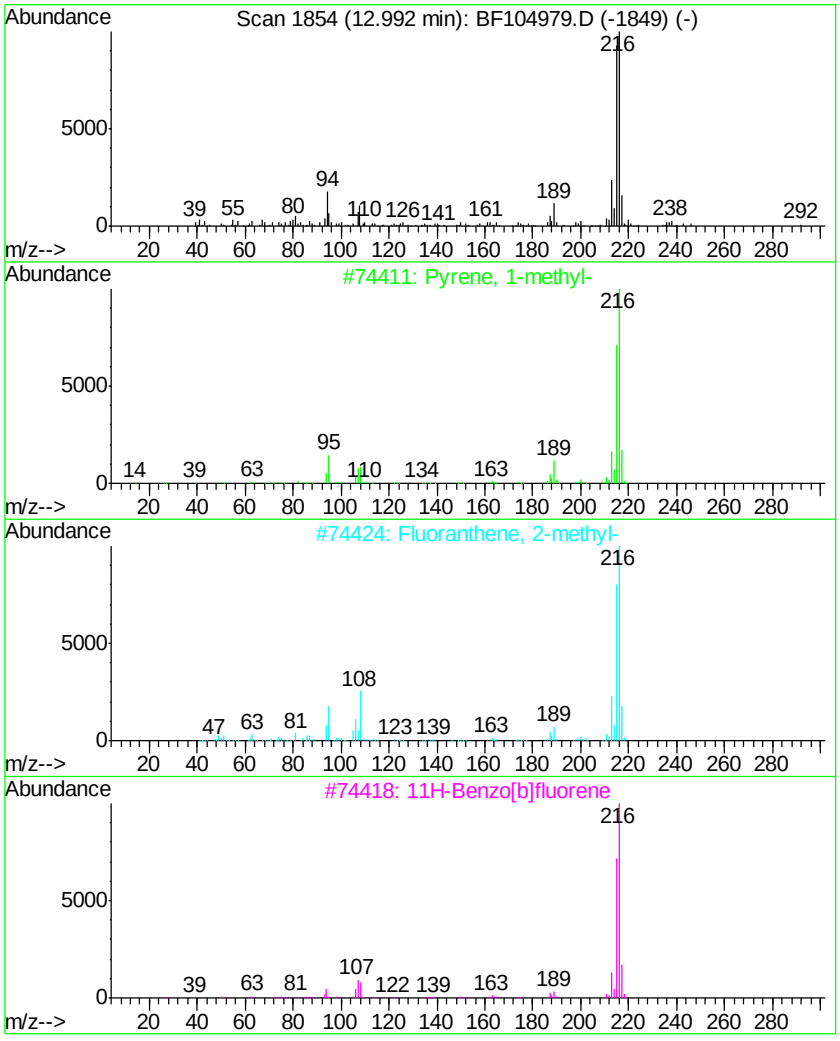
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

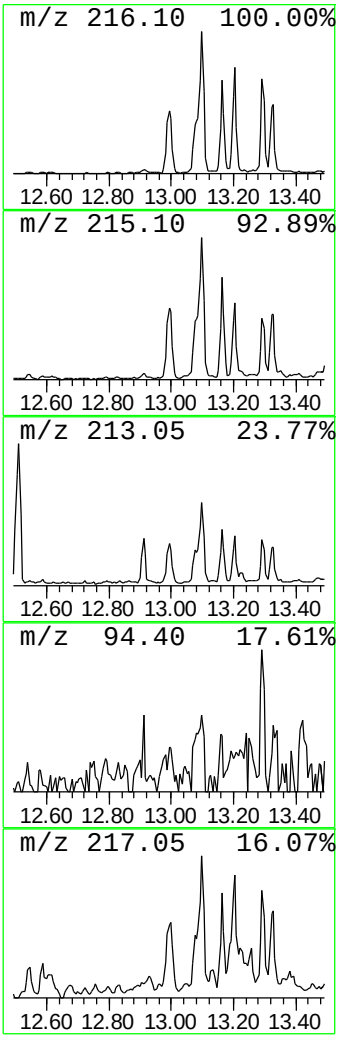
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.25 ng	265557	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

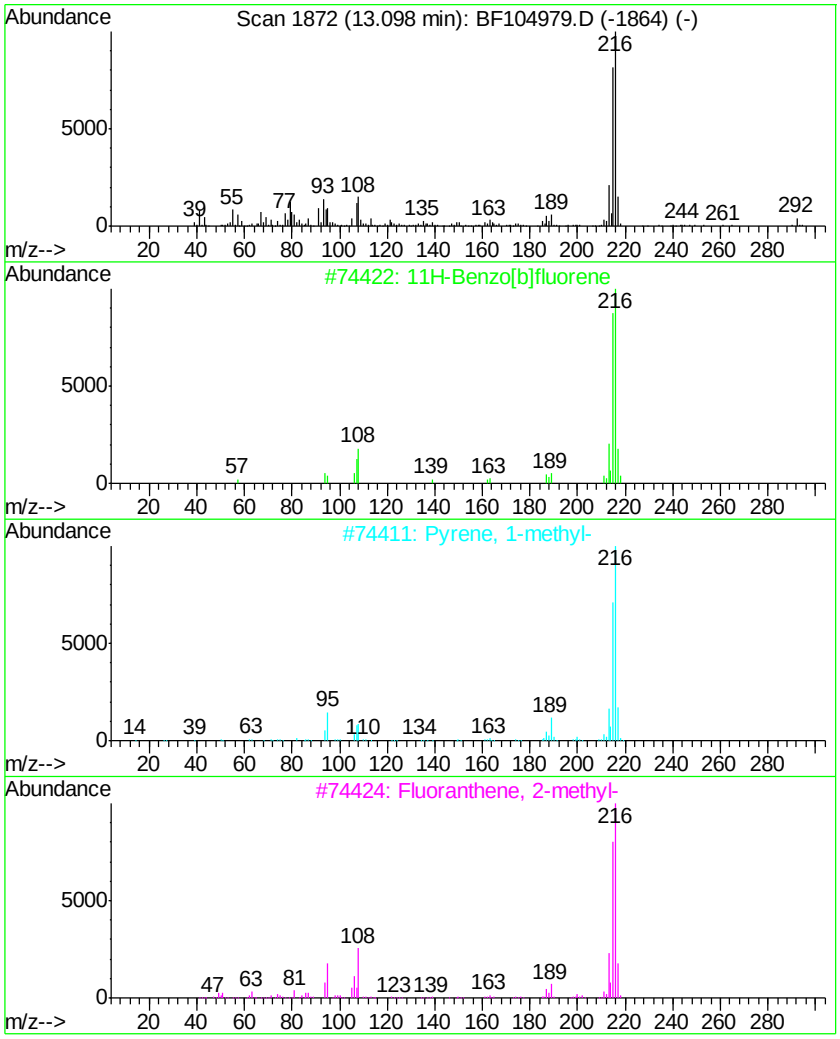
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

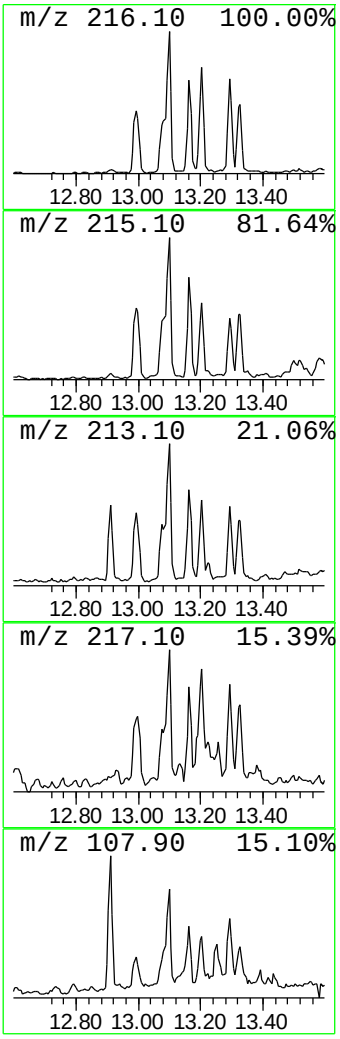
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	10.06 ng	629063	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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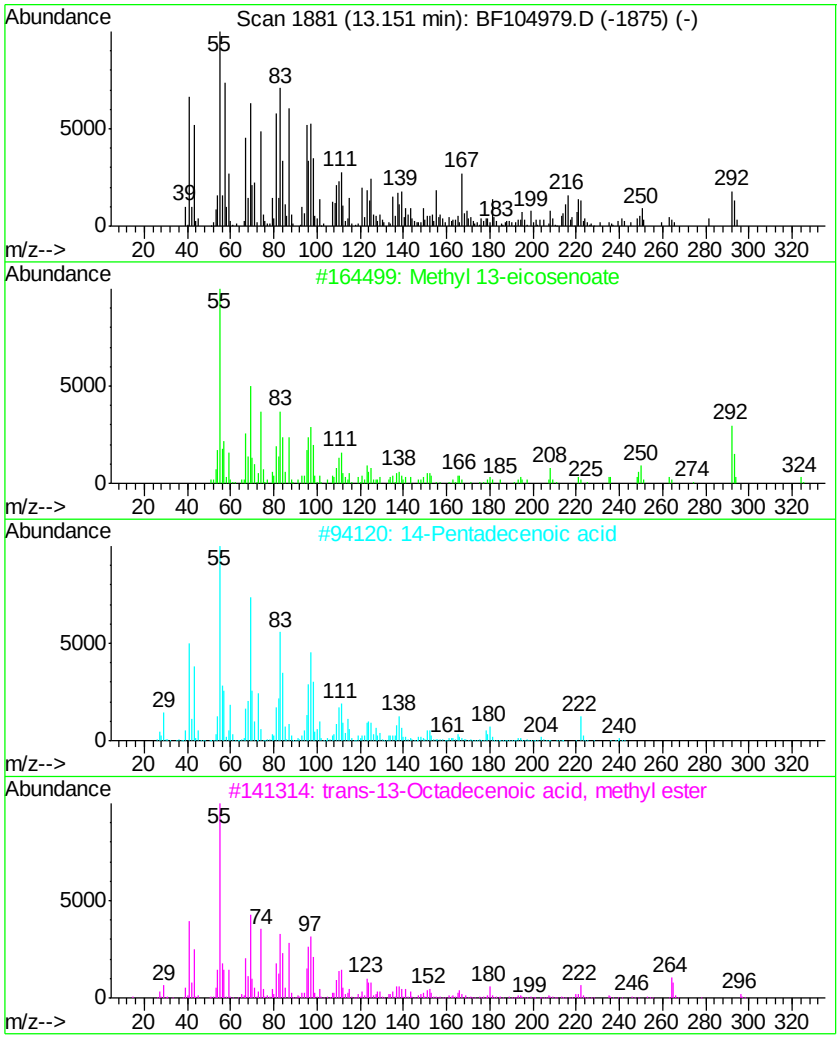
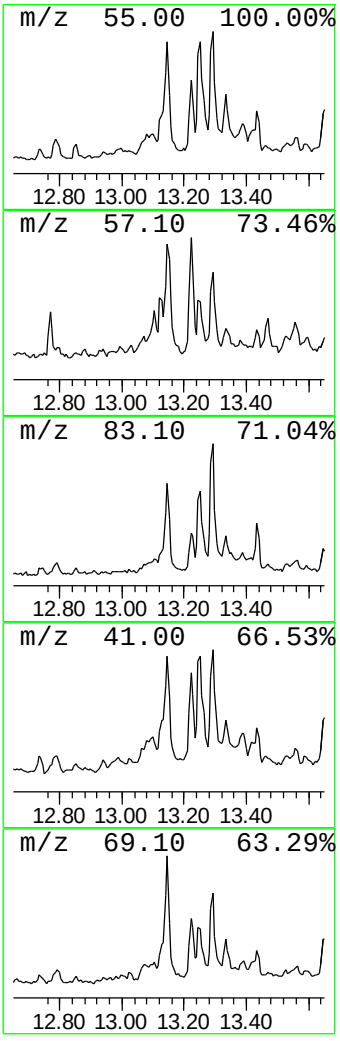
Peak Number 13 Methyl 13-eicosenoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	13.64 ng	853162	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	64
2	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	62
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	60
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	58
5	Oleic Acid	282	C18H34O2	000112-80-1	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

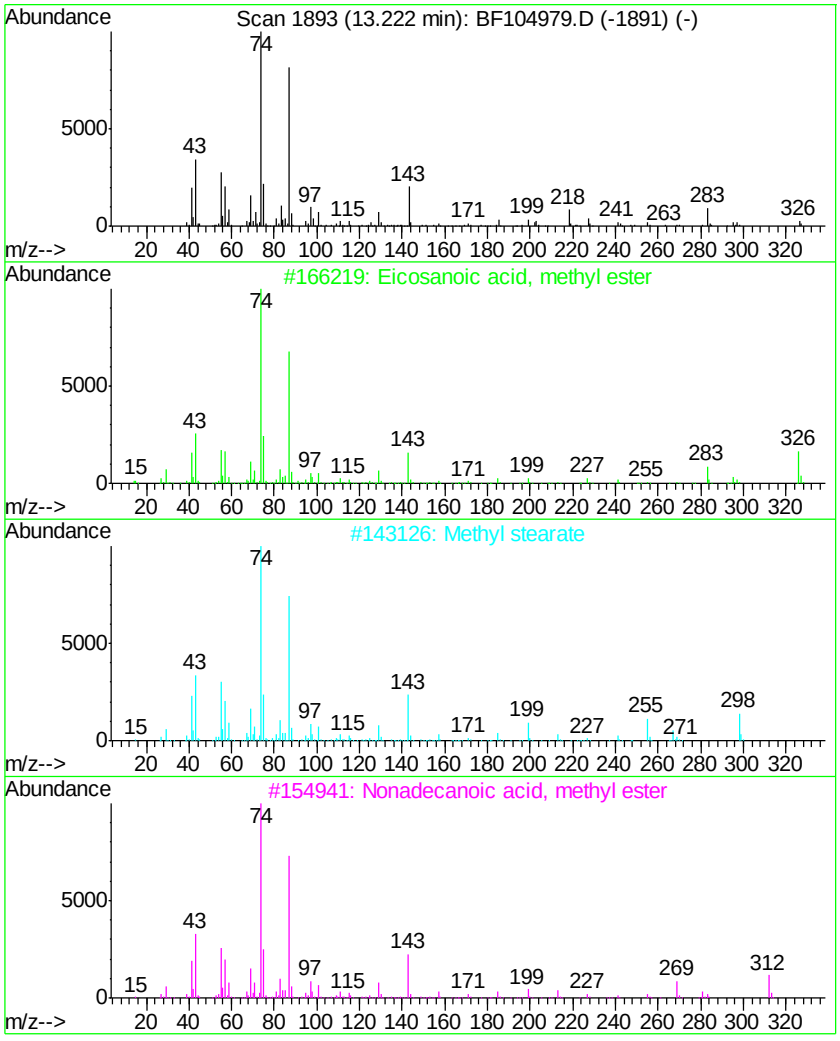
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

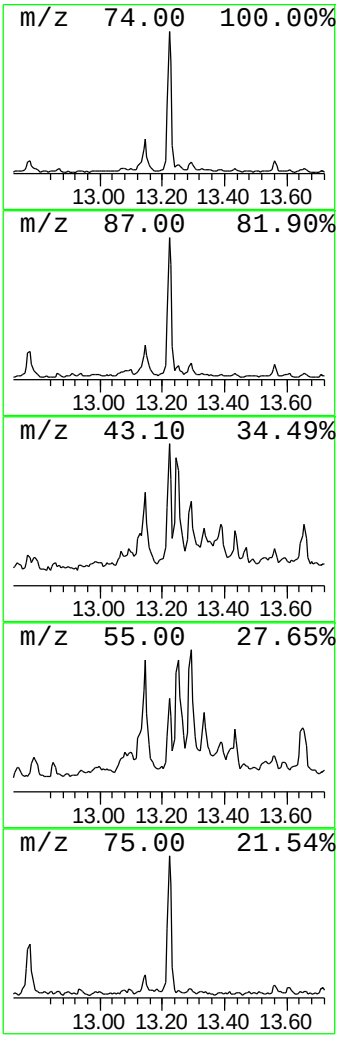
****

Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	7.37 ng	461175	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl stearate	298	C19H38O2	000112-61-8	90
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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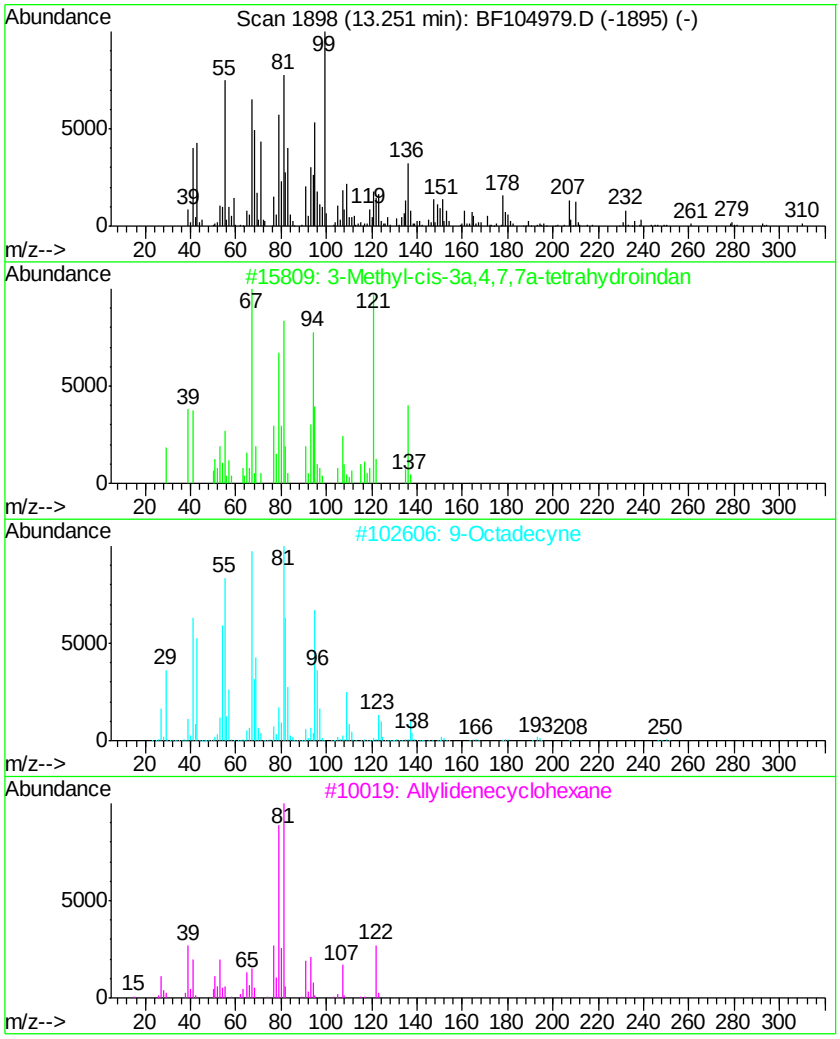
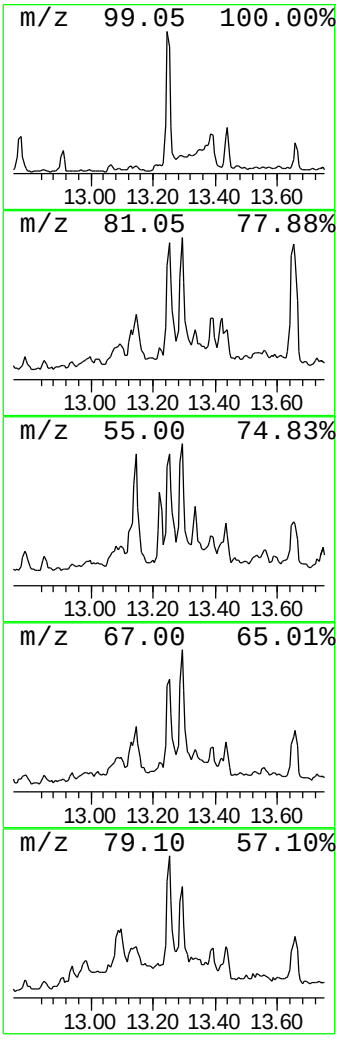
Peak Number 15 unknown13.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	13.66 ng	854312	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	46
2	9-Octadecyne	250	C18H34	035365-59-4	42
3	Allylidenecyclohexane	122	C9H14	005664-10-8	38
4	7-Hexadecyne	222	C16H30	074685-28-2	35
5	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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

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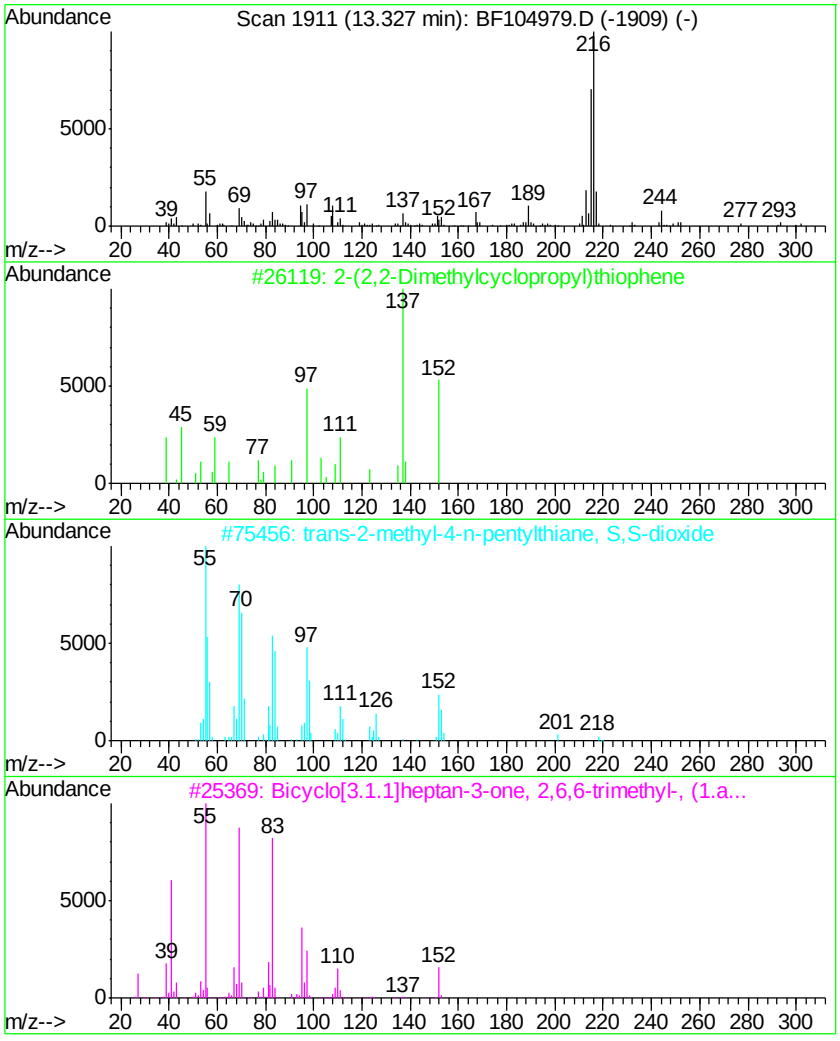
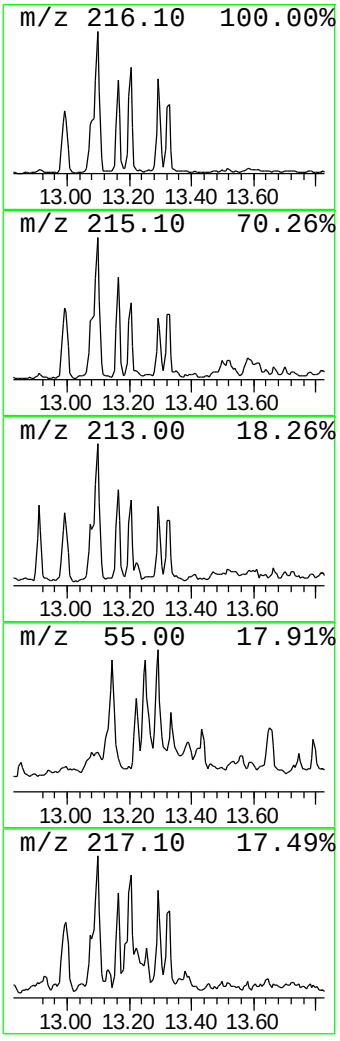
Peak Number 17 unknown13.33 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	7.65 ng	478442	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2,2-Dimethylcyclopropyl)thiop...	152	C9H12S	005919-16-4	38
2	trans-2-methyl-4-n-pentylthiane,...	218	C11H22O2S	1000215-75-3	18
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14
4	(Z)-4-Methyl-5-(2-oxopropylidene...	152	C8H8O3	026474-45-3	12
5	2-(2-Acetyl-1-methylcyclopropyl)...	180	C10H12OS	1000100-03-0	11





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Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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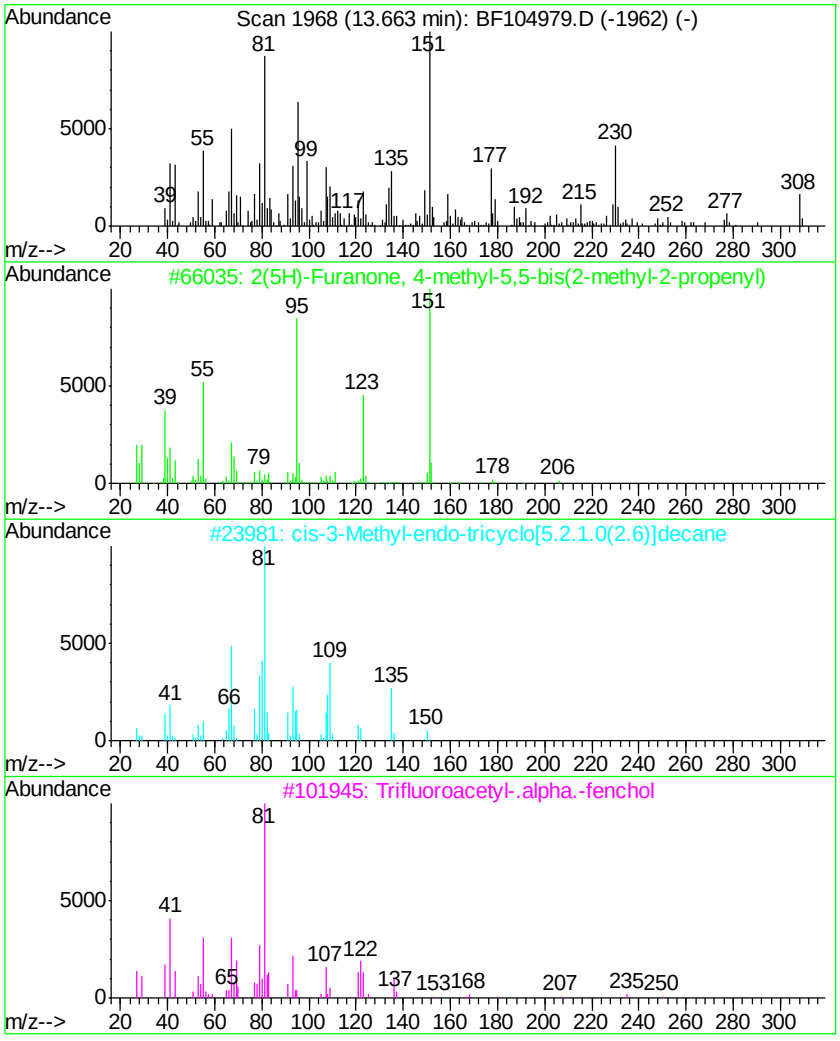
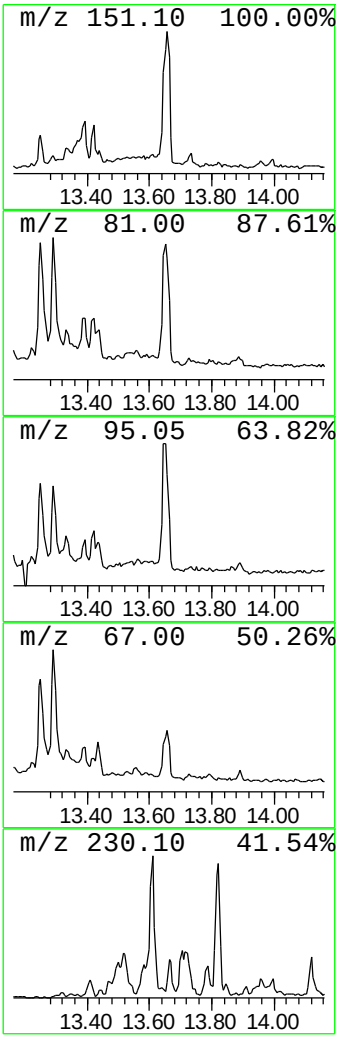
Peak Number 18 unknown13.66 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	8.86 ng	554122	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	42
2	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	35
3	Trifluoroacetyl-.alpha.-fenchol	250	C12H17F3O2	031076-73-0	25
4	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	25
5	Bicyclo[2.2.1]heptan-2-one, 1-(b...	230	C10H15BrO	064161-50-8	15





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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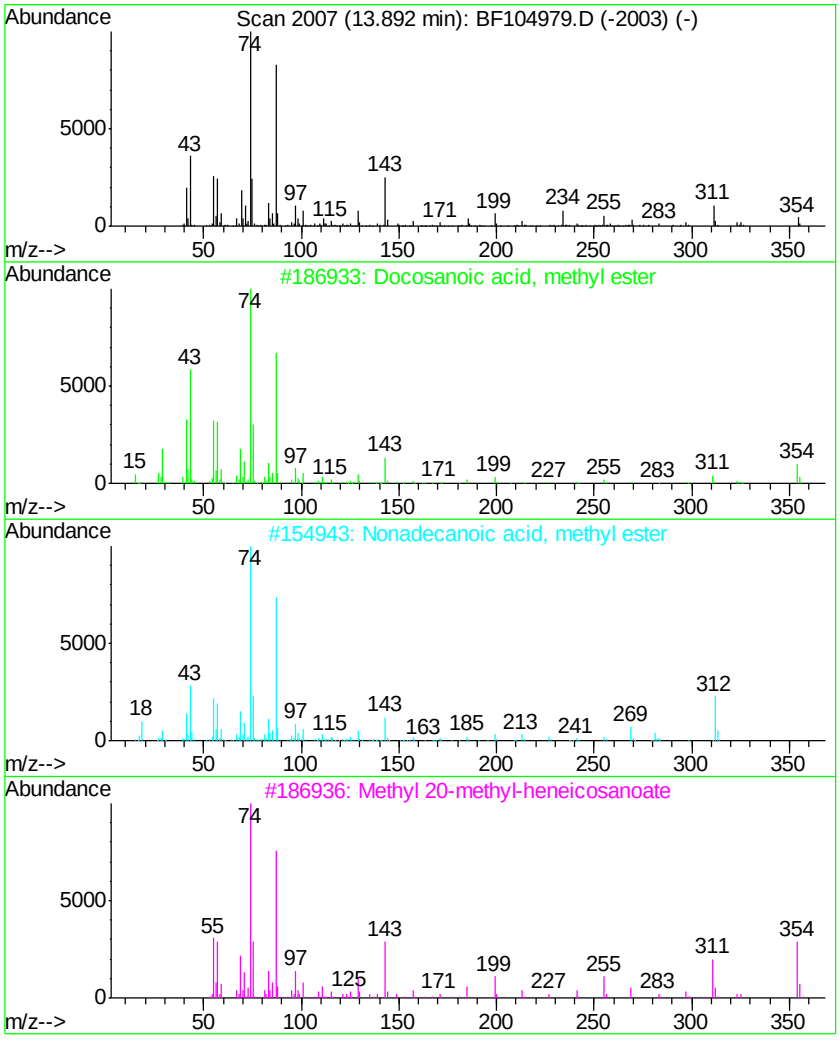
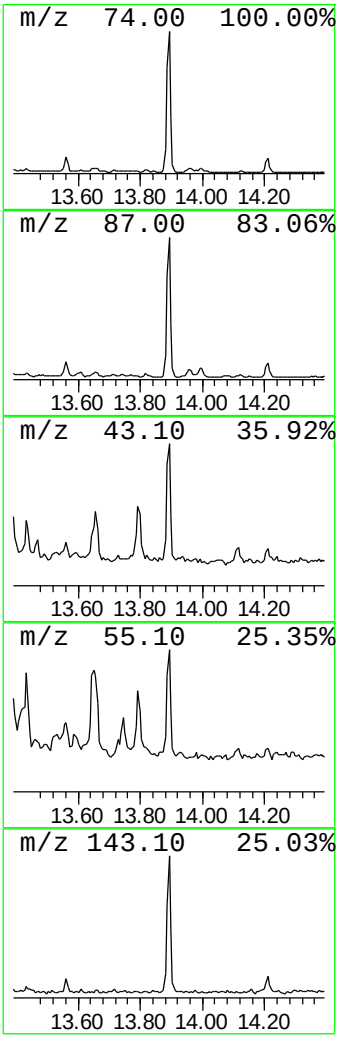
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	6.19 ng	387450	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87
5	Methyl stearate	298	C19H38O2	000112-61-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042718

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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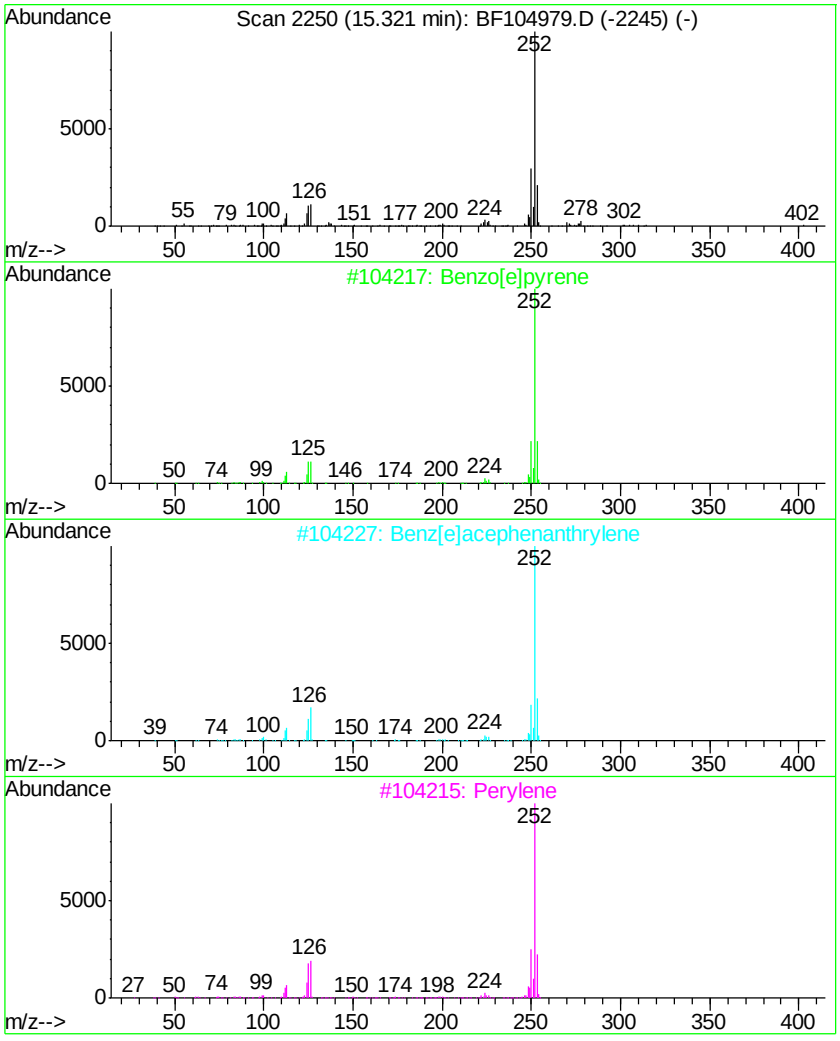
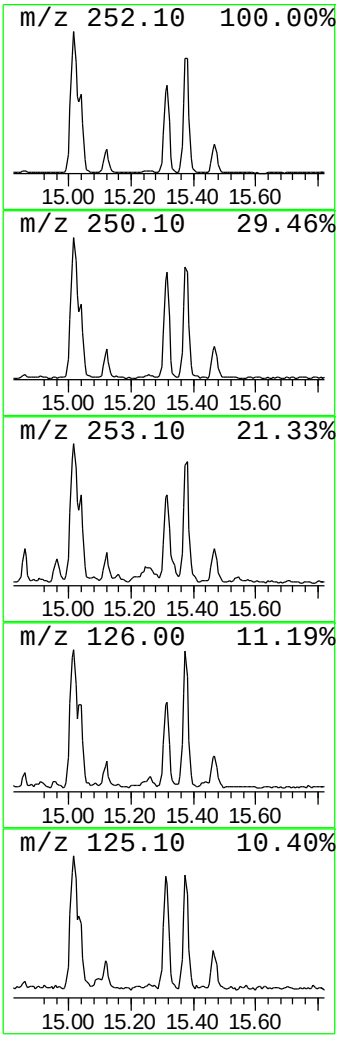
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	12.55 ng	368993	Perylene-d12	15.44

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	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104979.D
Acq On : 1 May 2018 13:15
Operator : JU/SJ
Sample : J2166-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	63.3	ng	1928670	1	6.79	609436	20.0
Methyl tetradecan...	10.83	6.3	ng	261614	4	11.32	831276	20.0
9-Hexadecenoic ac...	11.63	10.3	ng	426112	4	11.32	831276	20.0
Hexadecanoic acid...	11.72	179.6	ng	7465880	4	11.32	831276	20.0
Anthracene, 2-met...	11.82	4.4	ng	181451	4	11.32	831276	20.0
Phenanthrene, 1-m...	11.85	8.4	ng	347433	4	11.32	831276	20.0
unknown11.93	11.93	8.2	ng	340293	4	11.32	831276	20.0
Heptadecanoic aci...	12.11	7.0	ng	289232	4	11.32	831276	20.0
9,12-Octadecadien...	12.42	372.0	ng	15461500	4	11.32	831276	20.0
Pyrene, 1-methyl-	12.99	4.3	ng	265557	5	13.97	1250950	20.0
11H-Benzo[b]fluorene	13.10	10.1	ng	629063	5	13.97	1250950	20.0
Methyl 13-eicosen...	13.15	13.6	ng	853162	5	13.97	1250950	20.0
Eicosanoic acid, ...	13.22	7.4	ng	461175	5	13.97	1250950	20.0
unknown13.25	13.25	13.7	ng	854312	5	13.97	1250950	20.0
unknown13.33	13.33	7.7	ng	478442	5	13.97	1250950	20.0
unknown13.66	13.66	8.9	ng	554122	5	13.97	1250950	20.0
Docosanoic acid, ...	13.89	6.2	ng	387450	5	13.97	1250950	20.0
Benzo[e]pyrene	15.32	12.6	ng	368993	6	15.44	588203	20.0