LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	5.260	492	497	505	rVB	863385	1083294	1.20%	0.387%
2	5.648	558	563	566	rBV	5394338	5229089	5.80%	1.866%
3	6.642	727	732	736	rBV	5355261	5776297	6.41%	2.062%
4	6.795	753	758	761	rBV	5869090	5524448	6.13%	1.972%
5	7.025	793	797	800	rBV	1782048	1408841	1.56%	0.503%
6	7.183	817	824	827	rBV	4596643	4132693	4.58%	1.475%
7	7.583	888	892	897	rVV	3635389	4157846	4.61%	1.484%
8	8.307	1013	1015	1020	rVV	2098140	1988016	2.20%	0.710%
9	8.589	1058	1063	1067	rVB5	873818	1140585	1.26%	0.407%
10	8.807	1097	1100	1105	rBV2	1122100	1178911	1.31%	0.421%
11	8.883	1108	1113	1118	rBV3	1367956	1534597	1.70%	0.548%
12	9.130	1152	1155	1157	rBV	1295424	1128600	1.25%	0.403%
13	9.248	1172	1175	1178	rBV2	919083	919647	1.02%	0.328%
14	9.383	1194	1198	1202	rVB	5794412	5458652	6.05%	1.948%
15	9.454	1206	1210	1213	rVV	2134818	1969906	2.18%	0.703%
16	9.642	1239	1242	1245	rBV2	1841653	1513847	1.68%	0.540%
17	9.707	1248	1253	1255	rBV4	586678	926314	1.03%	0.331%
18	9.772	1261	1264	1269	rBV2	1476971	1493190	1.66%	0.533%
19	9.983	1295	1300	1304	rBV	2912524	2651260	2.94%	0.946%
20	10.077	1313	1316	1318	rVB	1808372	1397607	1.55%	0.499%
21	10.307	1352	1355	1360	rBV3	825177	1078211	1.20%	0.385%
22	10.489	1382	1386	1388	rBV	3624122	3003708	3.33%	1.072%
23	10.707	1419	1423	1426	rBV	1587413	1895783	2.10%	0.677%
24	10.871	1447	1451	1454	rBV	3381601	3034712	3.37%	1.083%
25	10.966	1463	1467	1472	rBV	3758593	4323786	4.79%	1.543%
26	11.413	1540	1543	1546	rBV	3391973	2780463	3.08%	0.992%
27	11.442	1546	1548	1551	rVB	1125723	970588	1.08%	0.346%
28	11.577	1568	1571	1573	rBV	1611311	1530653	1.70%	0.546%
29	11.842	1613	1616	1619	rVV	2856998	2472836	2.74%	0.883%
30	11.960	1630	1636	1639	rVB2	17801708	24337966	26.99%	8.686%
31	12.124	1654	1664	1668	rBV	2774823	5364808	5.95%	1.915%
32	12.254	1682	1686	1694	rVB	2666881	2710299	3.01%	0.967%
33	12.701	1747	1762	1766	rBV6	20280108	90174186	100.00%	32.184%
34	12.765	1768	1773	1775	rVB	14056274	15316659	16.99%	5.467%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.854	1775	1788	1793	rBV2	9107014	26762009	29.68%	9.552%
36	12.907	1794	1797	1800	rVB	1763033	1589303	1.76%	0.567%
37	12.989	1808	1811	1814	rBV	2615699	2327122	2.58%	0.831%
38	13.024	1814	1817	1819	rVV	1447732	1144974	1.27%	0.409%
39	13.183	1840	1844	1850	rVB	3789089	3978155	4.41%	1.420%
40	13.312	1864	1866	1868	rVV	2056132	1937752	2.15%	0.692%
41	13.336	1868	1870	1872	rVV3	1553341	2009352	2.23%	0.717%
42	13.383	1875	1878	1879	rVV2	1780370	1822569	2.02%	0.650%
43	13.401	1879	1881	1889	rVB	2503438	3299692	3.66%	1.178%
44	13.477	1891	1894	1897	rBV	3283247	2965690	3.29%	1.058%
45	13.512	1897	1900	1905	rVV3	1563682	2407871	2.67%	0.859%
46	13.560	1905	1908	1911	rVV3	1507792	2233633	2.48%	0.797%
47	13.595	1911	1914	1919	rVV2	1929651	3246356	3.60%	1.159%
48	13.648	1921	1923	1926	rVV2	1488701	1765021	1.96%	0.630%
49	13.724	1934	1936	1943	rVB	888378	936060	1.04%	0.334%
50	13.912	1964	1968	1972	rVB2	2664039	3569783	3.96%	1.274%
51	14.148	2004	2008	2012	rVB	2154566	1929806	2.14%	0.689%
52	14.242	2021	2024	2035	rVB	1491719	1710544	1.90%	0.611%
53	14.677	2095	2098	2103	rBV2	1036398	1348343	1.50%	0.481%
54	15.154	2174	2179	2189	rVB	1710629	2513554	2.79%	0.897%
55	15.812	2287	2291	2298	rVB2	687397	1076938	1.19%	0.384%

Sum of corrected areas: 280182825

LSC Report - Integrated Chromatogram

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Data File : BF108120.D
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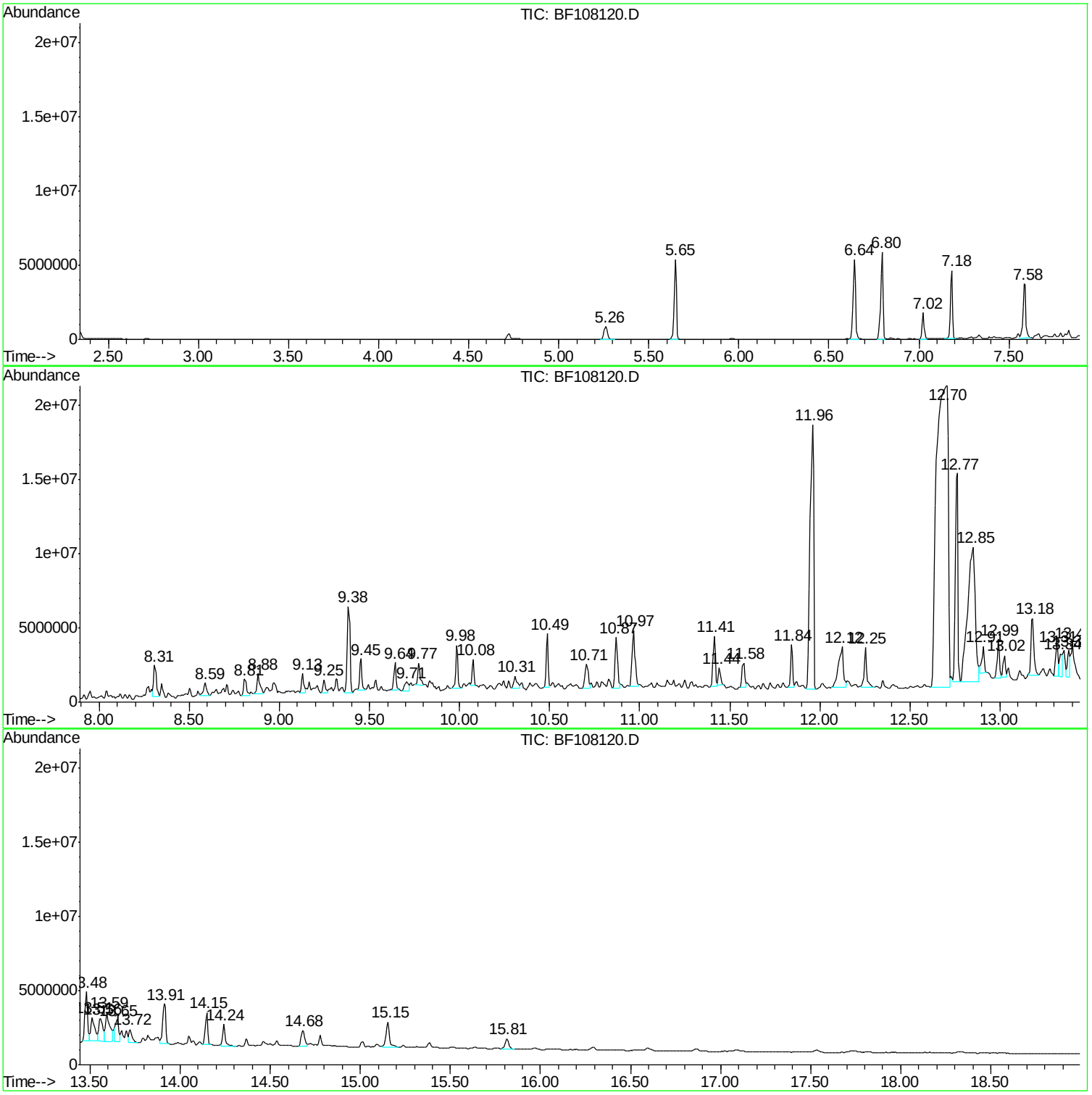
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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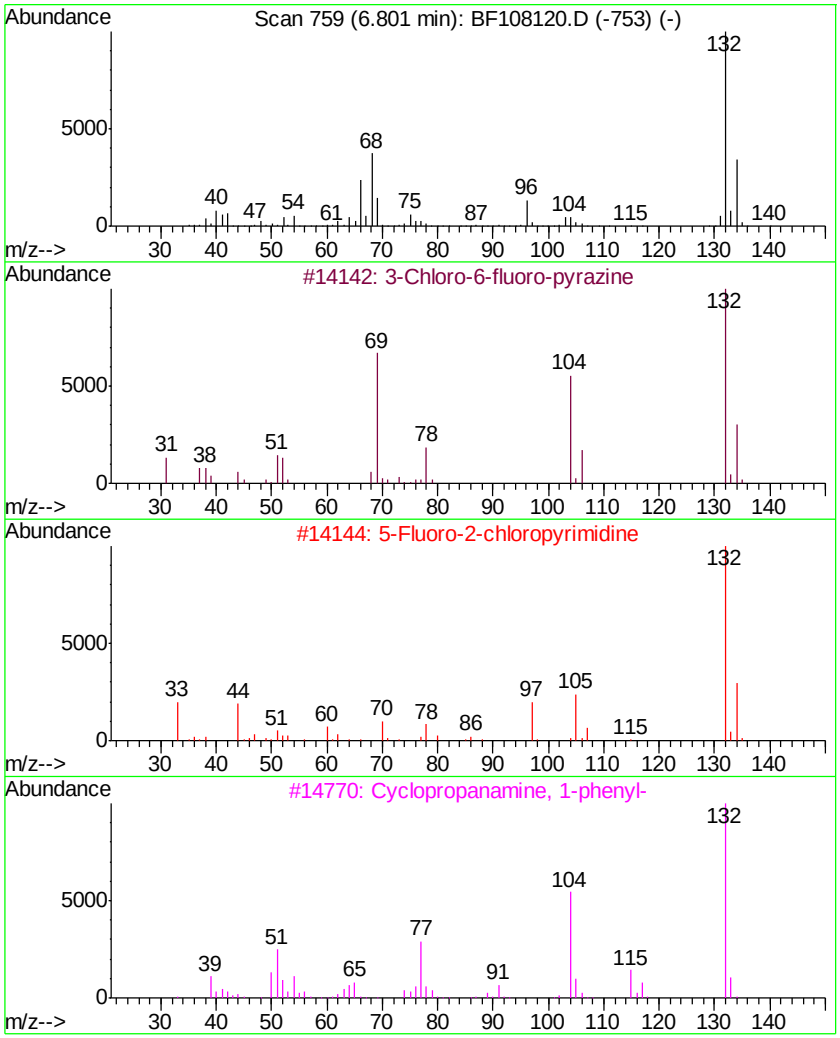
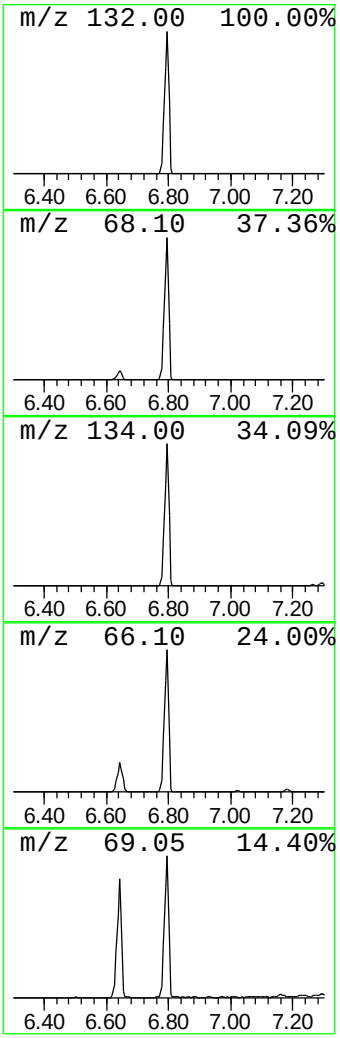
Peak Number 1 unknown6.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	78.43 ng	5524450	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

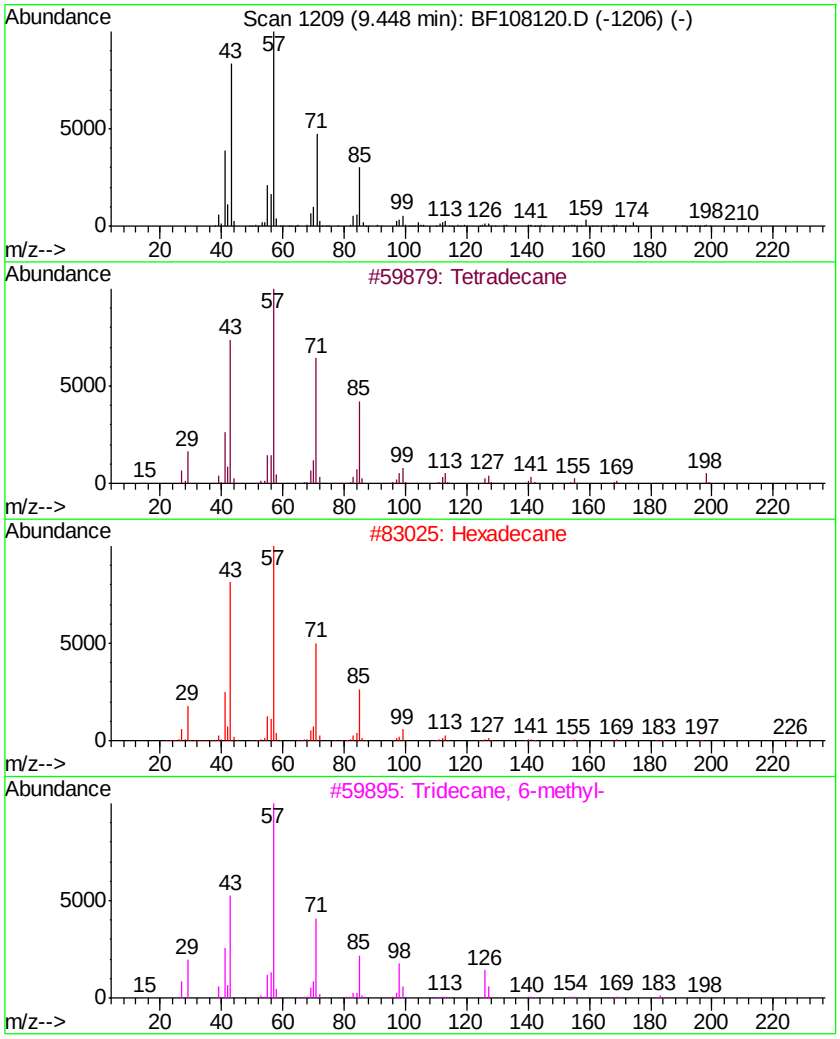
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

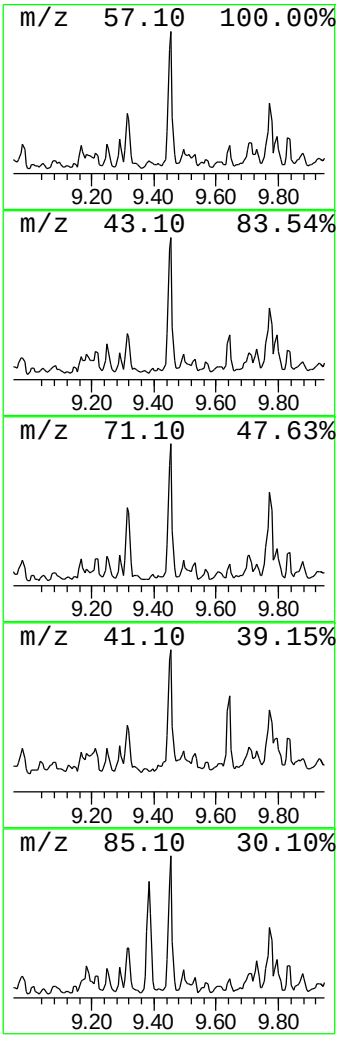
****

Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	28.19 ng	1969910	Acenaphthene-d10	10.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Undecane	156	C11H24	001120-21-4	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
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Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

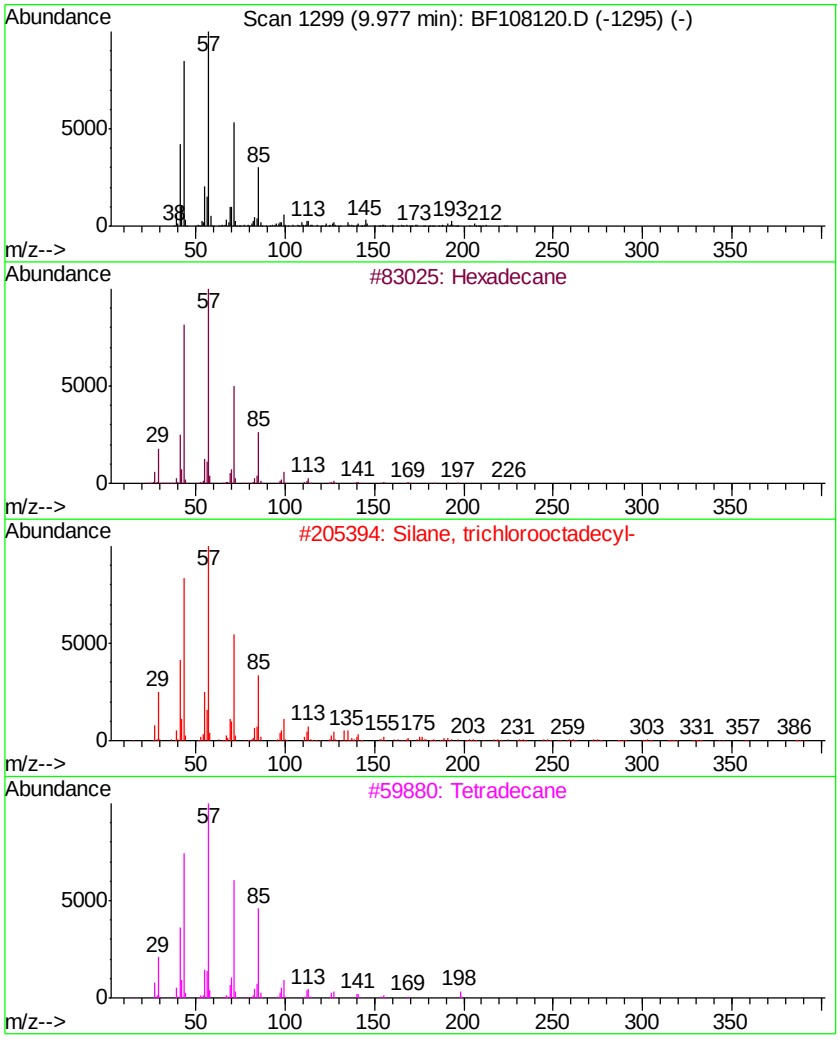
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

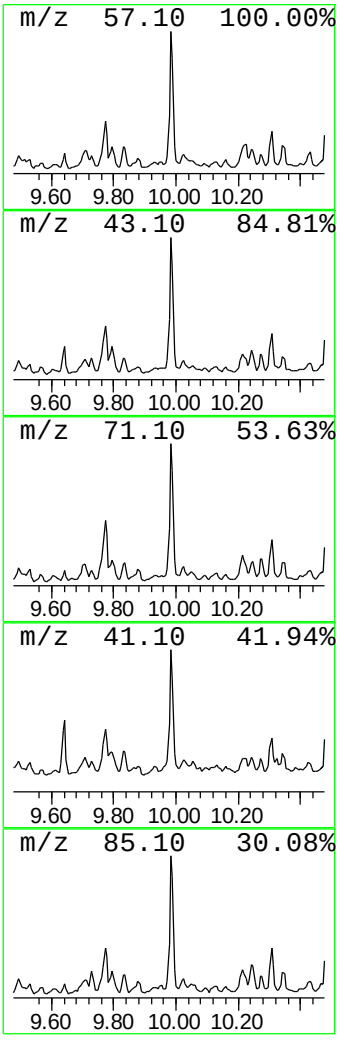
****

Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	37.94 ng	2651260	Acenaphthene-d10	10.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane	184	C13H28	000629-50-5	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
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Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

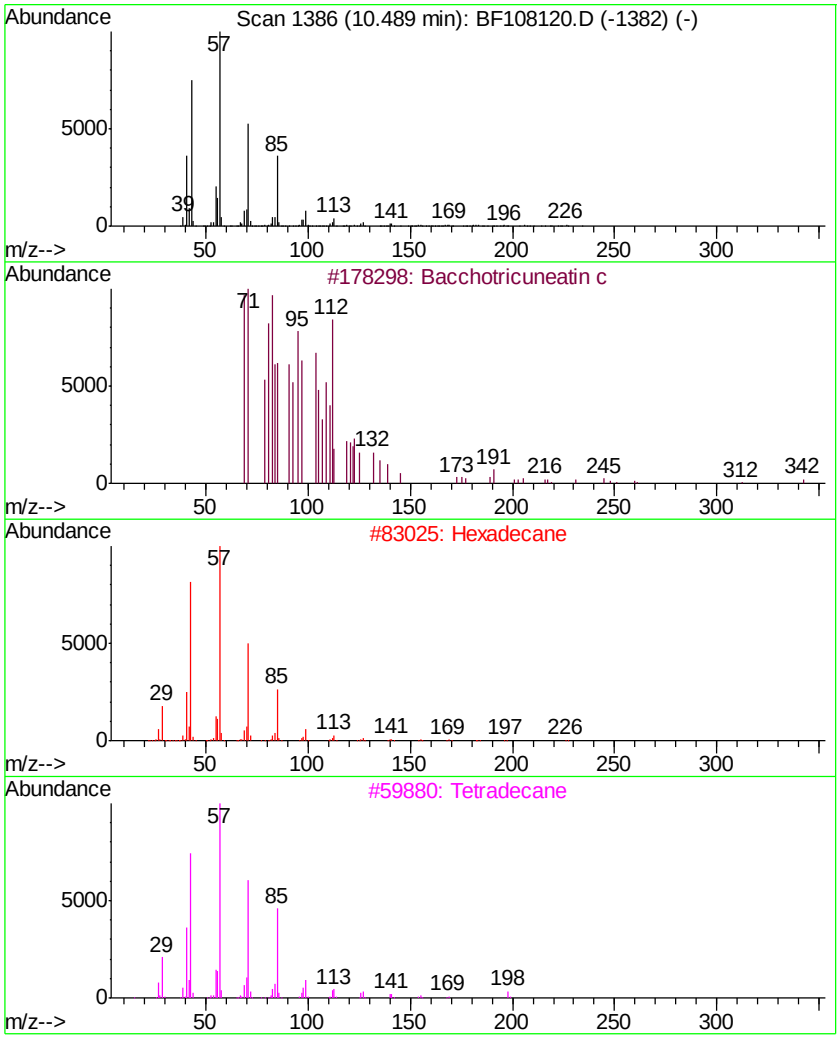
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

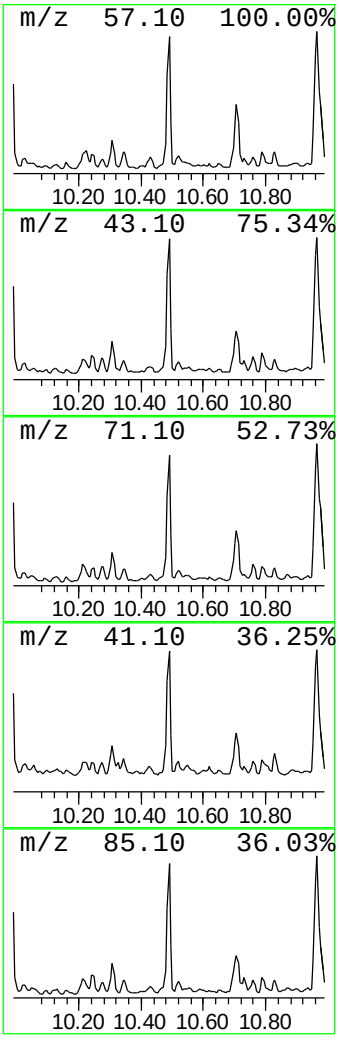
****

Peak Number 5 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	42.98 ng	3003710	Acenaphthene-d10	10.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Hexadecane	226	C16H34	000544-76-3	95
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	83
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80





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Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

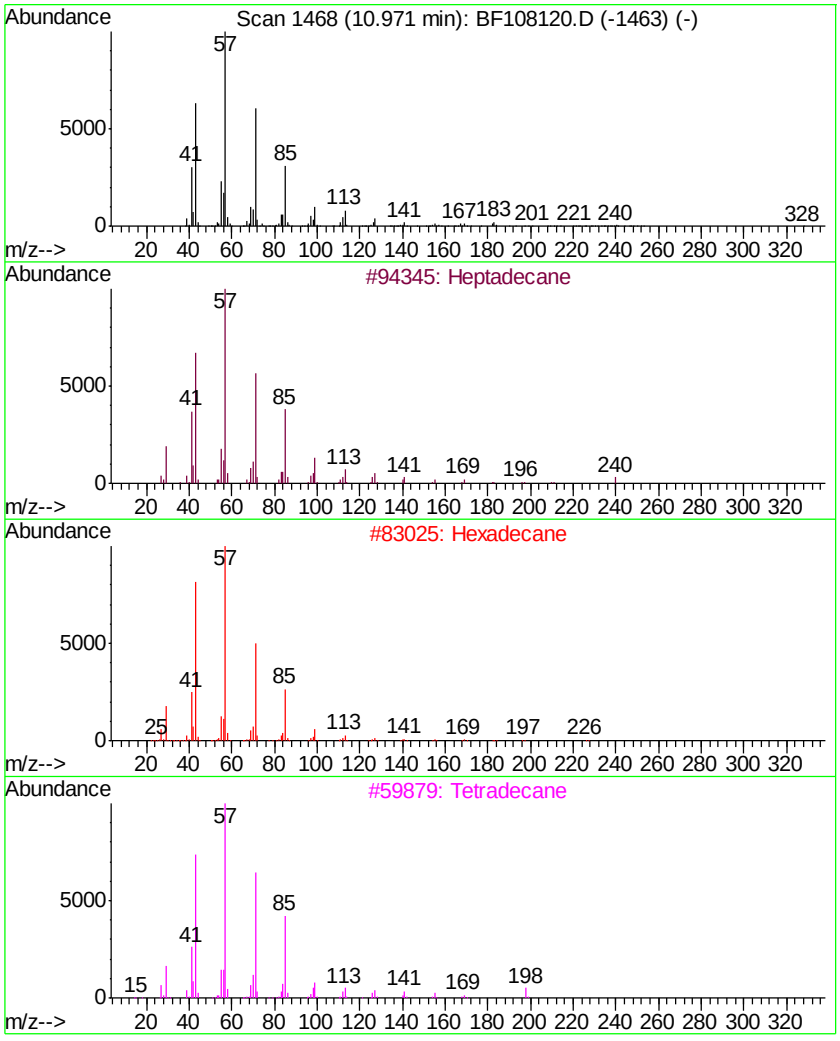
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

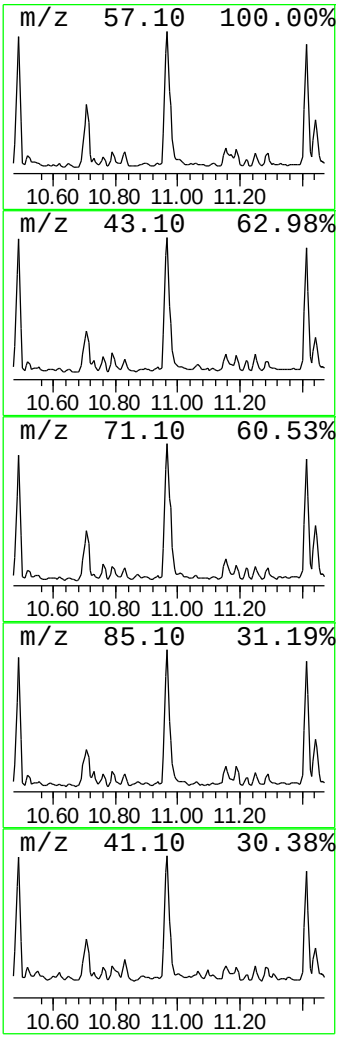
****

Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	56.50 ng	4323790	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Misc :
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Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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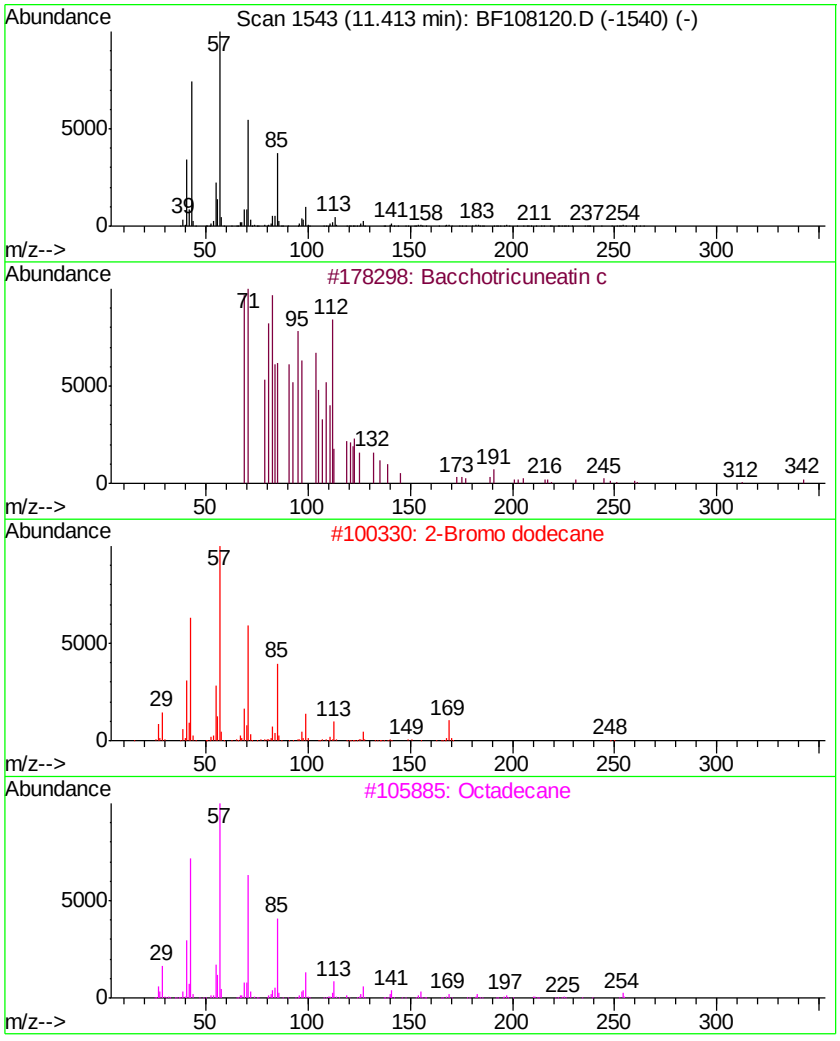
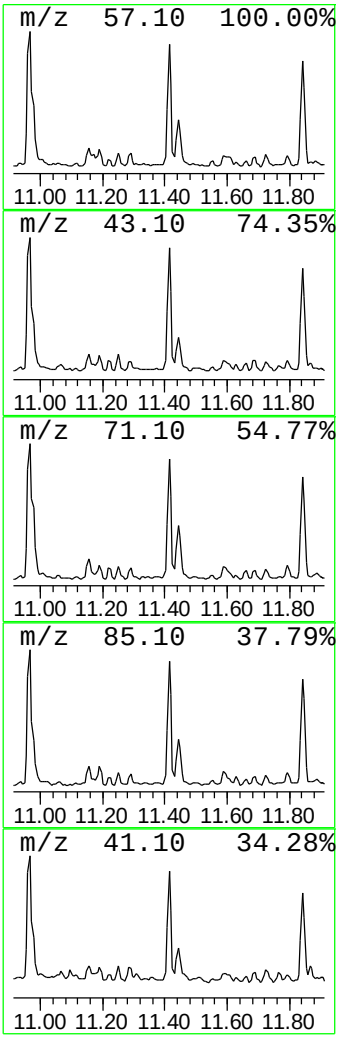
Peak Number 7 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	36.33 ng	2780460	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

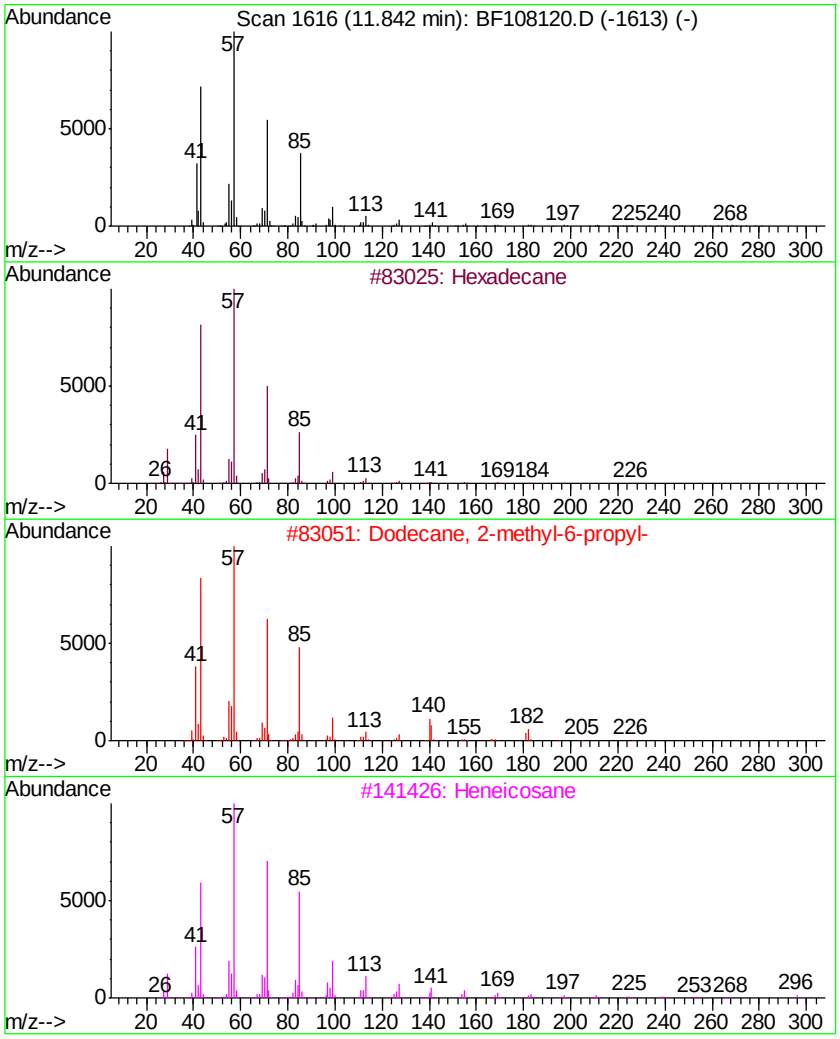
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

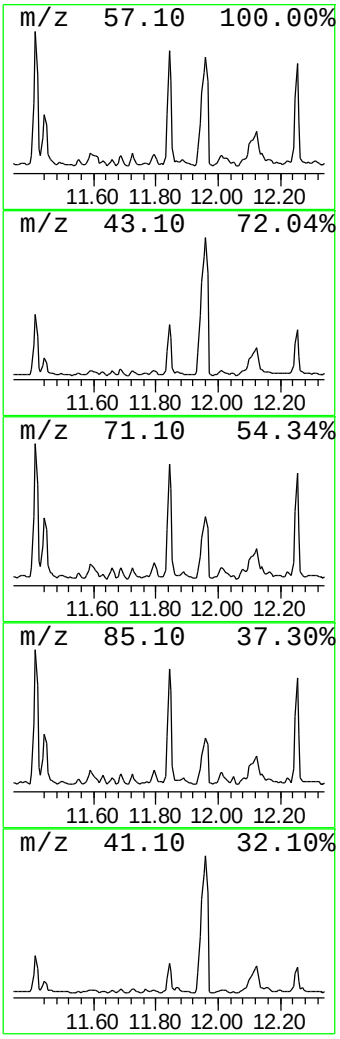
****

Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	32.31 ng	2472840	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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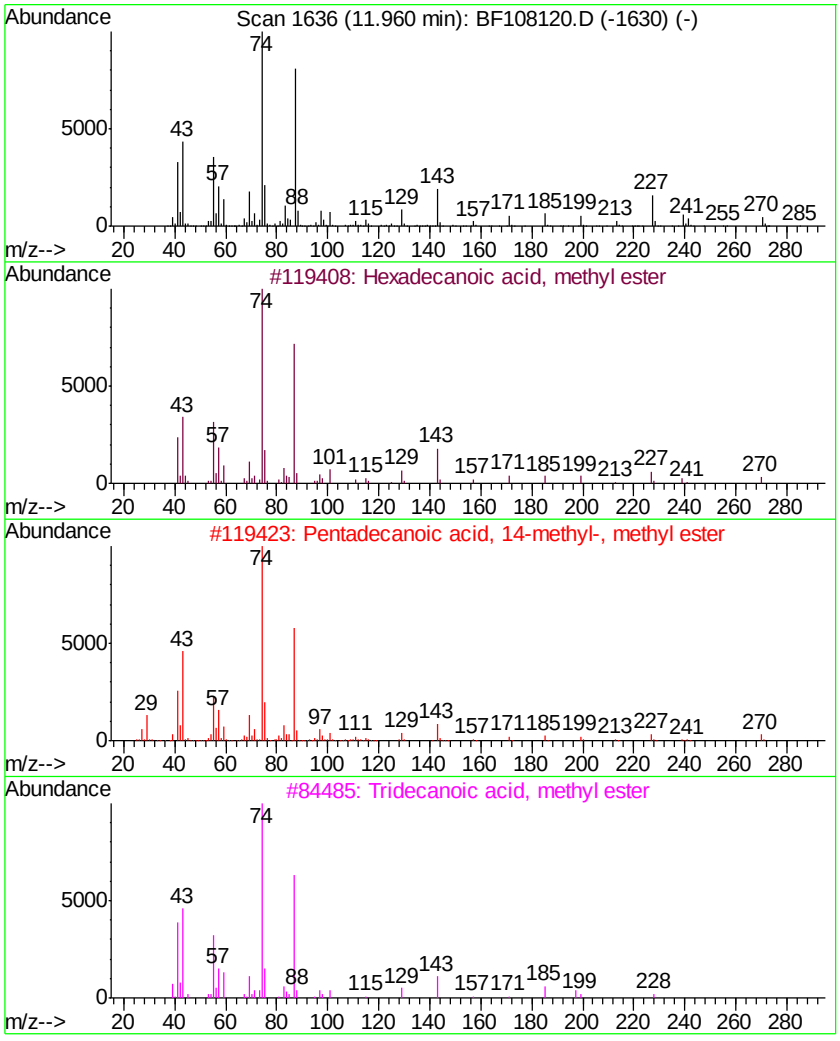
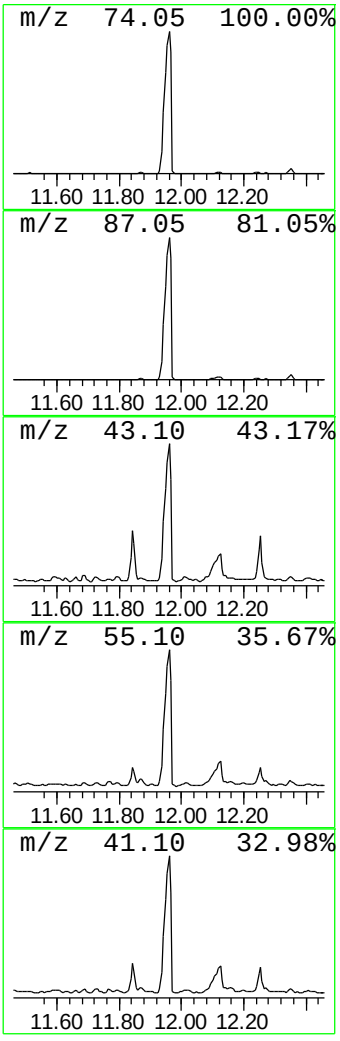
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	318.01 ng	24338000	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	76





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Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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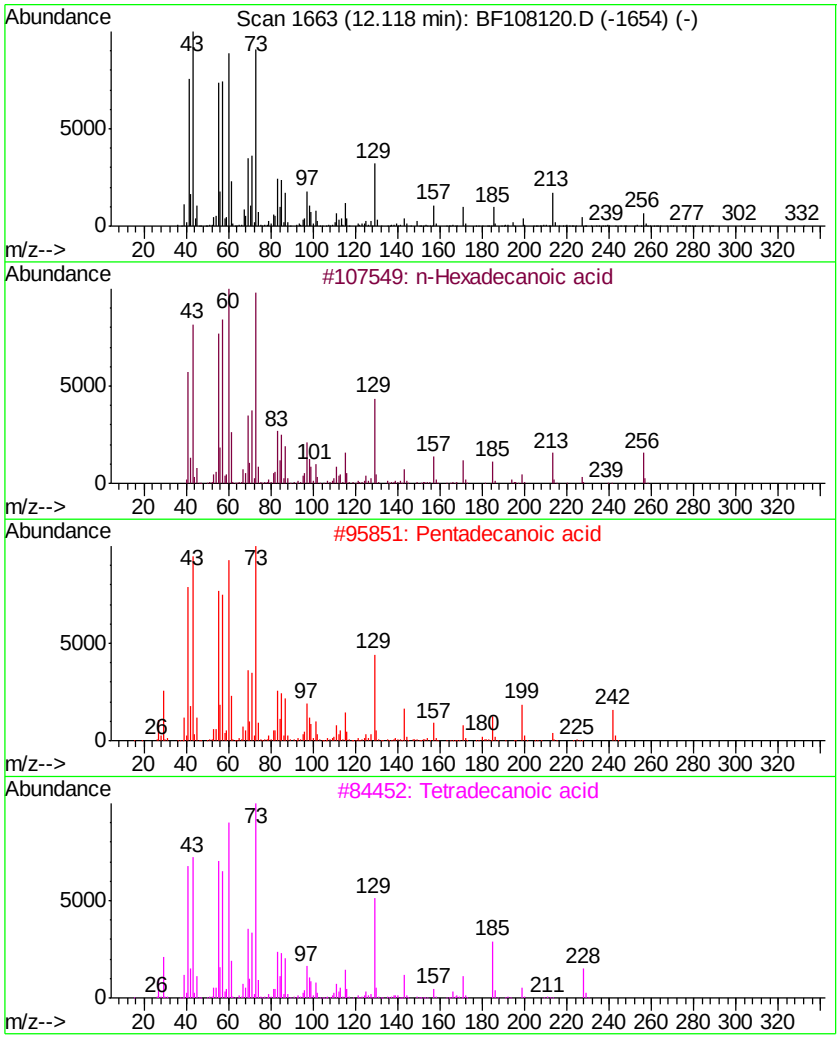
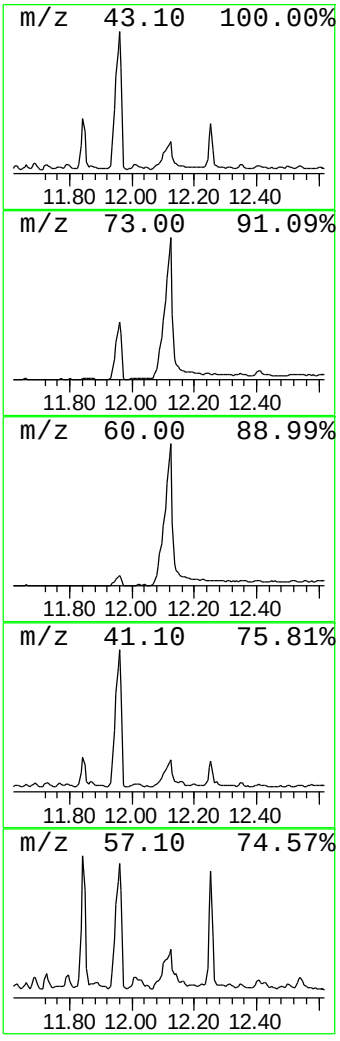
Peak Number 10 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	70.10 ng	5364810	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

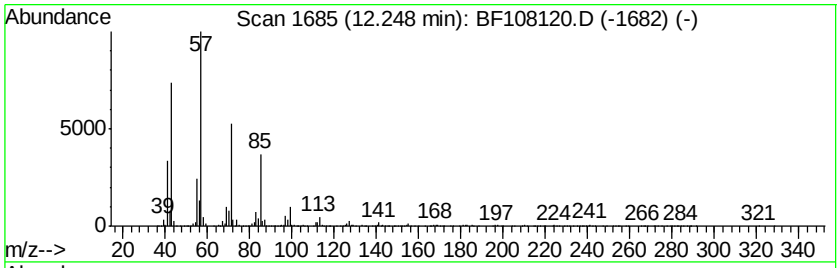
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

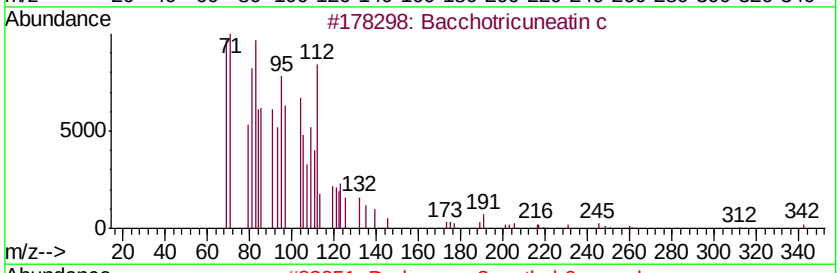
****

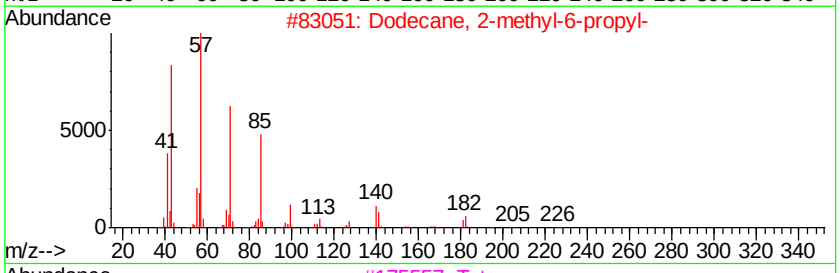
Peak Number 11 Nonadecane Concentration Rank 15

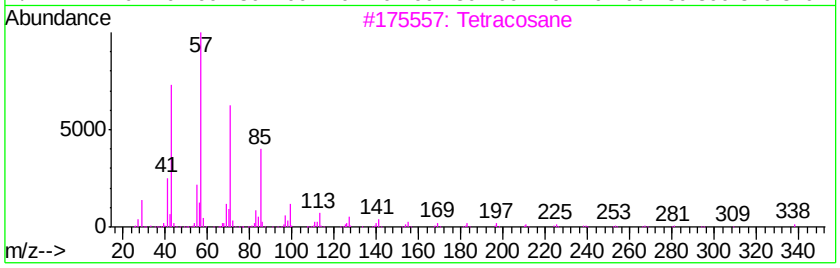
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	35.41 ng	2710300	Phenanthrene-d10	11.58

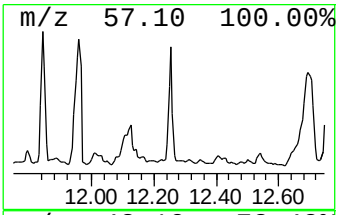
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	86

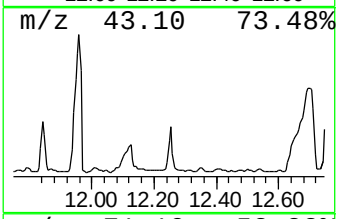


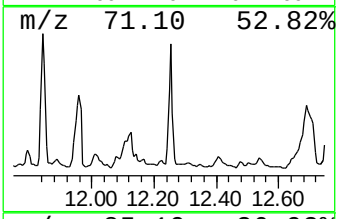


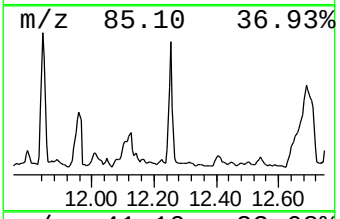


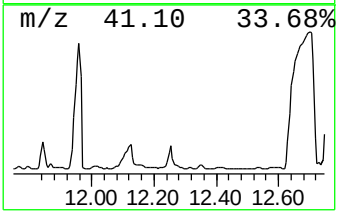












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Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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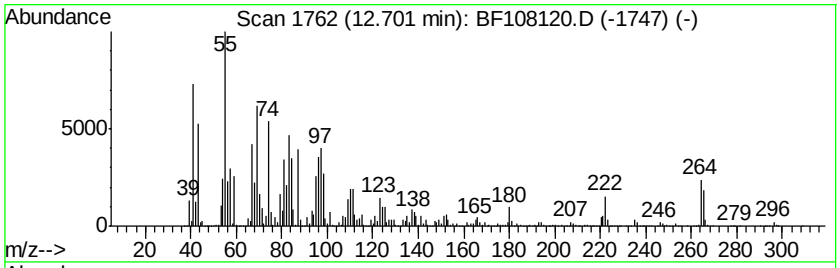
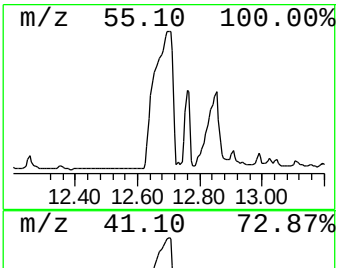
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	1178.24 ng	90174200	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





Library Search Compound Report

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Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

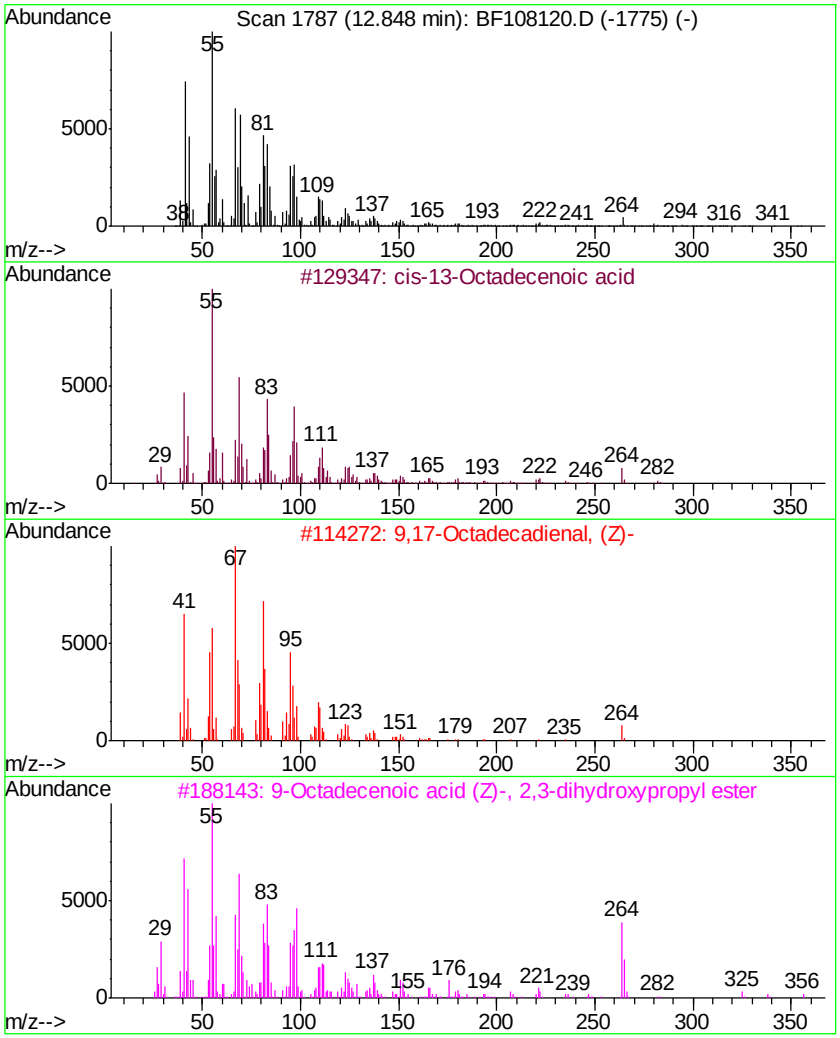
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

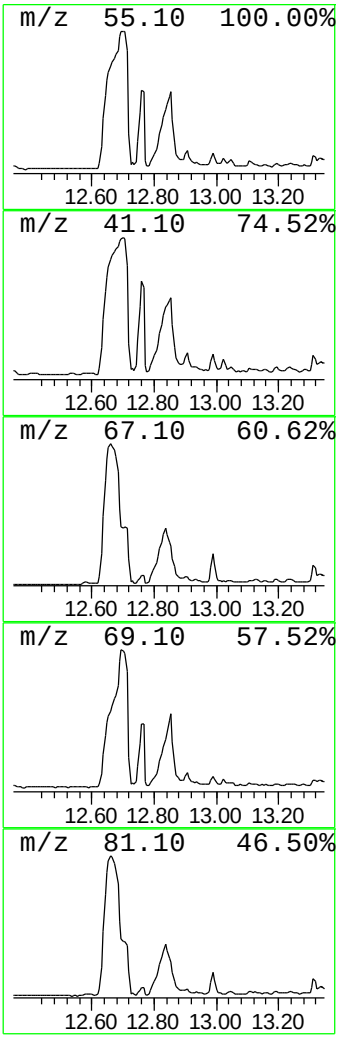
****

Peak Number 13 cis-13-Octadecenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	349.68 ng	26762000	Phenanthrene-d10	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	96
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	94
3	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	91
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	90
5	E-2-Octadecadecen-1-ol	268	C18H36O	1000131-10-2	83





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Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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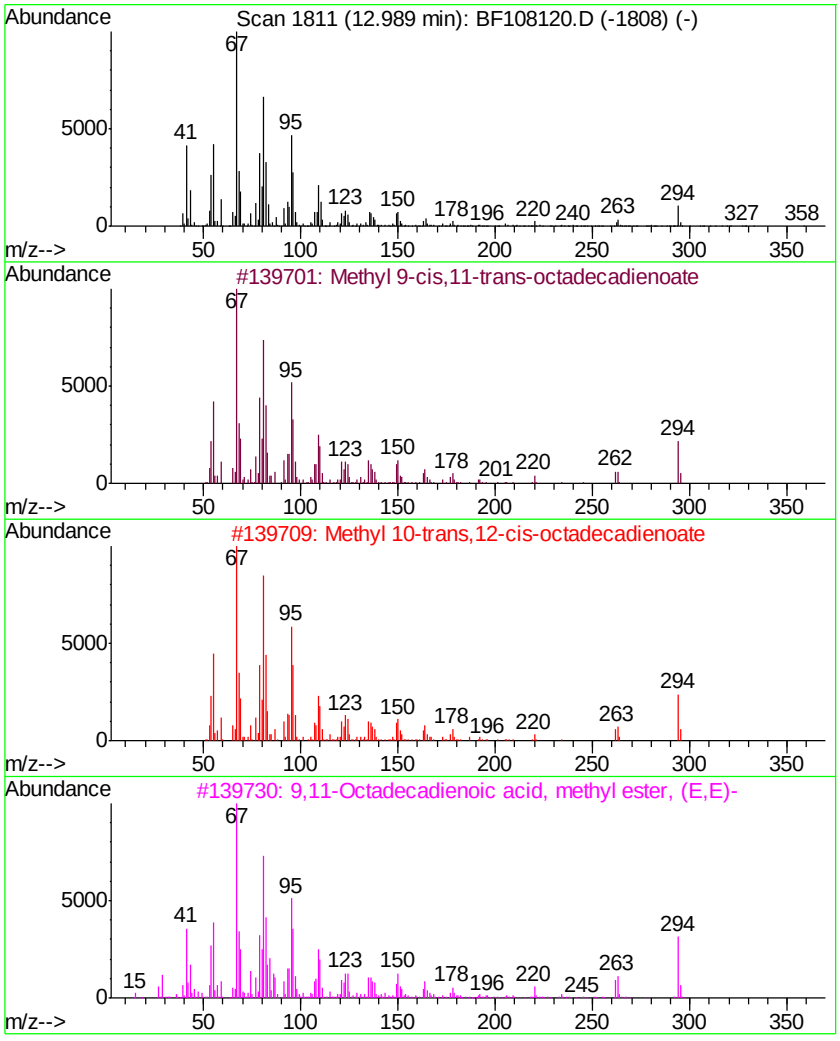
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

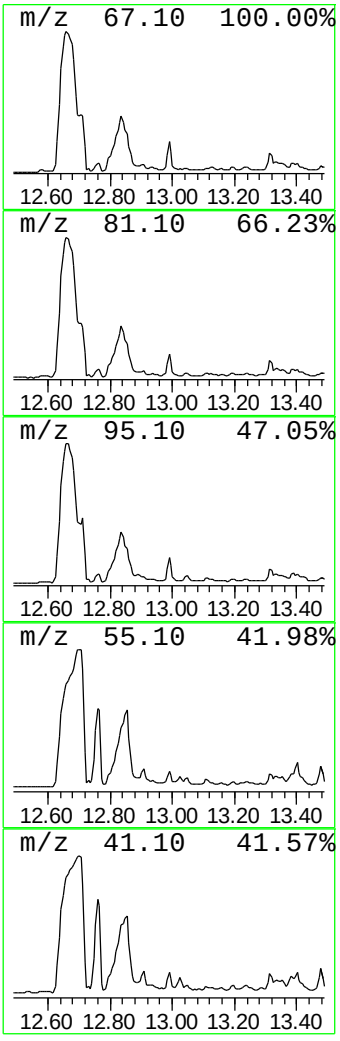
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Methyl 9-cis,11-trans-octad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	27.21 ng	2327120	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	97
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	96





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Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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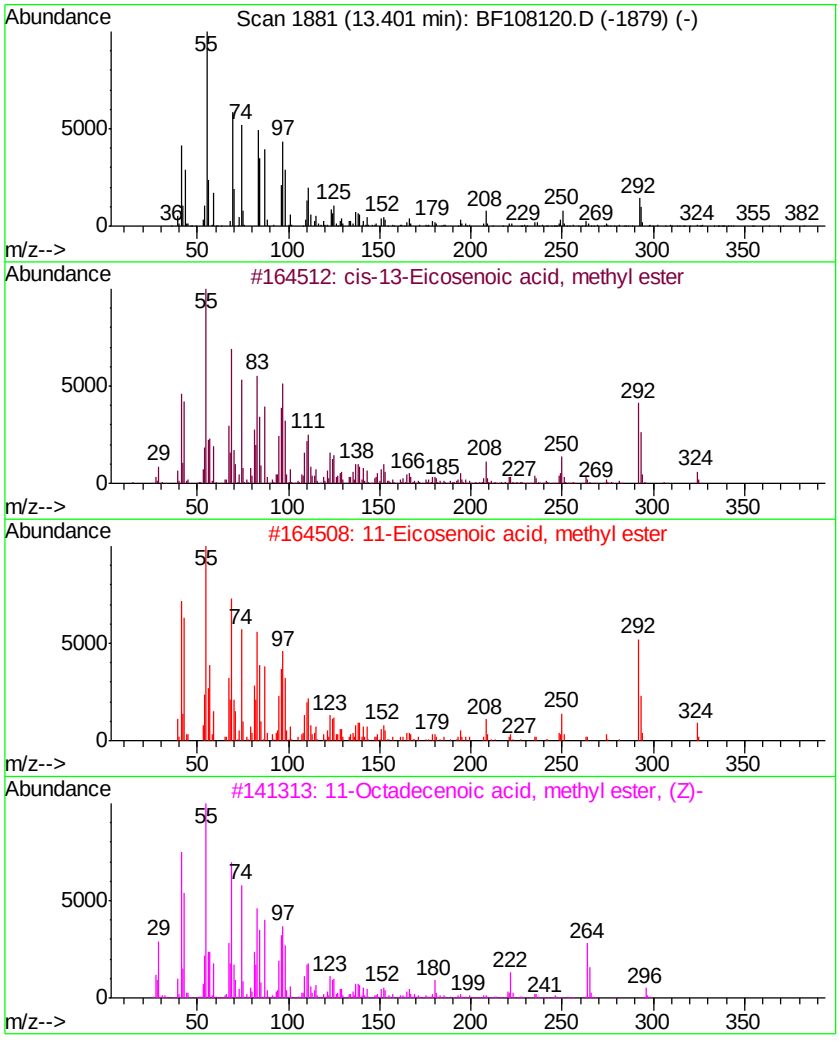
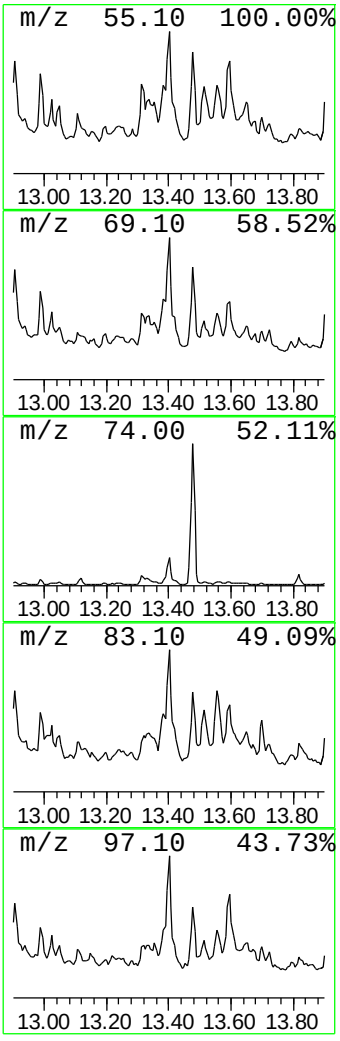
Peak Number 15 cis-13-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	38.58 ng	3299690	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	90
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	90
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	72
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	72
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	59





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Sample : J4274-01
Misc :
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ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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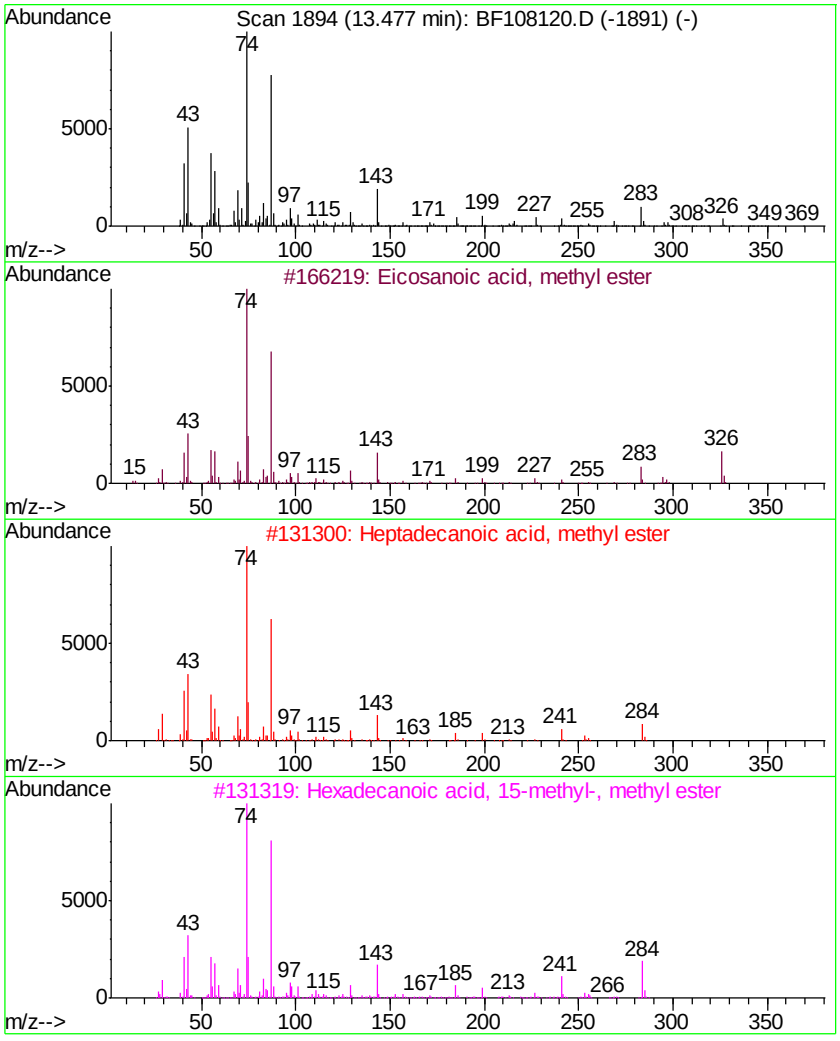
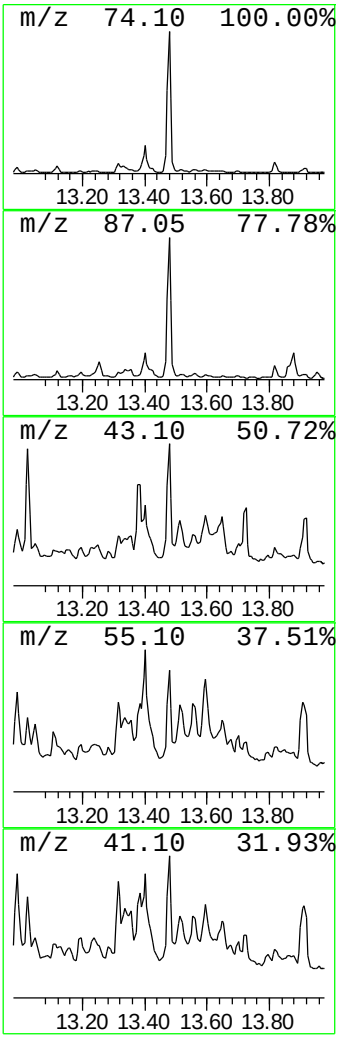
Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	34.68 ng	2965690	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





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Sample : J4274-01
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ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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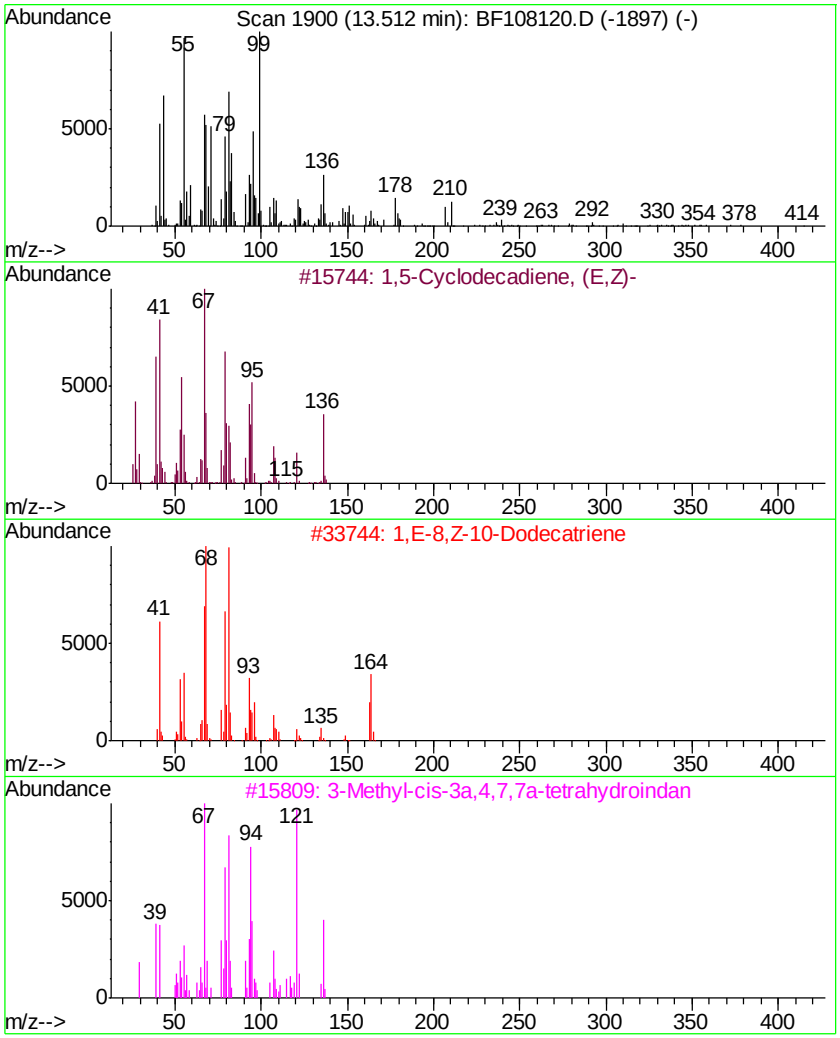
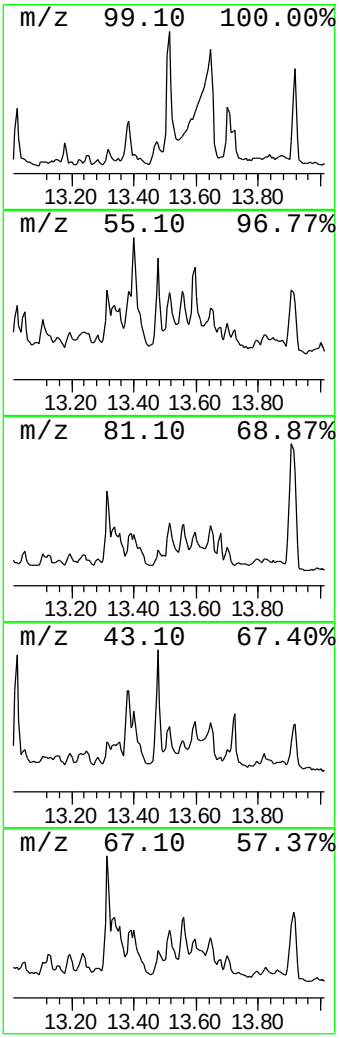
Peak Number 17 unknown13.51 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	28.15 ng	2407870	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	41
2	1,E-8,Z-10-Dodecatriene	164	C12H20	1000098-05-5	38
3	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	38
4	1,E-8,Z-10-Tridecatriene	178	C13H22	080625-30-5	38
5	2H-Benzocyclohepten-2-one, 1,4a,...	178	C12H18O	017429-26-4	38





Library Search Compound Report

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Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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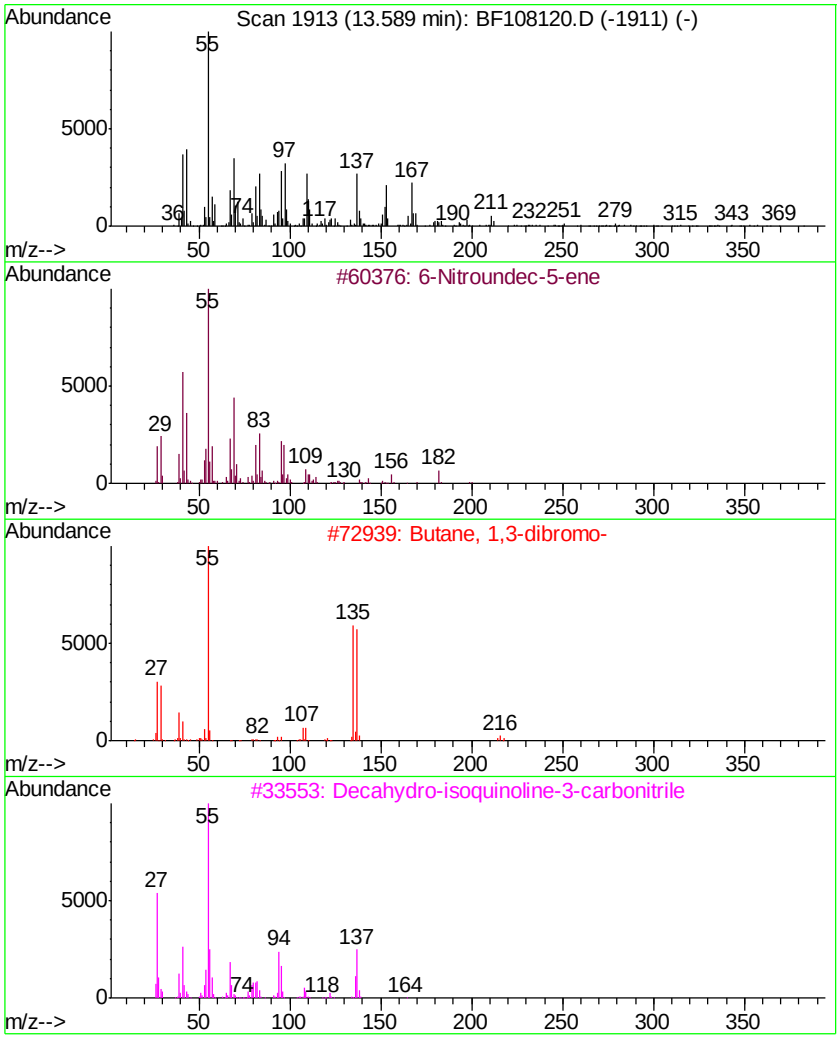
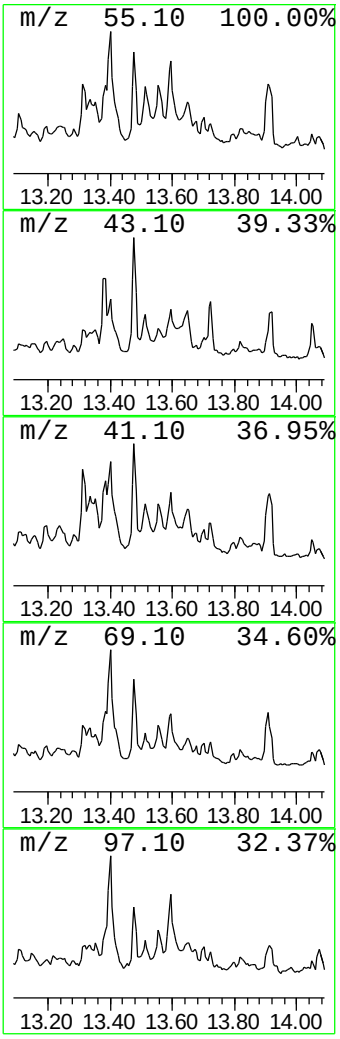
Peak Number 18 unknown13.59 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	37.96 ng	3246360	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	10
2	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	10
3	Decahydro-isoquinoline-3-carboni...	164	C10H16N2	1000188-70-4	10
4	1,11-Dibromoundecane	312	C11H22Br2	016696-65-4	10
5	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	10





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ClientSampleId : HD-01-080918

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TIC Library : C:\DATABASE\NIST11.L
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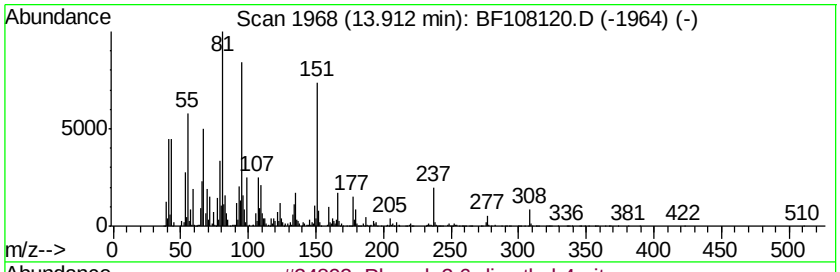
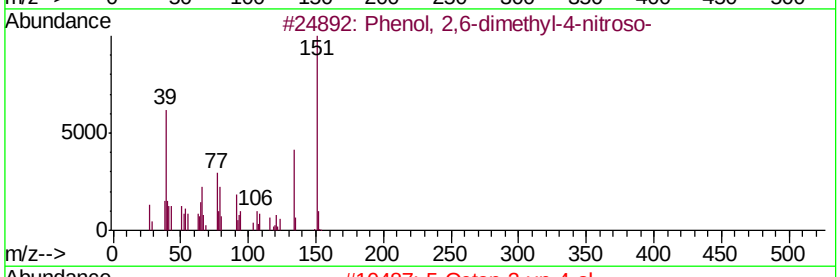
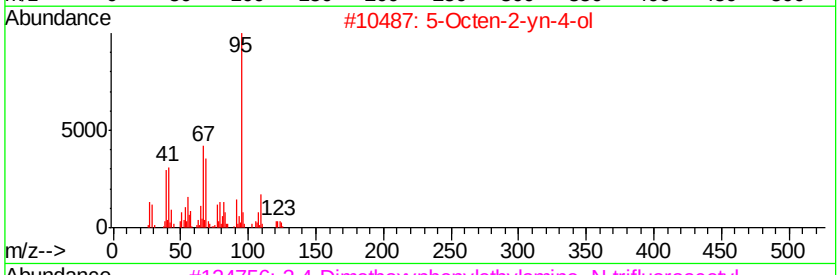
Peak Number 19 unknown13.91 Concentration Rank 10

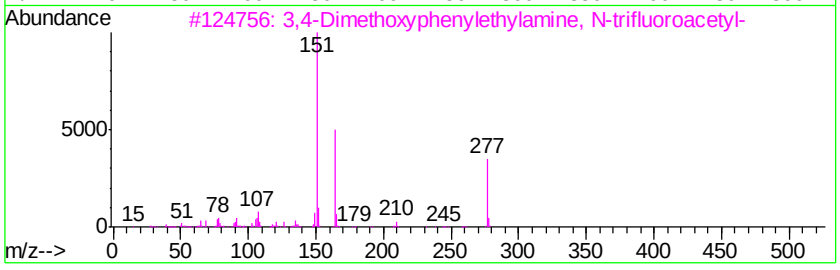
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	41.74 ng	3569780	Chrysene-d12	14.24

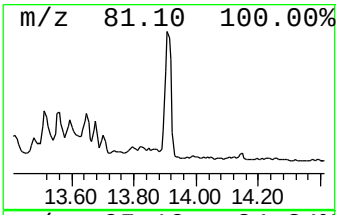
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	22
2	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	20
3	3,4-Dimethoxyphenylethylamine, N...	277	C12H14F3NO3	013230-71-2	11
4	2-n-Heptylfuran	166	C11H18O	003777-71-7	11
5	Butyric acid, 2-(3-oxo-3H-benzo[...	237	C11H11NO3S	1000316-00-8	11

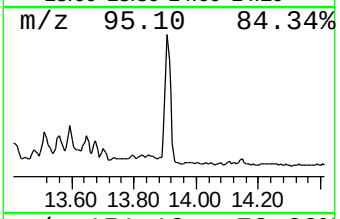


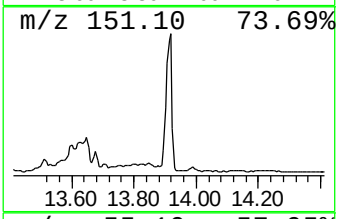


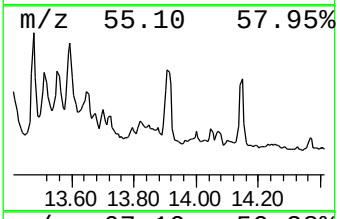


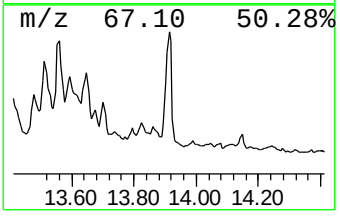












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

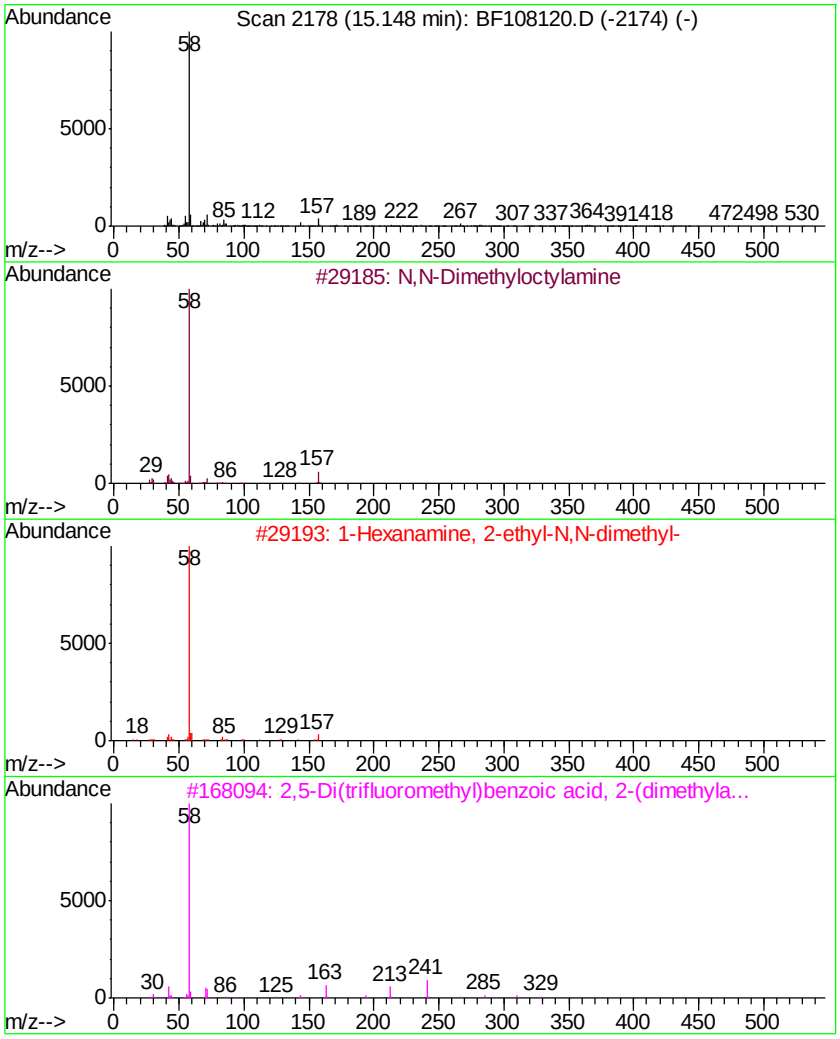
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

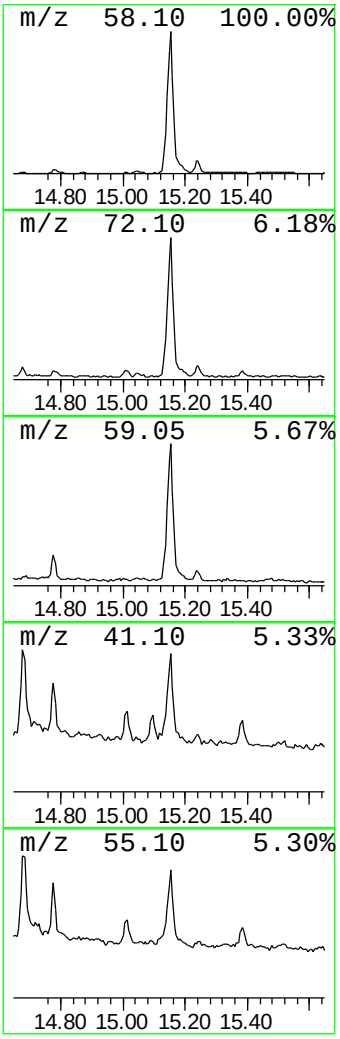
****

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	46.68 ng	2513550	Perylene-d12	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3	2,5-Di(trifluoromethyl)benzoic a...	329	C13H13F6NO2	1000357-36-5	64
4	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
5	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.80	6.80	78.4	ng	5524450	1	7.02	1408840	20.0
Tetradecane	9.45	28.2	ng	1969910	3	10.08	1397610	20.0
Hexadecane	9.98	37.9	ng	2651260	3	10.08	1397610	20.0
Bacchotricuneatin c	10.49	43.0	ng	3003710	3	10.08	1397610	20.0
Heptadecane	10.97	56.5	ng	4323790	4	11.58	1530650	20.0
2-Bromo dodecane	11.41	36.3	ng	2780460	4	11.58	1530650	20.0
Dodecane, 2-methy...	11.84	32.3	ng	2472840	4	11.58	1530650	20.0
Hexadecanoic acid...	11.96	318.0	ng	24338000	4	11.58	1530650	20.0
n-Hexadecanoic acid	12.12	70.1	ng	5364810	4	11.58	1530650	20.0
Nonadecane	12.25	35.4	ng	2710300	4	11.58	1530650	20.0
9-Octadecenoic ac...	12.70	1178.2	ng	90174200	4	11.58	1530650	20.0
cis-13-Octadeceno...	12.85	349.7	ng	26762000	4	11.58	1530650	20.0
Methyl 9-cis,11-t...	12.99	27.2	ng	2327120	5	14.24	1710540	20.0
cis-13-Eicosenoic...	13.40	38.6	ng	3299690	5	14.24	1710540	20.0
Eicosanoic acid, ...	13.48	34.7	ng	2965690	5	14.24	1710540	20.0
unknown13.51	13.51	28.1	ng	2407870	5	14.24	1710540	20.0
unknown13.59	13.59	38.0	ng	3246360	5	14.24	1710540	20.0
unknown13.91	13.91	41.7	ng	3569780	5	14.24	1710540	20.0
N,N-Dimethyloctyl...	15.15	46.7	ng	2513550	6	15.82	1076940	20.0