LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

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-BF090518.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	5.337	506	510	514	rBV	1892409	1667624	9.73%	2.197%
2	6.360	680	684	688	rBV	1900426	1726362	10.08%	2.274%
3	6.501	704	708	711	rBV	2162491	1780431	10.39%	2.345%
4	6.736	744	748	751	rBV	1652413	1277922	7.46%	1.683%
5	6.889	771	774	778	rBV	1646912	1431994	8.36%	1.886%
6	7.289	836	842	845	rBV	1389330	1147511	6.70%	1.511%
7	8.019	962	966	969	rBV	2003863	1715141	10.01%	2.259%
8	8.319	1012	1017	1020	rVB5	115354	173999	1.02%	0.229%
9	8.525	1049	1052	1055	rBV2	271894	239562	1.40%	0.316%
10	8.625	1064	1069	1071	rBV2	223550	238492	1.39%	0.314%
11	8.719	1080	1085	1091	rVB6	102369	185838	1.08%	0.245%
12	8.842	1100	1106	1108	rBV2	266513	266077	1.55%	0.350%
13	9.089	1145	1148	1154	rVB	2452415	1999800	11.67%	2.634%
14	9.189	1161	1165	1168	rBV	321713	304672	1.78%	0.401%
15	9.242	1168	1174	1177	rBV2	162741	221545	1.29%	0.292%
16	9.354	1188	1193	1195	rBV5	149802	205904	1.20%	0.271%
17	9.483	1212	1215	1218	rBV	463866	409291	2.39%	0.539%
18	9.713	1252	1254	1257	rVB	475595	366935	2.14%	0.483%
19	9.766	1258	1263	1267	rVV2	1958191	1674643	9.77%	2.206%
20	9.954	1290	1295	1297	rBV4	111794	195340	1.14%	0.257%
21	10.213	1336	1339	1342	rVB	591042	430547	2.51%	0.567%
22	10.430	1372	1376	1379	rBV	222762	246651	1.44%	0.325%
23	10.548	1393	1396	1400	rVB	991061	888362	5.18%	1.170%
24	10.683	1416	1419	1421	rBV	674800	589420	3.44%	0.776%
25	11.130	1492	1495	1498	rBV	588857	454843	2.65%	0.599%
26	11.160	1498	1500	1507	rVB	237726	251779	1.47%	0.332%
27	11.242	1510	1514	1517	rBV	1592366	1289135	7.52%	1.698%
28	11.554	1564	1567	1569	rBV	525796	428407	2.50%	0.564%
29	11.654	1580	1584	1588	rVB	6616889	6063323	35.39%	7.986%
30	11.789	1603	1607	1610	rBV	853976	811519	4.74%	1.069%
31	11.960	1633	1636	1641	rVB	428176	425262	2.48%	0.560%
32	12.348	1696	1702	1704	rBV	10597091	17133710	100.00%	22.568%
33	12.371	1704	1706	1711	rVV2	10738689	10341877	60.36%	13.622%
34	12.442	1715	1718	1721	rBV	3631949	3216288	18.77%	4.236%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.477	1721	1724	1726	rVV	940369	1096982	6.40%	1.445%
36	12.501	1726	1728	1735	rVV	1313862	1556239	9.08%	2.050%
37	12.571	1737	1740	1746	rVB	912329	915897	5.35%	1.206%
38	12.677	1755	1758	1762	rVB	591537	553778	3.23%	0.729%
39	12.718	1762	1765	1768	rBV	288677	240029	1.40%	0.316%
40	12.824	1780	1783	1786	rBV	1677076	1354436	7.91%	1.784%
41	13.001	1809	1813	1814	rBV	487223	466038	2.72%	0.614%
42	13.071	1822	1825	1826	rBV	354757	312097	1.82%	0.411%
43	13.165	1838	1841	1842	rBV	471853	388934	2.27%	0.512%
44	13.224	1848	1851	1856	rVB3	306170	325010	1.90%	0.428%
45	13.365	1873	1875	1880	rVB2	289737	268091	1.56%	0.353%
46	13.413	1880	1883	1886	rVB	211447	185296	1.08%	0.244%
47	13.577	1908	1911	1915	rVB2	198659	277797	1.62%	0.366%
48	13.742	1936	1939	1942	rBV	211424	210150	1.23%	0.277%
49	13.830	1951	1954	1957	rBV	376661	341608	1.99%	0.450%
50	13.865	1957	1960	1963	rVV	1443041	1415729	8.26%	1.865%
51	14.054	1990	1992	1995	rVB	225706	197816	1.15%	0.261%
52	14.360	2042	2044	2049	rVB	313711	314928	1.84%	0.415%
53	14.660	2092	2095	2101	rVB	454251	498614	2.91%	0.657%
54	14.759	2108	2112	2120	rVB	749305	1133667	6.62%	1.493%
55	14.977	2146	2149	2156	rVB	680271	754147	4.40%	0.993%
56	15.277	2196	2200	2204	rVV	1112621	1311850	7.66%	1.728%
57	15.336	2206	2210	2214	rVB	687987	886574	5.17%	1.168%
58	15.742	2276	2279	2284	rVB	562651	715800	4.18%	0.943%
59	15.959	2313	2316	2323	rVB2	262033	398717	2.33%	0.525%

Sum of corrected areas: 75920430

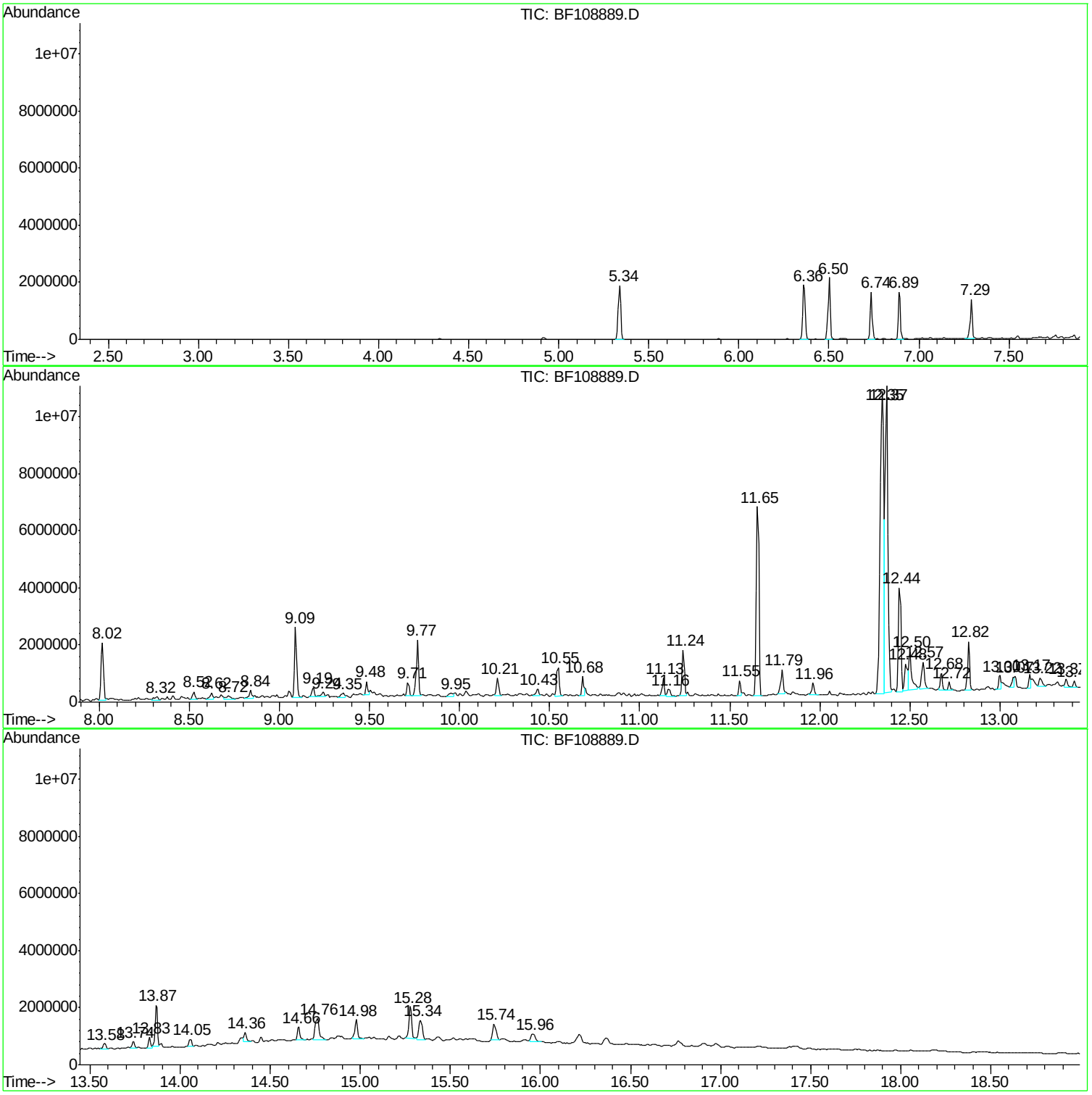
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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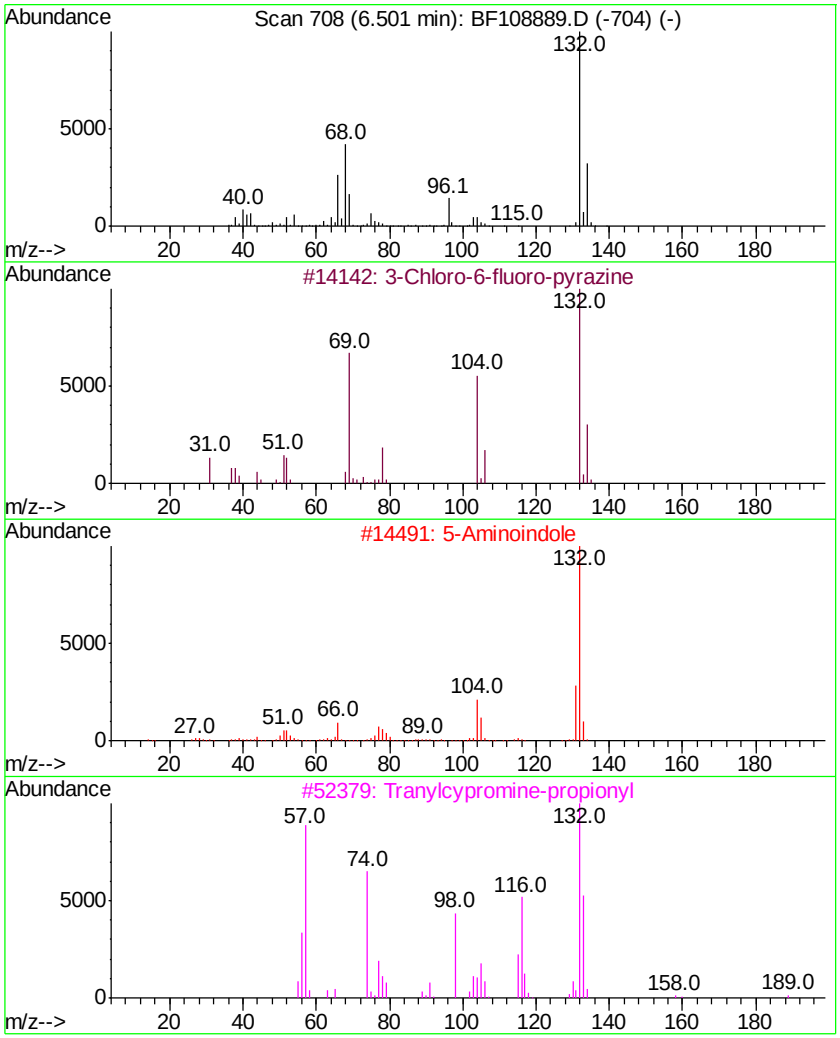
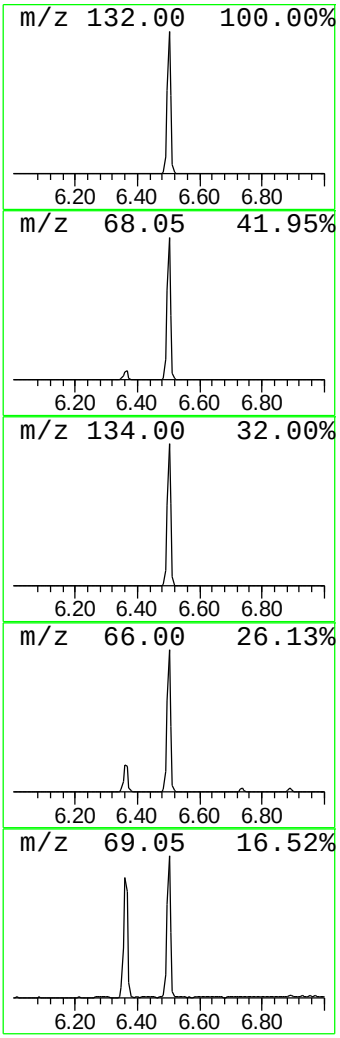
Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	27.86 ng	1780430	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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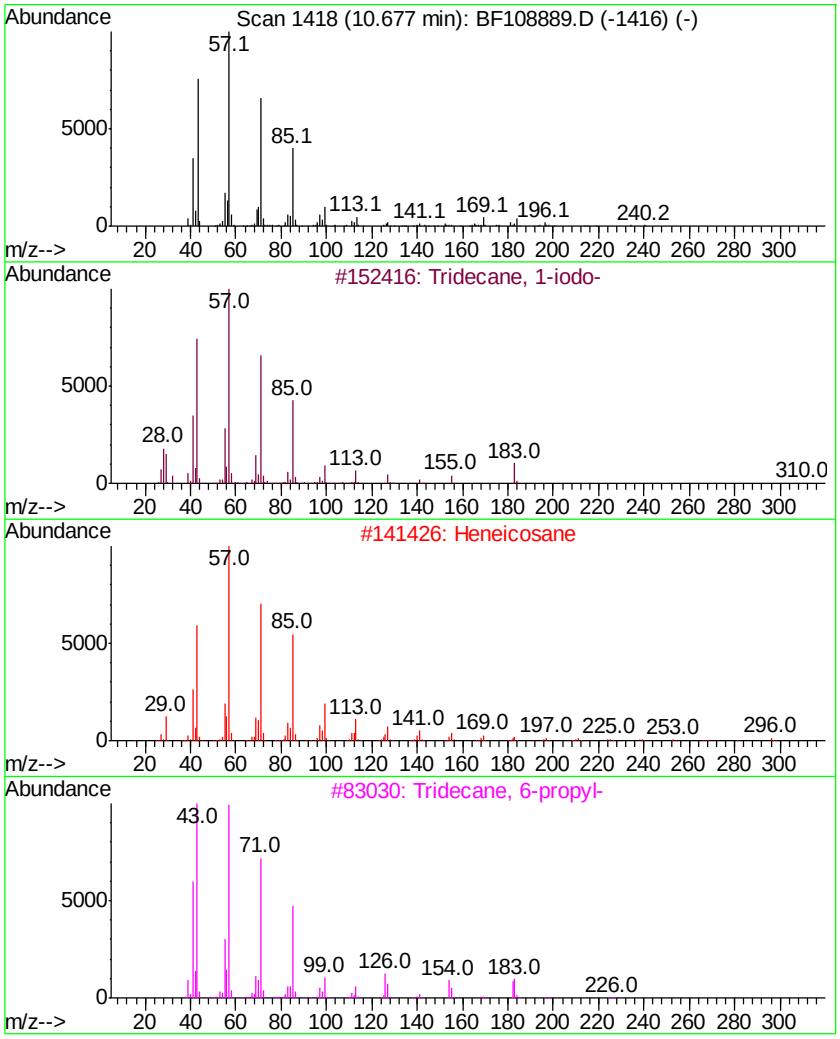
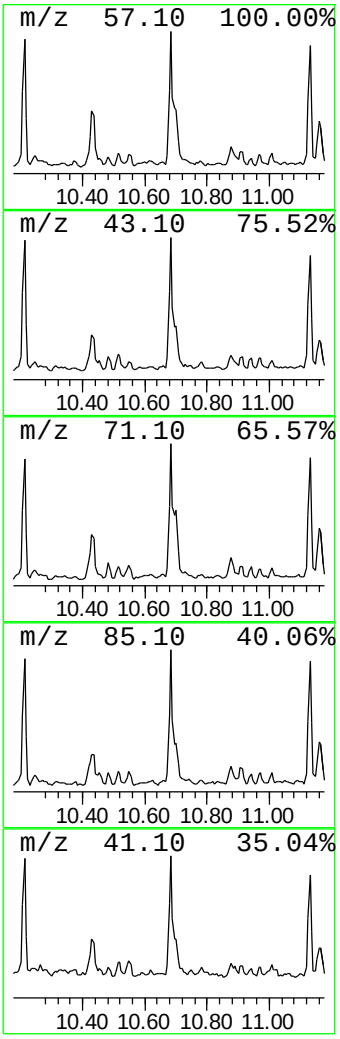
Peak Number 3 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.14 ng	589420	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Nonadecane	268	C19H40	000629-92-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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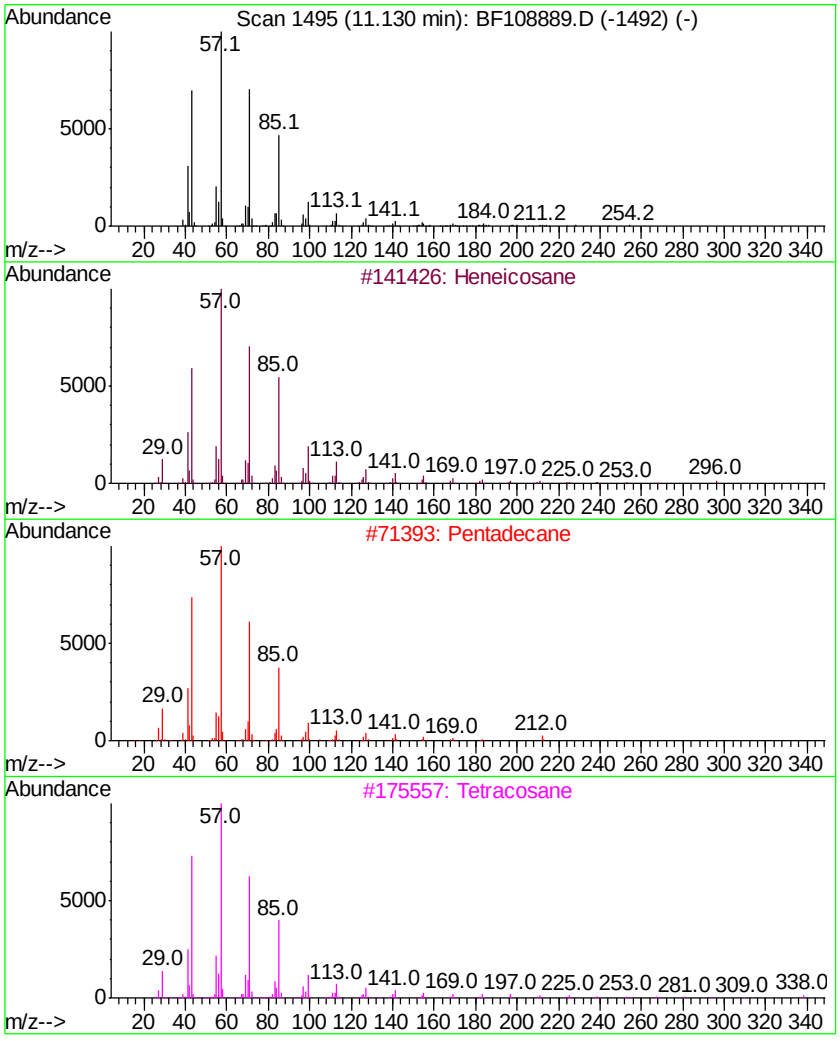
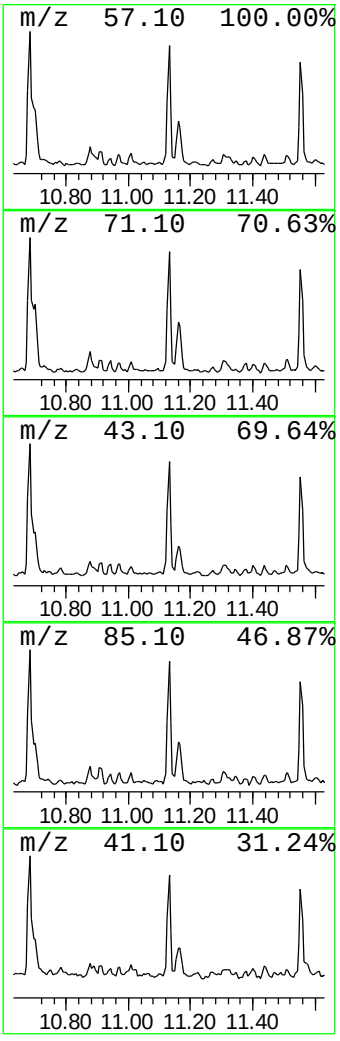
Peak Number 4 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.06 ng	454843	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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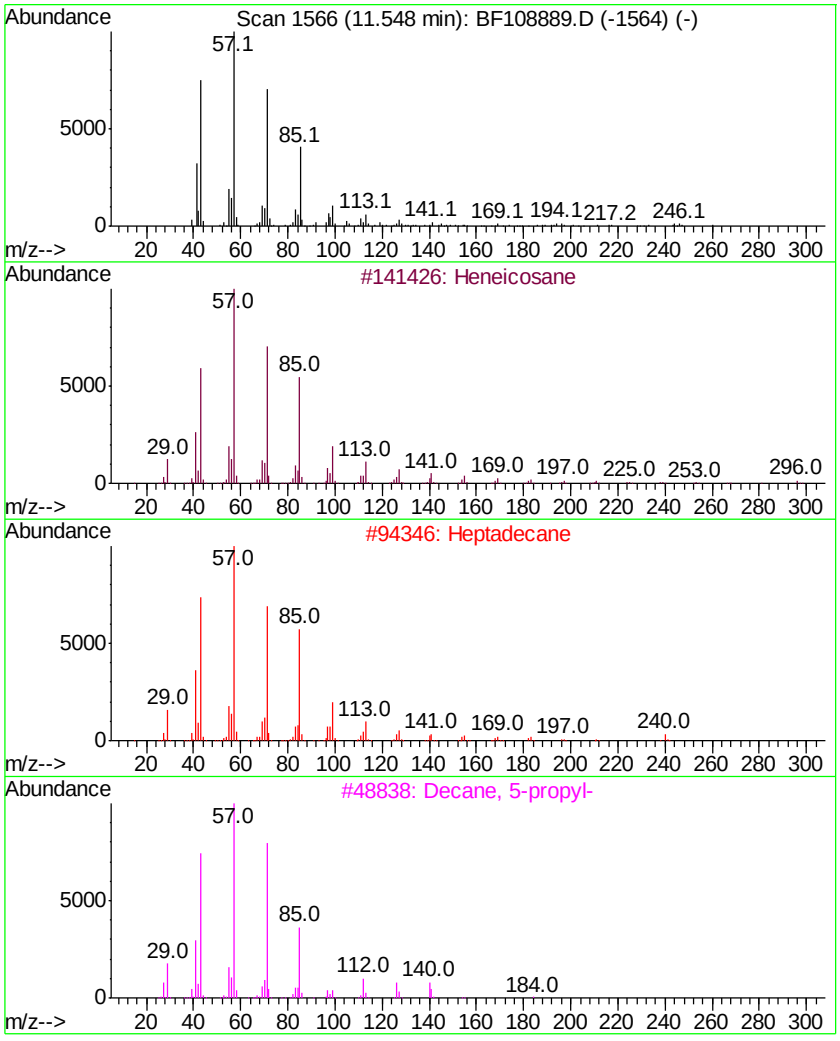
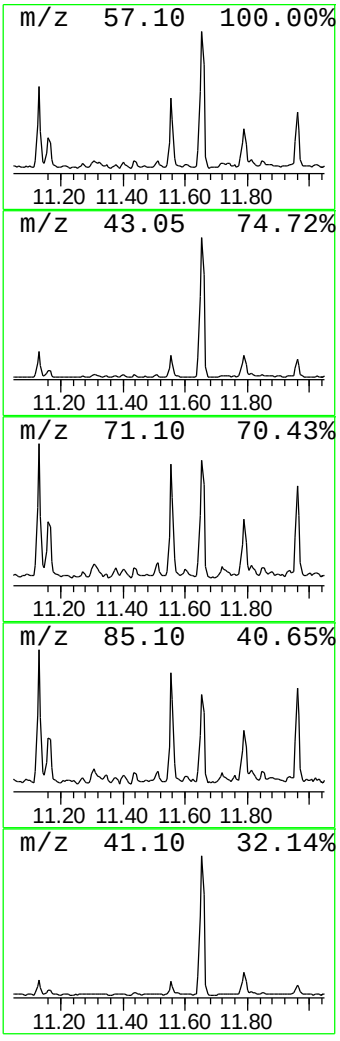
Peak Number 5 Decane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	6.65 ng	428407	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Decane, 5-propyl-	184	C13H28	017312-62-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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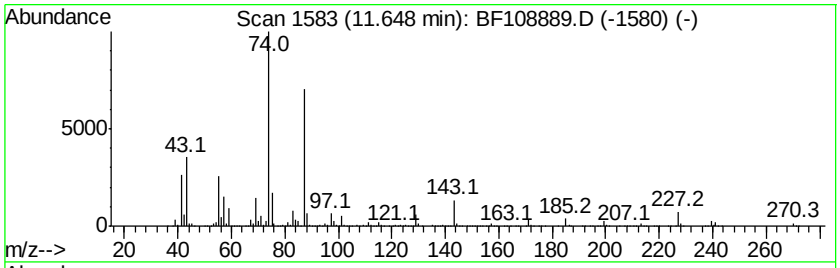
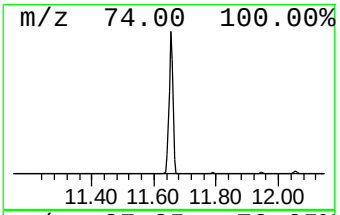
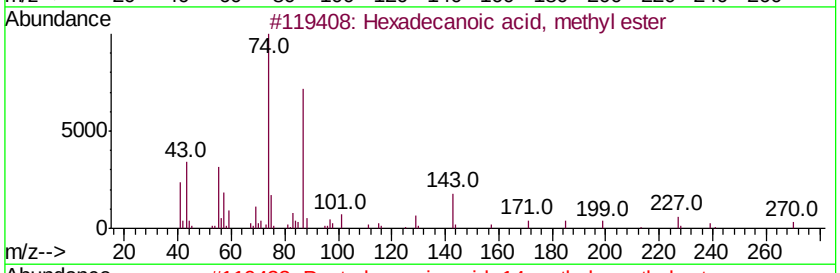
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

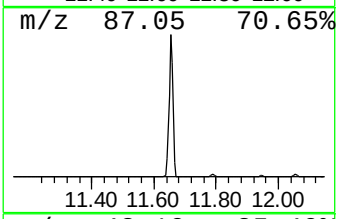
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	94.07 ng	6063320	Phenanthrene-d10	11.24

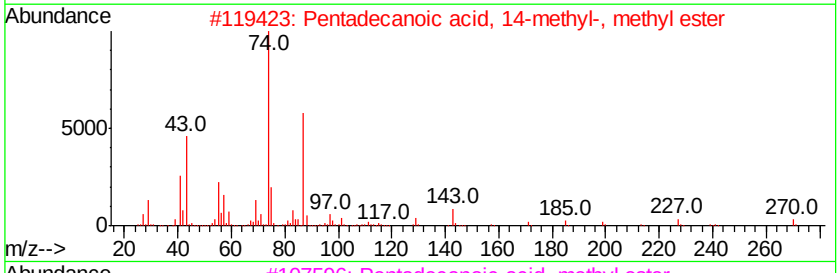
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80

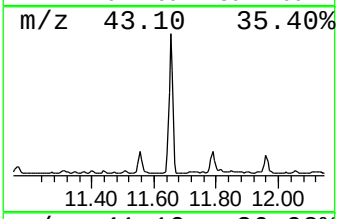


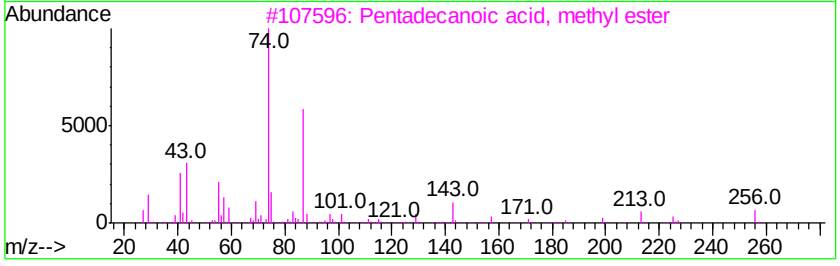


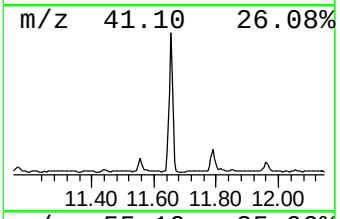


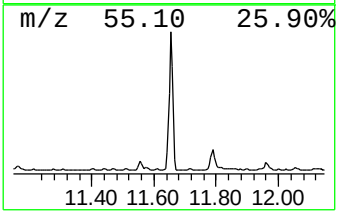












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

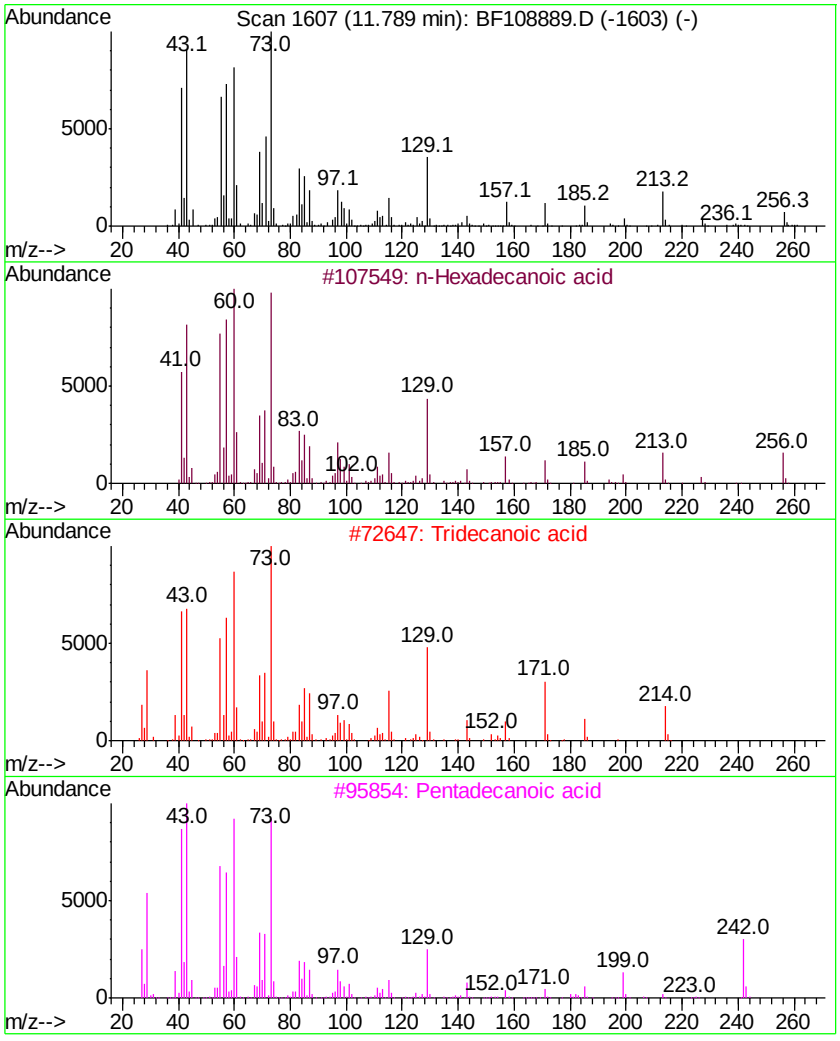
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

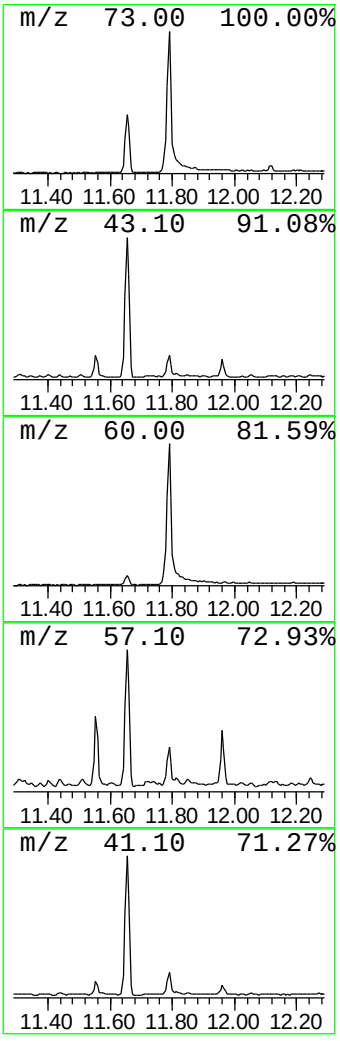
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	12.59 ng	811519	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecane	184	C13H28	000629-50-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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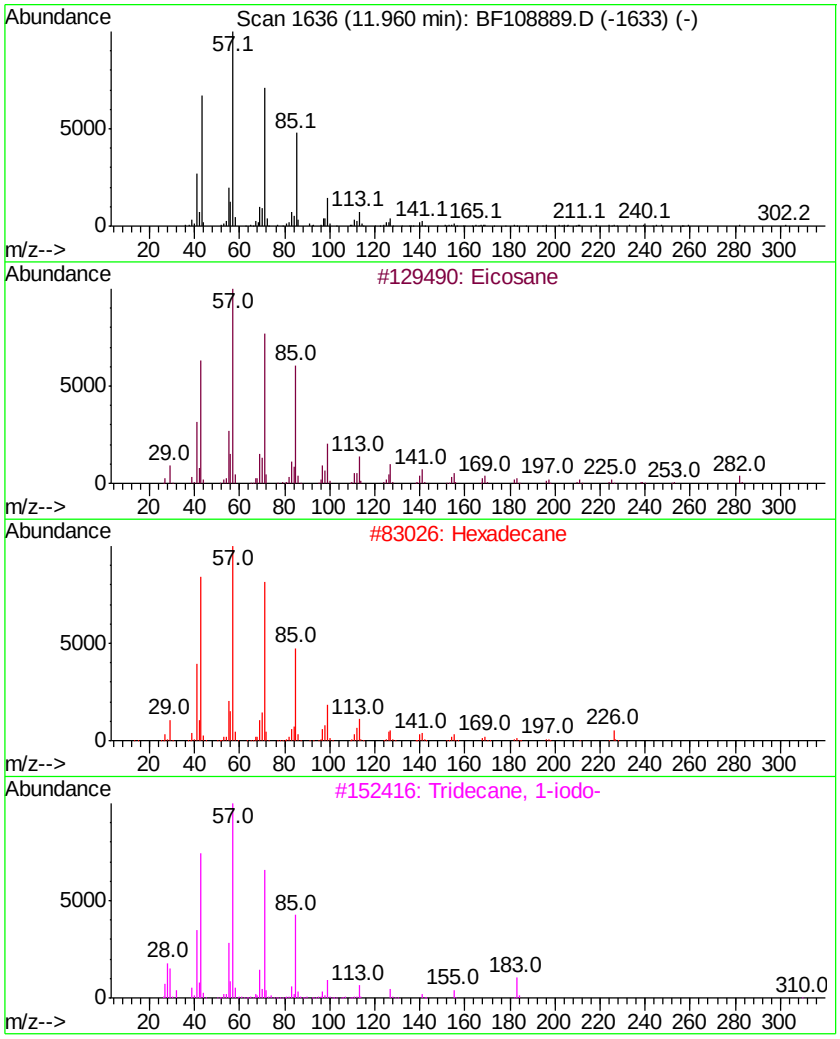
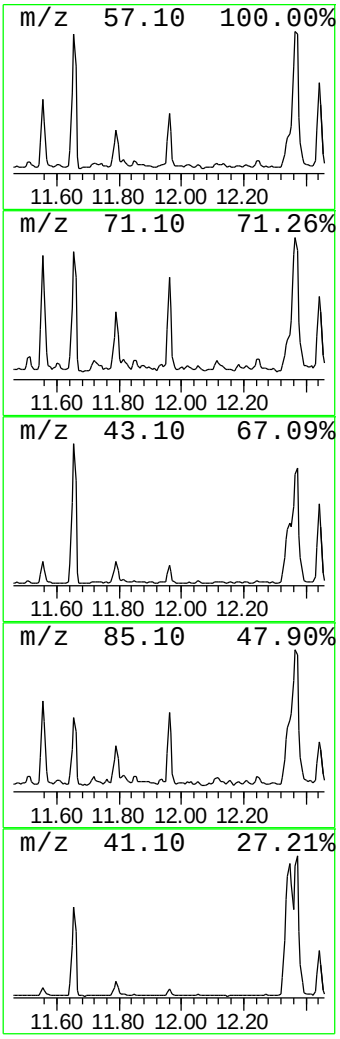
Peak Number 8 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.60 ng	425262	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

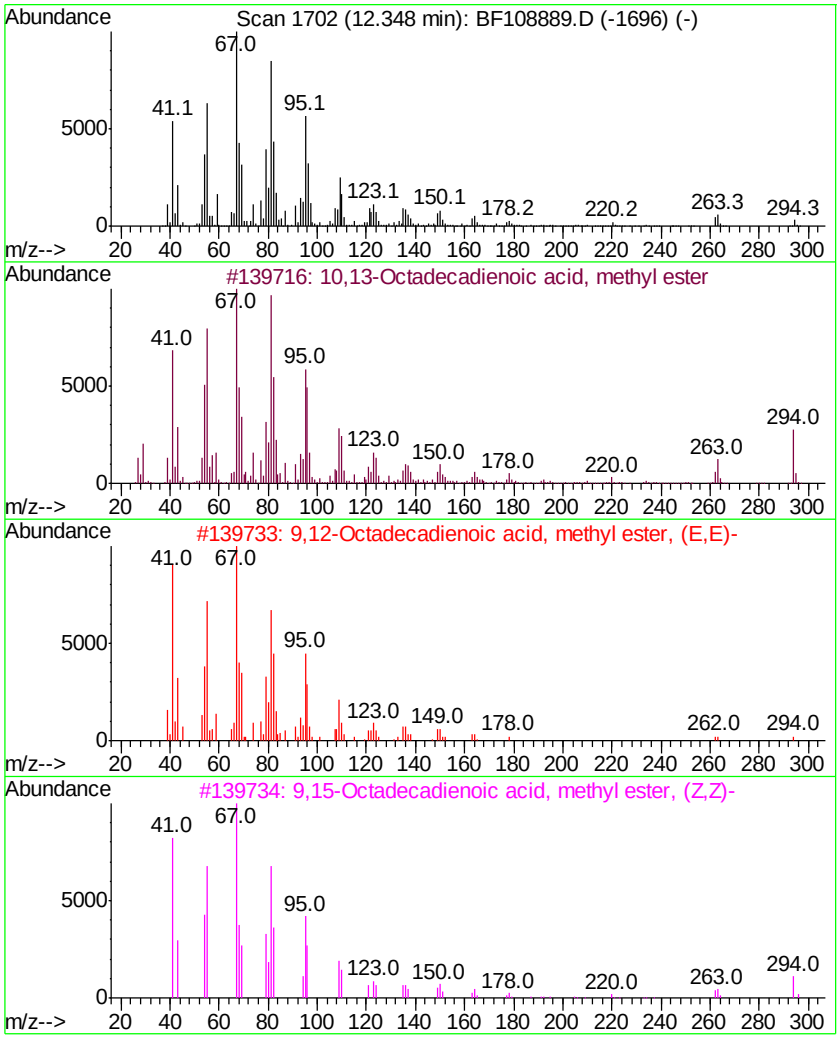
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

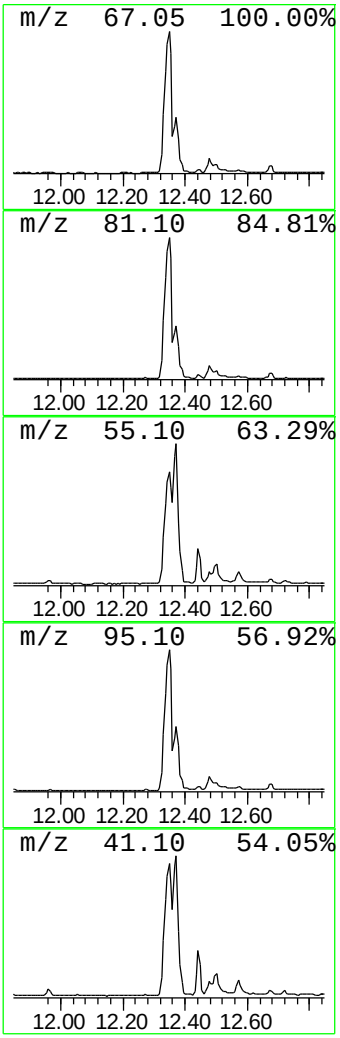
****

Peak Number 9 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	265.82 ng	17133700	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

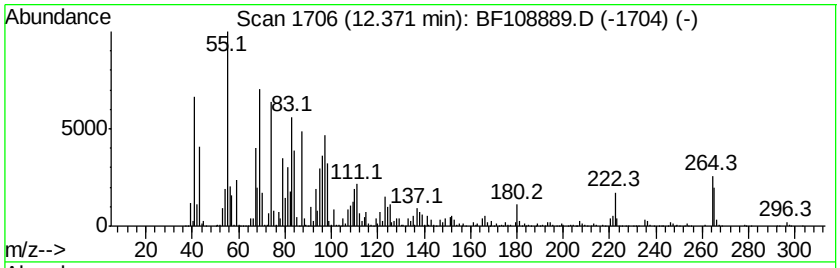
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

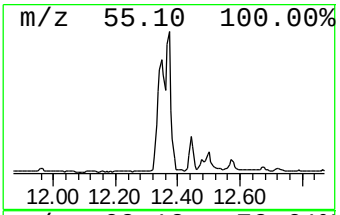
****

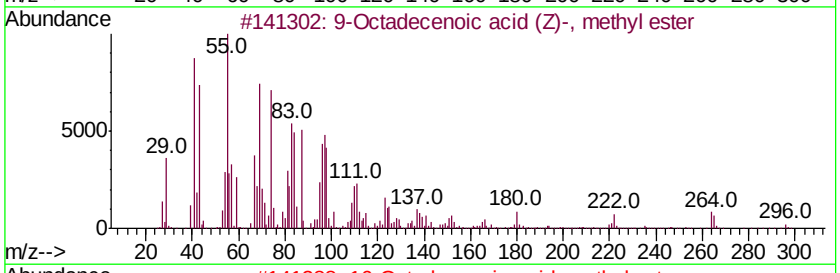
Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

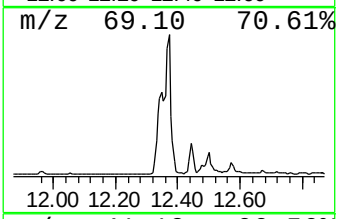
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	160.45 ng	10341900	Phenanthrene-d10	11.24

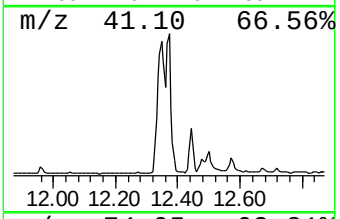
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99

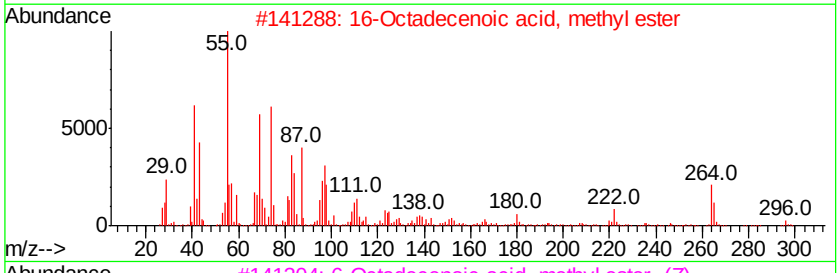


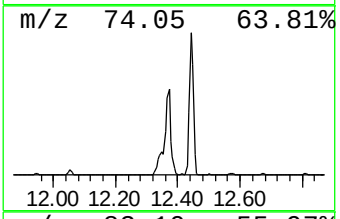


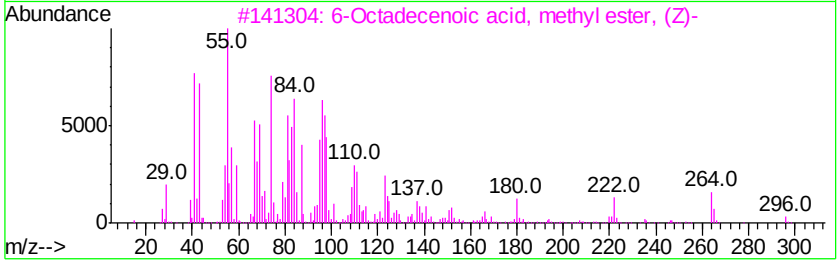


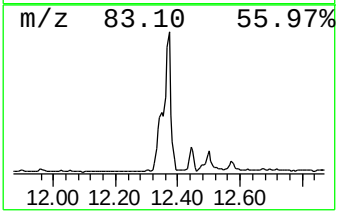












Library Search Compound Report

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Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

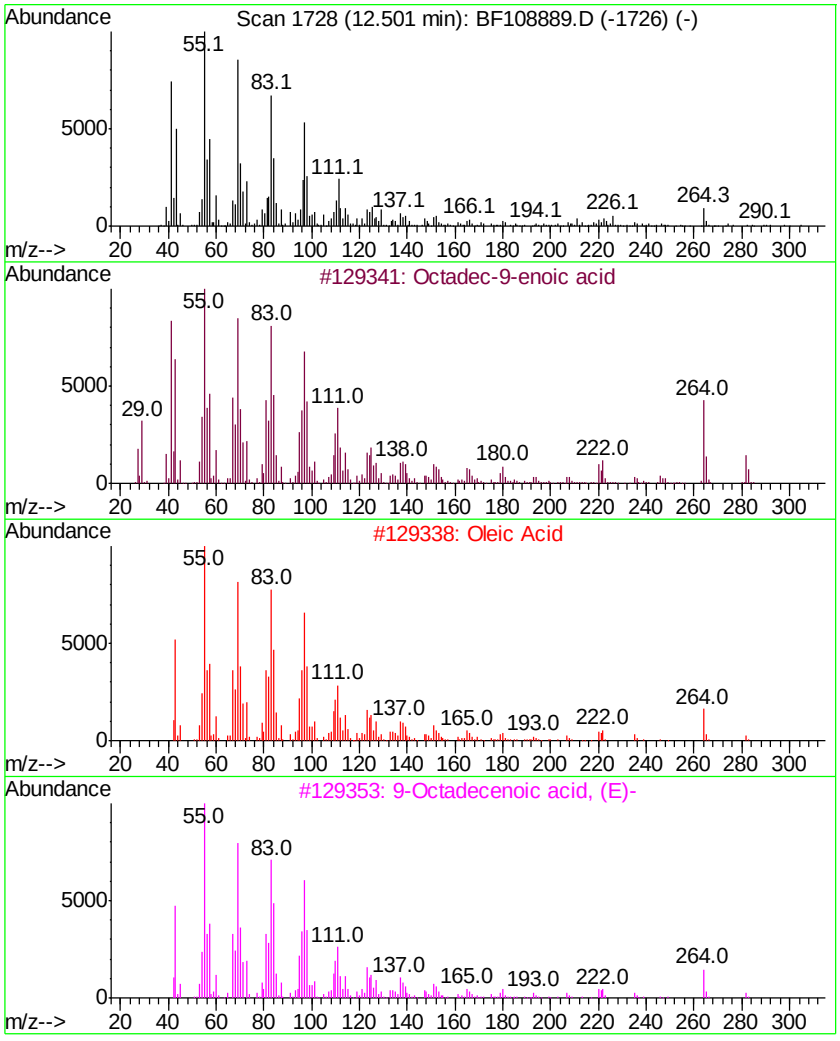
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

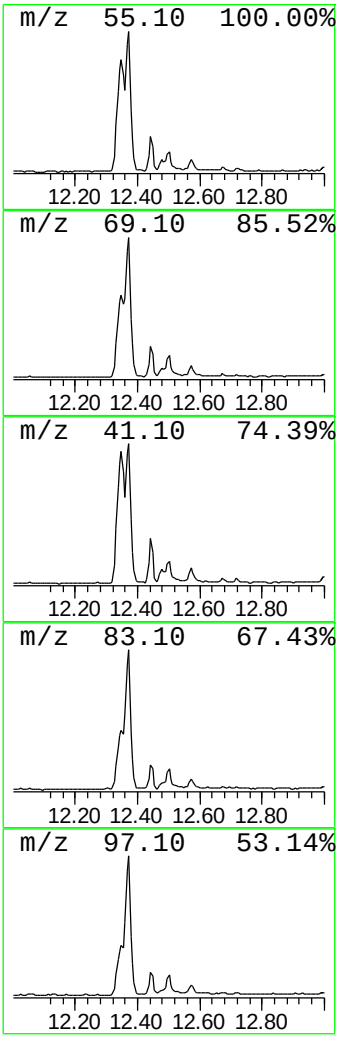
****

Peak Number 11 Octadec-9-enoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	24.14 ng	1556240	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
2	Oleic Acid	282	C18H34O2	000112-80-1	87
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87
4	Z-7-Pentadecenol	226	C15H30O	1000130-76-6	86
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	70





Library Search Compound Report

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Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

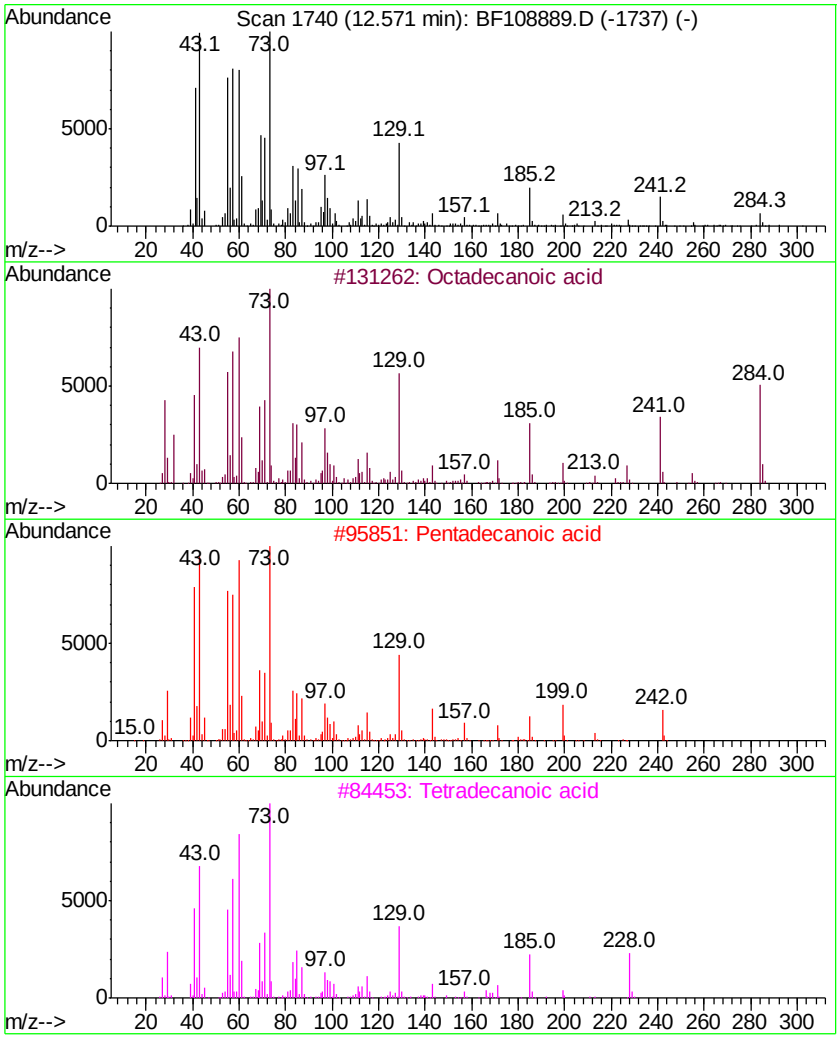
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

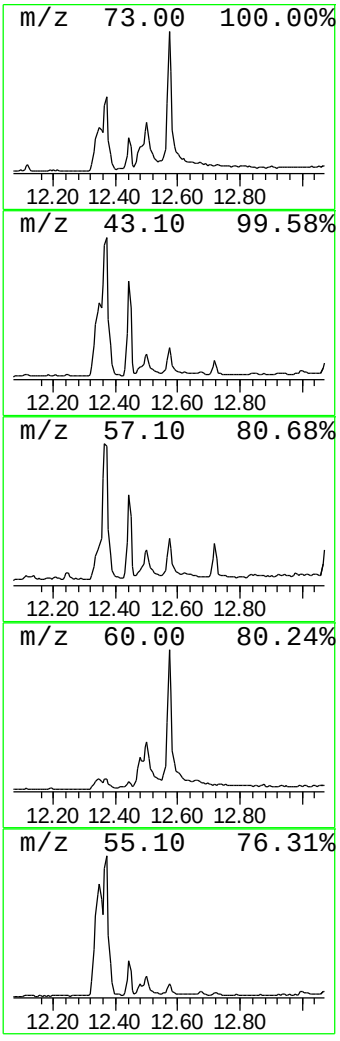
****

Peak Number 12 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	12.94 ng	915897	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	15
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

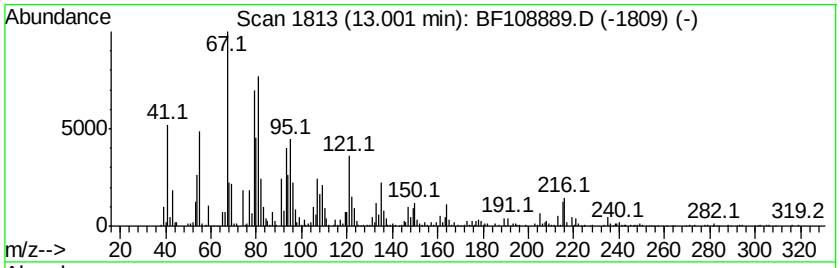
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

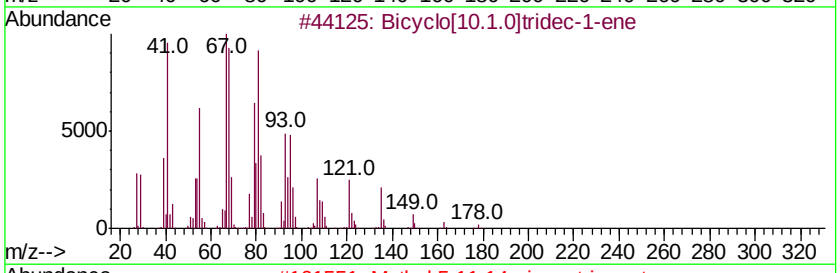
****

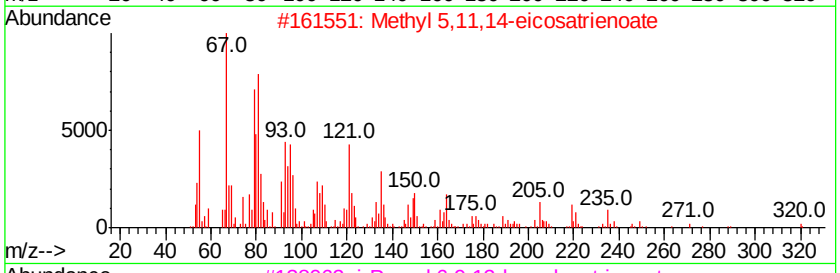
Peak Number 13 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 18

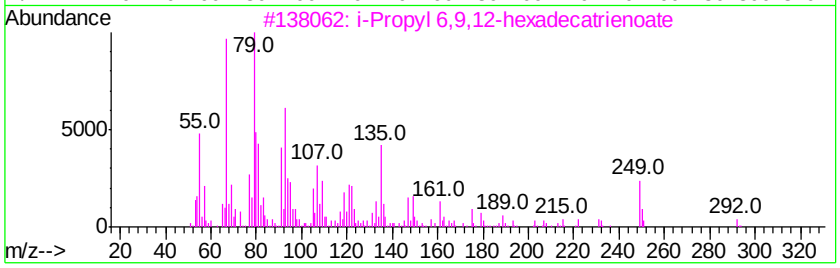
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.58 ng	466038	Chrysene-d12	13.87

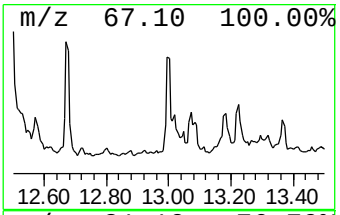
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	93
2	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	87
3	i-Propyl 6,9,12-hexadecatrienoate	292	C19H32O2	1000336-78-1	78
4	6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	68
5	5-Dodecyne	166	C12H22	019780-12-2	58

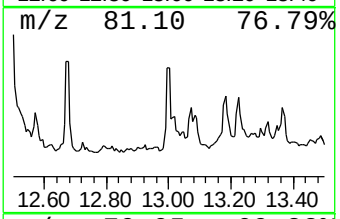


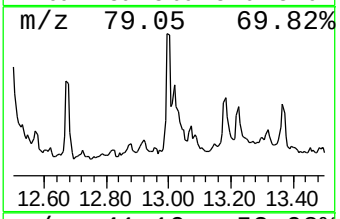


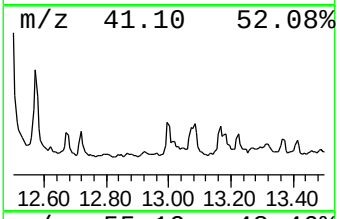


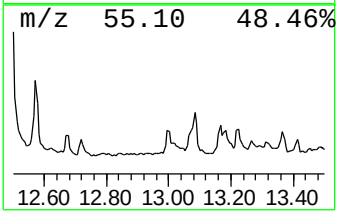












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Acq On : 10 Sep 2018 13:36
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

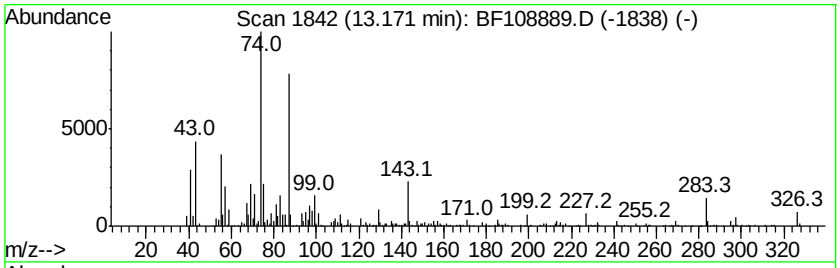
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

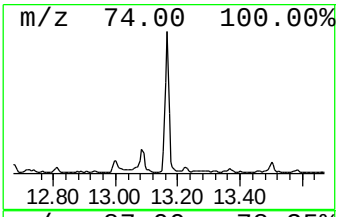
****

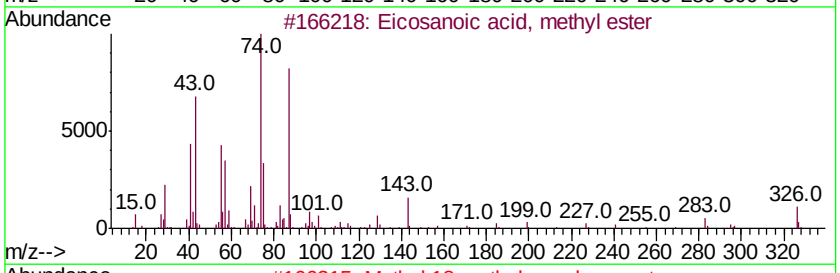
Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 20

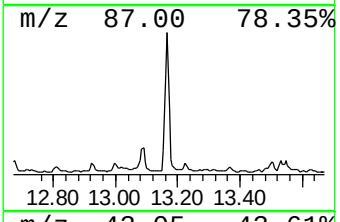
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.49 ng	388934	Chrysene-d12	13.87

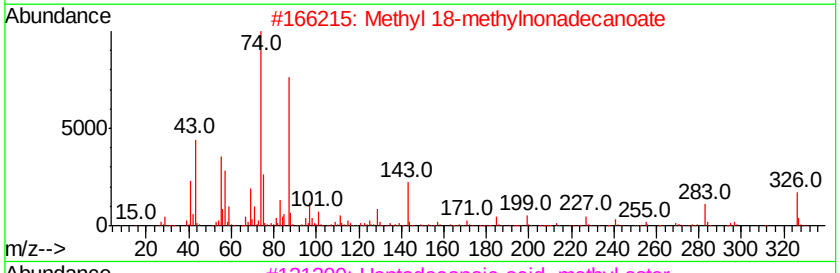
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	89
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	83

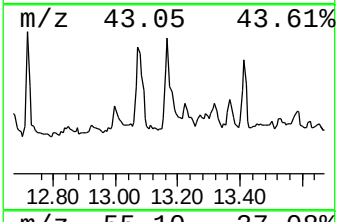


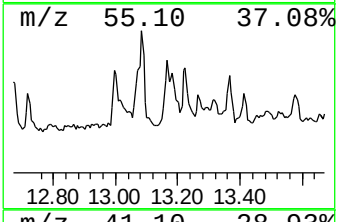


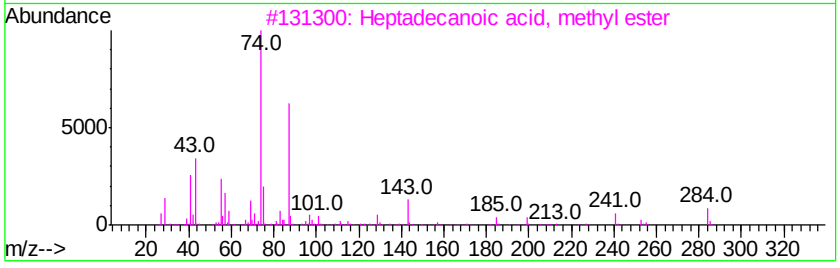


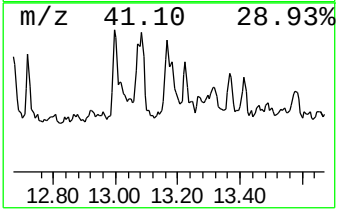












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Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

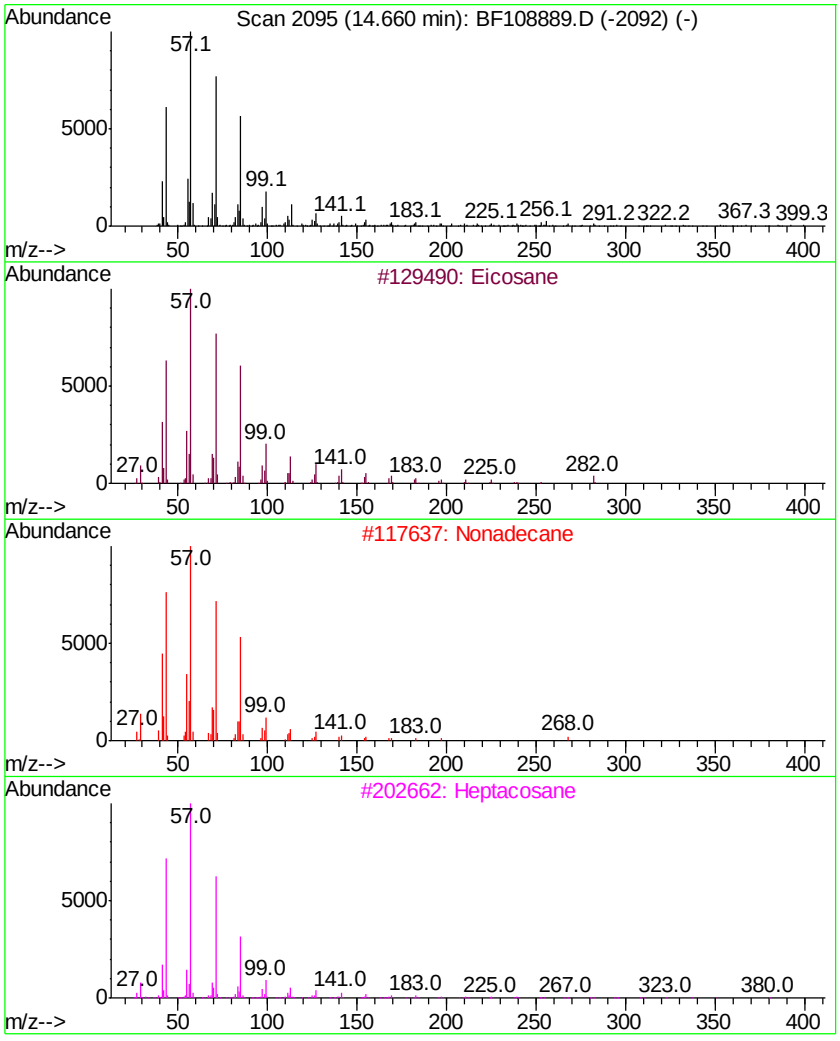
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

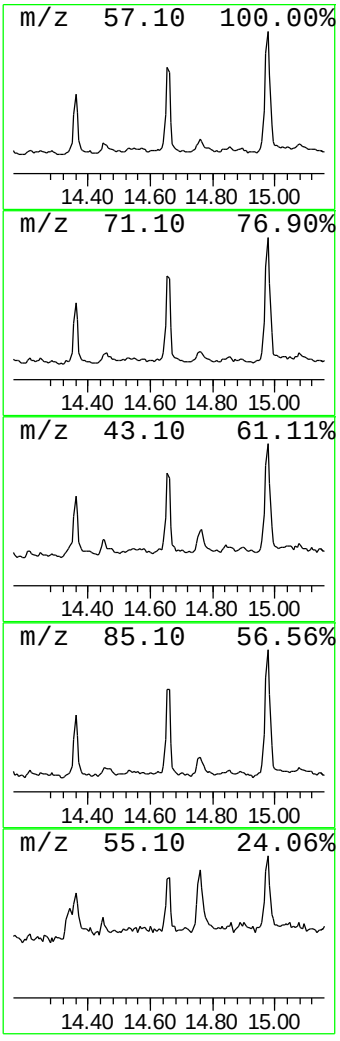
****

Peak Number 15 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	7.60 ng	498614	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptacosane	380	C27H56	000593-49-7	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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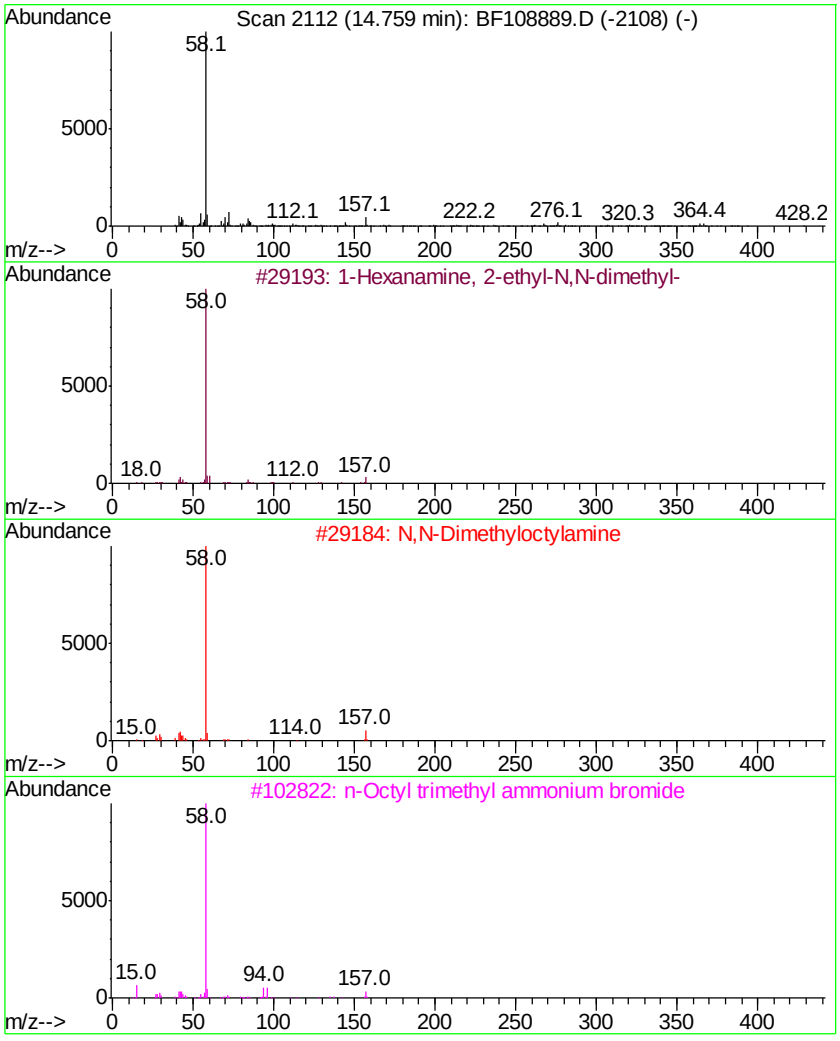
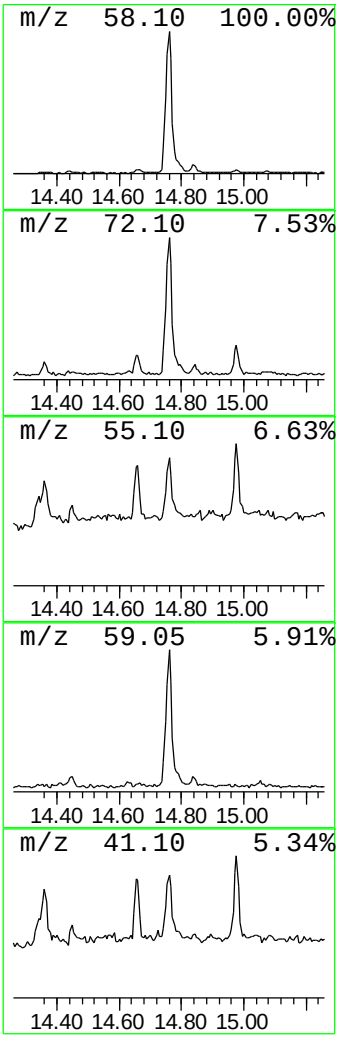
Peak Number 16 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	17.28 ng	1133670	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
4	Benzedrex	155	C10H21N	000101-40-6	64
5	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64





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Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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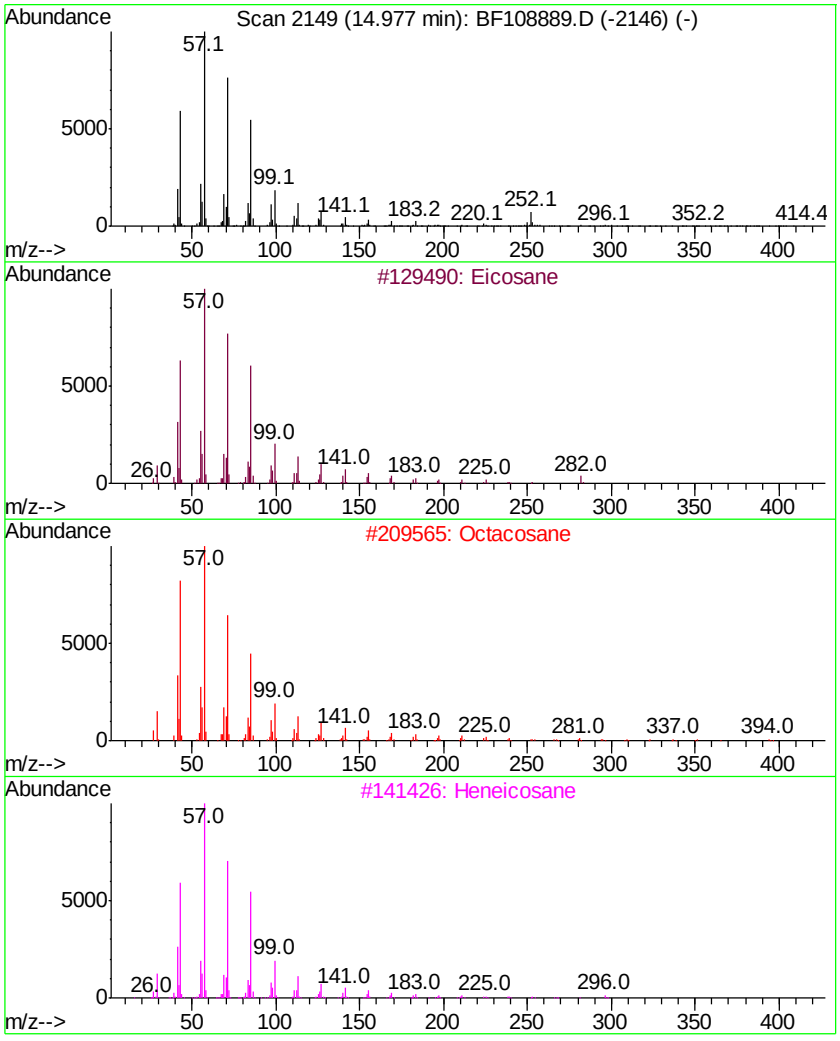
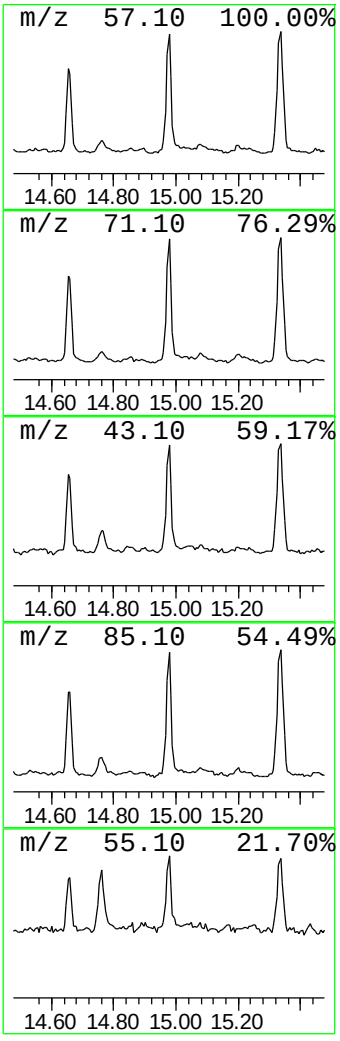
Peak Number 17 Tridecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	11.50 ng	754147	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87





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Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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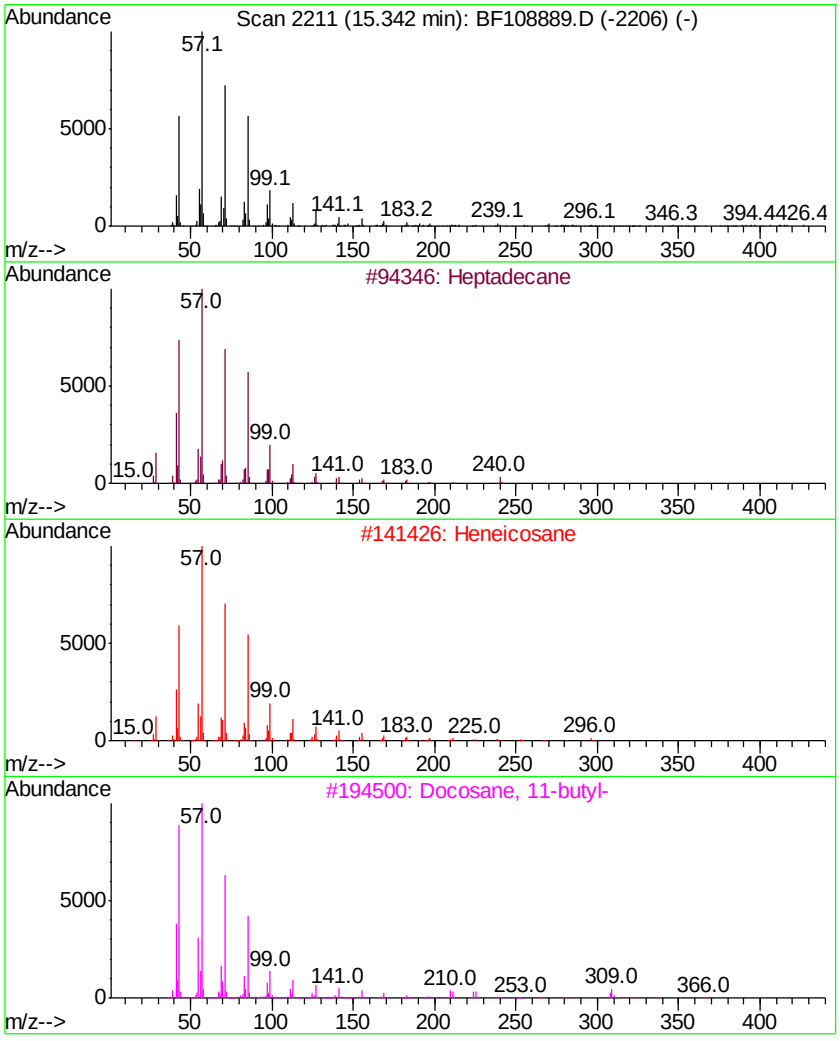
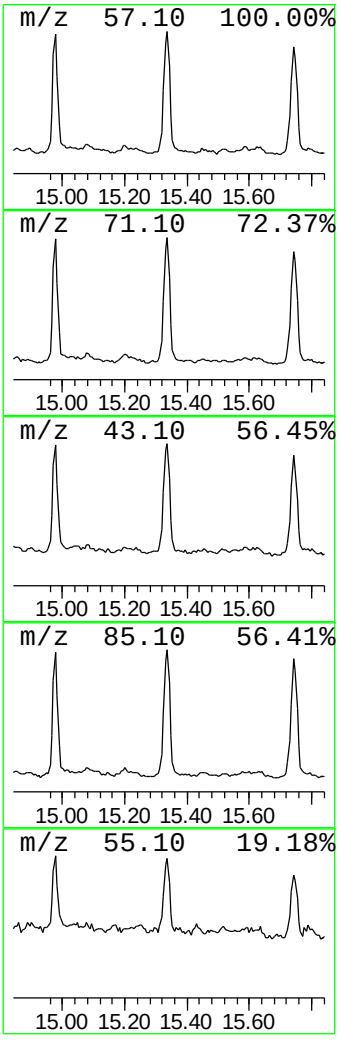
Peak Number 18 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	13.52 ng	886574	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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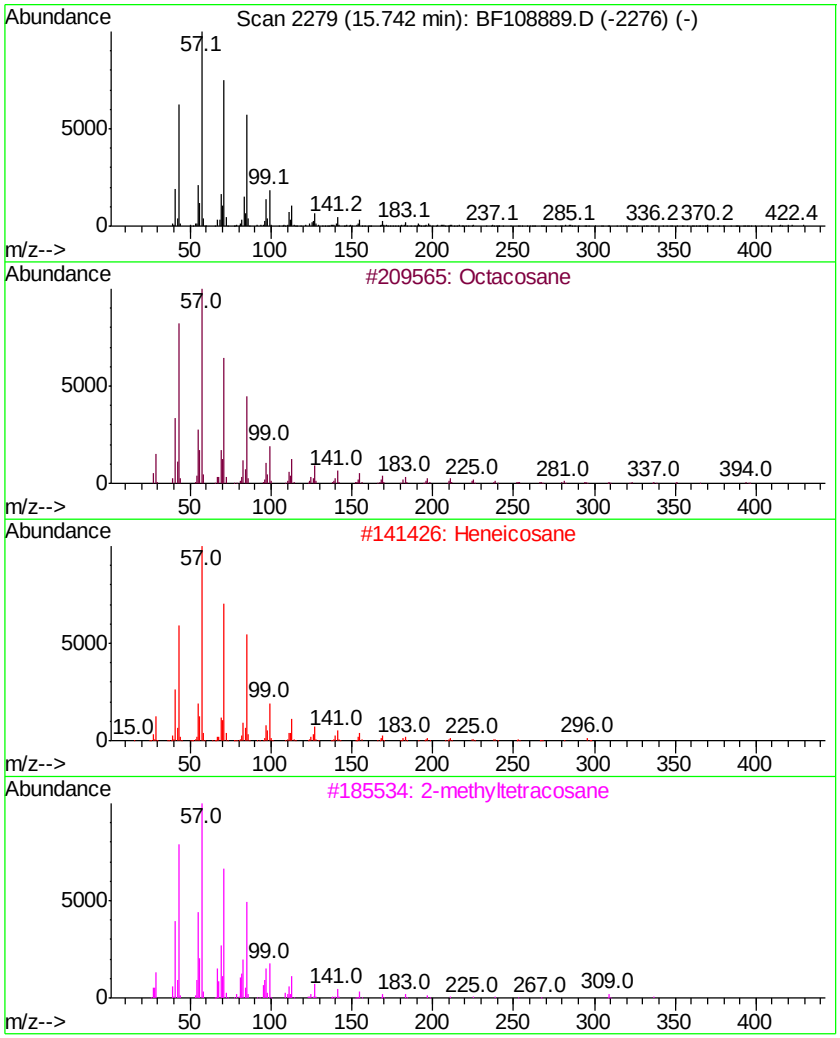
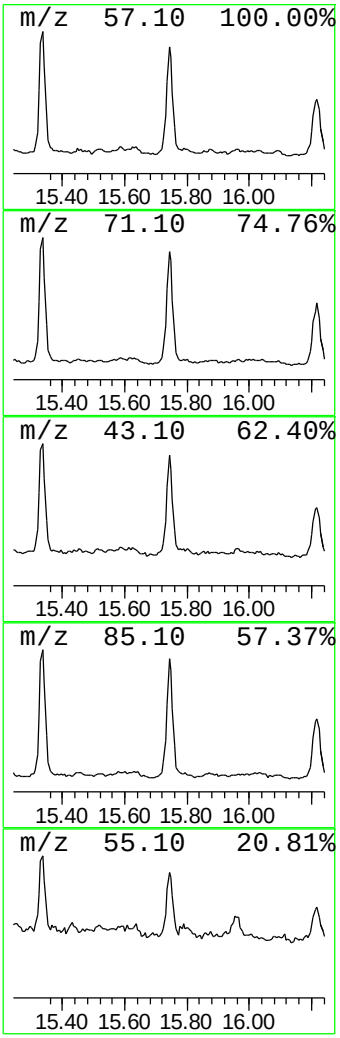
Peak Number 19 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	10.91 ng	715800	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyltetracosane	352	C25H52	1000376-72-6	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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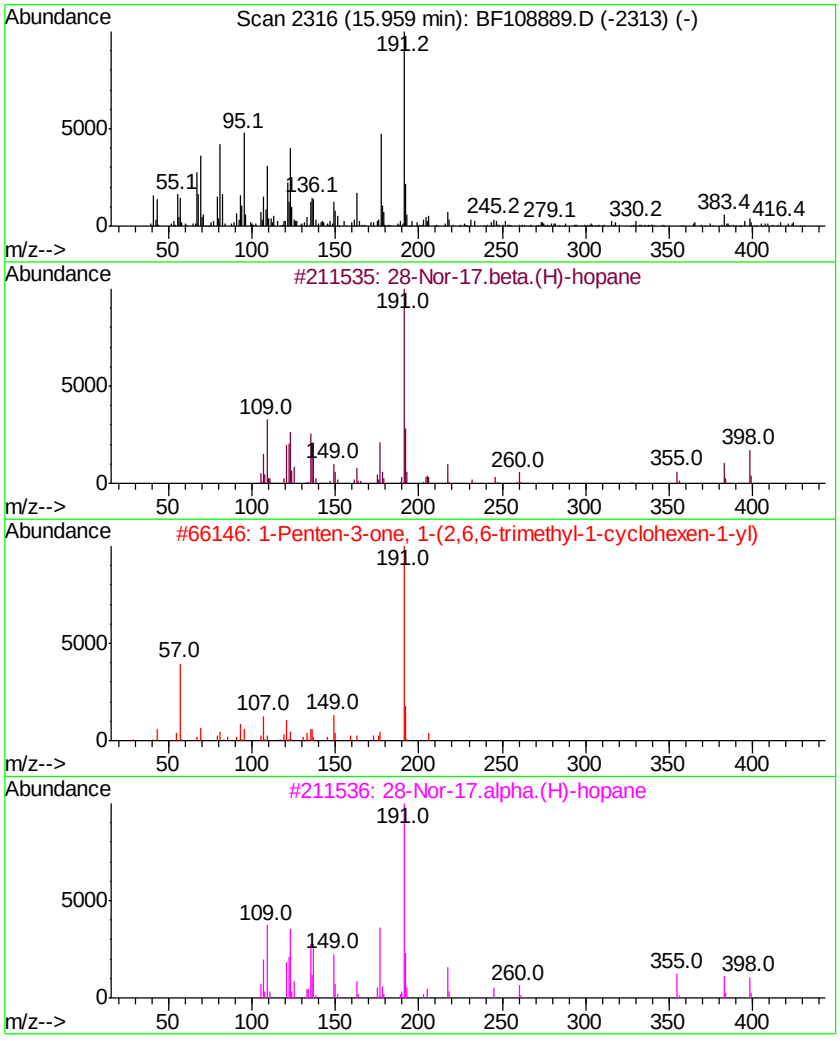
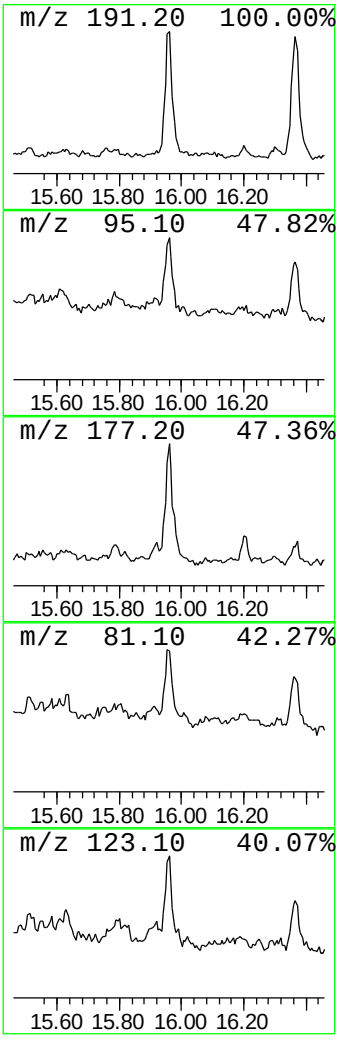
Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.08 ng	398717	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	38
4	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	27
5	Pyrido[3,2-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	024410-25-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.50	6.50	27.9	ng	1780430	1	6.74	1277920	20.0
Tridecane, 1-iodo-	10.68	9.1	ng	589420	4	11.24	1289140	20.0
Heneicosane	11.13	7.1	ng	454843	4	11.24	1289140	20.0
Decane, 5-propyl-	11.55	6.7	ng	428407	4	11.24	1289140	20.0
Hexadecanoic acid...	11.65	94.1	ng	6063320	4	11.24	1289140	20.0
n-Hexadecanoic acid	11.79	12.6	ng	811519	4	11.24	1289140	20.0
Eicosane	11.96	6.6	ng	425262	4	11.24	1289140	20.0
10,13-Octadecadie...	12.35	265.8	ng	17133700	4	11.24	1289140	20.0
9-Octadecenoic ac...	12.37	160.4	ng	10341900	4	11.24	1289140	20.0
Octadec-9-enoic acid	12.50	24.1	ng	1556240	4	11.24	1289140	20.0
Octadecanoic acid	12.57	12.9	ng	915897	5	13.87	1415730	20.0
Bicyclo[10.1.0]tr...	13.00	6.6	ng	466038	5	13.87	1415730	20.0
Eicosanoic acid, ...	13.17	5.5	ng	388934	5	13.87	1415730	20.0
Nonadecane	14.66	7.6	ng	498614	6	15.28	1311850	20.0
1-Hexanamine, 2-e...	14.76	17.3	ng	1133670	6	15.28	1311850	20.0
Tridecane, 6-methyl-	14.98	11.5	ng	754147	6	15.28	1311850	20.0
Heptadecane	15.34	13.5	ng	886574	6	15.28	1311850	20.0
Octacosane	15.74	10.9	ng	715800	6	15.28	1311850	20.0
28-Nor-17.beta.(H...	15.96	6.1	ng	398717	6	15.28	1311850	20.0