LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

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-BF121918.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	3.987	314	323	329	rBV	104158	164530	1.44%	0.279%
2	4.557	416	420	428	rBV	106128	133926	1.17%	0.227%
3	5.498	574	580	584	rBV2	181772	339473	2.97%	0.576%
4	5.528	584	585	589	rVB	189019	124680	1.09%	0.211%
5	5.757	621	624	632	rVB2	121203	166156	1.45%	0.282%
6	5.822	632	635	643	rVB	411473	363221	3.18%	0.616%
7	6.075	674	678	682	rVB3	98955	139430	1.22%	0.236%
8	6.163	687	693	696	rBV2	227223	295261	2.58%	0.501%
9	6.351	720	725	727	rBV	127153	165651	1.45%	0.281%
10	6.410	733	735	737	rVB	204431	133665	1.17%	0.227%
11	6.440	737	740	742	rBV2	336091	368103	3.22%	0.624%
12	6.463	742	744	747	rVB	154704	132441	1.16%	0.225%
13	6.498	747	750	754	rBV2	195096	221596	1.94%	0.376%
14	6.534	754	756	760	rBV2	181153	188579	1.65%	0.320%
15	6.592	763	766	768	rBV3	129477	120747	1.06%	0.205%
16	6.651	772	776	777	rBV2	133863	179180	1.57%	0.304%
17	6.675	777	780	784	rVB	237875	222592	1.95%	0.377%
18	6.745	787	792	795	rBV2	1252565	1260646	11.02%	2.138%
19	6.904	816	819	821	rBV	960077	831591	7.27%	1.410%
20	6.922	821	822	826	rVB2	406077	243379	2.13%	0.413%
21	6.963	826	829	834	rBV	641818	686573	6.00%	1.164%
22	7.057	842	845	848	rBV2	448866	443776	3.88%	0.753%
23	7.092	848	851	853	rVB2	126349	123885	1.08%	0.210%
24	7.181	863	866	869	rVB	414752	391894	3.43%	0.665%
25	7.222	869	873	875	rBV2	245953	326638	2.86%	0.554%
26	7.245	875	877	881	rVB	264124	229780	2.01%	0.390%
27	7.298	881	886	890	rBV3	327563	428663	3.75%	0.727%
28	7.439	906	910	916	rBV4	283866	566737	4.95%	0.961%
29	7.504	916	921	925	rVB	1544537	1300731	11.37%	2.206%
30	7.557	925	930	933	rVB3	236274	342980	3.00%	0.582%
31	7.716	953	957	960	rVB3	148185	207829	1.82%	0.352%
32	7.875	980	984	986	rVB4	102983	140087	1.22%	0.238%
33	7.928	991	993	996	rVV2	151342	139606	1.22%	0.237%
34	8.187	1032	1037	1040	rBV	1113223	1031604	9.02%	1.749%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.257	1215	1219	1222	rVB	262541	204659	1.79%	0.347%
36	9.339	1230	1233	1239	rBV	123713	128593	1.12%	0.218%
37	9.516	1260	1263	1270	rVB2	164606	140610	1.23%	0.238%
38	9.869	1320	1323	1328	rVB	159531	142505	1.25%	0.242%
39	9.939	1332	1335	1339	rVB	1051846	896488	7.84%	1.520%
40	9.980	1339	1342	1344	rBV	186543	134854	1.18%	0.229%
41	10.369	1401	1408	1411	rBV	253959	241163	2.11%	0.409%
42	10.592	1441	1446	1448	rBV	145978	200575	1.75%	0.340%
43	10.728	1463	1469	1471	rBV2	118014	153739	1.34%	0.261%
44	10.845	1486	1489	1490	rBV	384769	311410	2.72%	0.528%
45	10.945	1503	1506	1508	rVB	201584	149351	1.31%	0.253%
46	11.169	1541	1544	1546	rBV2	136923	130580	1.14%	0.221%
47	11.292	1562	1565	1567	rBV	492966	378297	3.31%	0.641%
48	11.322	1567	1570	1577	rVB	475145	593965	5.19%	1.007%
49	11.427	1585	1588	1591	rBV	1131465	986731	8.63%	1.673%
50	11.569	1609	1612	1615	rBV2	113055	123594	1.08%	0.210%
51	11.604	1615	1618	1621	rBV3	157879	177887	1.55%	0.302%
52	11.675	1628	1630	1633	rBV	201165	168569	1.47%	0.286%
53	11.722	1635	1638	1640	rBV	570836	512158	4.48%	0.868%
54	11.822	1651	1655	1658	rBV	4912713	3971569	34.72%	6.735%
55	11.886	1661	1666	1668	rBV3	438074	615685	5.38%	1.044%
56	11.980	1680	1682	1686	rBV3	218245	272779	2.38%	0.463%
57	12.022	1686	1689	1691	rBV2	331787	417743	3.65%	0.708%
58	12.104	1701	1703	1705	rBV	274973	221281	1.93%	0.375%
59	12.133	1705	1708	1711	rBV	693117	789612	6.90%	1.339%
60	12.286	1732	1734	1740	rBV4	355241	639186	5.59%	1.084%
61	12.416	1754	1756	1761	rVB	655451	780238	6.82%	1.323%
62	12.516	1769	1773	1775	rBV	8393541	10558412	92.30%	17.904%
63	12.545	1775	1778	1786	rVB2	10066154	11439777	100.00%	19.399%
64	12.616	1788	1790	1793	rVV	1843231	1858455	16.25%	3.151%
65	12.669	1796	1799	1801	rBV	759547	808893	7.07%	1.372%
66	12.898	1836	1838	1841	rBV	866968	949021	8.30%	1.609%
67	13.016	1855	1858	1870	rBV3	1395234	4277832	37.39%	7.254%
68	13.910	2007	2010	2016	rBV2	2119204	3440548	30.08%	5.834%

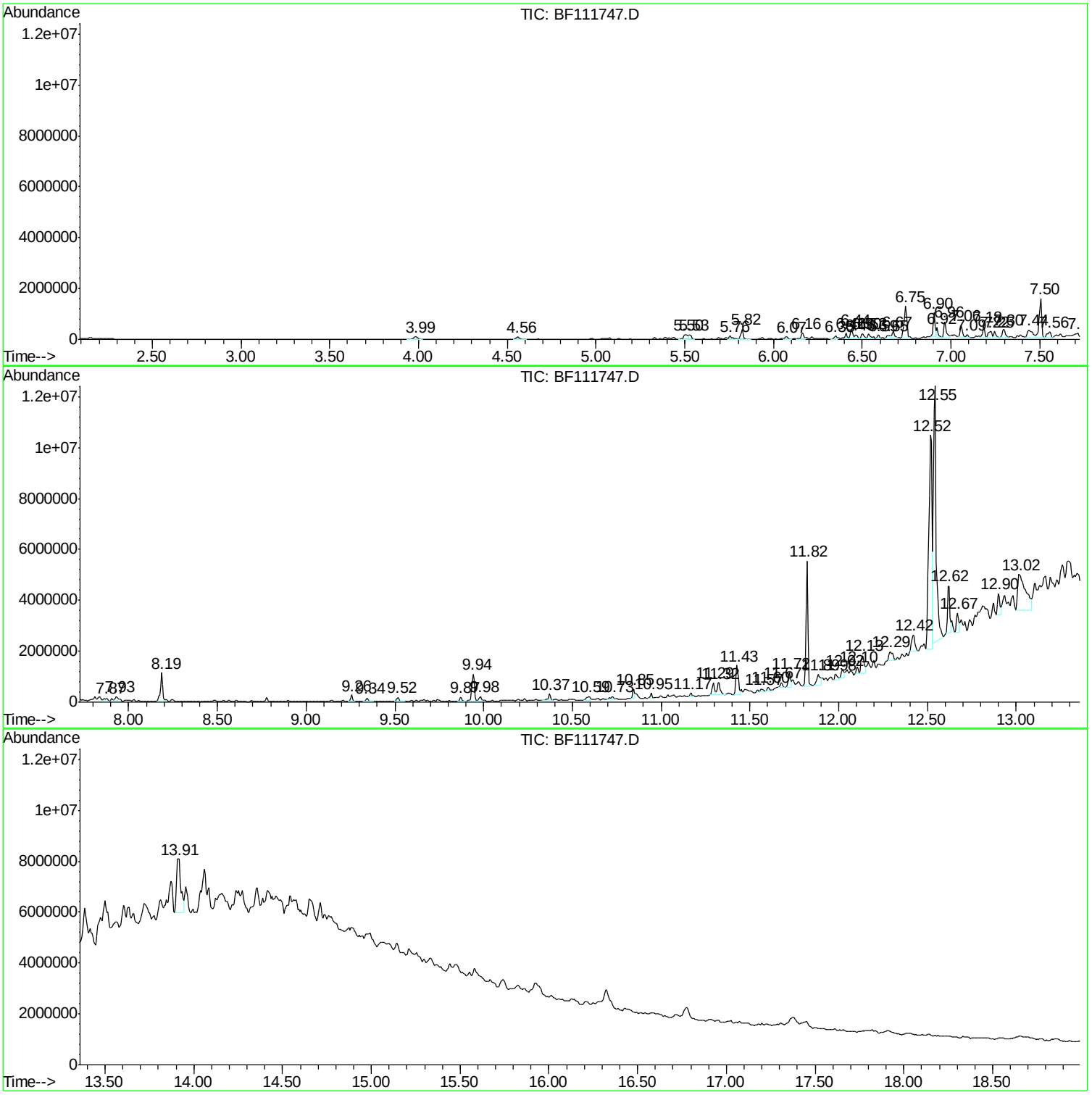
Sum of corrected areas: 58972389

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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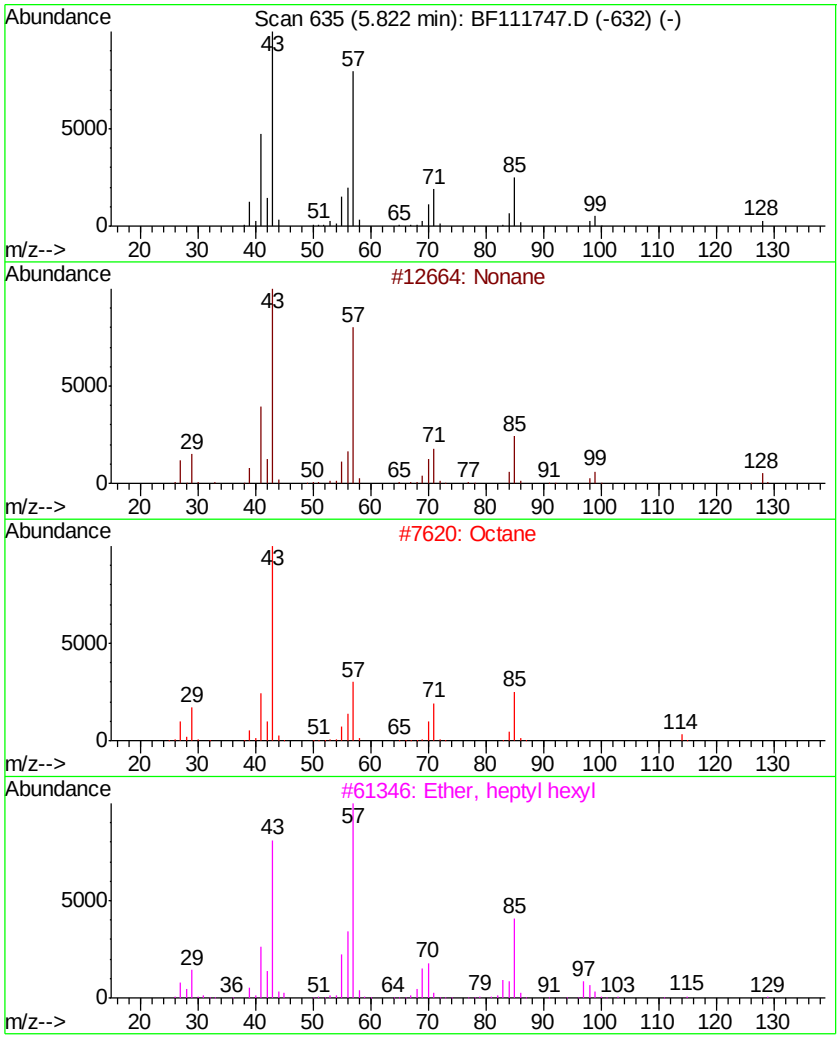
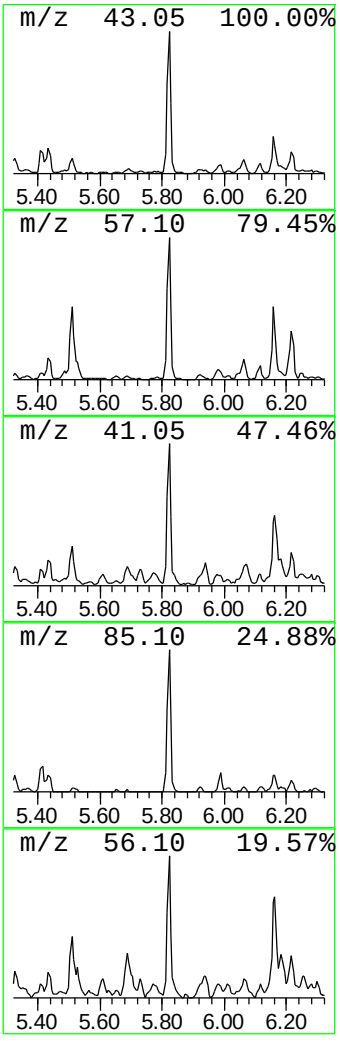
Peak Number 1 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	8.74 ng	363221	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Octane	114	C8H18	000111-65-9	64
3	Ether, heptyl hexyl	200	C13H28O	007289-40-9	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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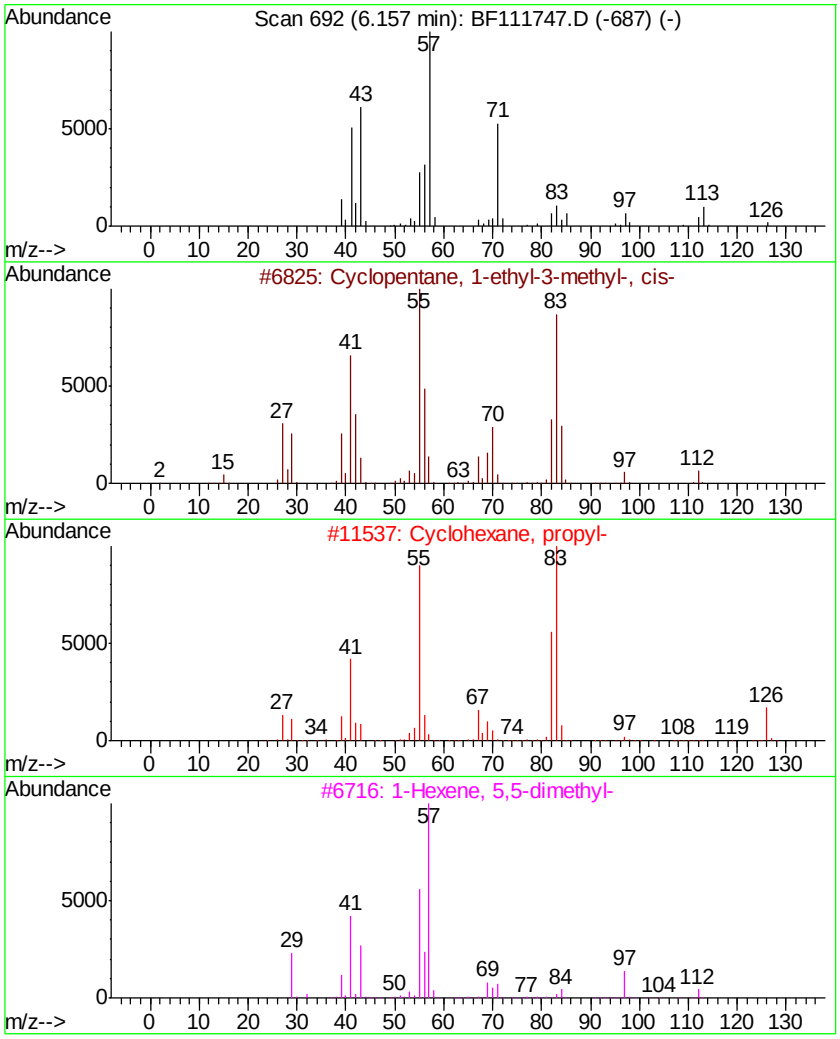
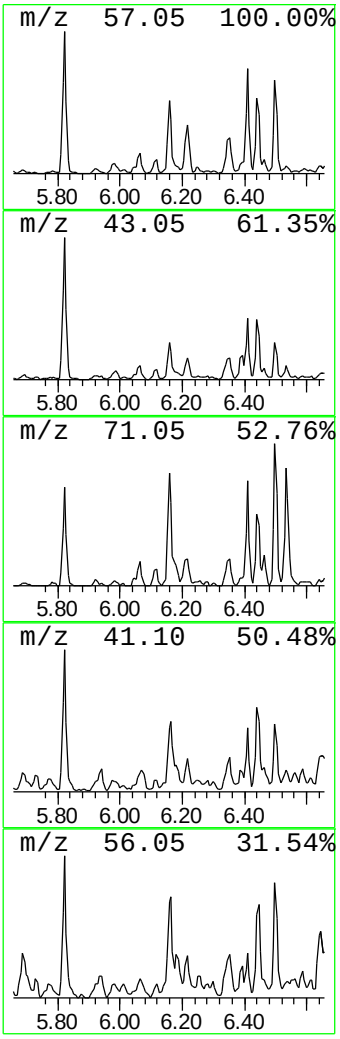
Peak Number 2 unknown6.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	7.10 ng	295261	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	49
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	30
3	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	30
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30
5	3-Hexene, 2,2-dimethyl-	112	C8H16	003123-93-1	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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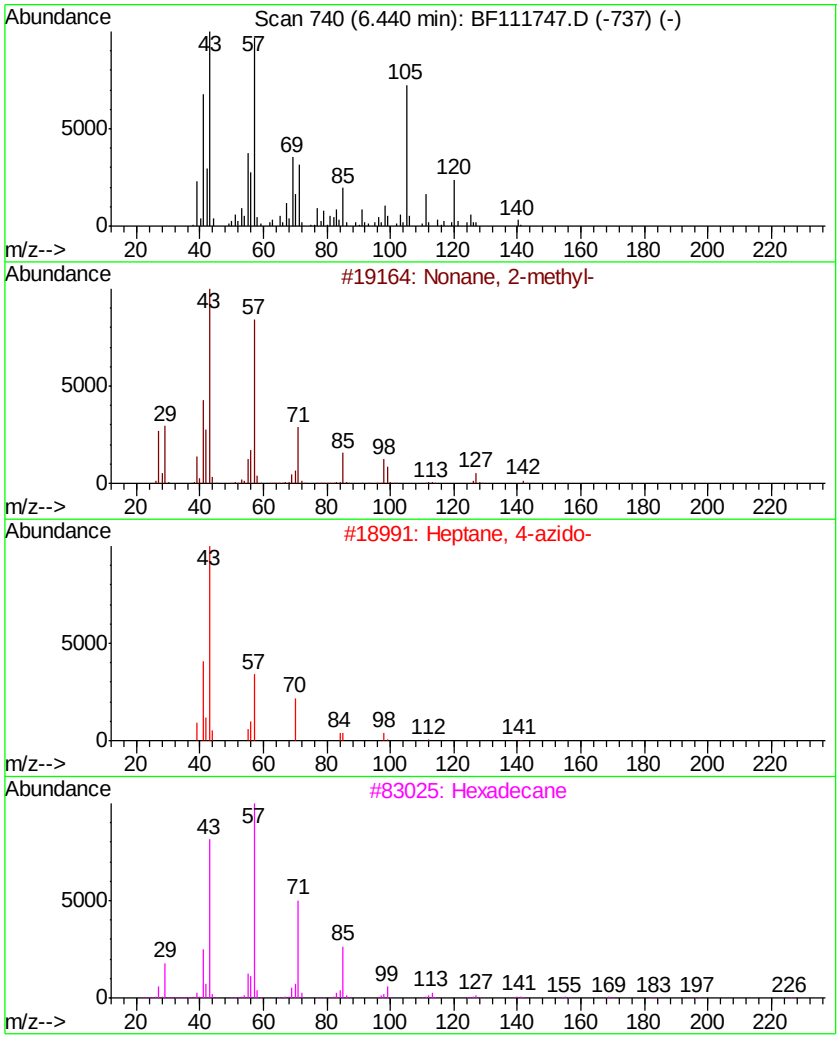
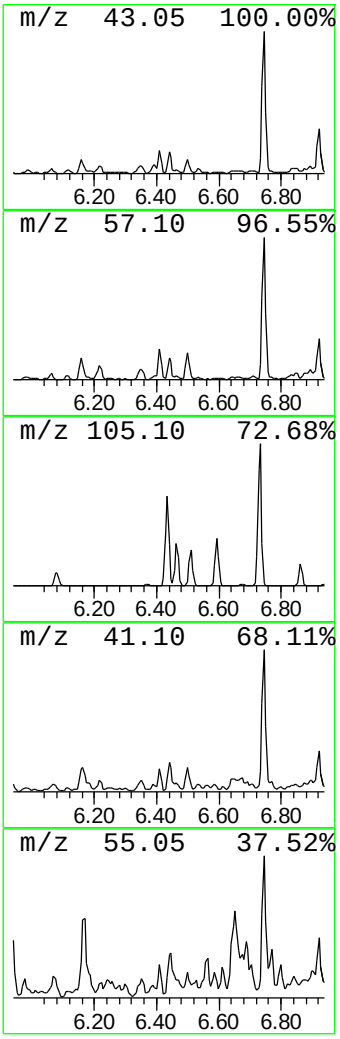
Peak Number 3 unknown6.44 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	8.85 ng	368103	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	47
2	Heptane, 4-azido-	141	C7H15N3	027126-22-3	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35
5	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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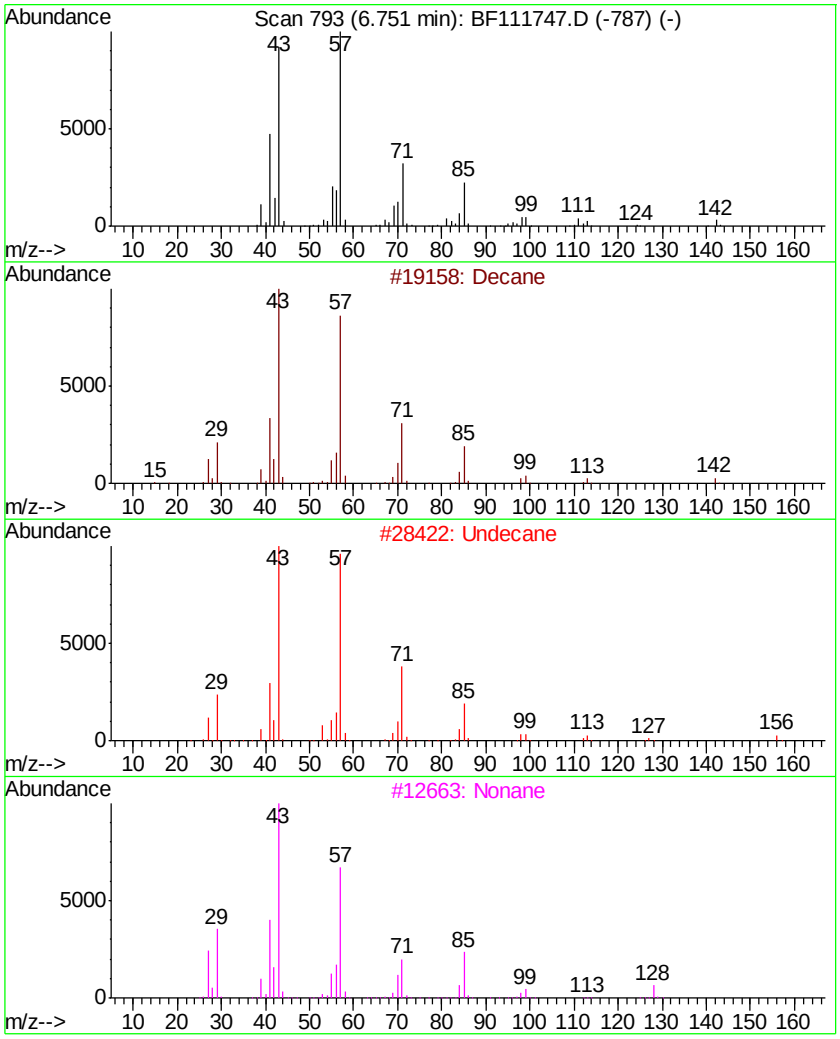
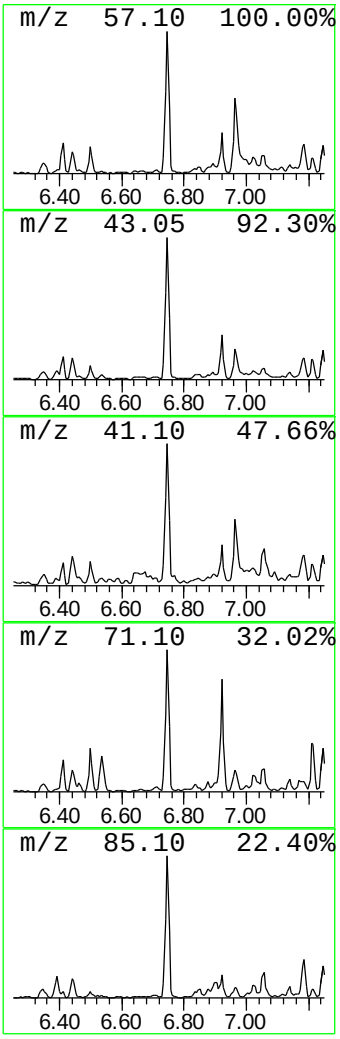
Peak Number 4 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	30.32 ng	1260650	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	83
3	Nonane	128	C9H20	000111-84-2	78
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	68
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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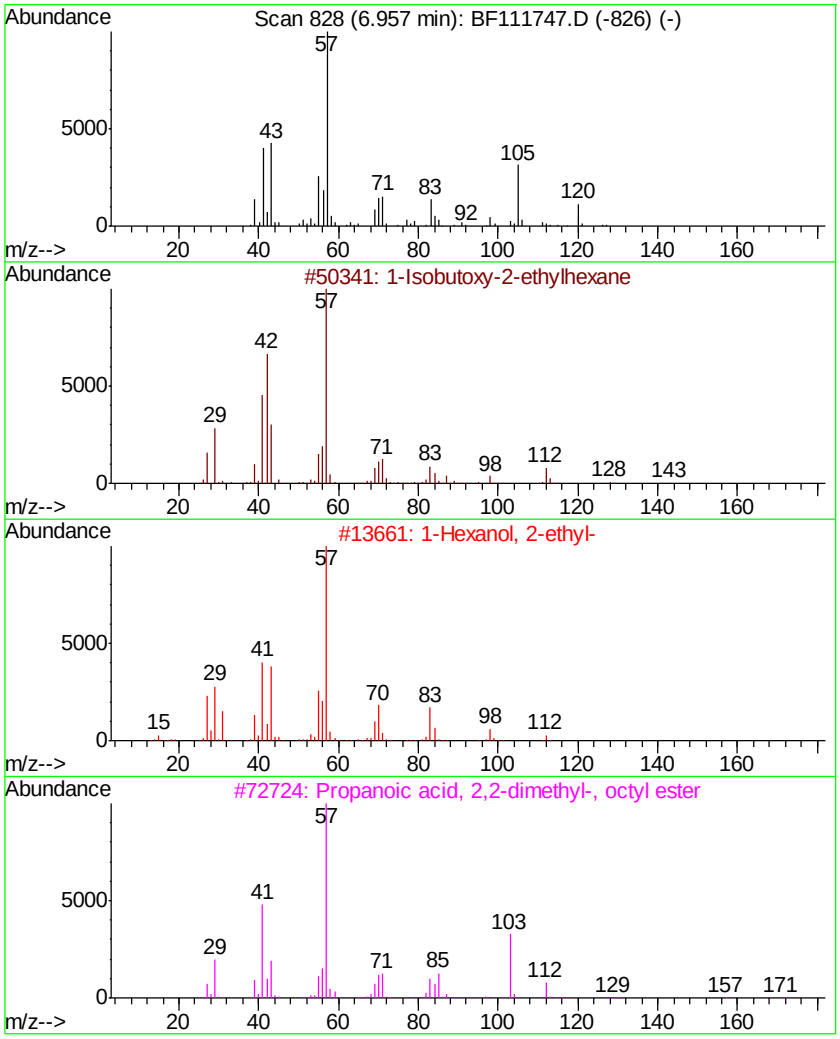
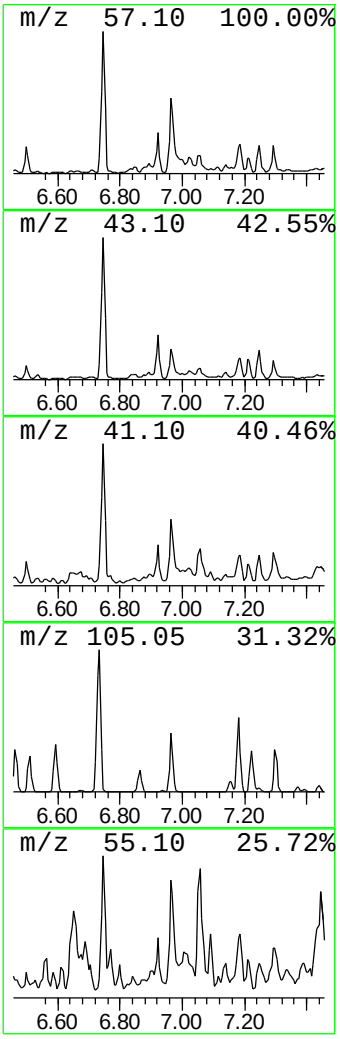
Peak Number 5 unknown6.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	16.51 ng	686573	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	47
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	43
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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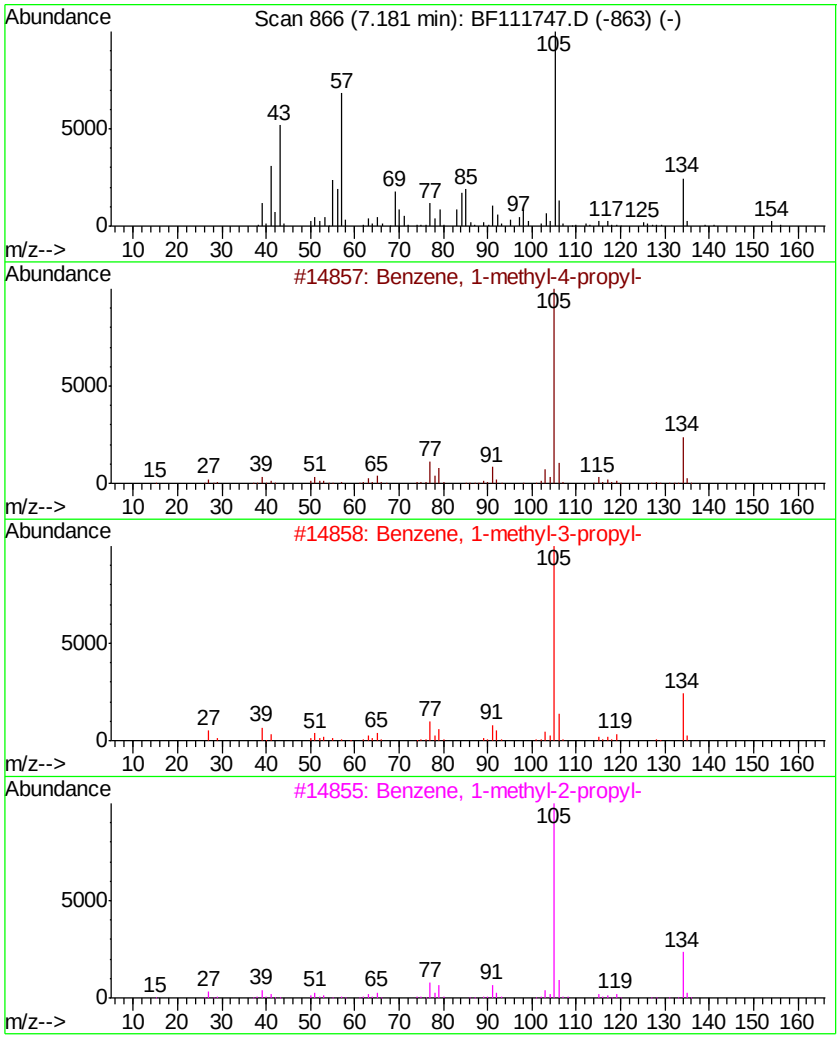
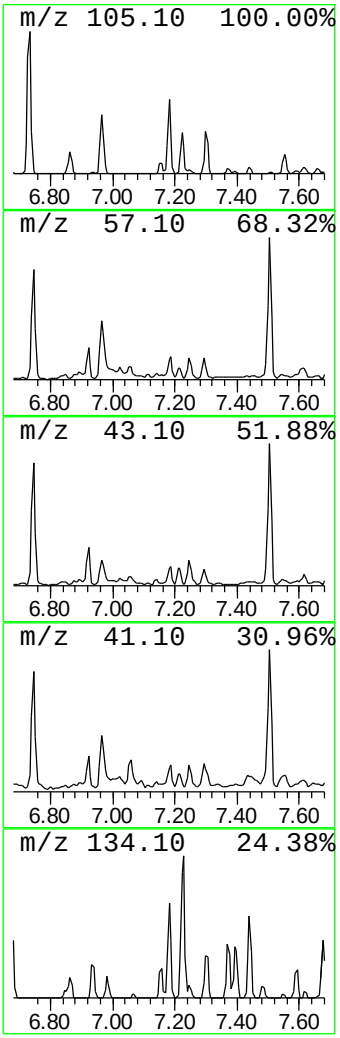
Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	9.43 ng	391894	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	78
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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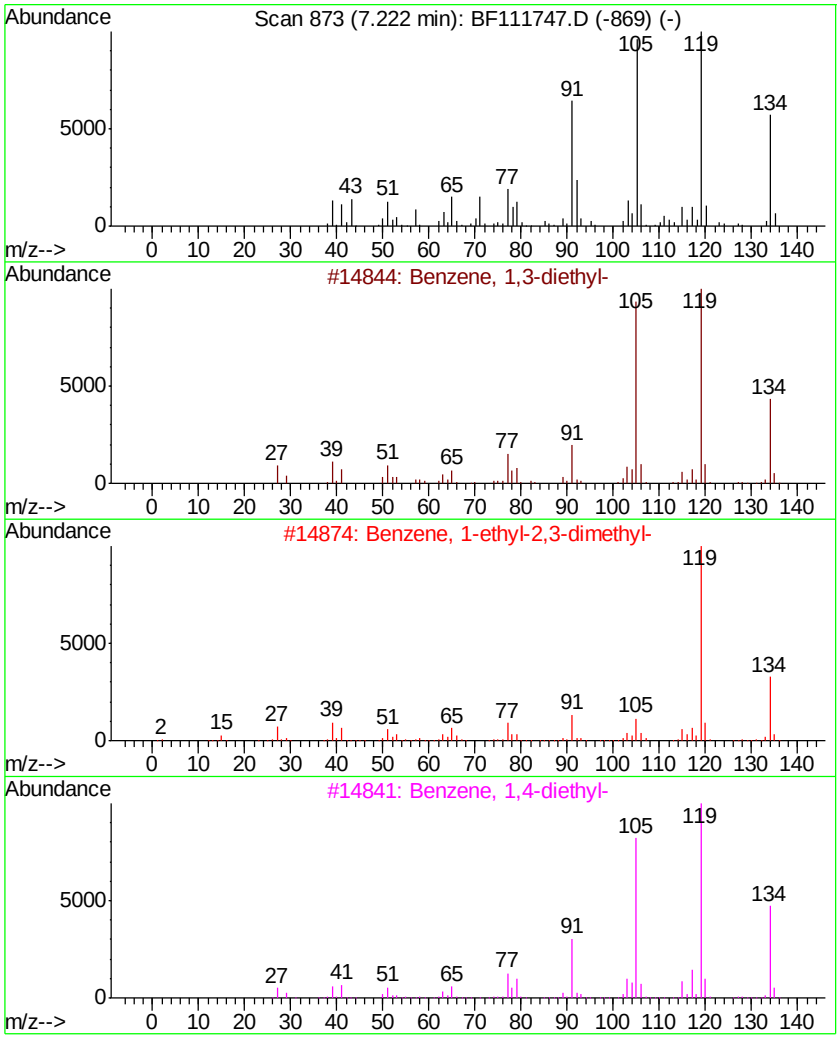
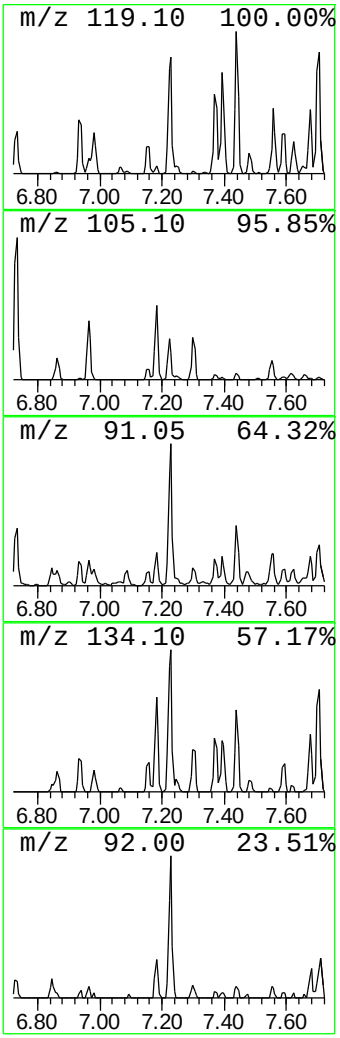
Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.86 ng	326638	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91





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Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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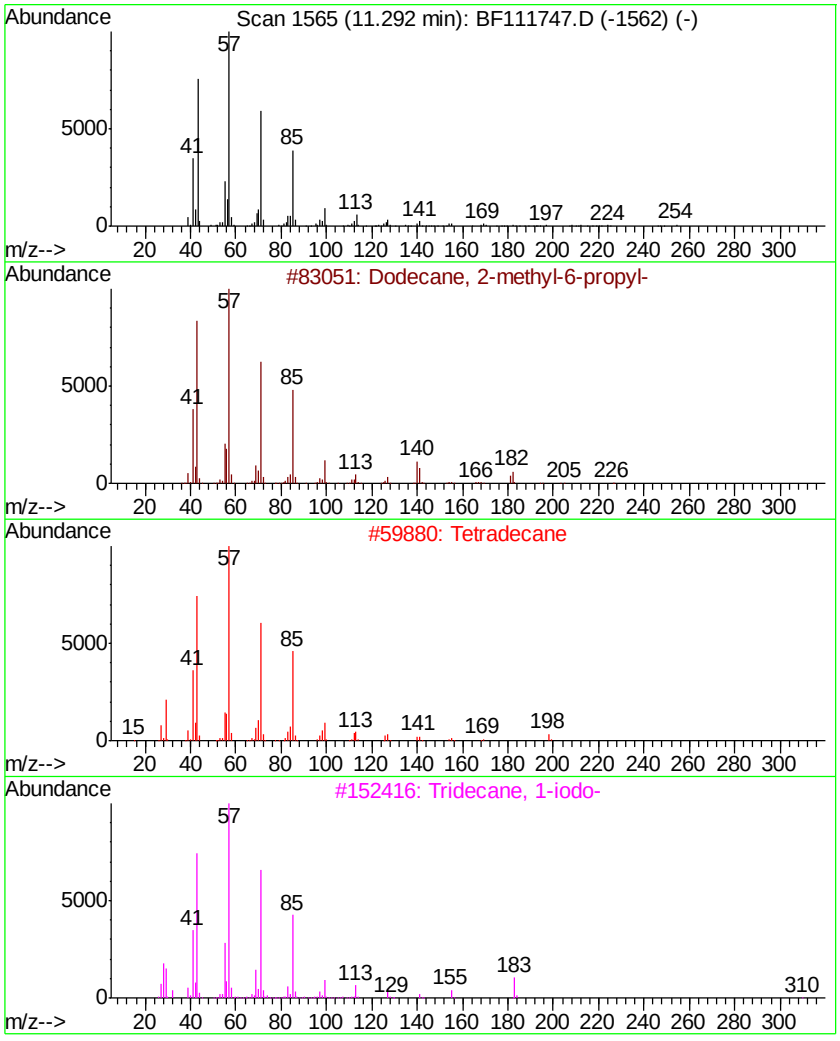
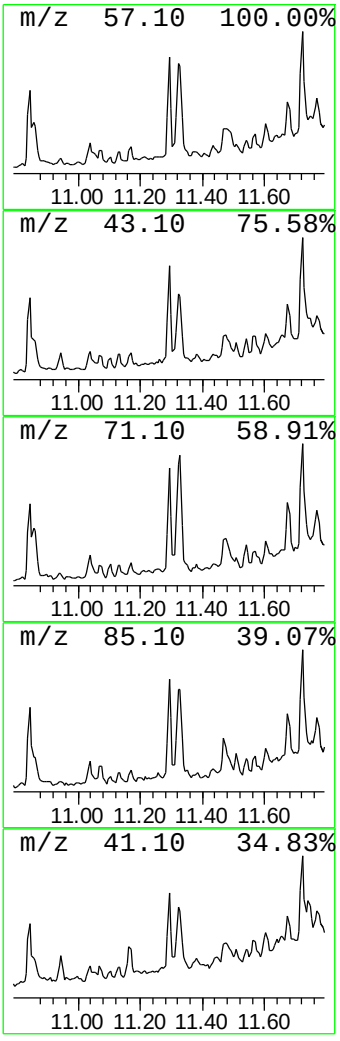
Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.67 ng	378297	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Eicosane	282	C20H42	000112-95-8	80





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Sample : J6533-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : 22949

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

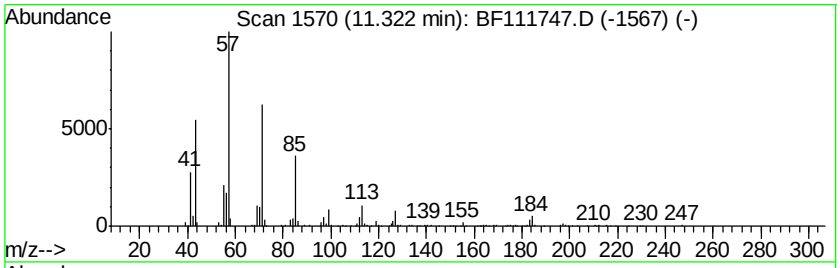
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

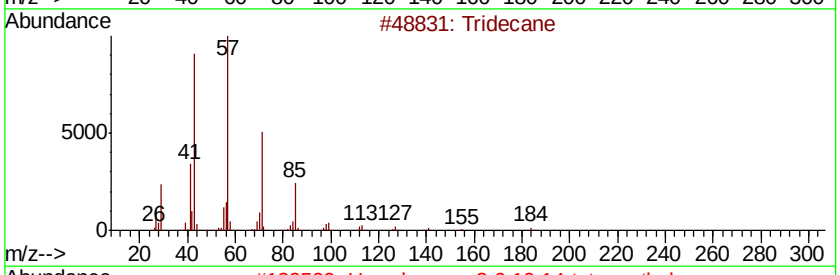
****

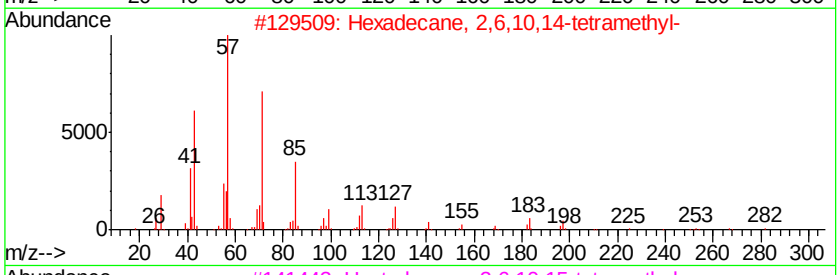
Peak Number 10 Tridecane Concentration Rank 11

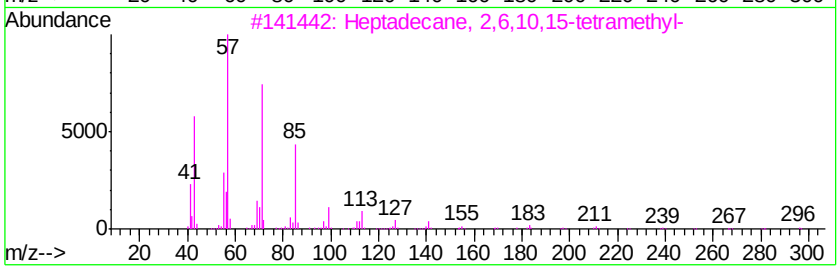
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	12.04 ng	593965	Phenanthrene-d10	11.43

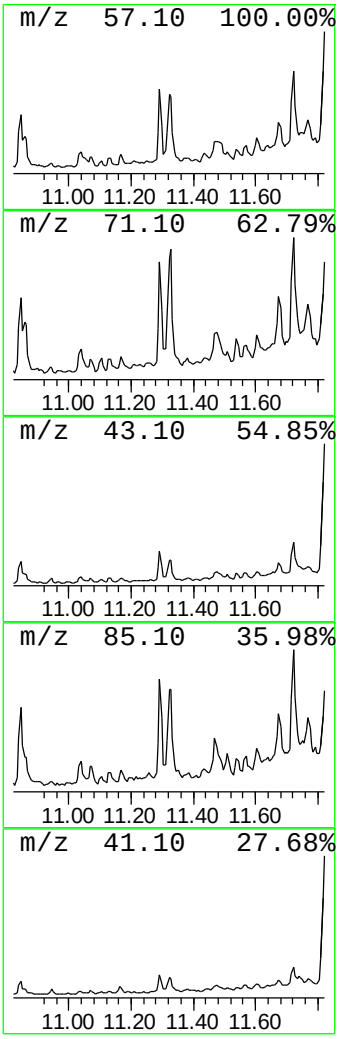
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Pentadecane	212	C15H32	000629-62-9	83











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Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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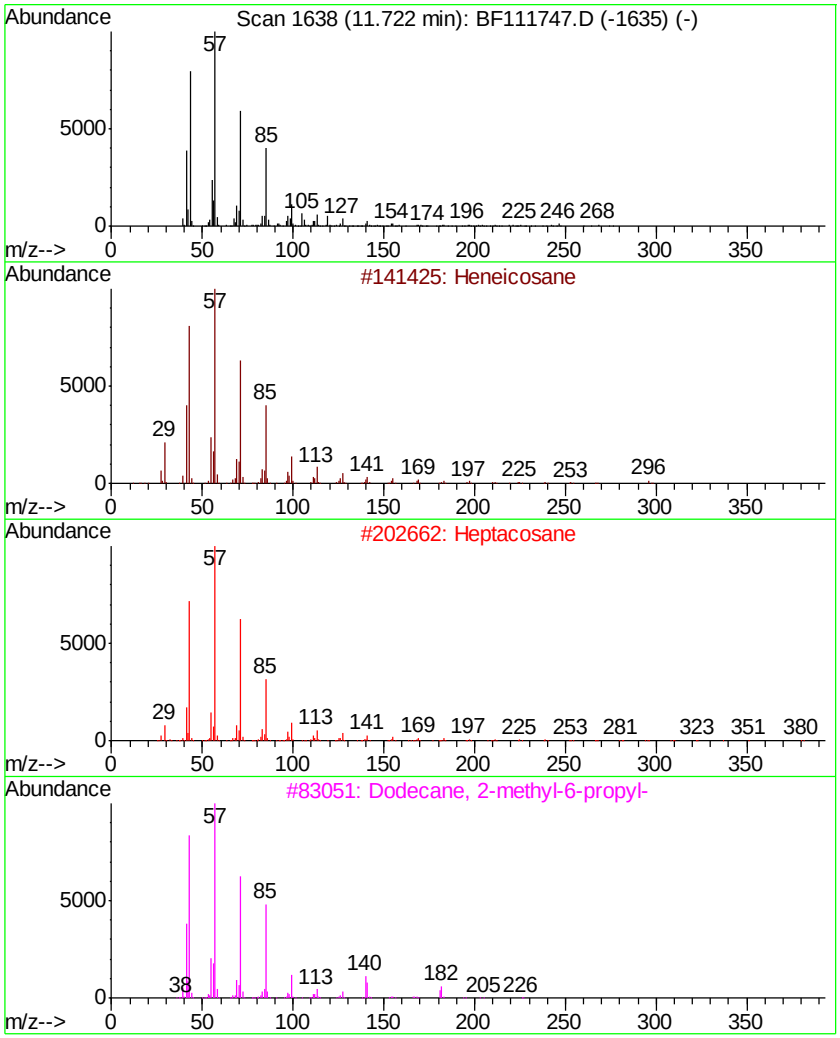
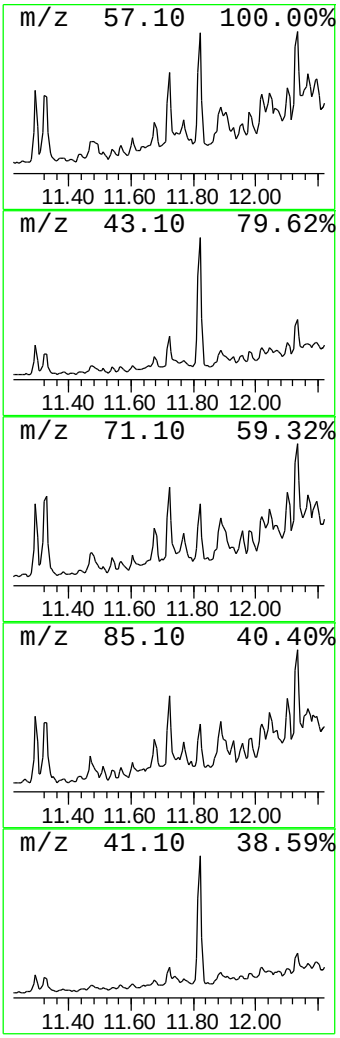
Peak Number 11 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.38 ng	512158	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

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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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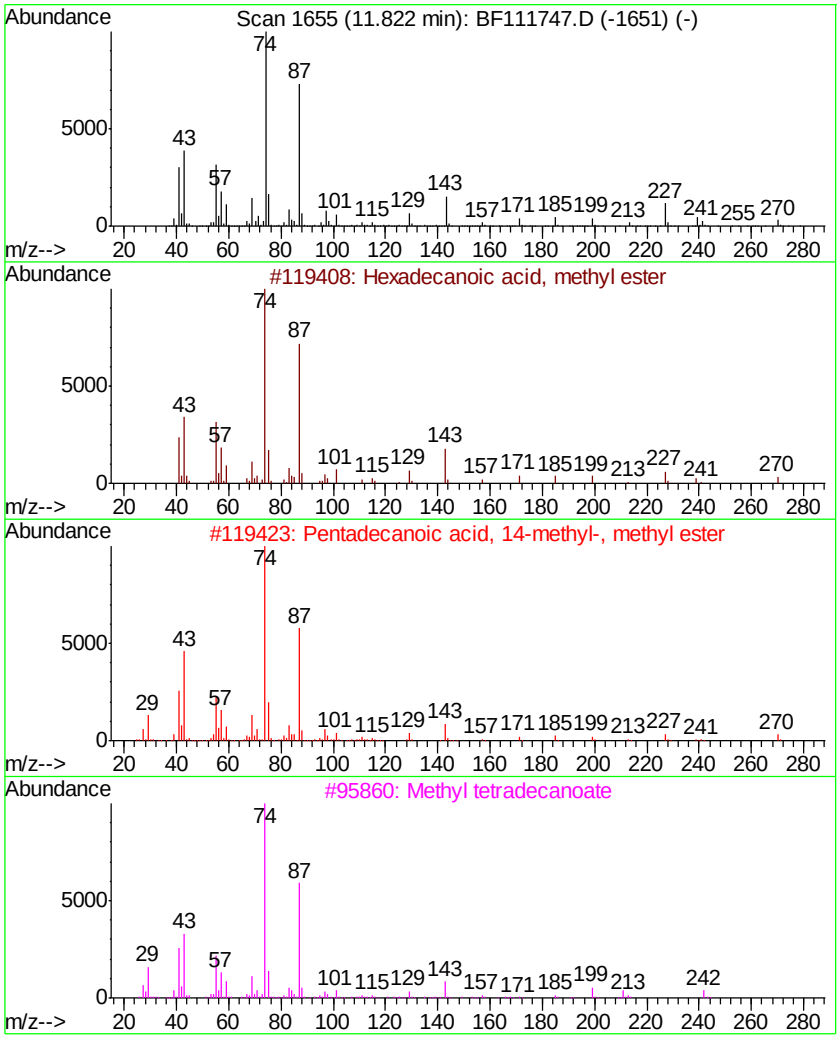
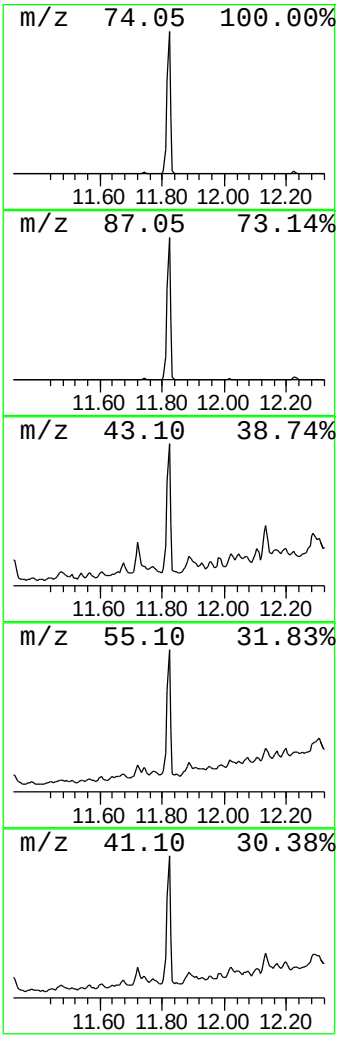
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	80.50 ng	3971570	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Library Search Compound Report

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Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

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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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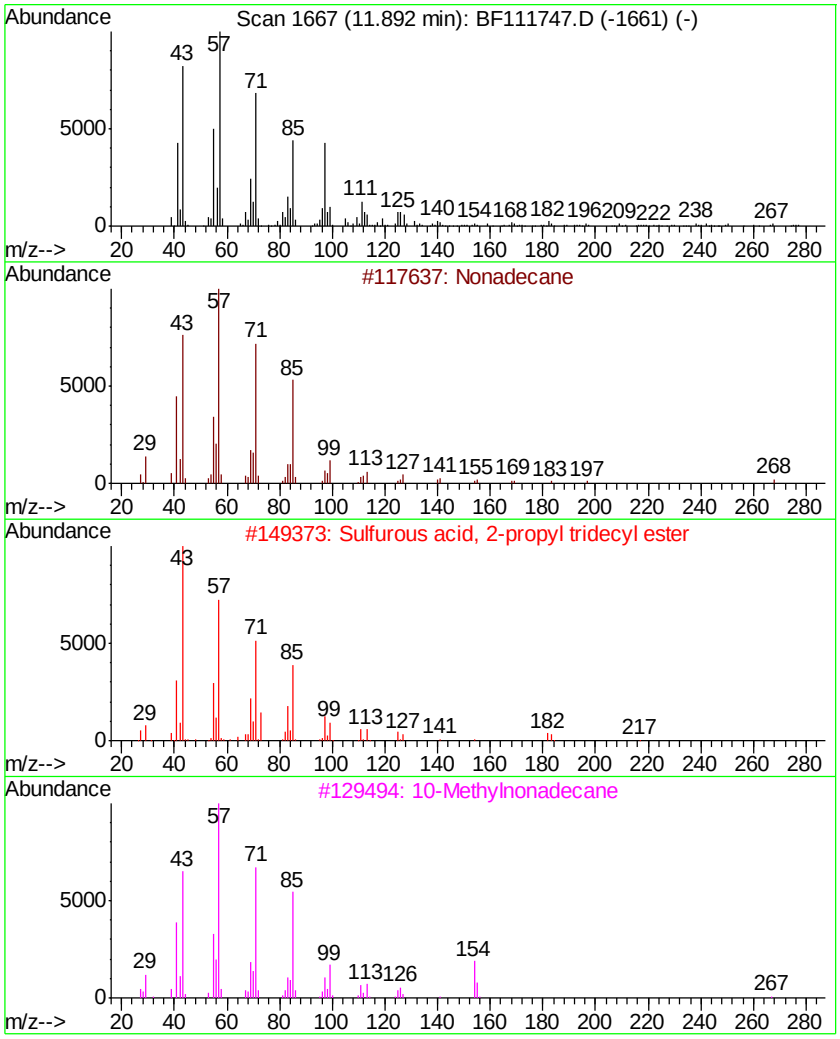
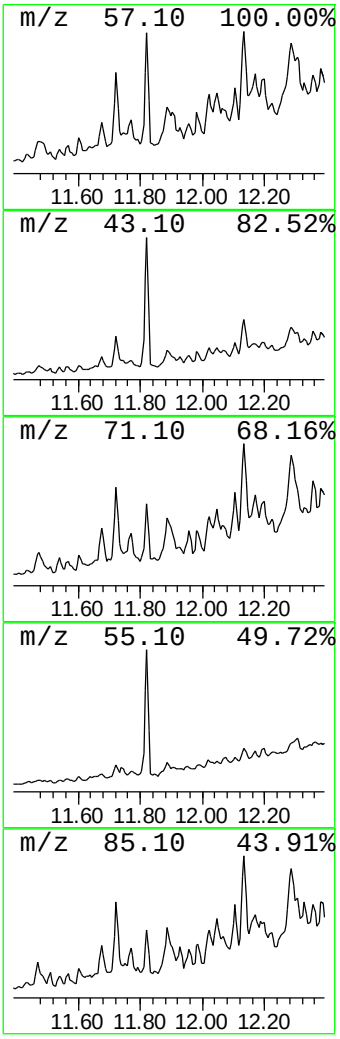
Peak Number 13 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.48 ng	615685	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
3	10-Methylnonadecane	282	C20H42	056862-62-5	64
4	Tridecane	184	C13H28	000629-50-5	62
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	62





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Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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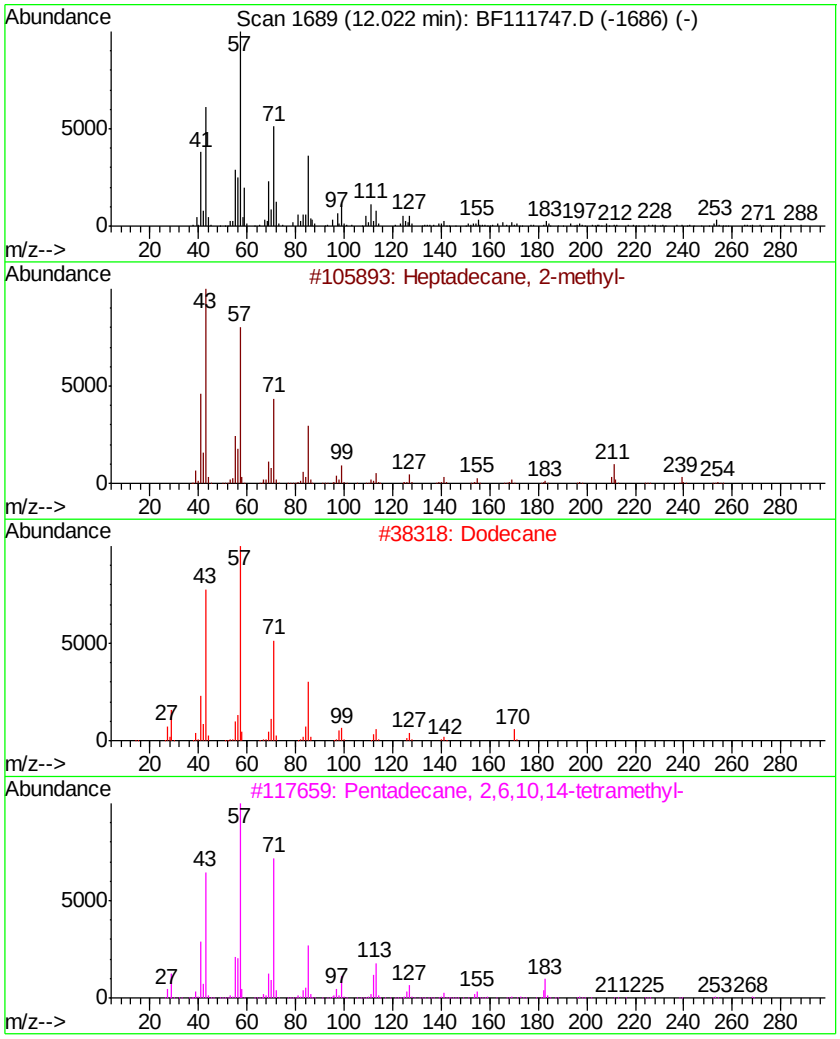
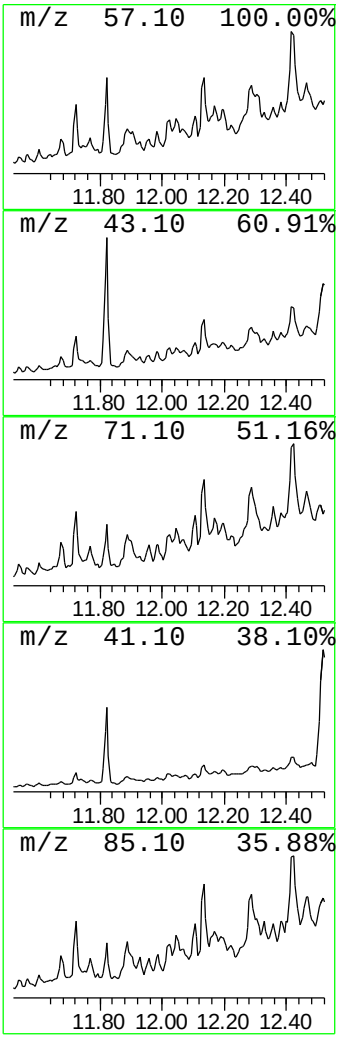
Peak Number 14 Heptadecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.47 ng	417743	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
2	Dodecane	170	C12H26	000112-40-3	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	7-Methyl-octadecane	268	C19H40	1000192-63-3	60





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Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

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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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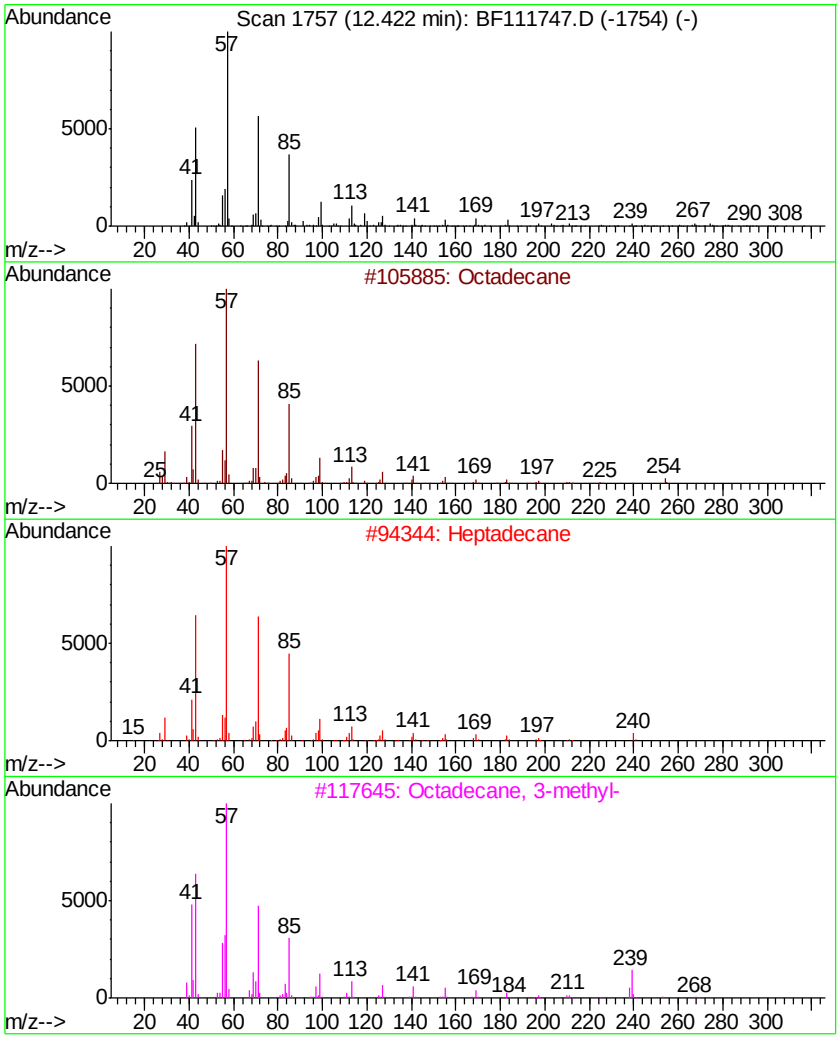
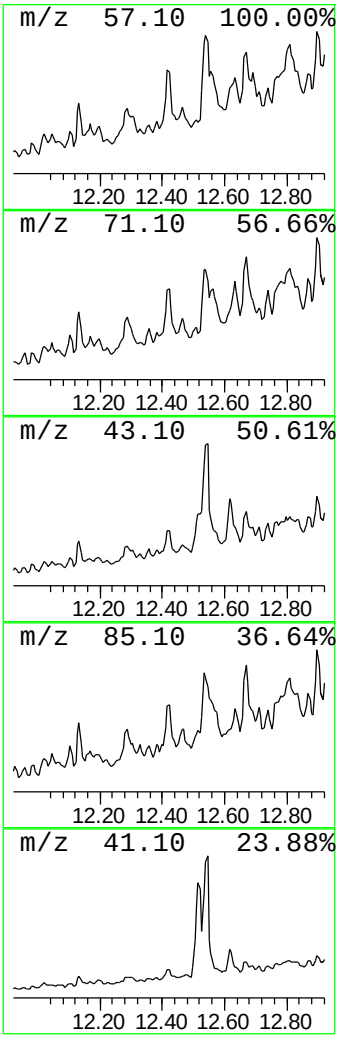
Peak Number 17 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	15.81 ng	780238	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	86
4	Docosane	310	C22H46	000629-97-0	80
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	78





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

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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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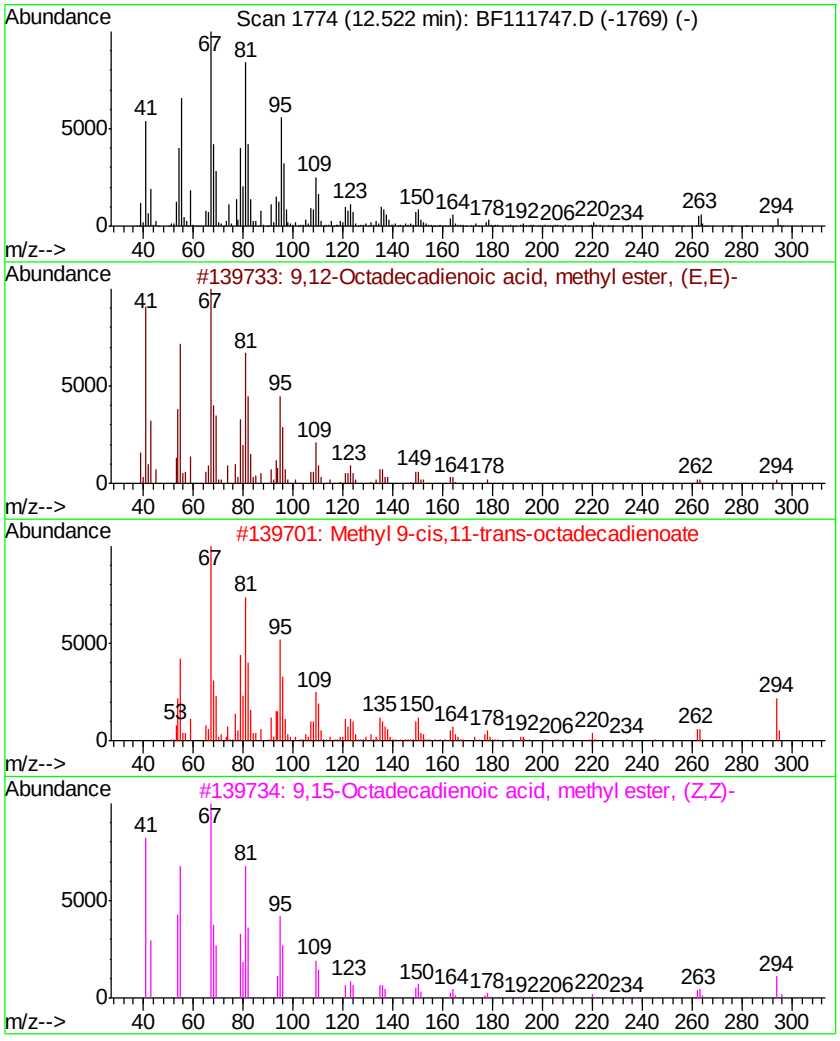
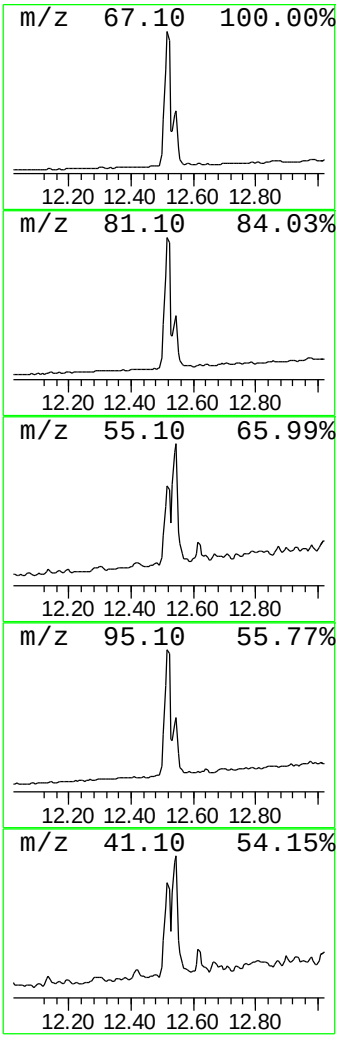
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	214.01 ng	10558400	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94





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Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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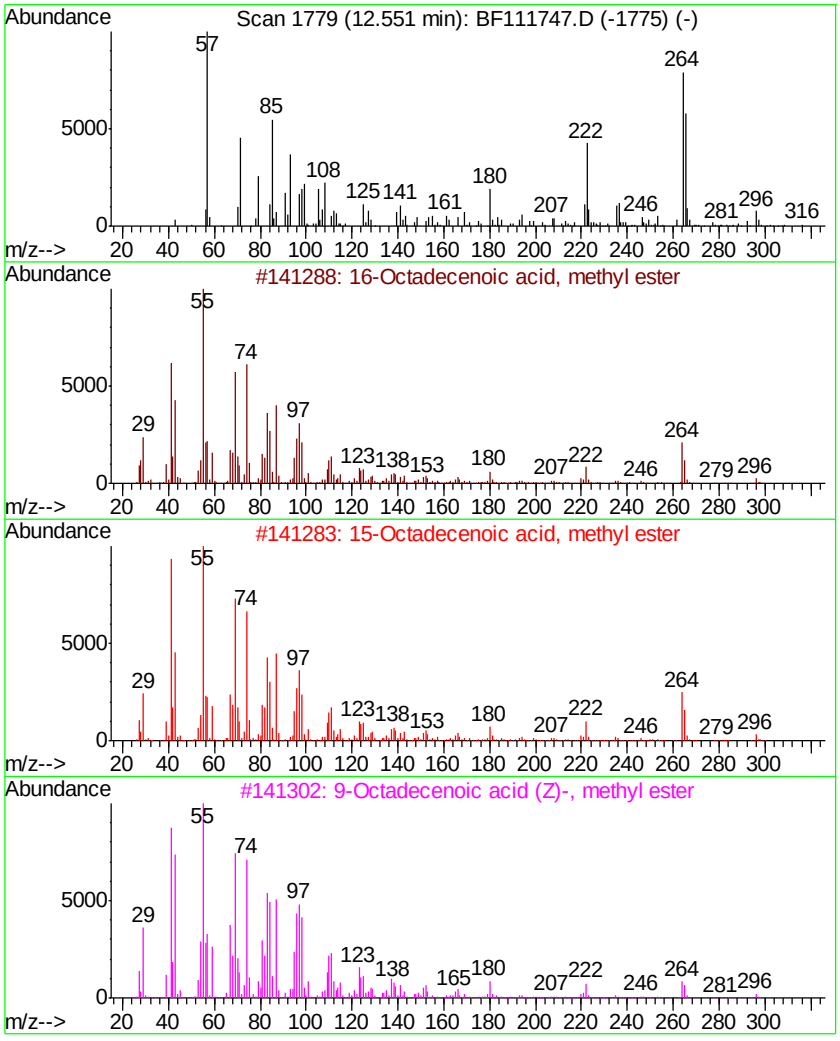
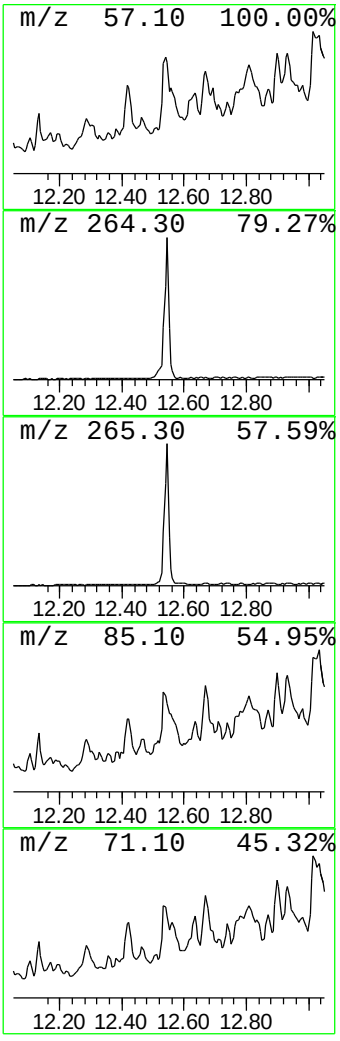
Peak Number 19 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	231.87 ng	11439800	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97





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

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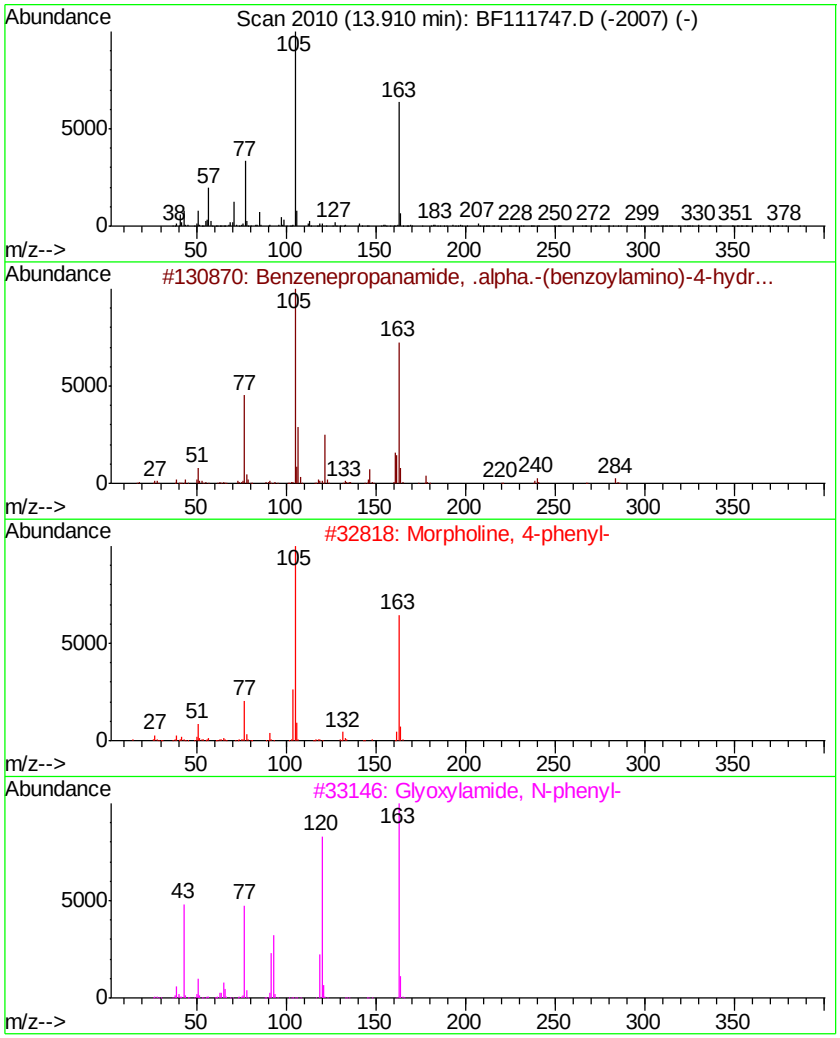
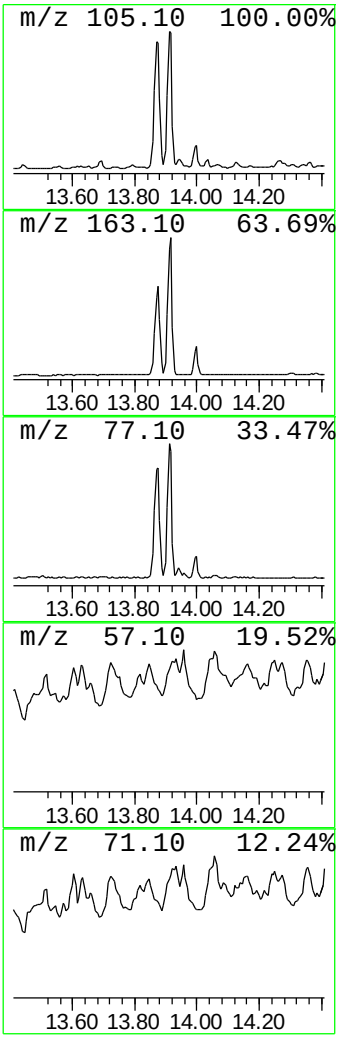
Peak Number 20 Benzenepropanamide, .alpha.... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	20.00 ng	3440550	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	59
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	53
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	43
4	Benzoic acid, 2-benzyloxy-3-brom...	348	C17H17BrO3	1000191-33-3	38
5	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	35





Tentatively Identified Compound (LSC) summary

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Data File : BF111747.D
Acq On : 27 Dec 2018 7:12
Operator : JU/SJ
Sample : J6533-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
Nonane	5.82	8.7	ng	363221	1	6.90	831591	20.0
unknown6.16	6.16	7.1	ng	295261	1	6.90	831591	20.0
unknown6.44	6.44	8.8	ng	368103	1	6.90	831591	20.0
Decane	6.75	30.3	ng	1260650	1	6.90	831591	20.0
unknown6.96	6.96	16.5	ng	686573	1	6.90	831591	20.0
Benzene, 1-methyl...	7.18	9.4	ng	391894	1	6.90	831591	20.0
Benzene, 1,3-diet...	7.22	7.9	ng	326638	1	6.90	831591	20.0
Dodecane, 2-methy...	11.29	7.7	ng	378297	4	11.43	986731	20.0
Tridecane	11.32	12.0	ng	593965	4	11.43	986731	20.0
Heneicosane	11.72	10.4	ng	512158	4	11.43	986731	20.0
Hexadecanoic acid...	11.82	80.5	ng	3971570	4	11.43	986731	20.0
Nonadecane	11.89	12.5	ng	615685	4	11.43	986731	20.0
Heptadecane, 2-me...	12.02	8.5	ng	417743	4	11.43	986731	20.0
Octadecane	12.42	15.8	ng	780238	4	11.43	986731	20.0
9,12-Octadecadien...	12.52	214.0	ng	10558400	4	11.43	986731	20.0
16-Octadecenoic a...	12.55	231.9	ng	11439800	4	11.43	986731	20.0
Benzenepropanamid...	13.91	20.0	ng	3440550	5	14.09	3440550	20.0