LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111694.D
Acq On : 21 Dec 2018 18:24
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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	2.234	19	25	33	rVB	75632	113475	1.90%	0.148%
2	3.463	231	234	247	rBV	39944	77499	1.30%	0.101%
3	4.022	322	329	334	rBV2	193236	266958	4.47%	0.347%
4	5.145	513	520	527	rBV	223821	297812	4.99%	0.388%
5	5.540	581	587	590	rVB	4999987	5465845	91.54%	7.112%
6	6.445	738	741	745	rBV	651893	558026	9.35%	0.726%
7	6.545	752	758	762	rVB	4983146	5971295	100.00%	7.770%
8	6.681	776	781	784	rBV	5893711	5639378	94.44%	7.338%
9	6.904	815	819	822	rBV	1284978	1105389	18.51%	1.438%
10	7.063	841	846	849	rVB	5122520	4480070	75.03%	5.830%
11	7.463	908	914	917	rBV	3829592	3646719	61.07%	4.745%
12	8.181	1032	1036	1040	rBV	1521137	1279452	21.43%	1.665%
13	9.263	1214	1220	1223	rBV	6145581	5805875	97.23%	7.555%
14	9.363	1232	1237	1239	rBV2	66694	73648	1.23%	0.096%
15	9.645	1282	1285	1290	rBV2	340854	360120	6.03%	0.469%
16	9.939	1331	1335	1339	rVB	1501341	1273483	21.33%	1.657%
17	10.104	1359	1363	1365	rBV	107296	98441	1.65%	0.128%
18	10.727	1464	1469	1472	rBV	3929194	3367514	56.40%	4.382%
19	10.933	1500	1504	1507	rBV4	59782	79825	1.34%	0.104%
20	10.969	1507	1510	1516	rVB	83927	90207	1.51%	0.117%
21	11.069	1524	1527	1529	rBV3	56008	63619	1.07%	0.083%
22	11.422	1584	1587	1590	rVB	1369831	1134549	19.00%	1.476%
23	11.480	1594	1597	1600	rVB2	128717	120910	2.02%	0.157%
24	11.645	1621	1625	1628	rBV3	79685	83482	1.40%	0.109%
25	11.704	1632	1635	1642	rBV4	79568	113998	1.91%	0.148%
26	11.792	1647	1650	1652	rBV	88938	69532	1.16%	0.090%
27	11.951	1672	1677	1680	rBV	783503	800212	13.40%	1.041%
28	11.980	1680	1682	1687	rVB2	123691	115871	1.94%	0.151%
29	12.127	1704	1707	1712	rVB3	87852	116420	1.95%	0.151%
30	12.251	1725	1728	1731	rVB	82205	73929	1.24%	0.096%
31	12.286	1731	1734	1738	rBV2	102148	95479	1.60%	0.124%
32	12.463	1761	1764	1768	rBV3	73820	88478	1.48%	0.115%
33	12.516	1770	1773	1776	rVV	152351	174270	2.92%	0.227%
34	12.557	1777	1780	1785	rVB3	183920	201671	3.38%	0.262%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.686	1798	1802	1805	rVB2	153403	219055	3.67%	0.285%
36	12.733	1807	1810	1814	rBV2	351045	308102	5.16%	0.401%
37	12.886	1833	1836	1840	rVB	113745	100411	1.68%	0.131%
38	13.010	1852	1857	1860	rBV	4600844	4260921	71.36%	5.544%
39	13.104	1870	1873	1876	rBV	153770	141599	2.37%	0.184%
40	13.145	1876	1880	1884	rVV	286982	323236	5.41%	0.421%
41	13.198	1885	1889	1890	rVV	481035	452803	7.58%	0.589%
42	13.239	1894	1896	1900	rVB	689547	630402	10.56%	0.820%
43	13.386	1917	1921	1924	rBV	520957	467593	7.83%	0.608%
44	13.416	1924	1926	1929	rBV2	123369	100248	1.68%	0.130%
45	13.492	1936	1939	1947	rVB4	214293	263720	4.42%	0.343%
46	13.563	1947	1951	1952	rBV2	108563	133123	2.23%	0.173%
47	13.586	1952	1955	1961	rVB2	359118	563986	9.44%	0.734%
48	13.698	1971	1974	1979	rVB2	366528	364508	6.10%	0.474%
49	13.751	1980	1983	1985	rBV2	134987	159850	2.68%	0.208%
50	13.904	2004	2009	2010	rBV	2326863	2857950	47.86%	3.719%
51	14.033	2028	2031	2032	rBV	121285	120896	2.02%	0.157%
52	14.063	2032	2036	2039	rVV	998029	924461	15.48%	1.203%
53	14.098	2039	2042	2044	rVB	388462	360558	6.04%	0.469%
54	14.168	2051	2054	2058	rBV	235326	233482	3.91%	0.304%
55	14.227	2061	2064	2069	rVB2	466402	589399	9.87%	0.767%
56	14.315	2076	2079	2082	rBV3	183959	195476	3.27%	0.254%
57	14.351	2082	2085	2089	rVB	665339	624244	10.45%	0.812%
58	14.539	2113	2117	2123	rBV	5454608	5610722	93.96%	7.301%
59	14.592	2123	2126	2130	rVB2	249551	233355	3.91%	0.304%
60	14.663	2135	2138	2141	rBV	170124	155580	2.61%	0.202%
61	14.845	2167	2169	2178	rVB3	530321	876972	14.69%	1.141%
62	14.992	2191	2194	2199	rVB	1118741	1146708	19.20%	1.492%
63	15.204	2224	2230	2231	rBV	2999474	4185801	70.10%	5.447%
64	15.274	2240	2242	2247	rVB	472869	539238	9.03%	0.702%
65	15.362	2255	2257	2266	rVB	182573	222976	3.73%	0.290%
66	15.545	2284	2288	2291	rBV	492160	542534	9.09%	0.706%
67	15.586	2292	2295	2298	rBV	204775	227285	3.81%	0.296%
68	15.792	2325	2330	2339	rVB	1044207	1466263	24.56%	1.908%
69	16.039	2367	2372	2376	rBV	749497	1139518	19.08%	1.483%
70	16.080	2376	2379	2385	rVV	413865	584620	9.79%	0.761%
71	16.157	2389	2392	2397	rVB	368588	466444	7.81%	0.607%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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

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Peak separation: 5

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

72	16.280	2410	2413	2415	rBV3	199911	277921	4.65%	0.362%
73	16.856	2505	2511	2518	rVB	792973	1474488	24.69%	1.919%

Sum of corrected areas: 76849899

LSC Report - Integrated Chromatogram

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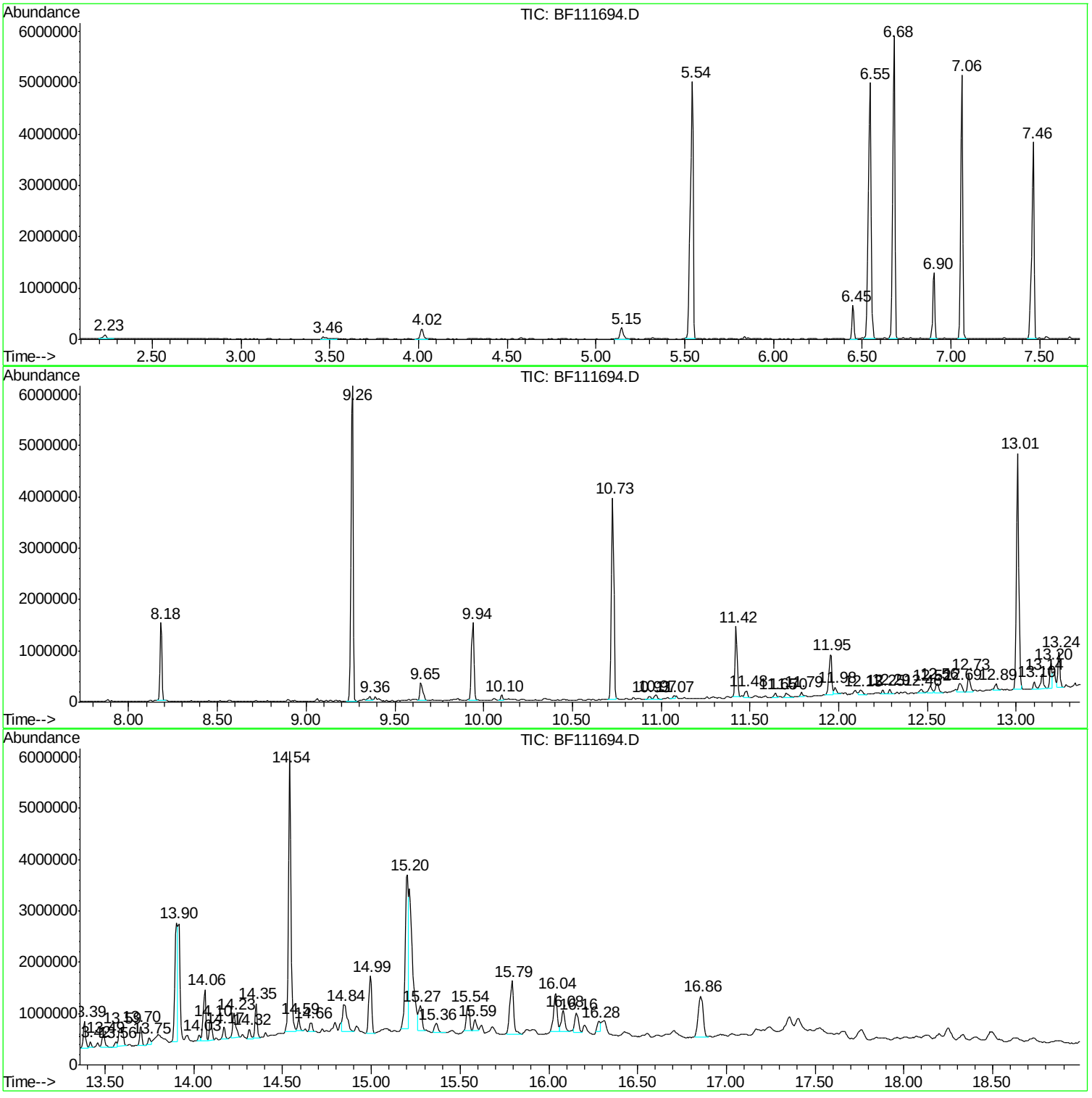
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

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\BF122118\
Data File : BF111694.D
Acq On : 21 Dec 2018 18:24
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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

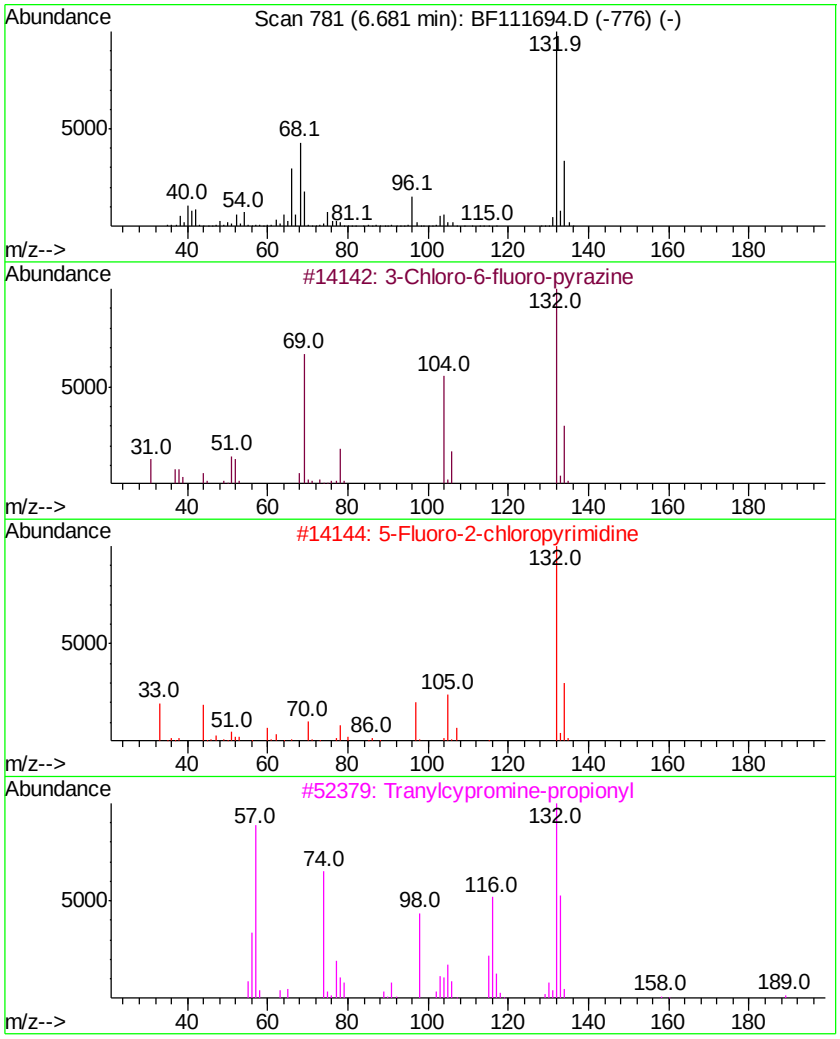
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

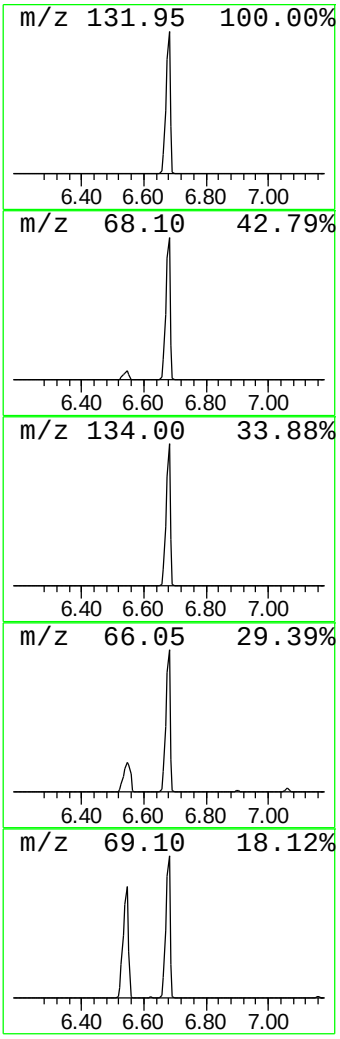
****

Peak Number 1 unknown6.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	102.03 ng	5639380	1,4-Dichlorobenzene-d4	6.90

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111694.D
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Operator : JU/SJ
Sample : J6391-09
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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

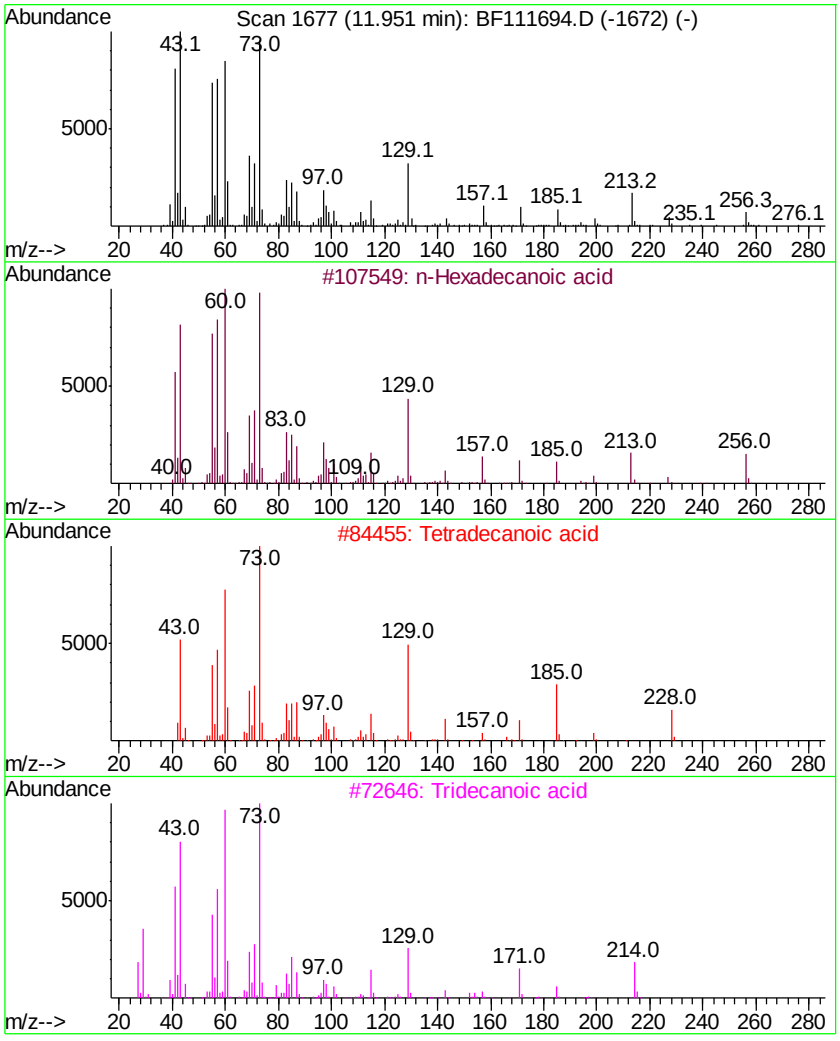
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

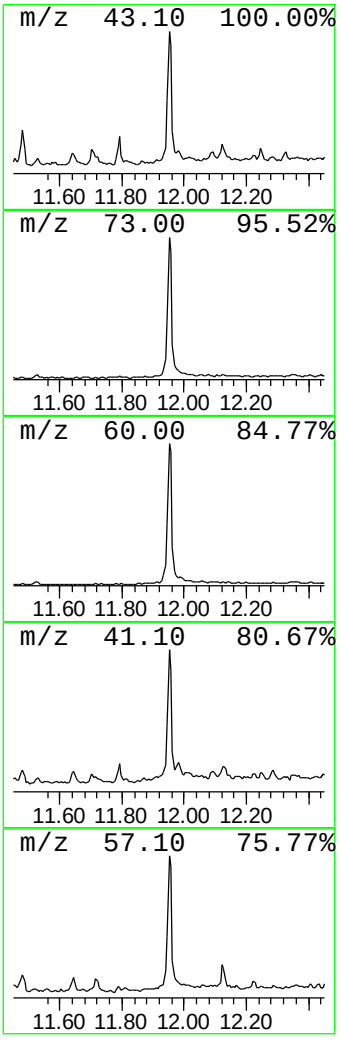
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	14.11 ng	800212	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111694.D
Acq On : 21 Dec 2018 18:24
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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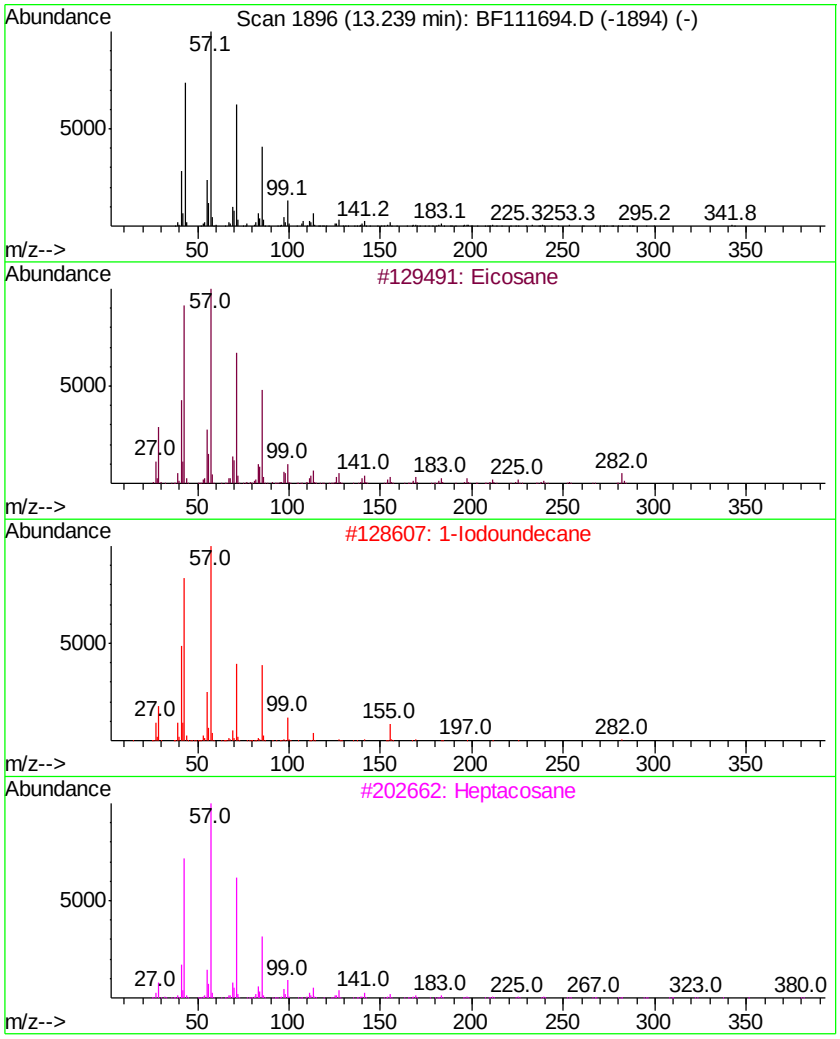
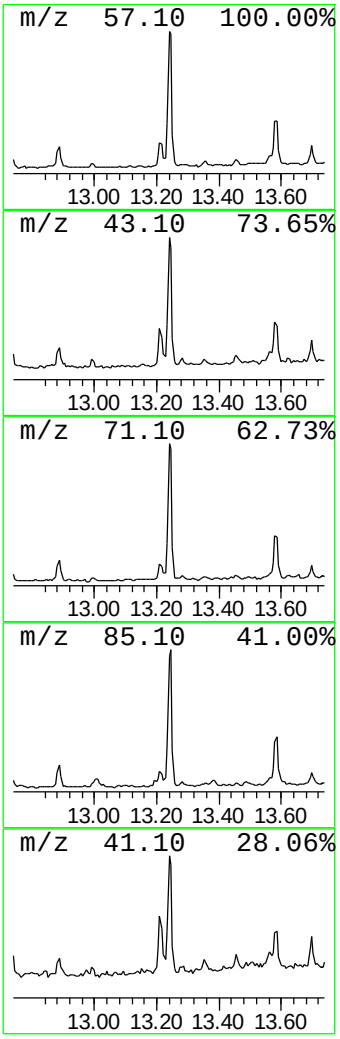
Peak Number 4 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	13.64 ng	630402	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	1-Iodoundecane	282	C11H23I	004282-44-4	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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ClientSampleId : P001-SS016-0612-01

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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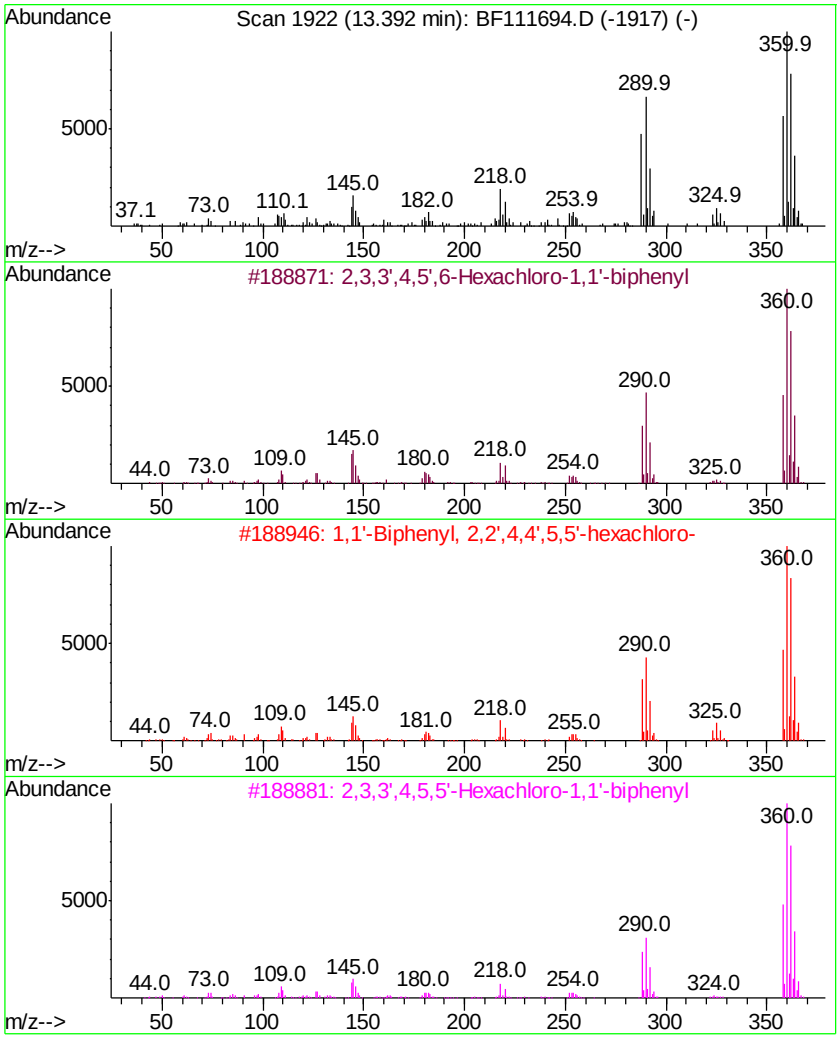
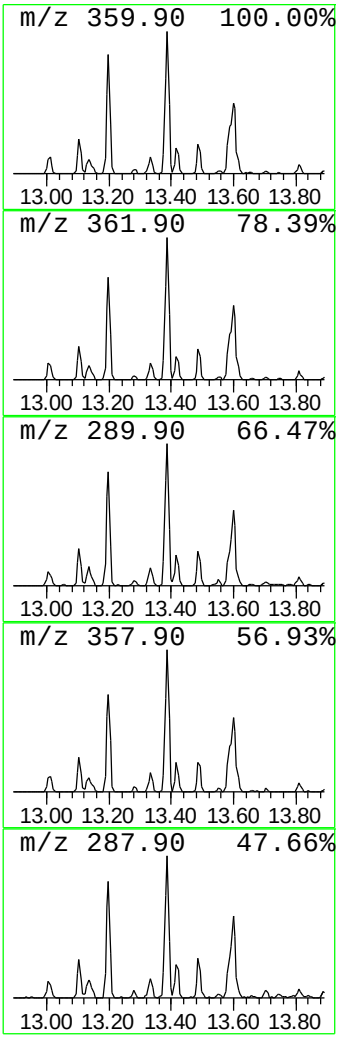
Peak Number 5 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	10.12 ng	467593	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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

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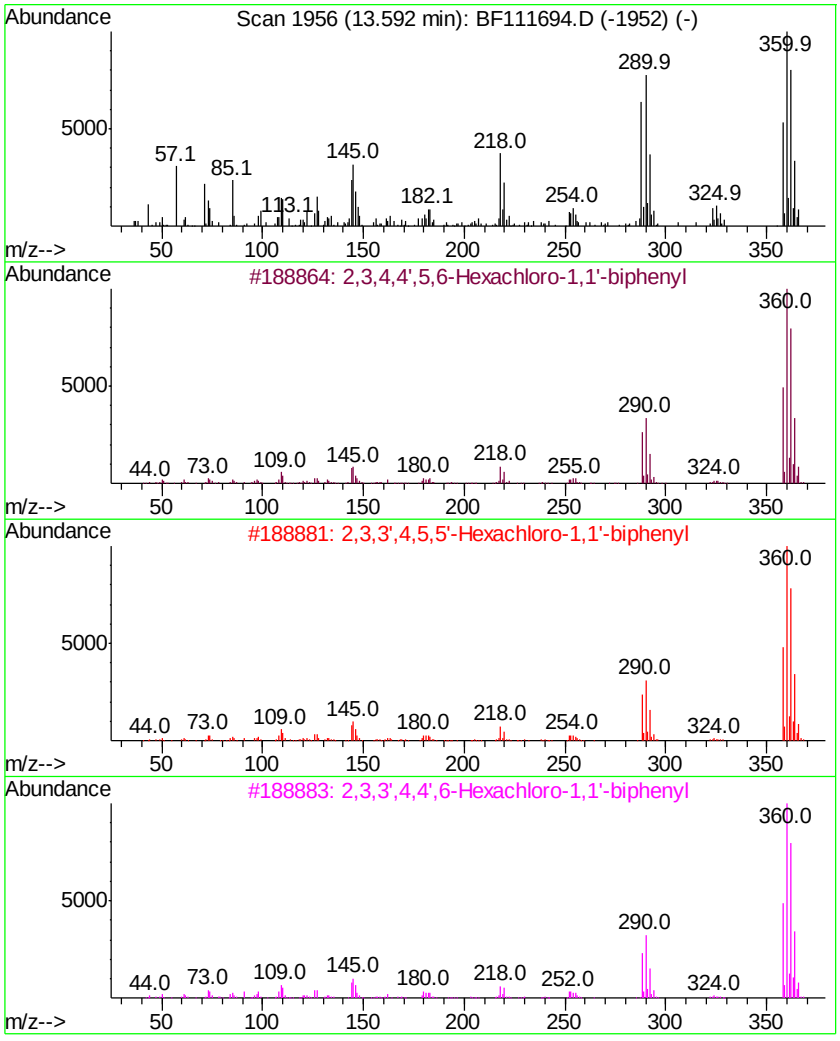
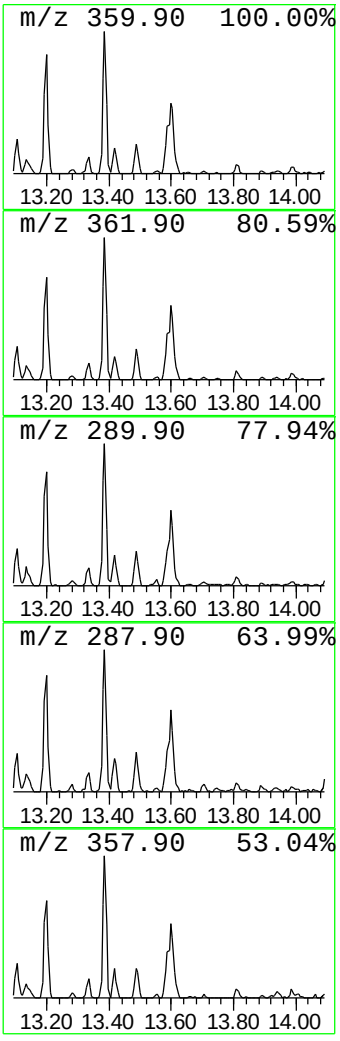
****

Peak Number 6 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	12.20 ng	563986	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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

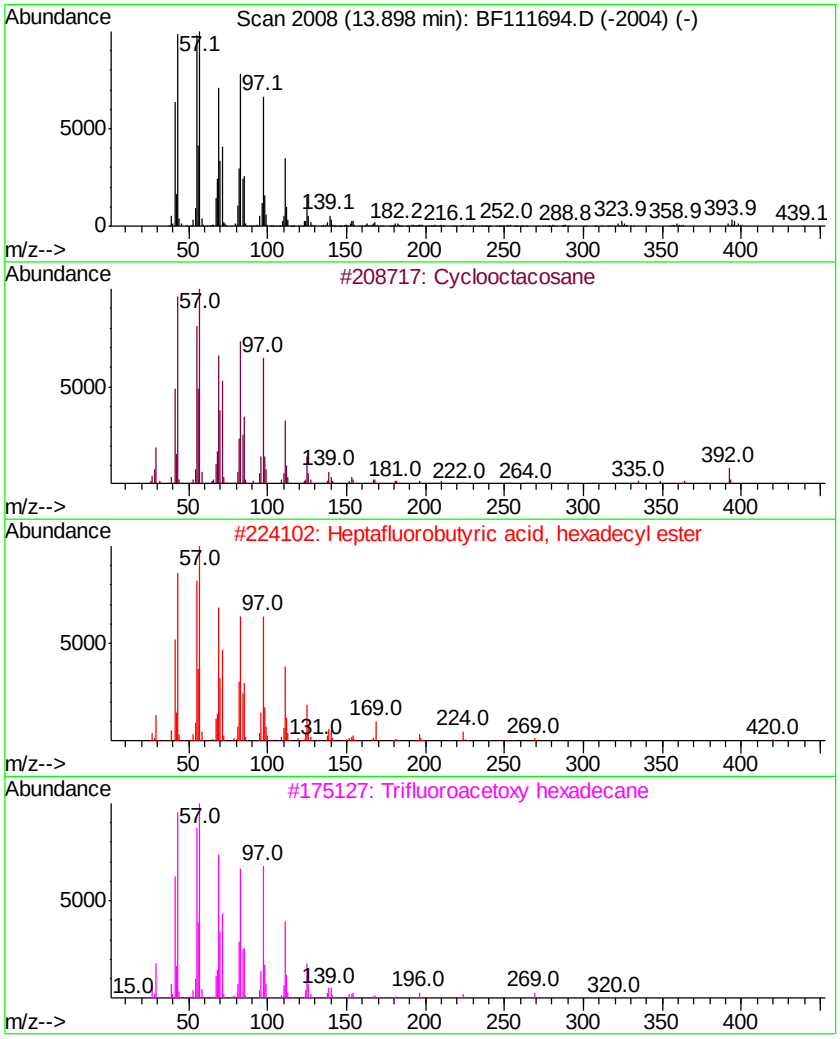
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

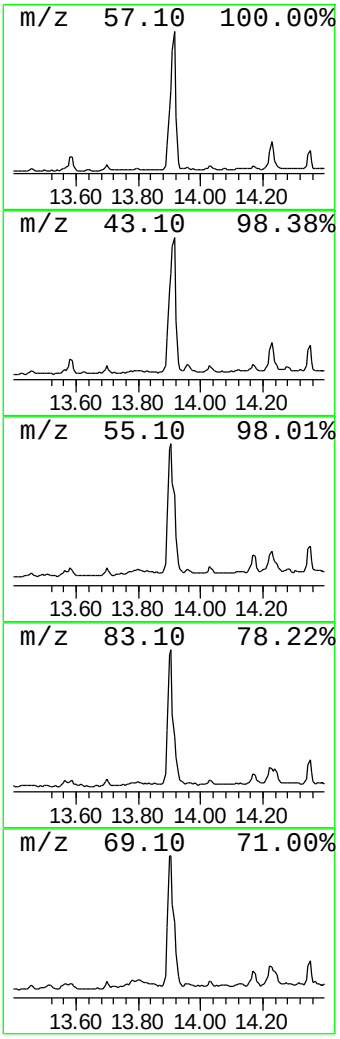
****

Peak Number 7 Cyclooctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	61.83 ng	2857950	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	96
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Library Search Compound Report

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Acq On : 21 Dec 2018 18:24
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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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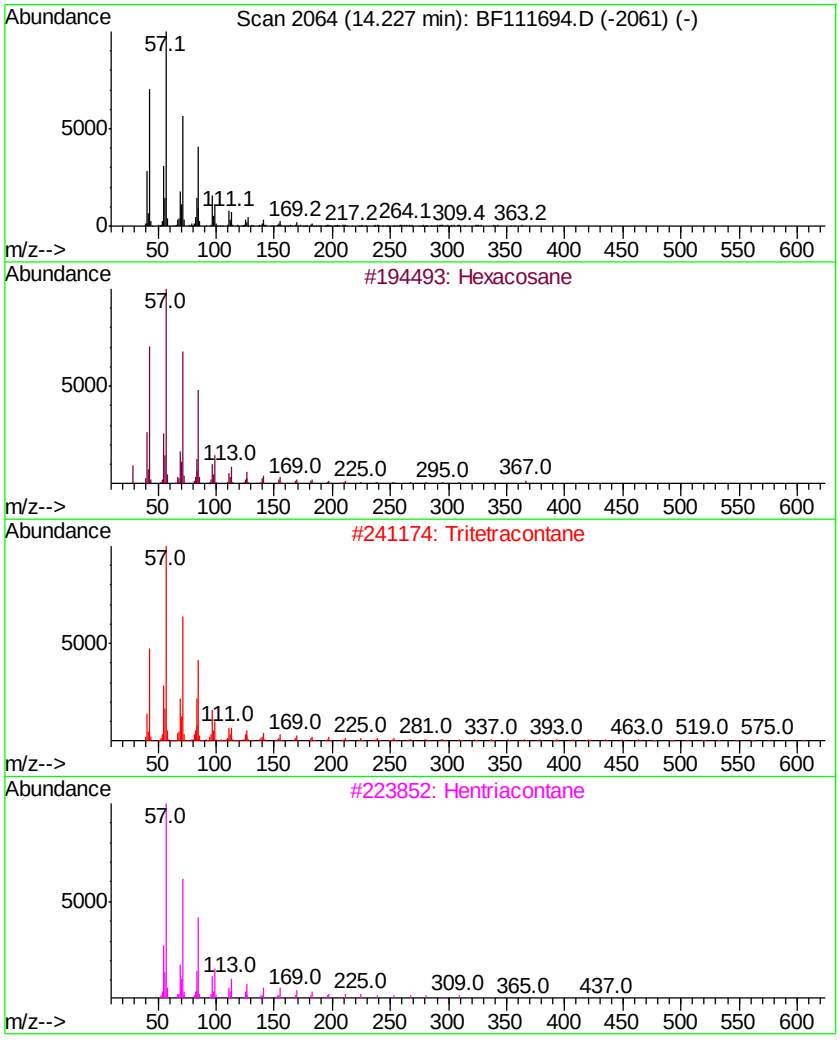
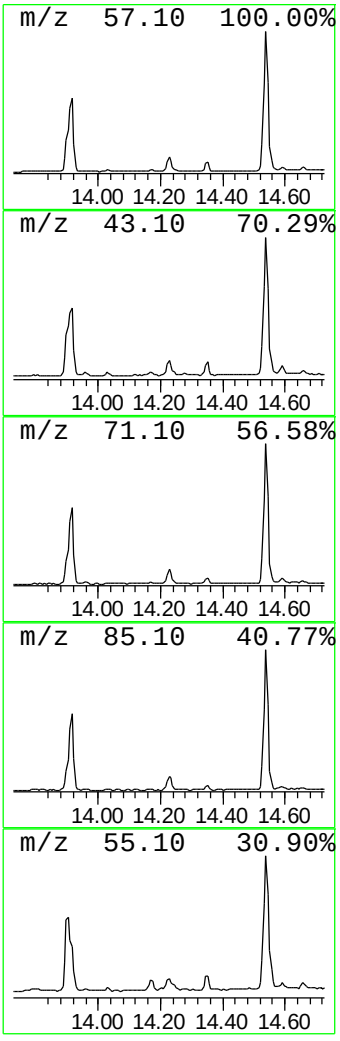
Peak Number 8 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	12.75 ng	589399	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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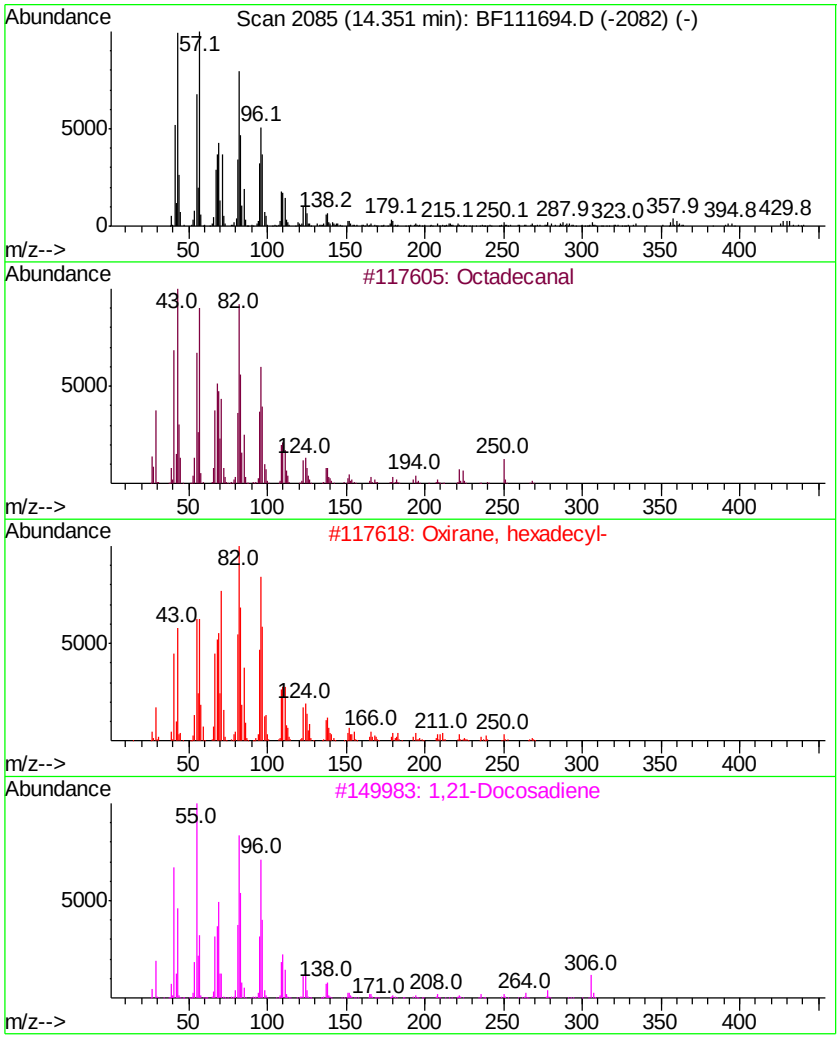
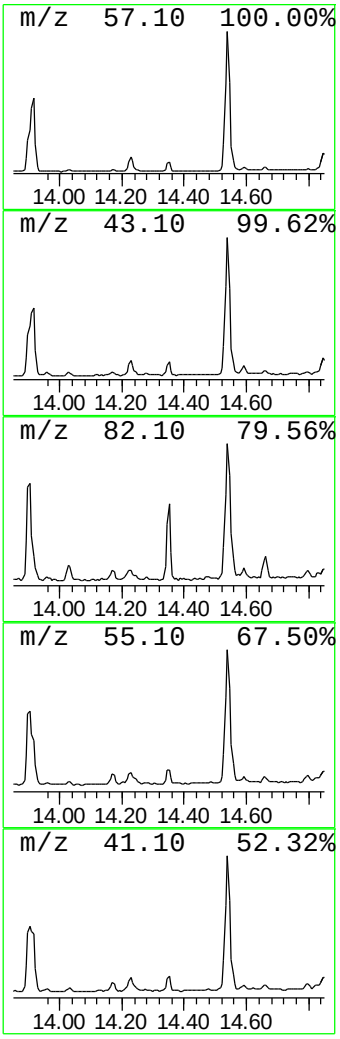
Peak Number 9 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	13.51 ng	624244	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	1,21-Docosadiene	306	C22H42	053057-53-7	94
4	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	94
5	1,19-Eicosadiene	278	C20H38	014811-95-1	91





Library Search Compound Report

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Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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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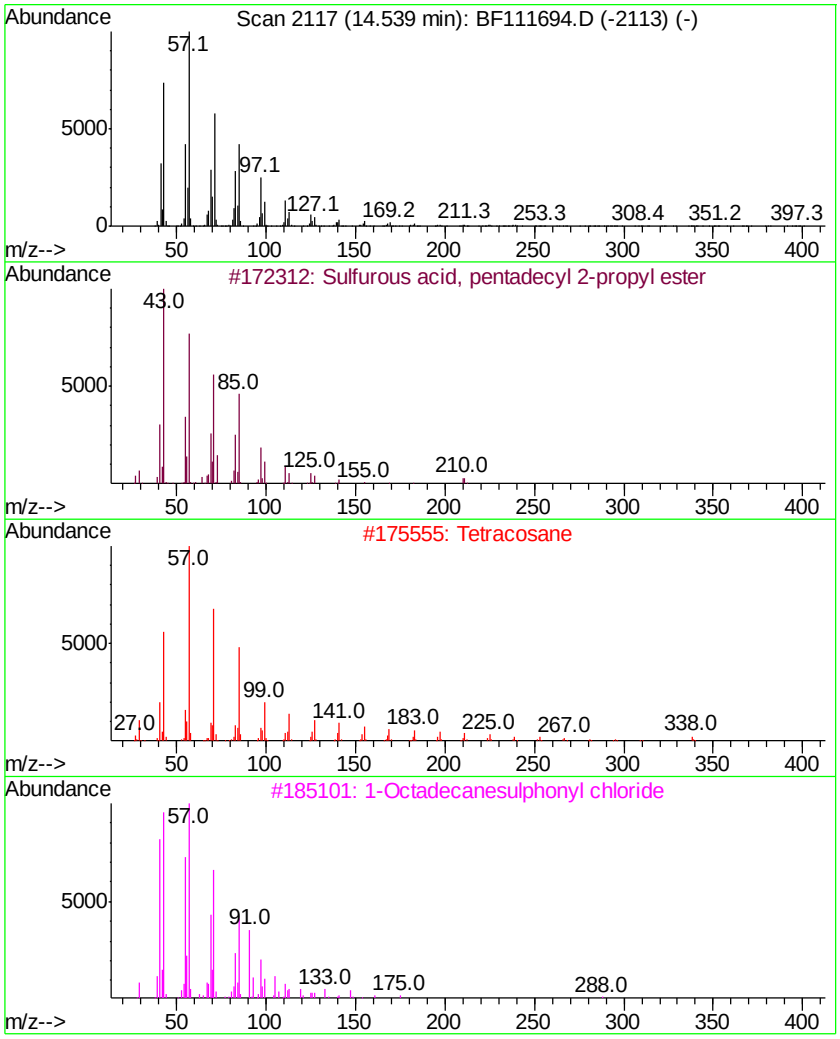
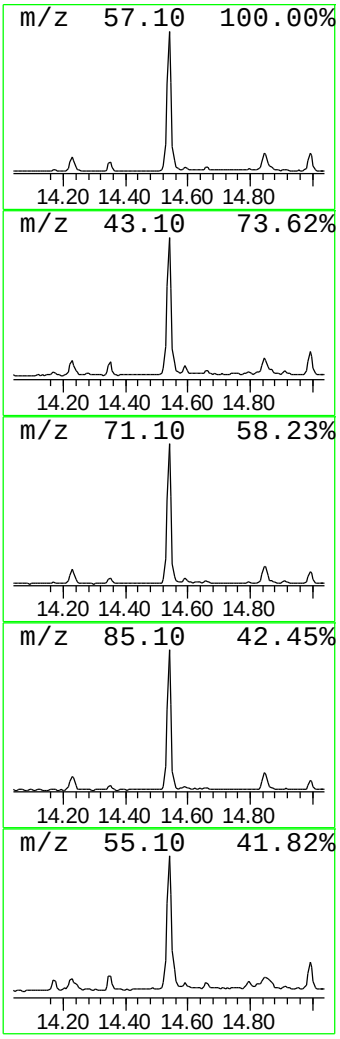
Peak Number 10 Sulfurous acid, pentadecyl ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	121.38 ng	5610720	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
5	Nonadecane	268	C19H40	000629-92-5	74





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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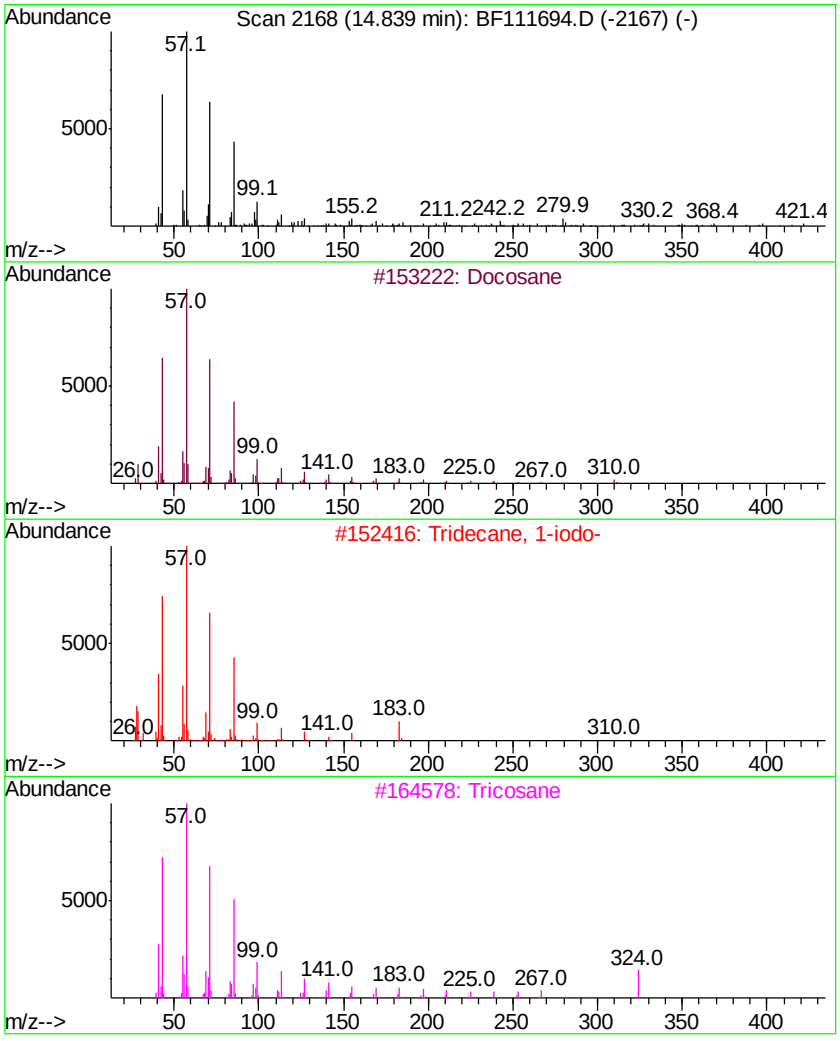
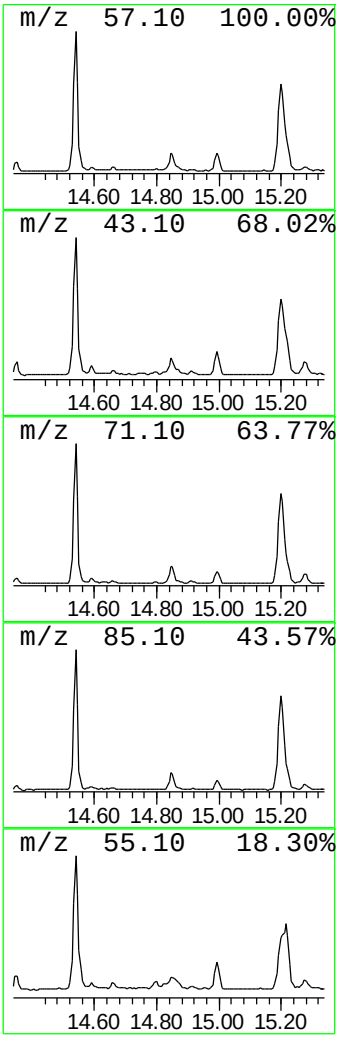
Peak Number 11 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	32.33 ng	876972	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3	Tricosane	324	C23H48	000638-67-5	94
4	Heptacosane	380	C27H56	000593-49-7	91
5	Eicosane	282	C20H42	000112-95-8	90





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : P001-SS016-0612-01

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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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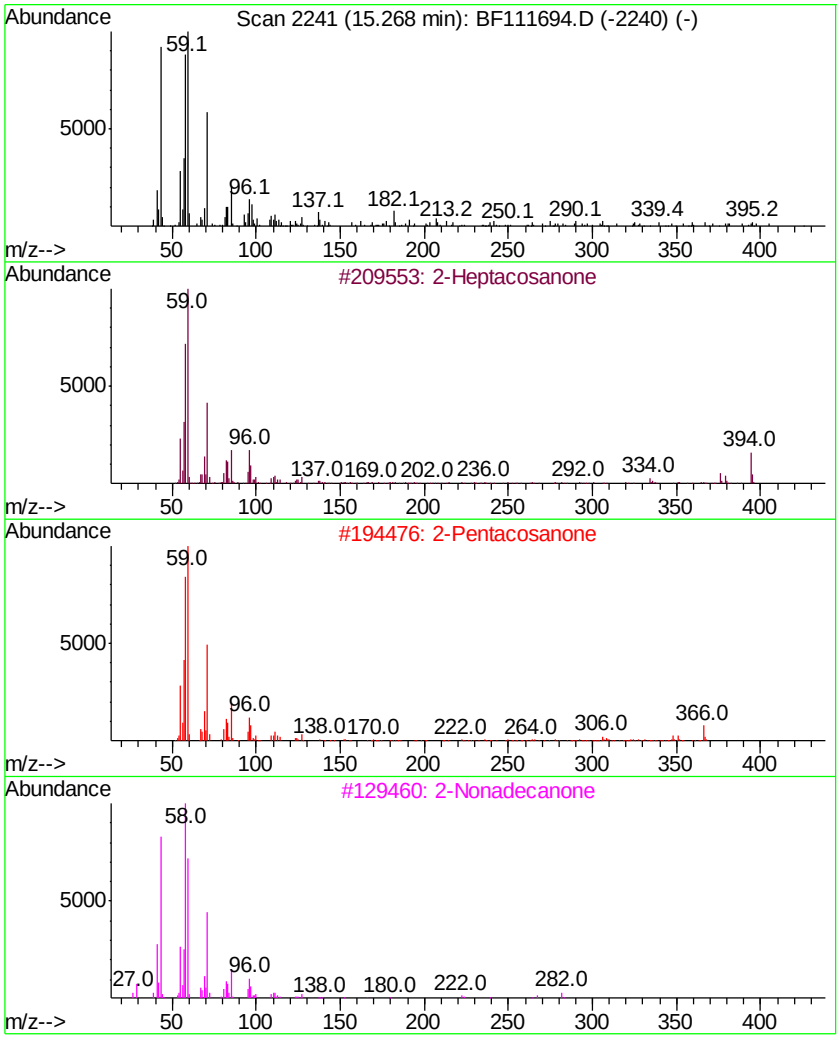
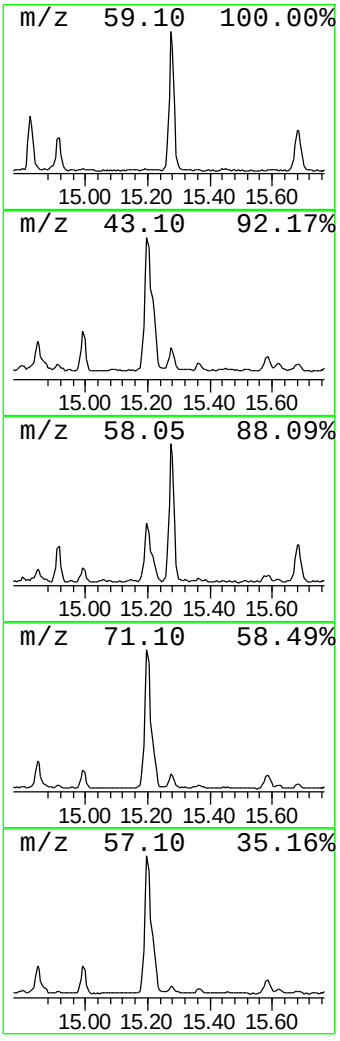
Peak Number 14 2-Heptacosanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	19.88 ng	539238	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	83
2	2-Pentacosanone	366	C25H50O	075207-54-4	83
3	2-Nonadecanone	282	C19H38O	000629-66-3	58
4	2-Tridecanone	198	C13H26O	000593-08-8	53
5	2-Pentadecanone	226	C15H30O	002345-28-0	45





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Sample : J6391-09
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ClientSampleId : P001-SS016-0612-01

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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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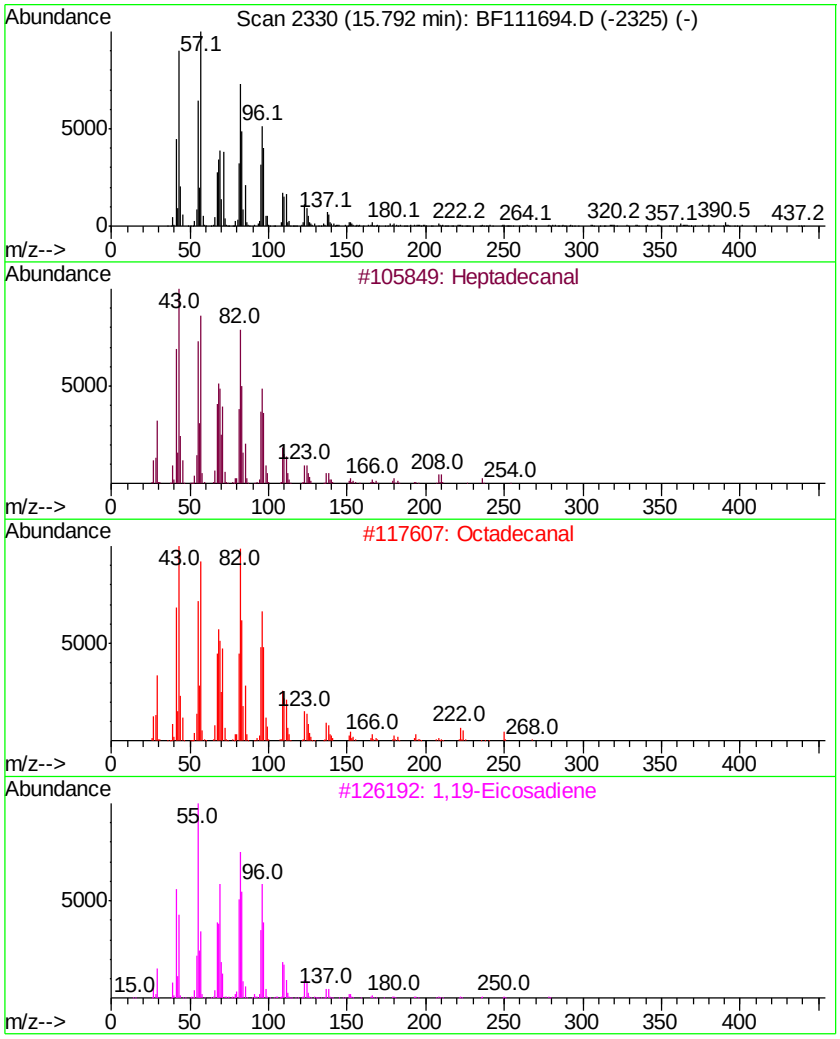
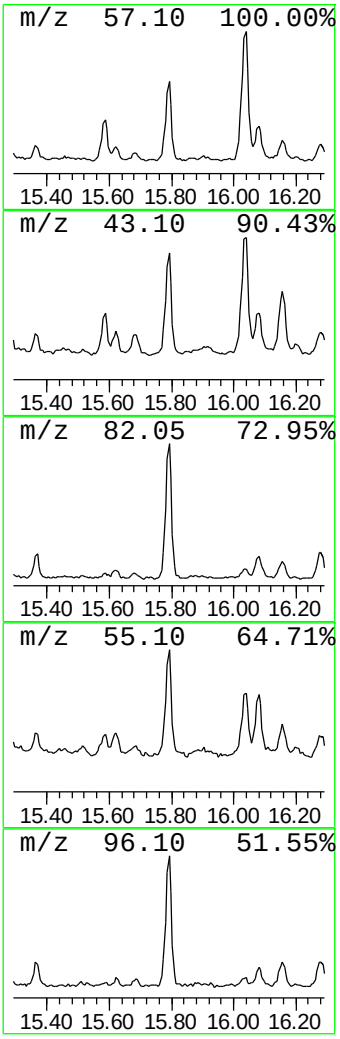
Peak Number 15 Heptadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	54.05 ng	1466260	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	1,19-Eicosadiene	278	C20H38	014811-95-1	91
4	Tetracosanal	352	C24H48O	057866-08-7	87
5	12-Octadecenal	266	C18H34O	056554-91-7	86





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Sample : J6391-09
Misc :
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ClientSampleId : P001-SS016-0612-01

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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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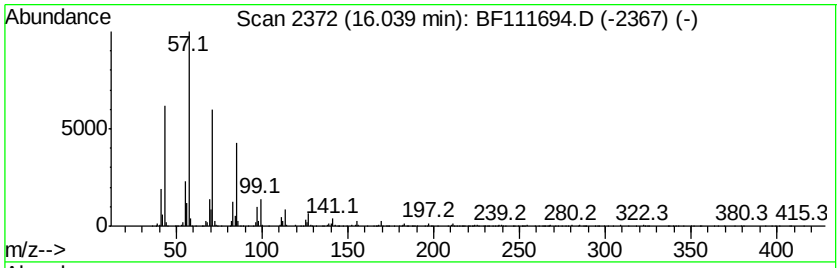
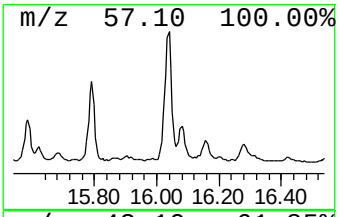
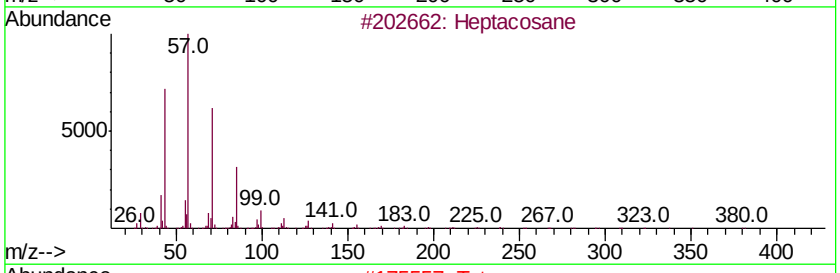
Peak Number 16 Heptacosane Concentration Rank 9

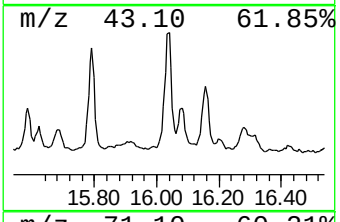
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	42.01 ng	1139520	Perylene-d12	15.54

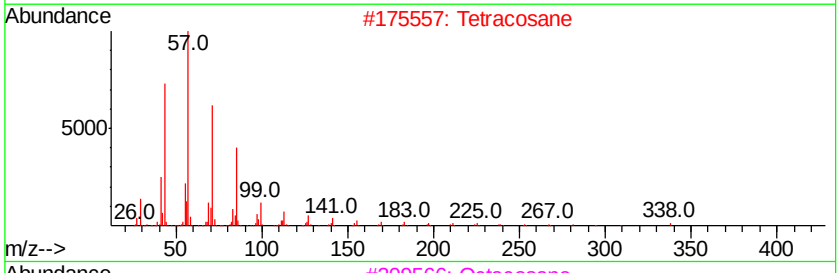
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90

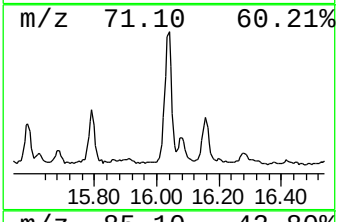


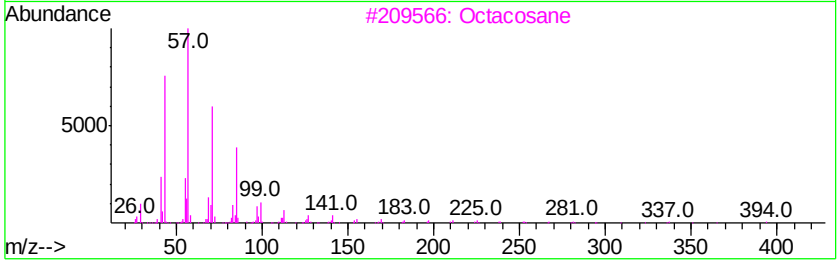


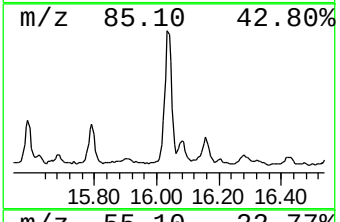


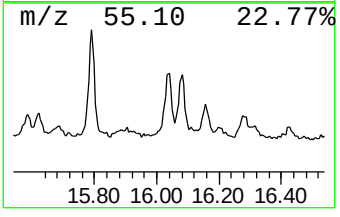












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Acq On : 21 Dec 2018 18:24
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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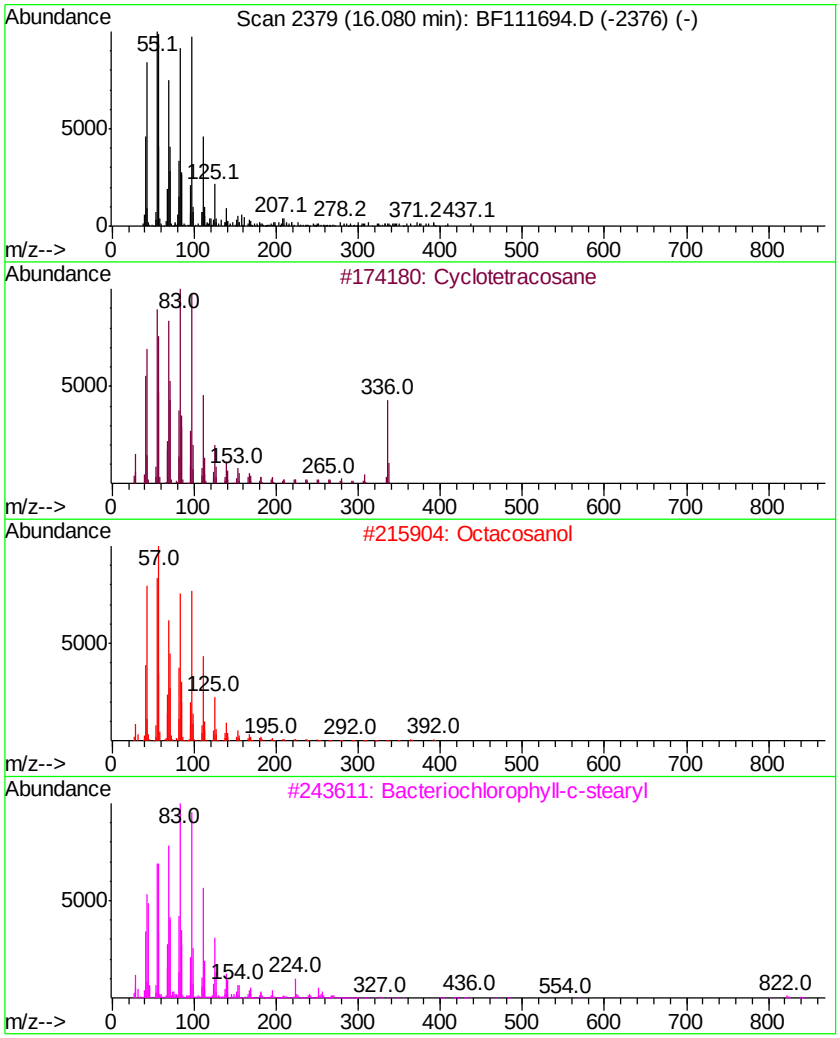
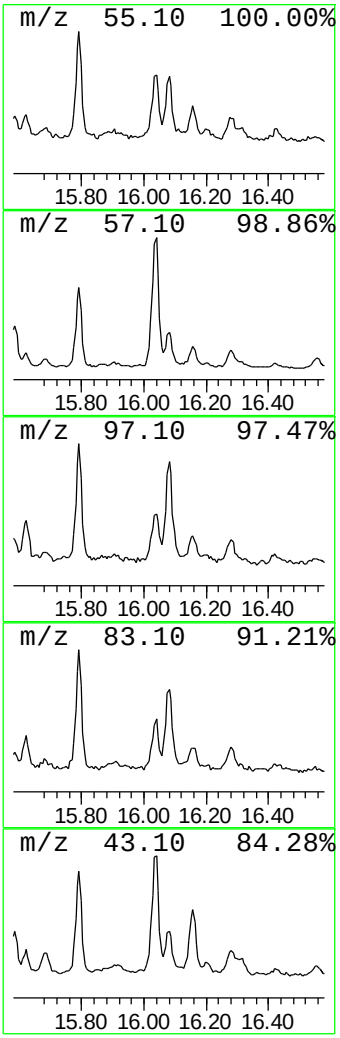
Peak Number 17 Cyclotetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	21.55 ng	584620	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Octacosanol	410	C28H58O	000557-61-9	90
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	86
4	1-Octadecanethiol	286	C18H38S	002885-00-9	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	72





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Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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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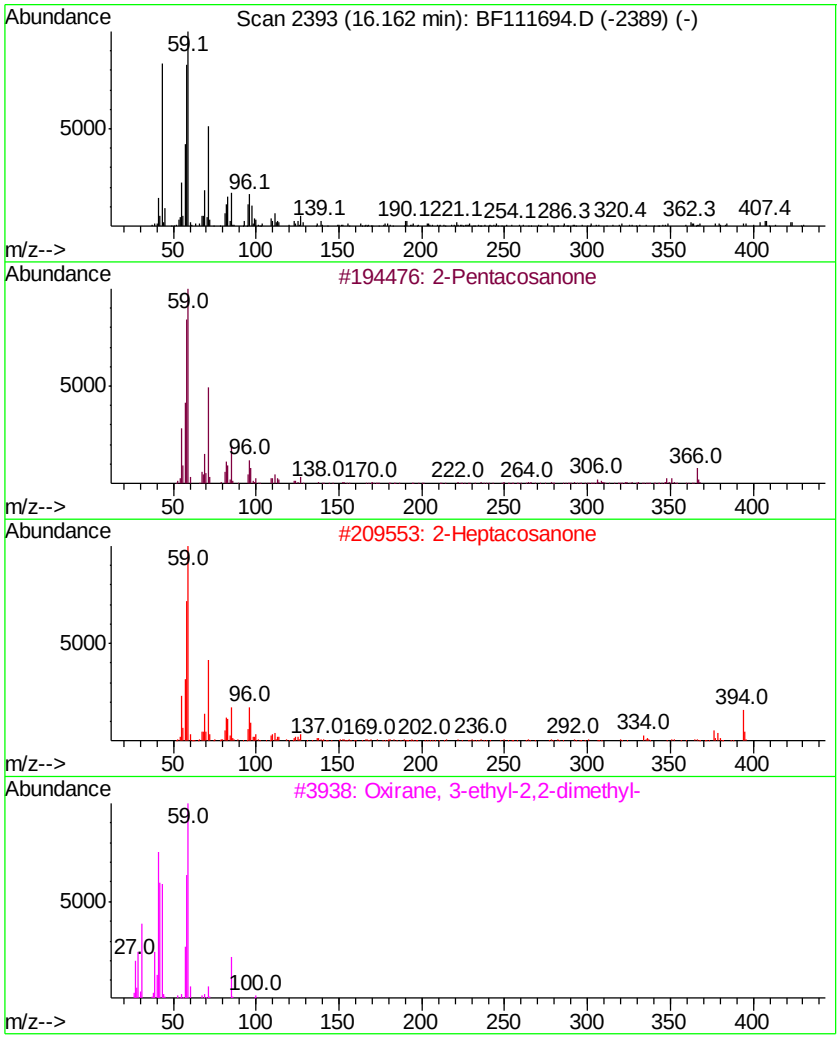
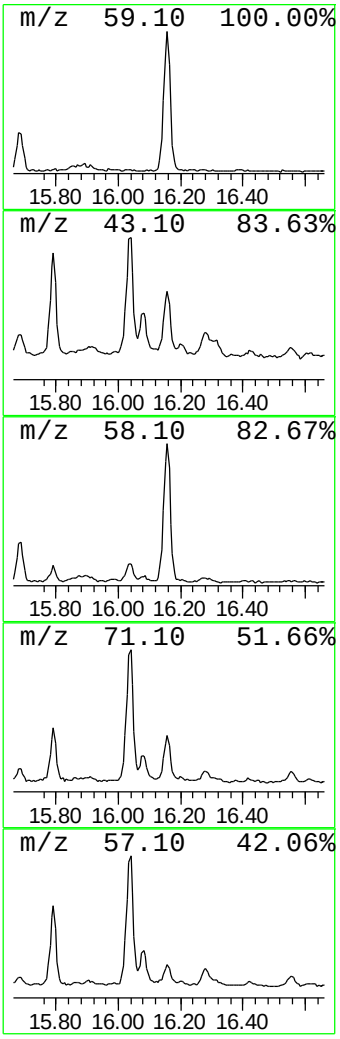
Peak Number 18 2-Pentacosanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	17.20 ng	466444	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	86
2	2-Heptacosanone	394	C27H54O	007796-19-2	64
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	59
4	2-Nonadecanone	282	C19H38O	000629-66-3	49
5	9-Decen-2-one	154	C10H18O	035194-30-0	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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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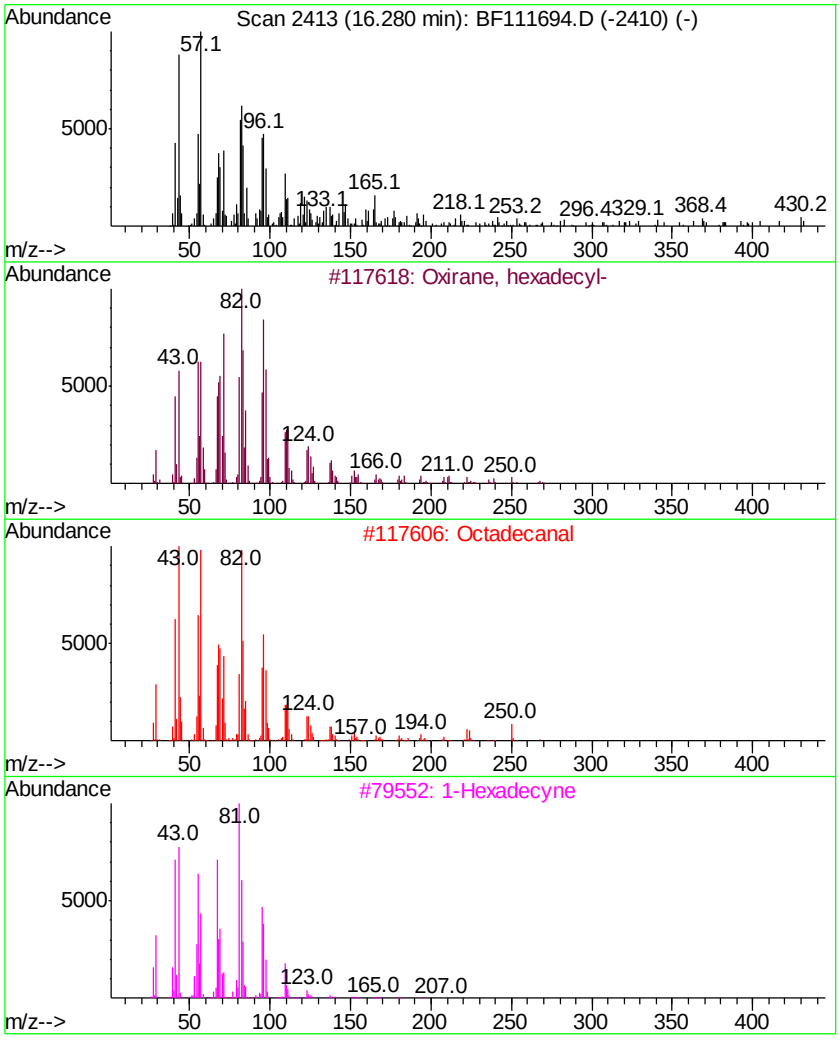
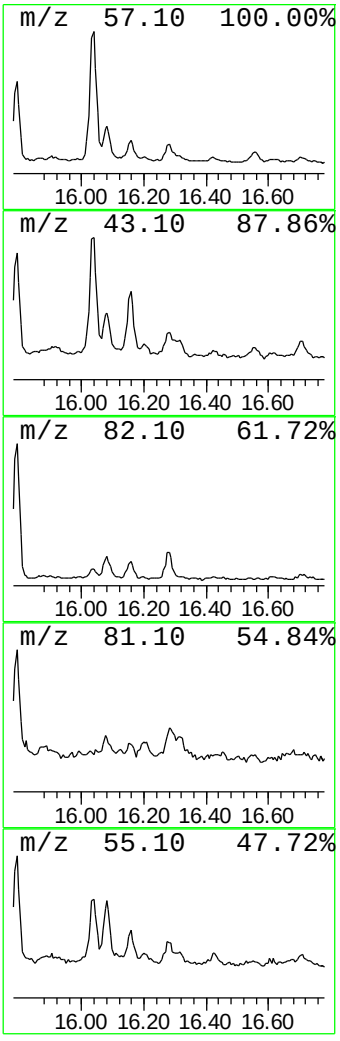
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	10.25 ng	277921	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2	Octadecanal	268	C18H36O	000638-66-4	93
3	1-Hexadecyne	222	C16H30	000629-74-3	89
4	E-2-Methyl-3-tetradecen-1-ol ace...	268	C17H32O2	1000130-81-2	83
5	Hexadecanal	240	C16H32O	000629-80-1	64





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Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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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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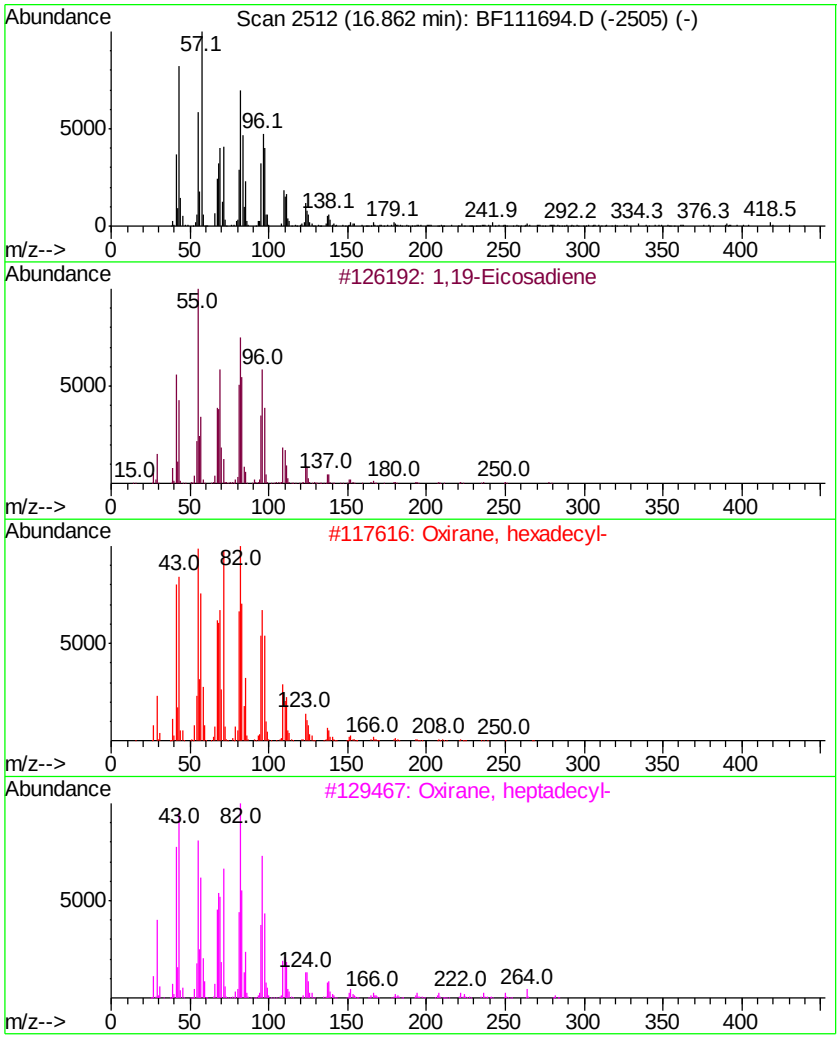
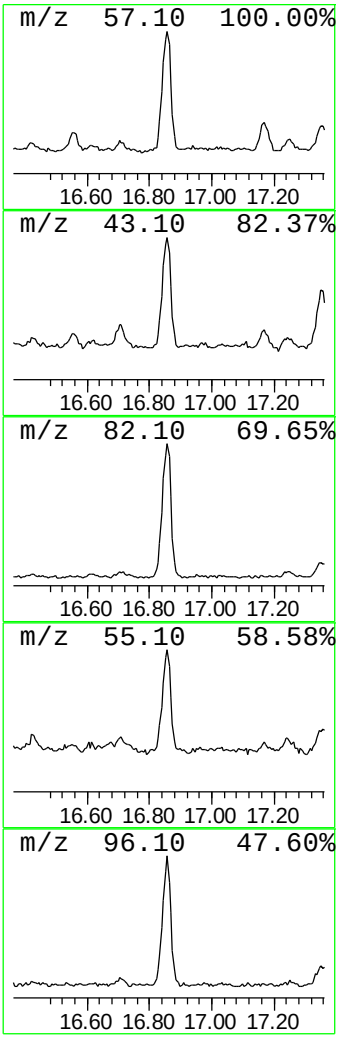
Peak Number 20 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	54.36 ng	1474490	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	92
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
4	Tetradecanal	212	C14H28O	000124-25-4	80
5	Octadecanal	268	C18H36O	000638-66-4	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111694.D
Acq On : 21 Dec 2018 18:24
Operator : JU/SJ
Sample : J6391-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0612-01

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
unknown6.68	6.68	102.0	ng	5639380	1	6.90	1105390	20.0
n-Hexadecanoic acid	11.95	14.1	ng	800212	4	11.42	1134550	20.0
Eicosane	13.24	13.6	ng	630402	5	14.06	924461	20.0
2,3,3',4,5',6-Hex...	13.39	10.1	ng	467593	5	14.06	924461	20.0
2,3,4,4',5,6-Hexa...	13.59	12.2	ng	563986	5	14.06	924461	20.0
Cyclooctacosane	13.90	61.8	ng	2857950	5	14.06	924461	20.0
Hexacosane	14.23	12.8	ng	589399	5	14.06	924461	20.0
Octadecanal	14.35	13.5	ng	624244	5	14.06	924461	20.0
Sulfurous acid, p...	14.54	121.4	ng	5610720	5	14.06	924461	20.0
Docosane	14.84	32.3	ng	876972	6	15.54	542534	20.0
2-Heptacosanone	15.27	19.9	ng	539238	6	15.54	542534	20.0
Heptadecanal	15.79	54.0	ng	1466260	6	15.54	542534	20.0
Heptacosane	16.04	42.0	ng	1139520	6	15.54	542534	20.0
Cyclotetracosane	16.08	21.6	ng	584620	6	15.54	542534	20.0
2-Pentacosanone	16.16	17.2	ng	466444	6	15.54	542534	20.0
Oxirane, hexadecyl-	16.28	10.3	ng	277921	6	15.54	542534	20.0
1,19-Eicosadiene	16.86	54.4	ng	1474490	6	15.54	542534	20.0