LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

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-BF022719.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	5.340	549	553	557	rBV	2376677	2207765	24.63%	3.916%
2	6.363	723	727	732	rBV	2501962	2265708	25.28%	4.019%
3	6.504	747	751	755	rBV	2711829	2285322	25.50%	4.054%
4	6.740	787	791	795	rBV	1537838	1182770	13.20%	2.098%
5	6.898	814	818	821	rVB	1933814	1705536	19.03%	3.025%
6	7.292	881	885	888	rBV	1592352	1331499	14.85%	2.362%
7	8.022	1005	1009	1012	rBV	1786799	1468033	16.38%	2.604%
8	8.628	1107	1112	1115	rBV2	89094	92126	1.03%	0.163%
9	9.092	1188	1191	1195	rVB	2459002	2019194	22.53%	3.582%
10	9.192	1204	1208	1210	rBV	104824	90167	1.01%	0.160%
11	9.357	1232	1236	1243	rBV2	180325	170332	1.90%	0.302%
12	9.486	1255	1258	1261	rBV	146379	116563	1.30%	0.207%
13	9.716	1295	1297	1301	rVB	115368	93004	1.04%	0.165%
14	9.769	1301	1306	1309	rBV	1591464	1359800	15.17%	2.412%
15	10.545	1435	1438	1442	rVB	1298012	1134717	12.66%	2.013%
16	10.686	1458	1462	1470	rVB	123916	143333	1.60%	0.254%
17	11.133	1535	1538	1541	rVB3	111362	99416	1.11%	0.176%
18	11.245	1553	1557	1559	rBV	1483401	1267942	14.15%	2.249%
19	11.269	1559	1561	1564	rVB	371505	273745	3.05%	0.486%
20	11.316	1567	1569	1572	rVB	157099	132932	1.48%	0.236%
21	11.657	1623	1627	1630	rVB	3346717	2716551	30.31%	4.819%
22	11.745	1639	1642	1645	rBV2	75164	92383	1.03%	0.164%
23	11.786	1645	1649	1653	rVV2	757845	792984	8.85%	1.407%
24	11.851	1657	1660	1663	rBV2	115777	122569	1.37%	0.217%
25	11.963	1677	1679	1687	rVB3	90767	114745	1.28%	0.204%
26	12.298	1732	1736	1739	rBV2	79013	100739	1.12%	0.179%
27	12.339	1739	1743	1745	rVV	4061908	4120204	45.97%	7.309%
28	12.369	1745	1748	1753	rVV	8655389	8963359	100.00%	15.900%
29	12.404	1753	1754	1758	rVV2	147675	105623	1.18%	0.187%
30	12.445	1758	1761	1764	rVV2	2369927	2133624	23.80%	3.785%
31	12.498	1764	1770	1779	rVV	1091877	1887293	21.06%	3.348%
32	12.569	1779	1782	1791	rVV2	378819	483188	5.39%	0.857%
33	12.674	1795	1800	1803	rBV	691292	687173	7.67%	1.219%
34	12.827	1822	1826	1829	rBV	2150807	1815496	20.25%	3.220%

LSC Area Percent Report

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Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.004	1853	1856	1858	rBV	128142	142081	1.59%	0.252%
36	13.086	1865	1870	1876	rVB5	413273	602908	6.73%	1.069%
37	13.169	1881	1884	1891	rVV3	318194	475645	5.31%	0.844%
38	13.222	1891	1893	1898	rVV2	206866	269679	3.01%	0.478%
39	13.269	1898	1901	1906	rVV2	330060	414263	4.62%	0.735%
40	13.321	1908	1910	1913	rVV2	156758	162749	1.82%	0.289%
41	13.369	1913	1918	1921	rVB3	162251	219139	2.44%	0.389%
42	13.586	1951	1955	1958	rBV2	306223	369374	4.12%	0.655%
43	13.733	1977	1980	1985	rBV2	203141	298275	3.33%	0.529%
44	13.833	1994	1997	1999	rBV	267116	230745	2.57%	0.409%
45	13.869	1999	2003	2006	rVV2	1733497	1889188	21.08%	3.351%
46	13.892	2006	2007	2013	rVB	344698	244954	2.73%	0.435%
47	14.057	2033	2035	2038	rBV2	125702	112829	1.26%	0.200%
48	14.363	2084	2087	2091	rBV	533991	484464	5.40%	0.859%
49	14.451	2100	2102	2105	rBV2	106146	91807	1.02%	0.163%
50	14.663	2135	2138	2143	rVB	270516	285852	3.19%	0.507%
51	14.727	2146	2149	2153	rVB	734614	738882	8.24%	1.311%
52	14.874	2171	2174	2177	rBV	247047	326336	3.64%	0.579%
53	14.980	2188	2192	2200	rVB	1463962	1576296	17.59%	2.796%
54	15.157	2220	2222	2227	rVB	156185	172521	1.92%	0.306%
55	15.210	2229	2231	2235	rVV	242996	274783	3.07%	0.487%
56	15.274	2238	2242	2246	rVV	932968	1111277	12.40%	1.971%
57	15.339	2250	2253	2256	rVB	228464	265288	2.96%	0.471%
58	15.745	2317	2322	2327	rBV	1023698	1434372	16.00%	2.544%
59	17.198	2564	2569	2574	rBV3	277054	605339	6.75%	1.074%

Sum of corrected areas: 56374881

LSC Report - Integrated Chromatogram

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Data File : BF112728.D
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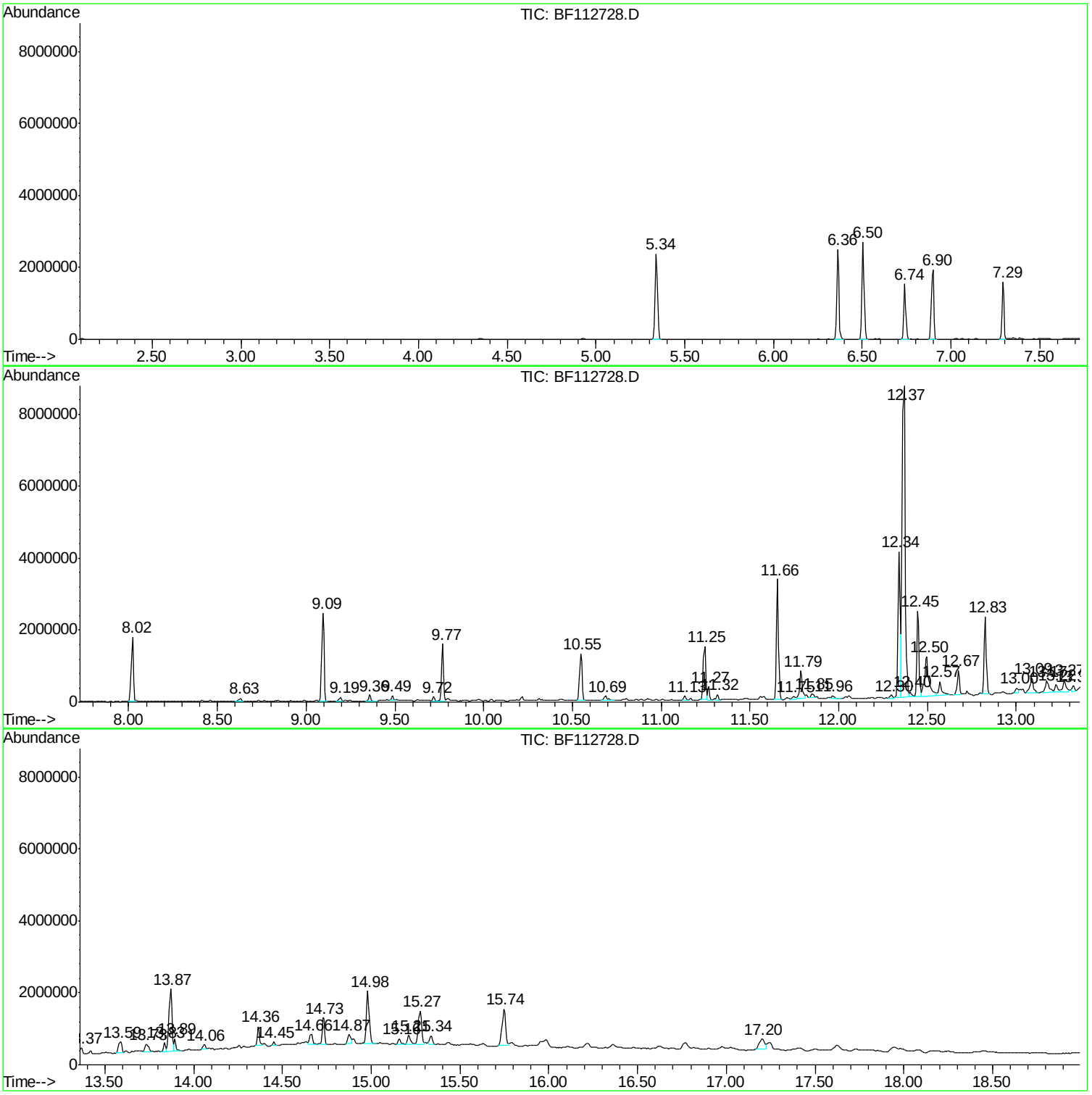
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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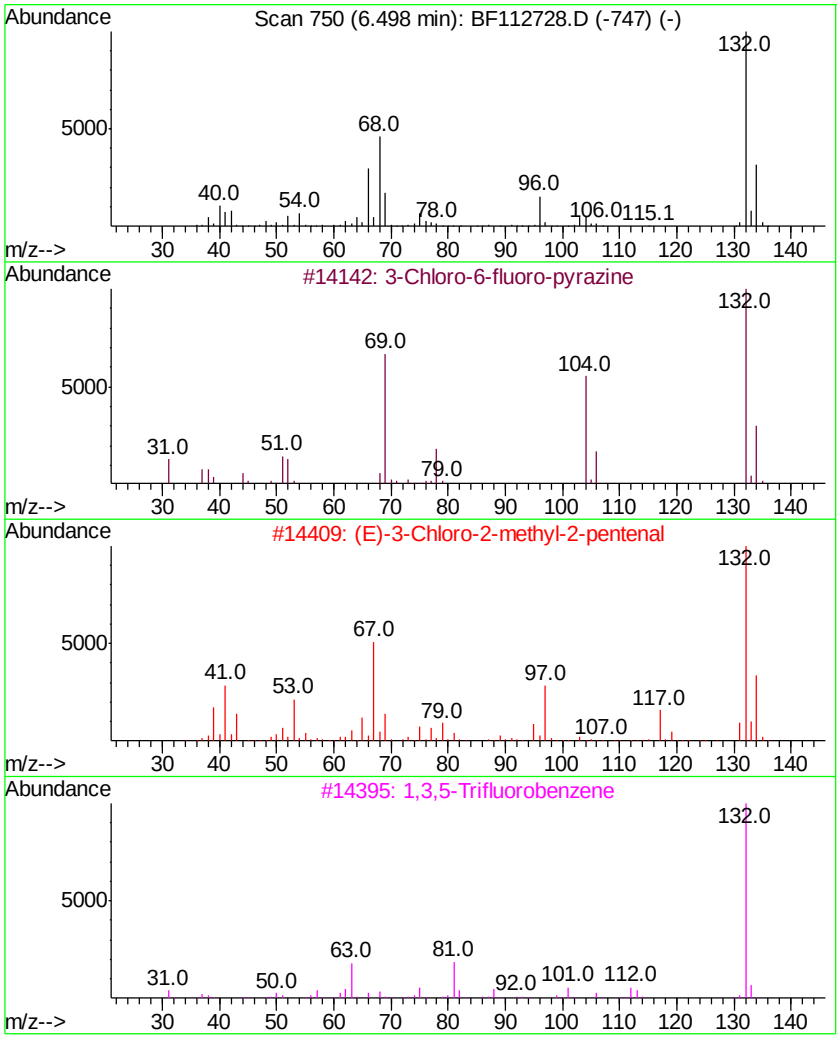
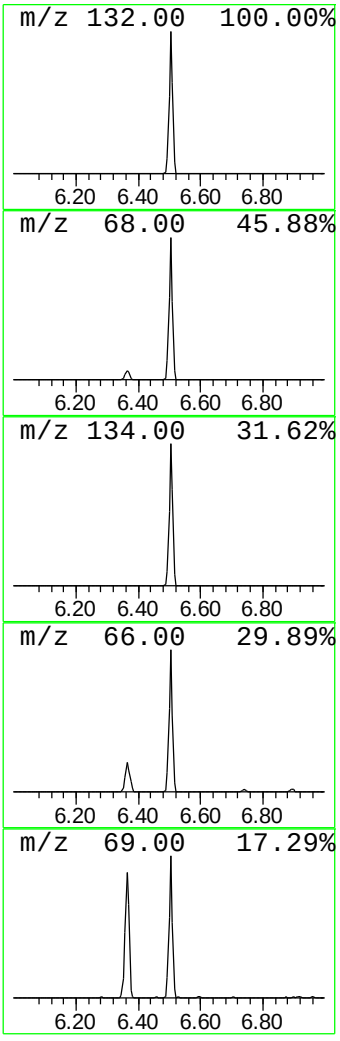
Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	38.64 ng	2285320	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





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Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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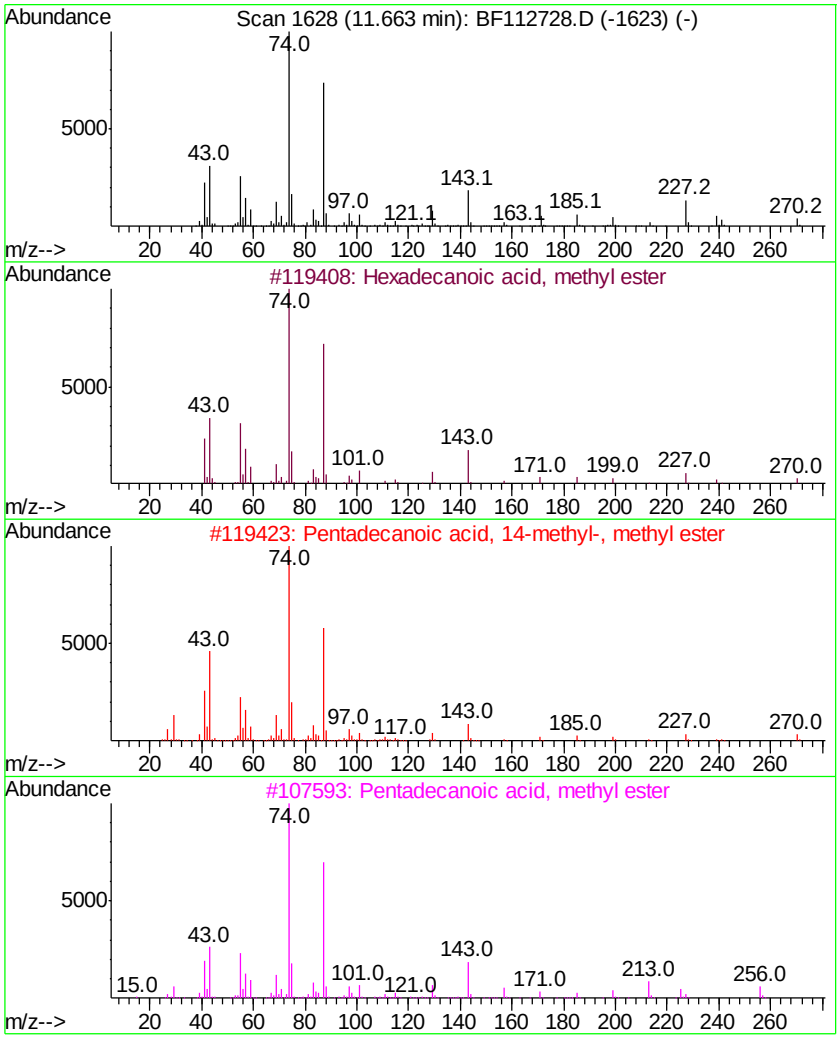
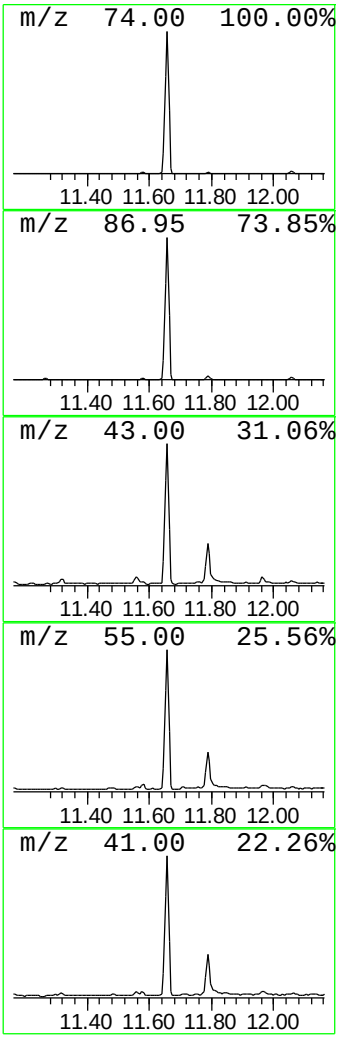
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	42.85 ng	2716550	Phenanthrene-d10	11.25

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	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

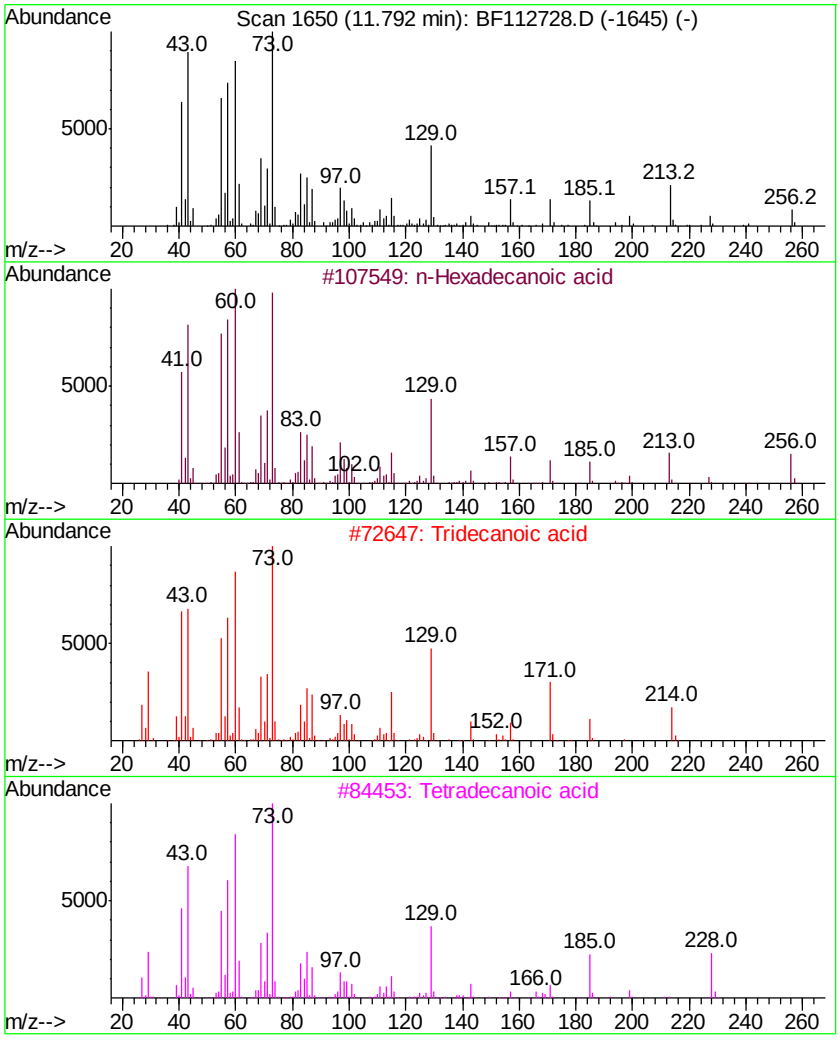
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

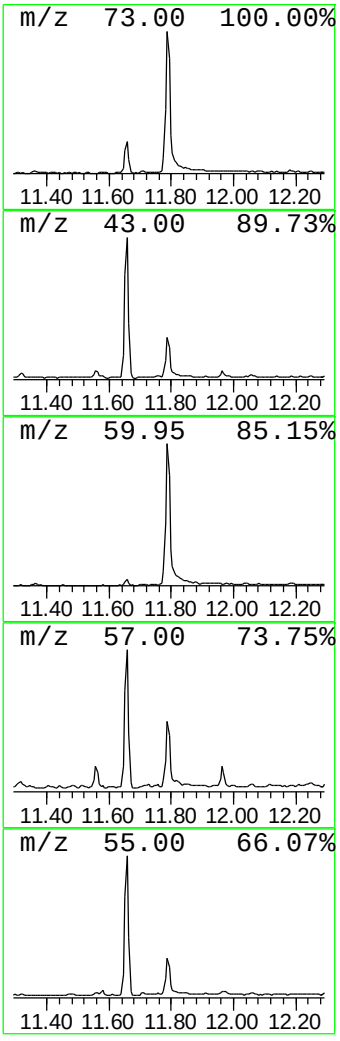
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	12.51 ng	792984	Phenanthrene-d10	11.25

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

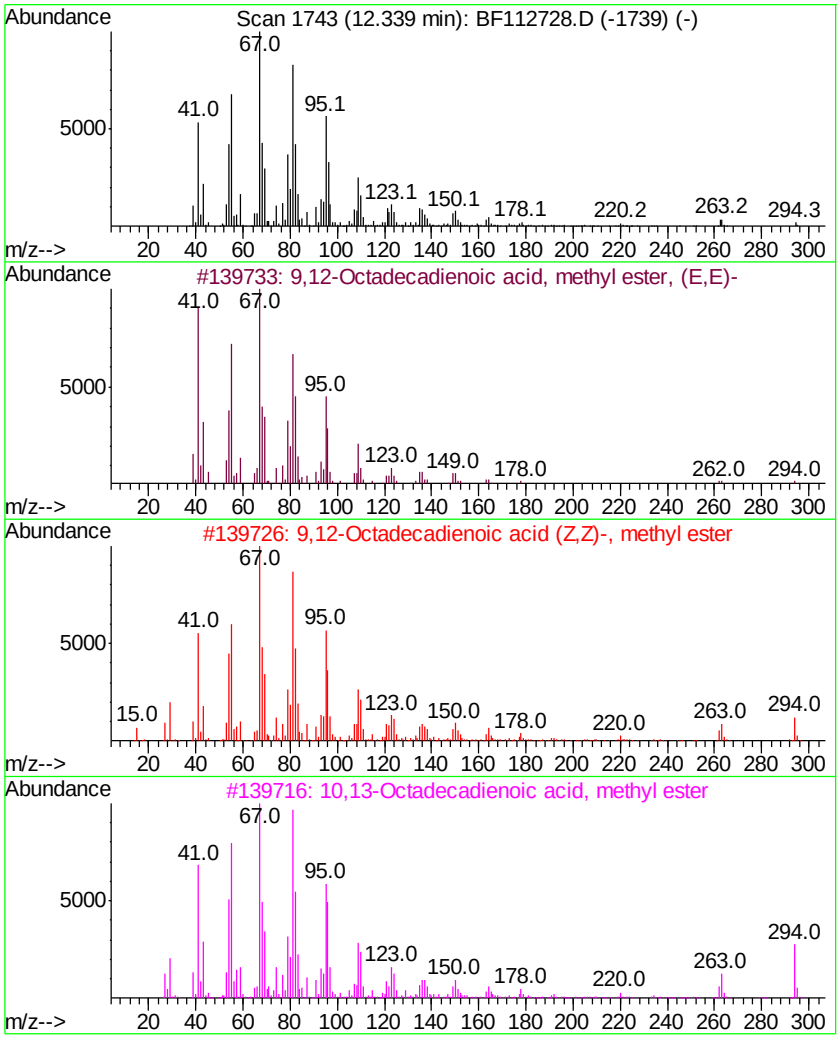
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

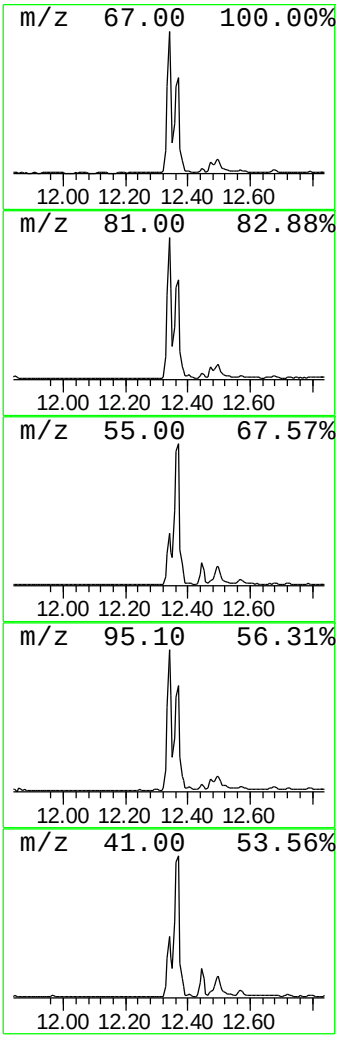
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	64.99 ng	4120200	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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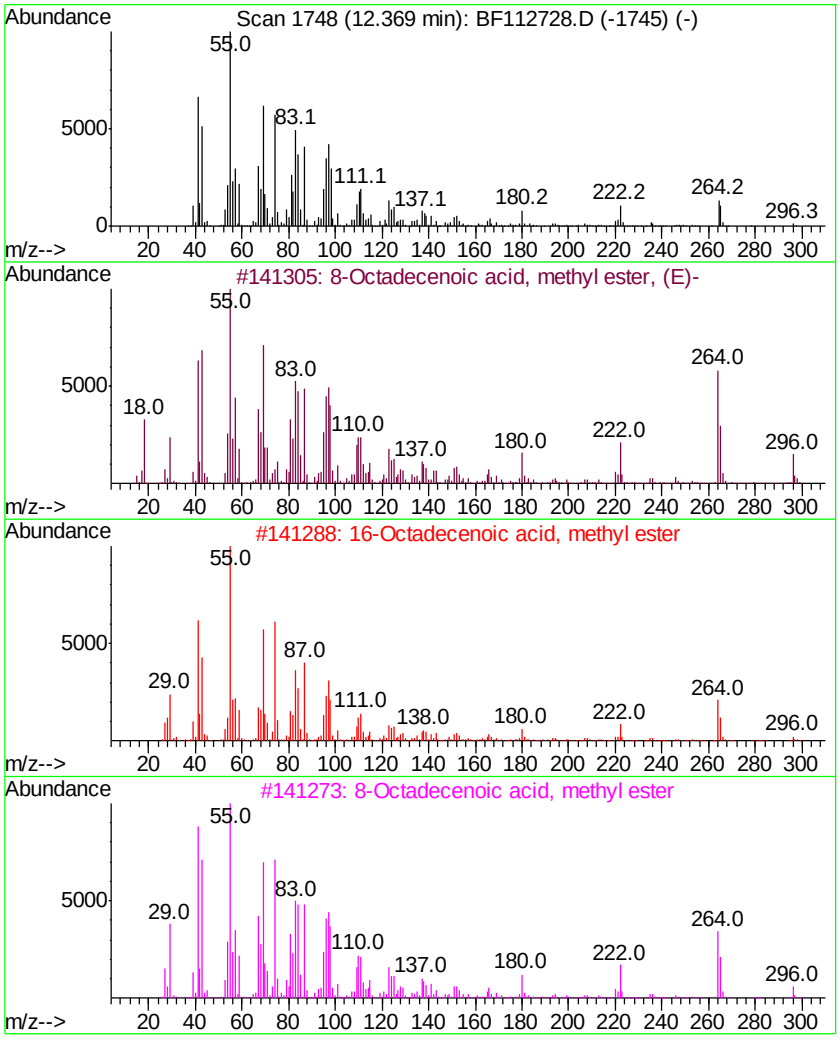
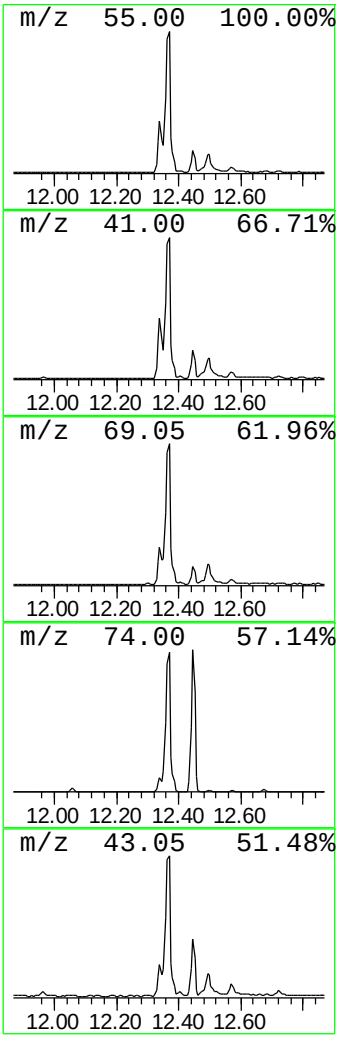
Peak Number 6 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	141.38 ng	8963360	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

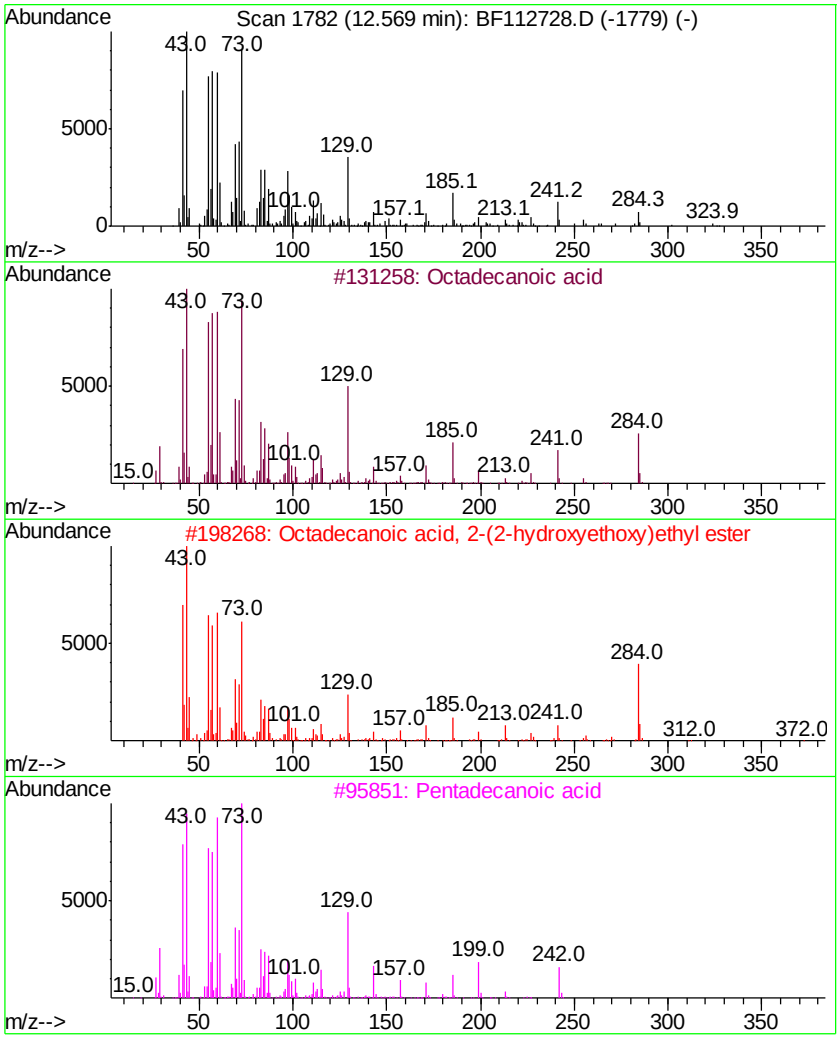
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

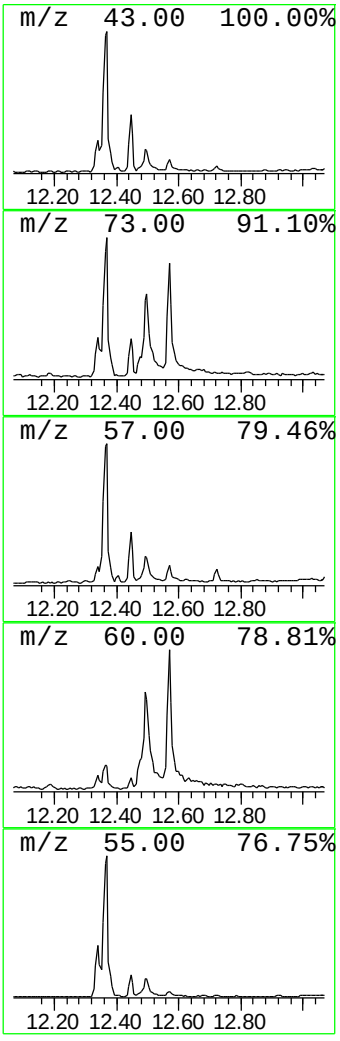
****

Peak Number 7 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.12 ng	483188	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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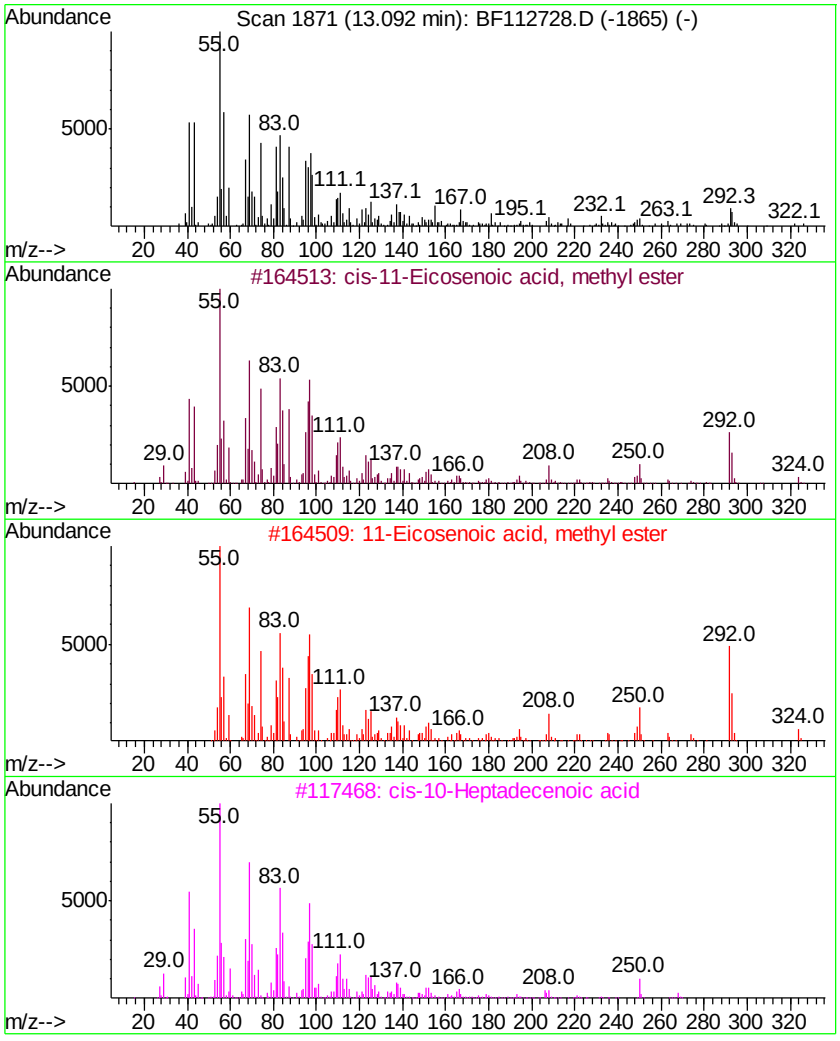
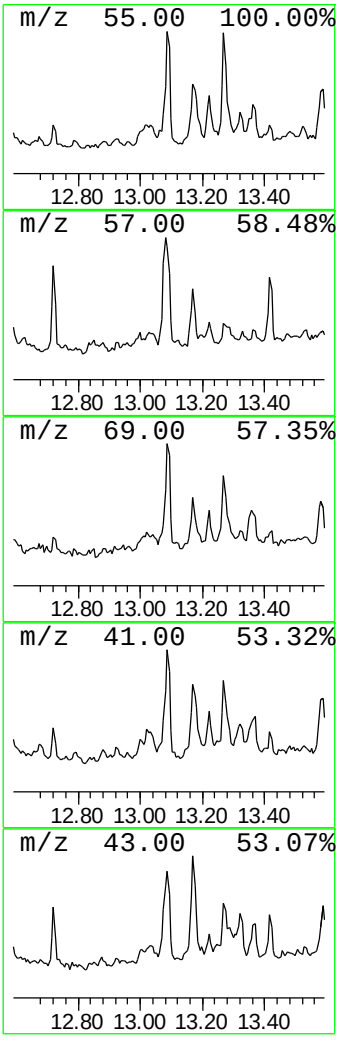
Peak Number 8 cis-11-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	6.38 ng	602908	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	97
3	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	94
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	89
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	89





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Instrument : BNA_F
ClientSampleId : PL-02-022619-D

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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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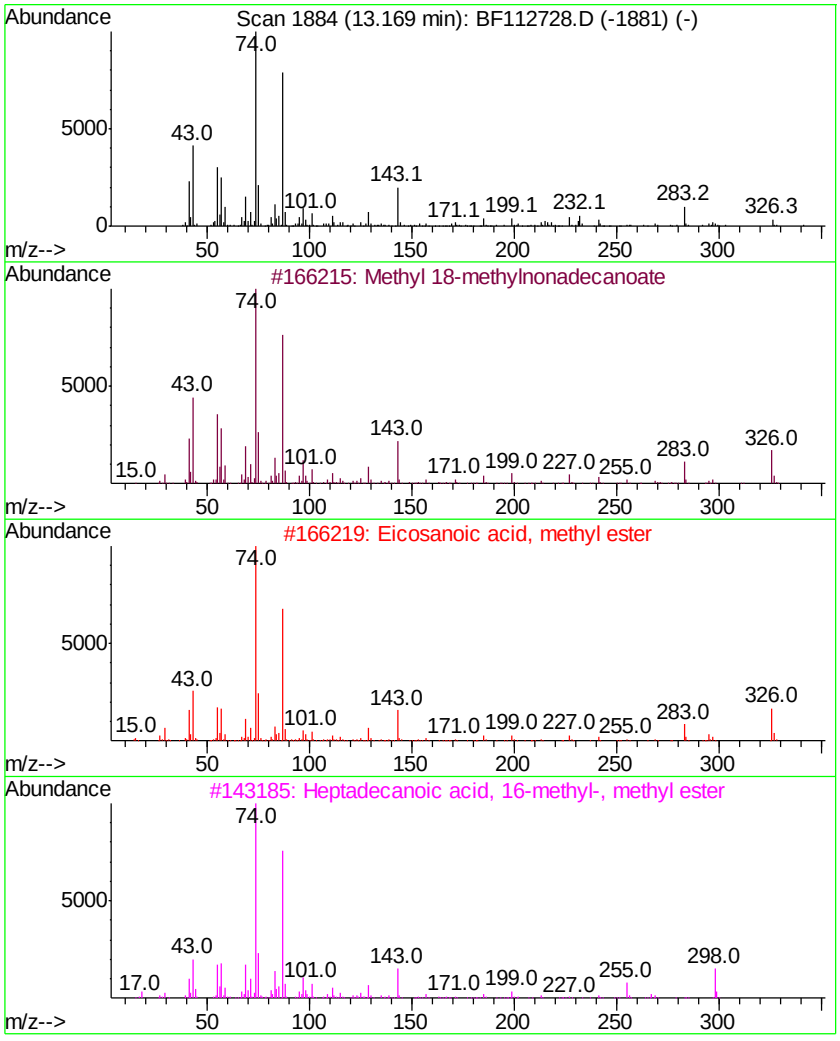
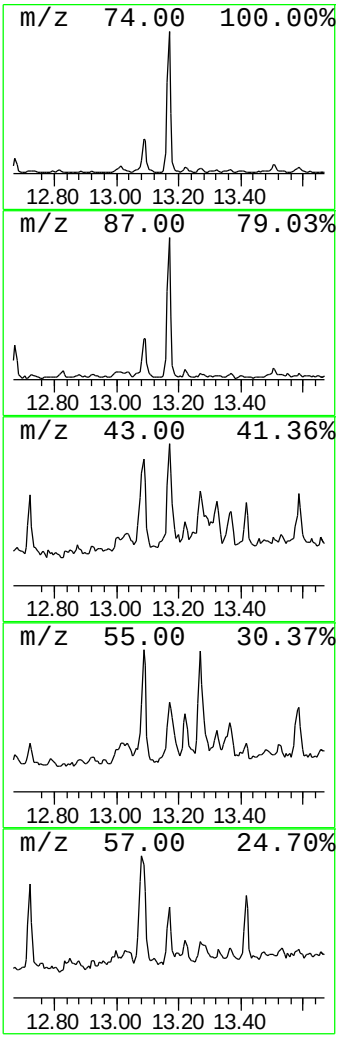
Peak Number 9 Methyl 18-methylnonadecanoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.04 ng	475645	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	94
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5	Methyl stearate	298	C19H38O2	000112-61-8	90





Library Search Compound Report

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Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

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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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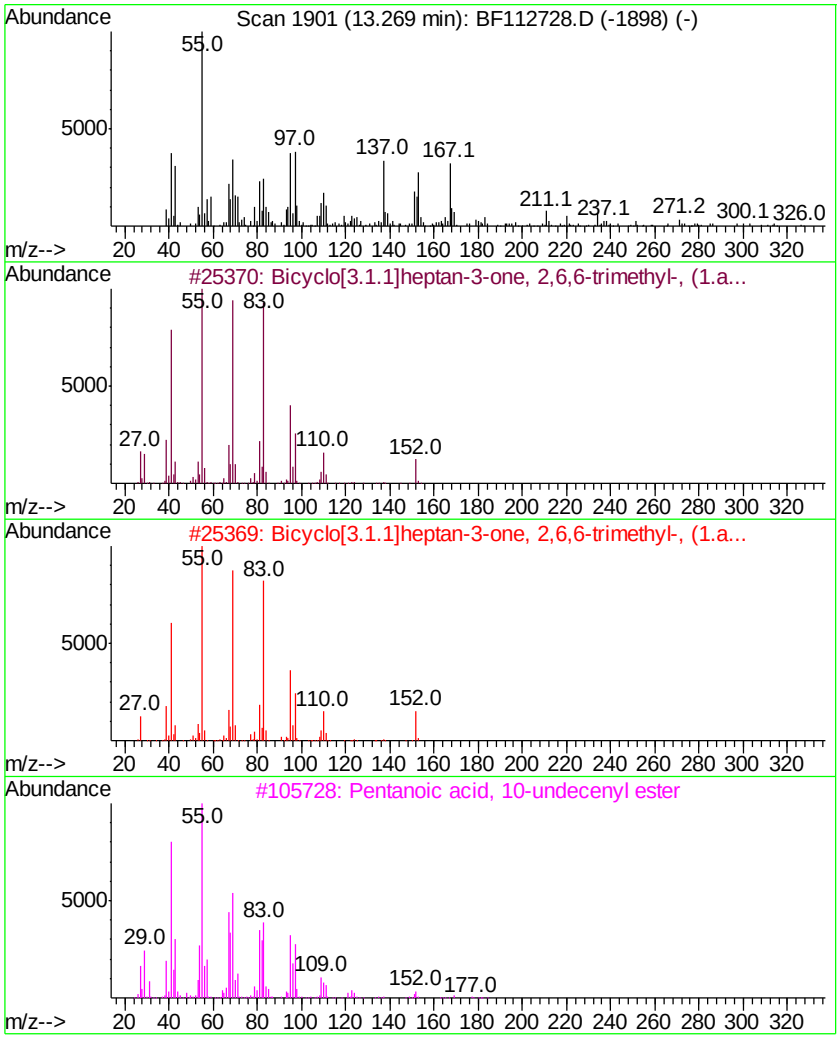
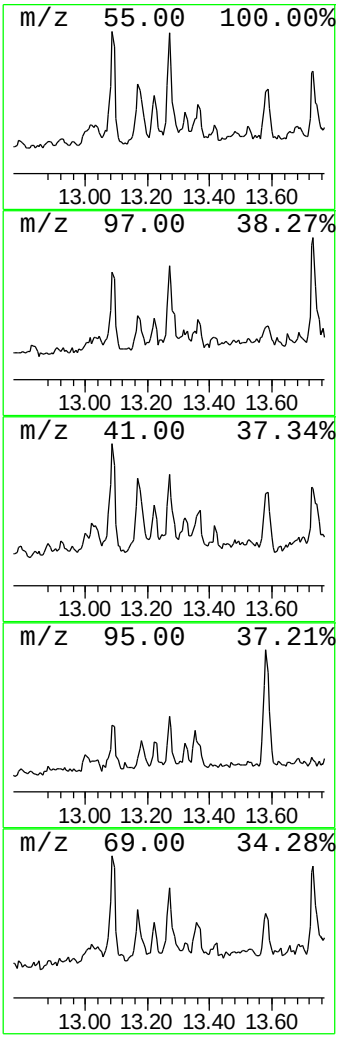
Peak Number 10 unknown13.27 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.39 ng	414263	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	18
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	18
3	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	16
4	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-49-3	14
5	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	14





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

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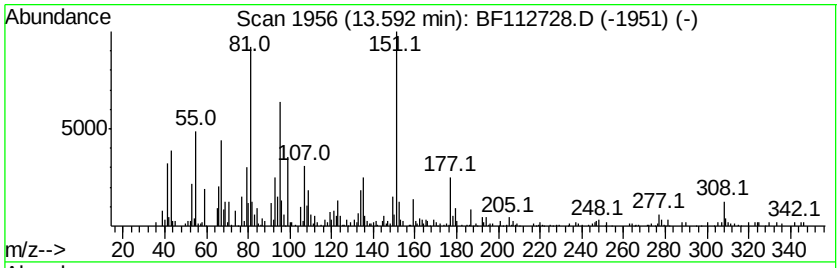
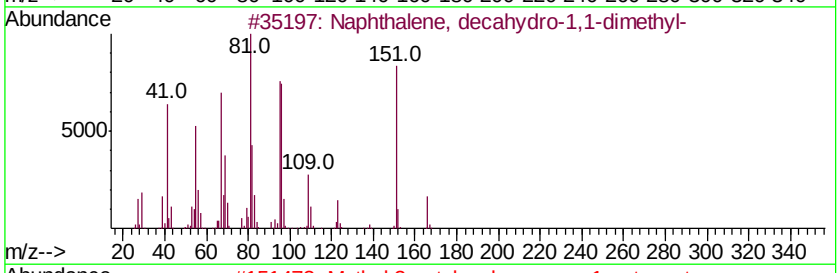
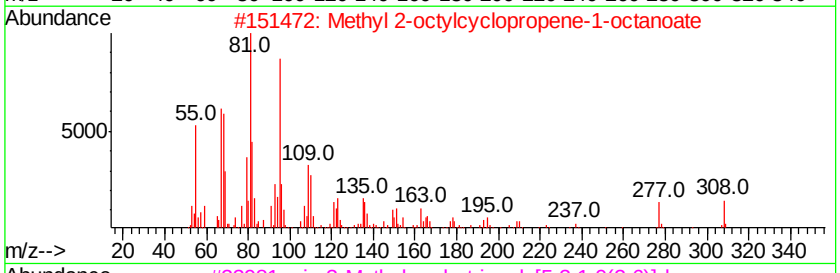
Peak Number 11 unknown13.59 Concentration Rank 18

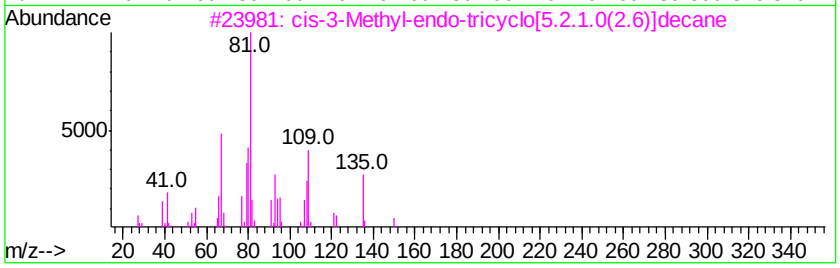
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.91 ng	369374	Chrysene-d12	13.87

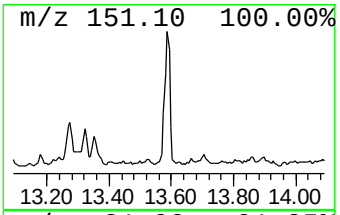
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	45
2	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	44
3	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	38
4	Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	30
5	2-Octynoic acid, methyl ester	154	C9H14O2	000111-12-6	30

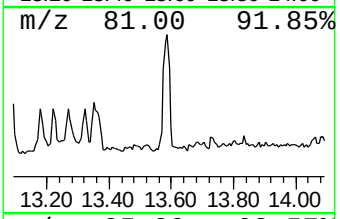


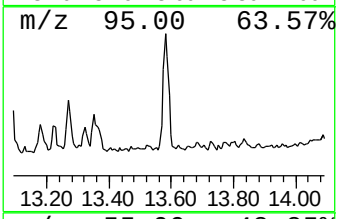


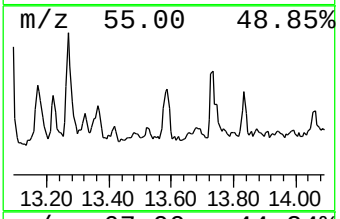


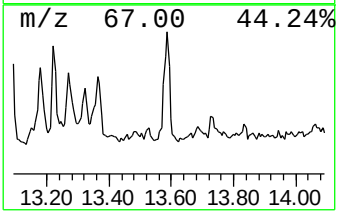












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Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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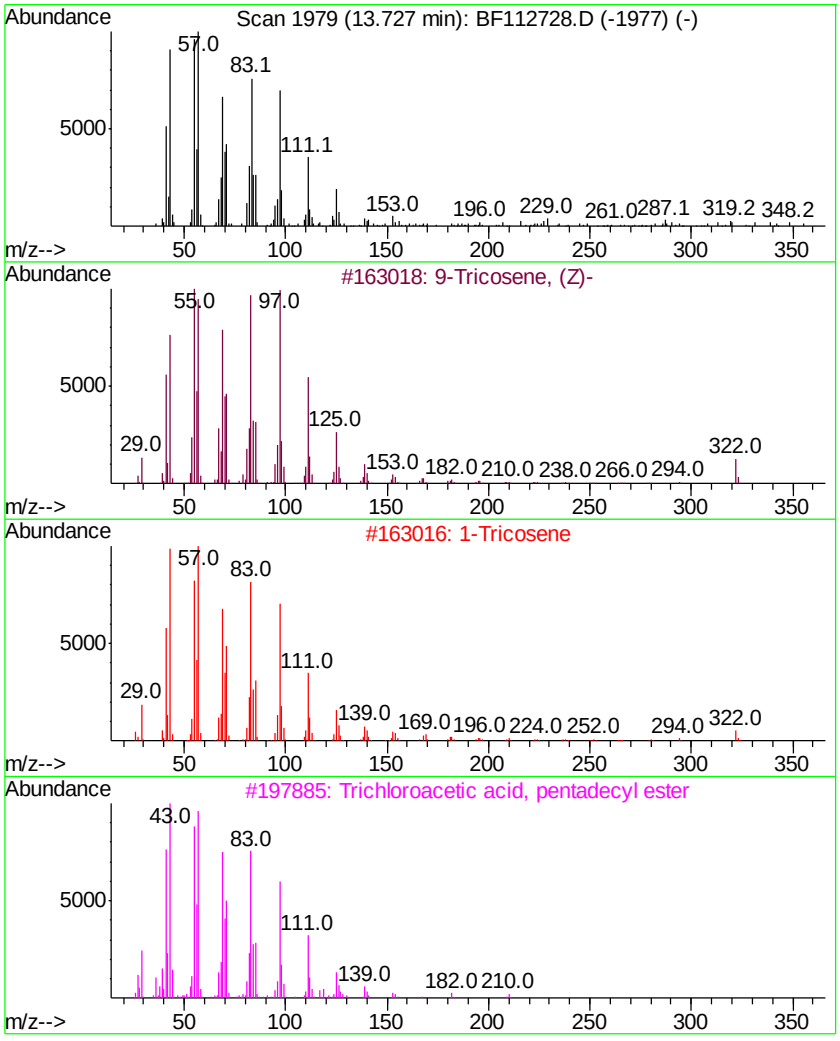
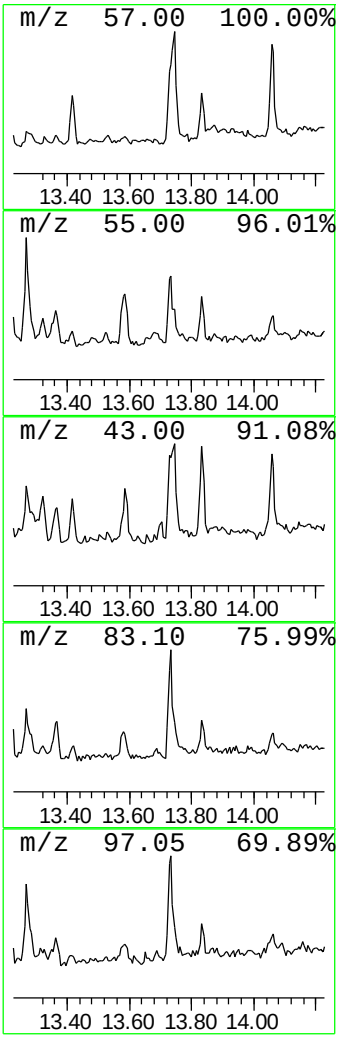
Peak Number 12 9-Tricosene, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.16 ng	298275	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	1-Tricosene	322	C23H46	018835-32-0	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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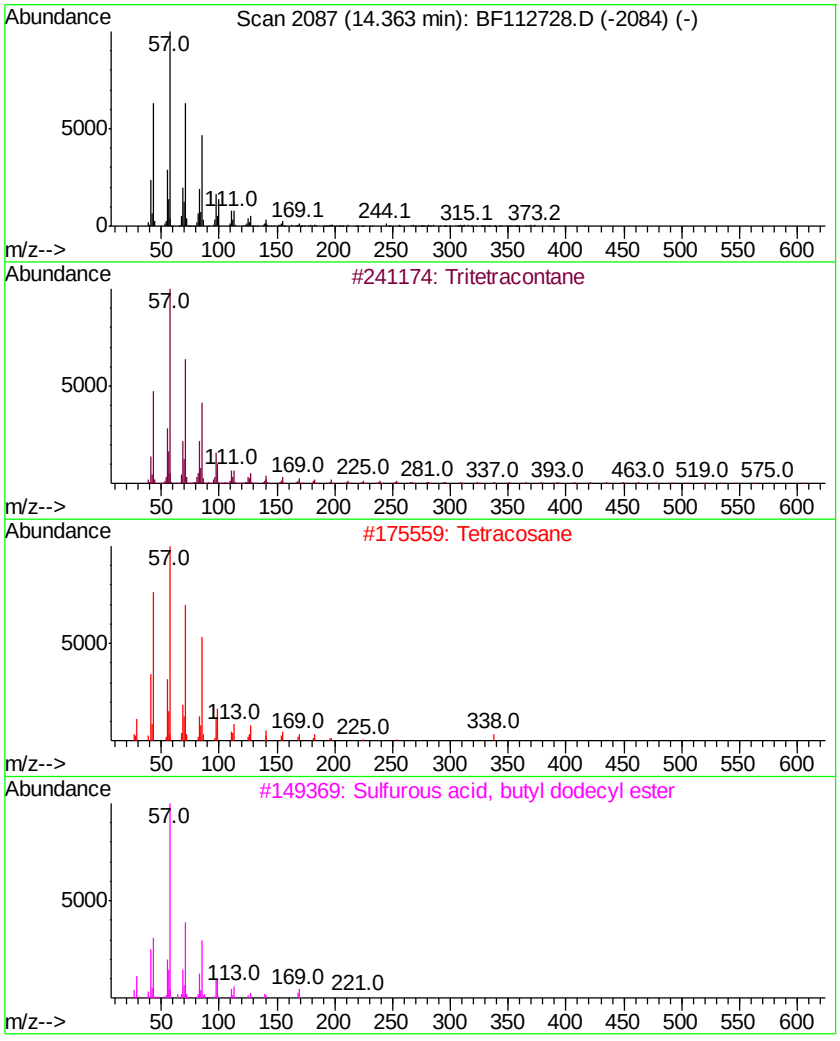
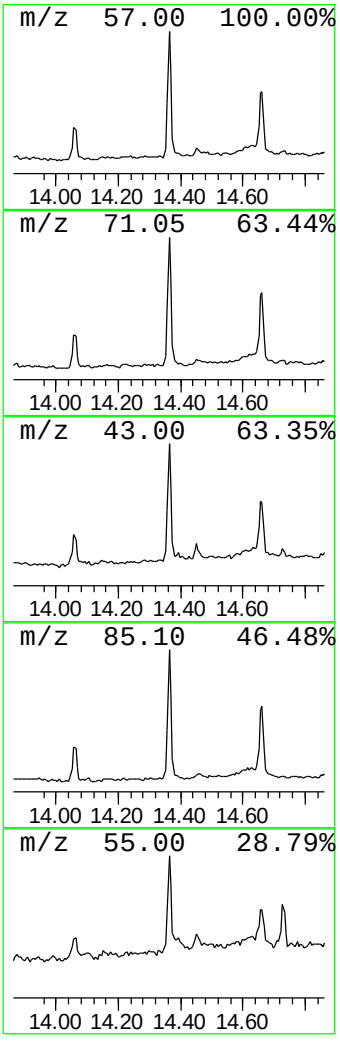
Peak Number 13 Tritetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.13 ng	484464	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
4	Nonadecane	268	C19H40	000629-92-5	89
5	Tetratetracontane	619	C44H90	007098-22-8	86





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ClientSampleId : PL-02-022619-D

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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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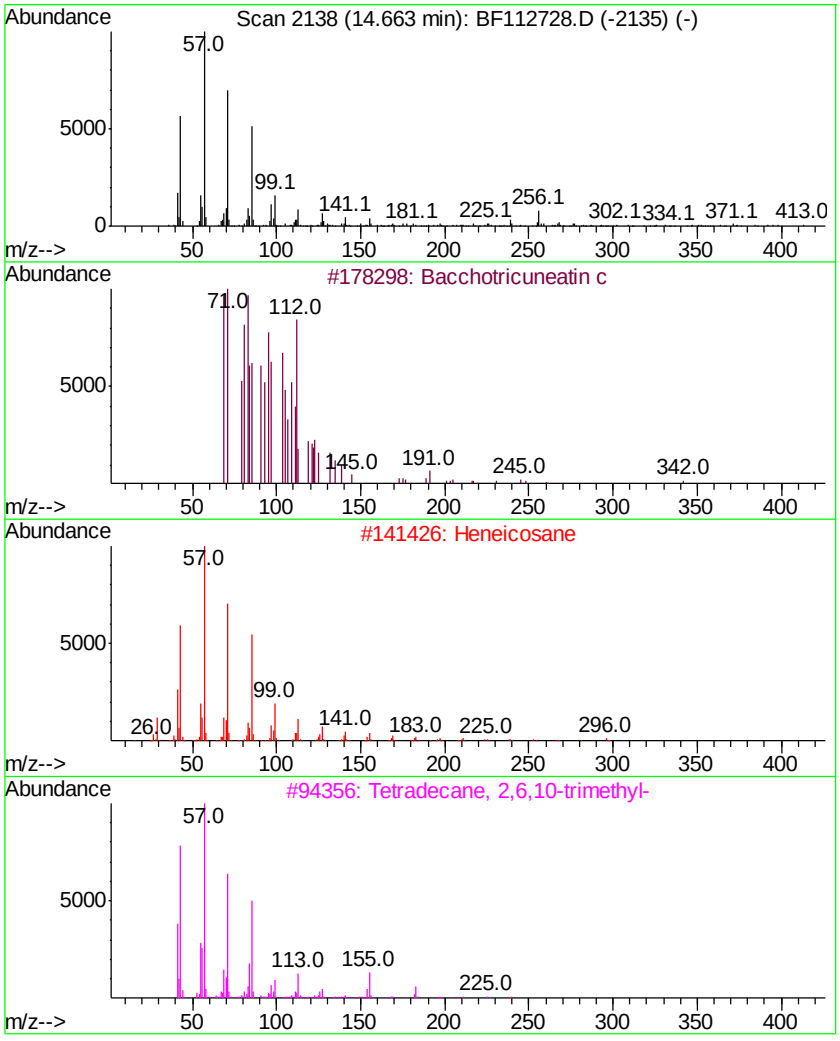
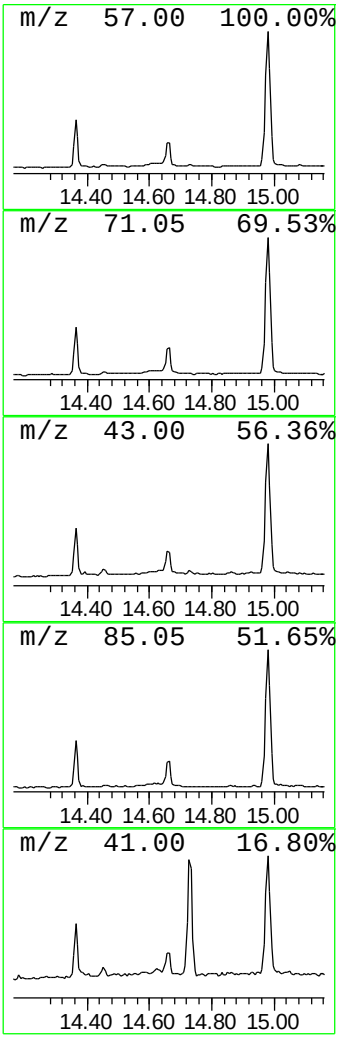
Peak Number 14 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.14 ng	285852	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Heneicosane	296	C21H44	000629-94-7	92
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	70





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-022619-D

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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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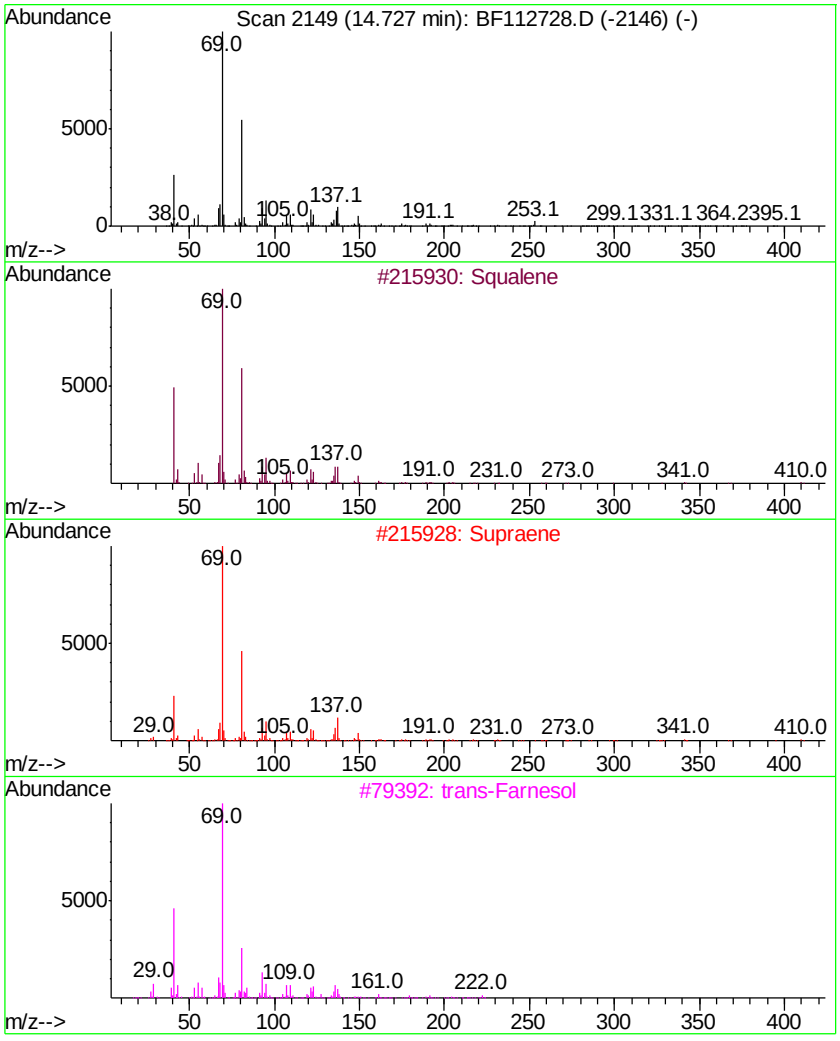
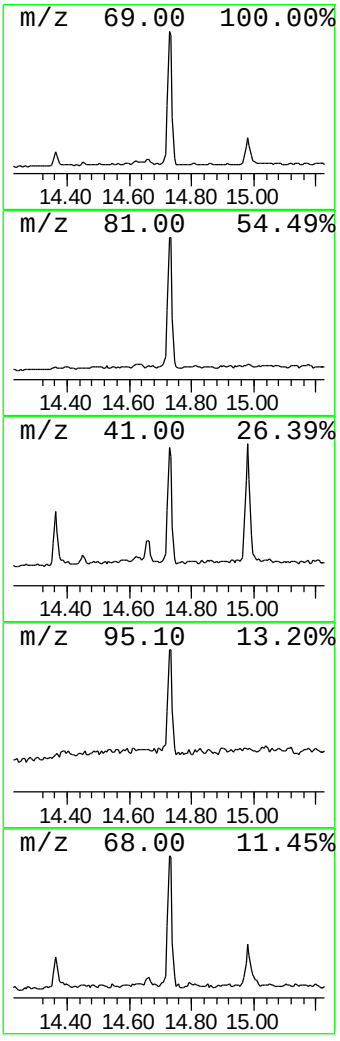
Peak Number 15 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.30 ng	738882	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	trans-Farnesol	222	C15H26O	000106-28-5	72
4	Farnesol isomer a	222	C15H26O	1000108-92-4	64
5	trans-Geranylgeraniol	290	C20H34O	024034-73-9	55





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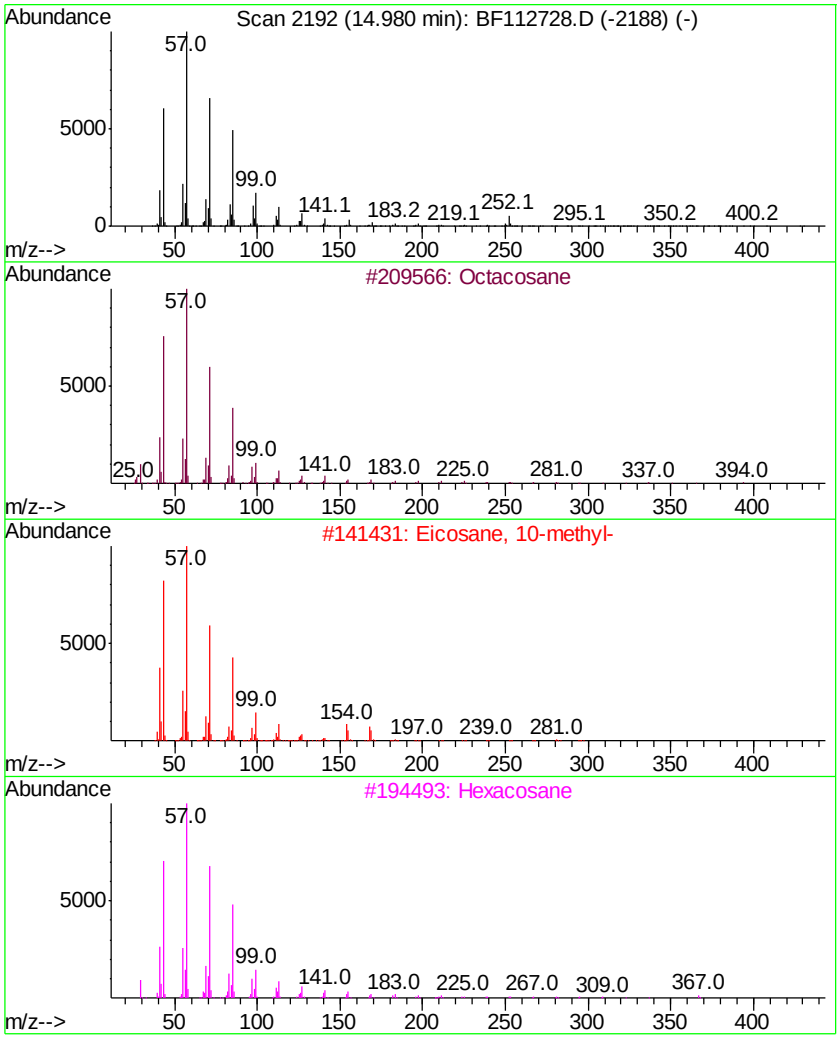
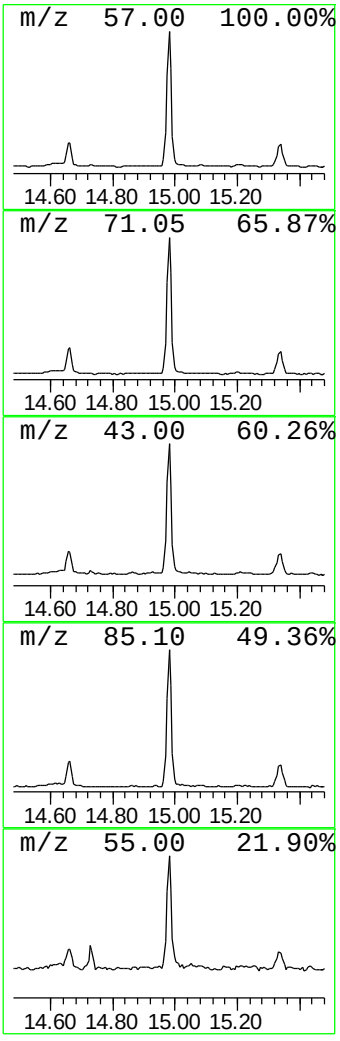
Peak Number 16 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	28.37 ng	1576300	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





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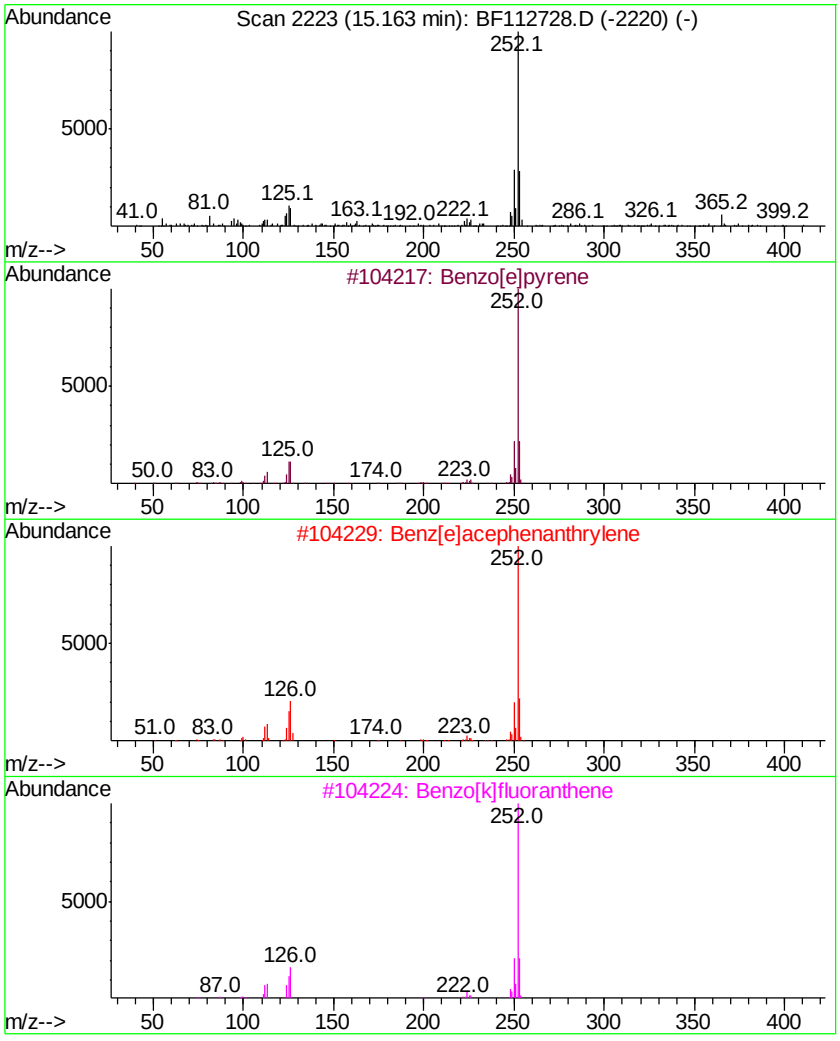
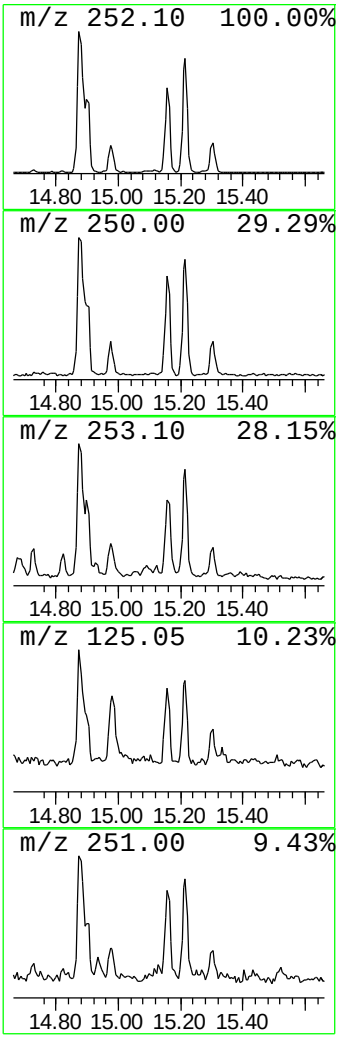
Peak Number 17 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.10 ng	172521	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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

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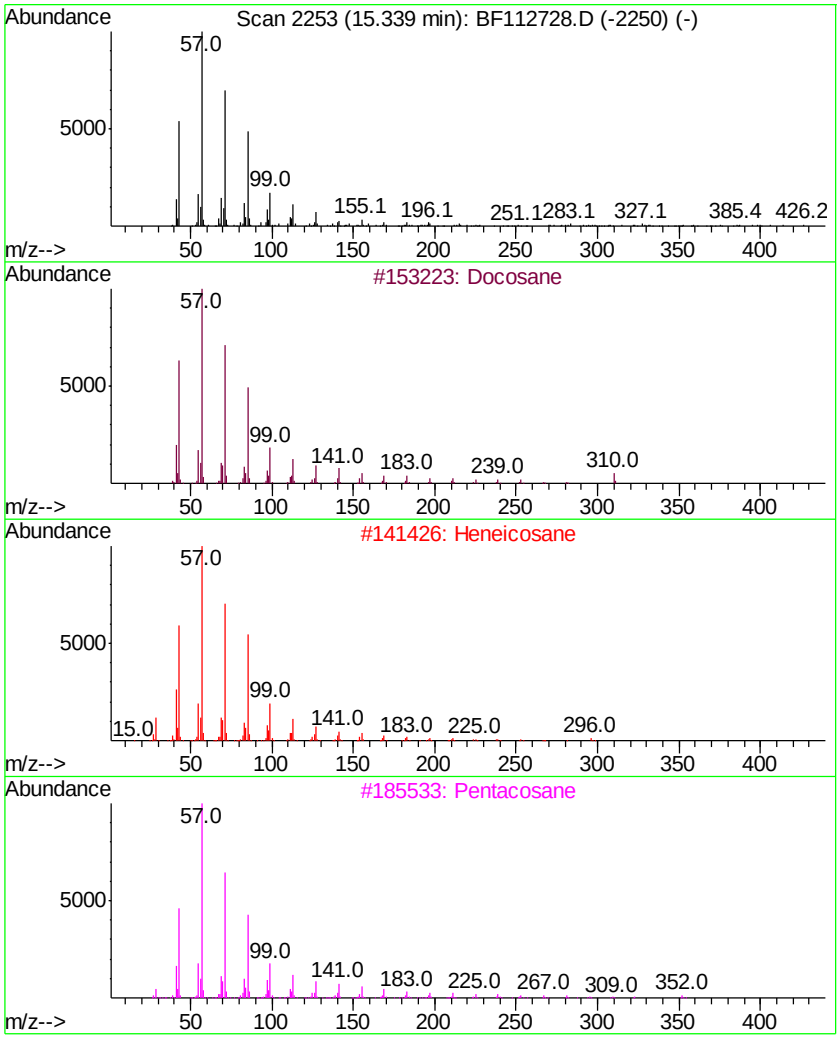
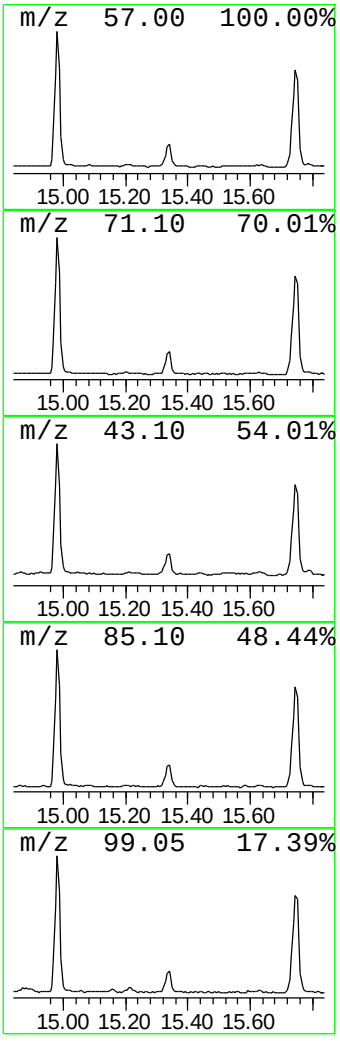
Peak Number 18 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.77 ng	265288	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentacosane	352	C25H52	000629-99-2	86
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5	Tridecane	184	C13H28	000629-50-5	86





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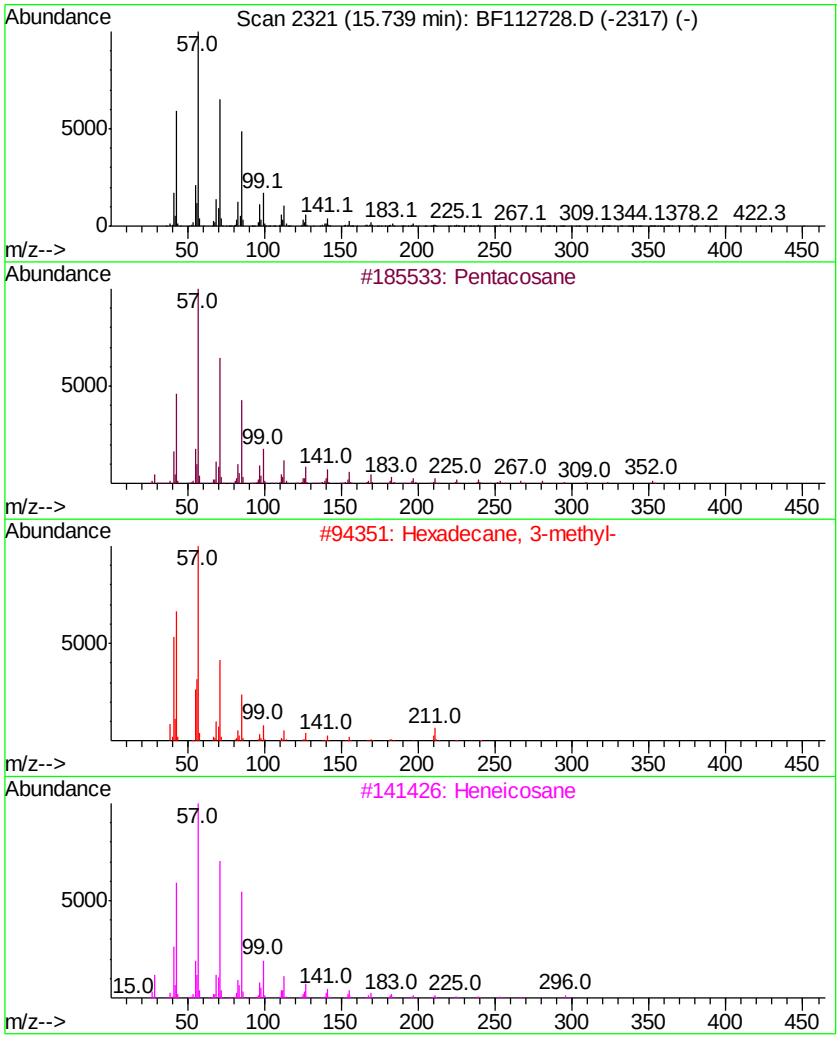
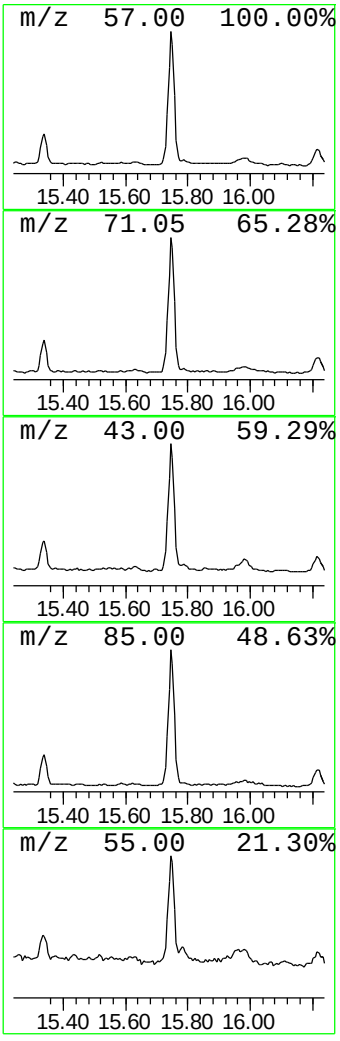
Peak Number 19 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	25.81 ng	1434370	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	97
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

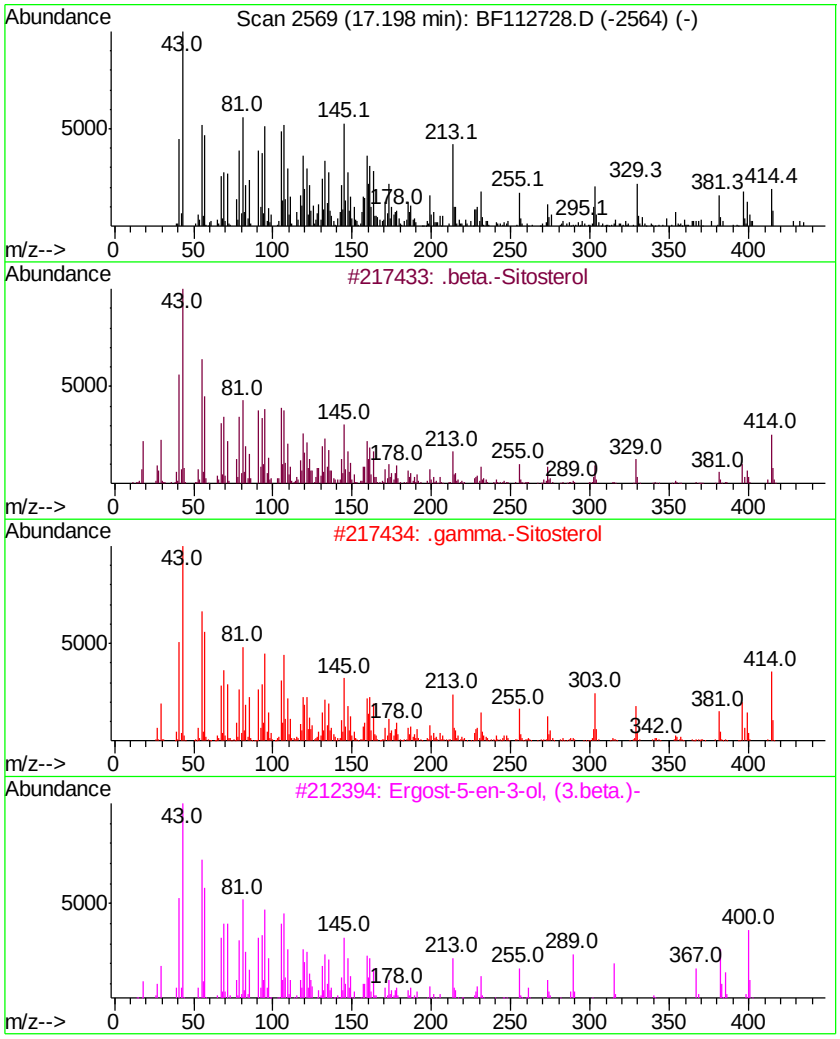
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

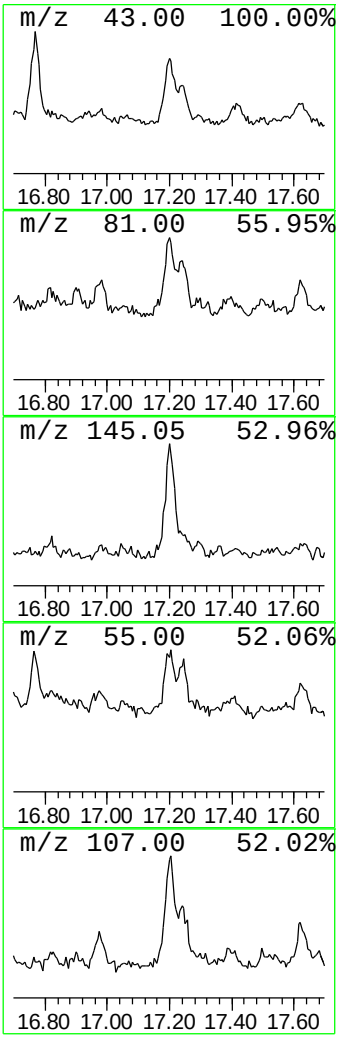
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	10.89 ng	605339	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	41
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	37
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	38.6	ng	2285320	1	6.74	1182770	20.0
Hexadecanoic acid...	11.66	42.9	ng	2716550	4	11.25	1267940	20.0
n-Hexadecanoic acid	11.79	12.5	ng	792984	4	11.25	1267940	20.0
9,12-Octadecadien...	12.34	65.0	ng	4120200	4	11.25	1267940	20.0
8-Octadecenoic ac...	12.37	141.4	ng	8963360	4	11.25	1267940	20.0
Octadecanoic acid	12.57	5.1	ng	483188	5	13.87	1889190	20.0
cis-11-Eicosenoic...	13.09	6.4	ng	602908	5	13.87	1889190	20.0
Methyl 18-methyln...	13.17	5.0	ng	475645	5	13.87	1889190	20.0
unknown13.27	13.27	4.4	ng	414263	5	13.87	1889190	20.0
unknown13.59	13.59	3.9	ng	369374	5	13.87	1889190	20.0
9-Tricosene, (Z)-	13.73	3.2	ng	298275	5	13.87	1889190	20.0
Tritetracontane	14.36	5.1	ng	484464	5	13.87	1889190	20.0
Bacchotricuneatin c	14.66	5.1	ng	285852	6	15.27	1111280	20.0
Squalene	14.73	13.3	ng	738882	6	15.27	1111280	20.0
Octacosane	14.98	28.4	ng	1576300	6	15.27	1111280	20.0
Benzo[e]pyrene	15.16	3.1	ng	172521	6	15.27	1111280	20.0
Docosane	15.34	4.8	ng	265288	6	15.27	1111280	20.0
Pentacosane	15.74	25.8	ng	1434370	6	15.27	1111280	20.0
.beta.-Sitosterol	17.20	10.9	ng	605339	6	15.27	1111280	20.0