LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

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-BF073019.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	5.463	570	574	595	rBV	1236819	1685585	33.94%	2.748%
2	6.469	742	745	765	rBV	1278432	1413272	28.46%	2.304%
3	6.610	765	769	779	rBV	3017728	2812257	56.63%	4.585%
4	6.834	804	807	816	rBV	843363	785106	15.81%	1.280%
5	6.992	830	834	847	rBV	2765073	2517330	50.69%	4.104%
6	7.398	899	903	915	rBV	2096958	2060808	41.50%	3.360%
7	8.116	1021	1025	1043	rBV	1134943	1002749	20.19%	1.635%
8	9.192	1203	1208	1211	rBV	4033930	3813985	76.80%	6.219%
9	9.586	1271	1275	1285	rBV	546506	542519	10.92%	0.885%
10	9.869	1319	1323	1336	rVB	1428625	1237150	24.91%	2.017%
11	10.086	1353	1360	1370	rBV	70061	138215	2.78%	0.225%
12	10.280	1390	1393	1399	rVB	72355	82510	1.66%	0.135%
13	10.663	1453	1458	1472	rBV	2425201	2410742	48.55%	3.931%
14	11.357	1572	1576	1585	rBV	1505111	1372206	27.63%	2.237%
15	11.739	1638	1641	1646	rVB2	121480	136646	2.75%	0.223%
16	11.839	1651	1658	1660	rVV2	220017	400861	8.07%	0.654%
17	11.892	1660	1667	1670	rVV	2098632	4001778	80.58%	6.525%
18	11.933	1670	1674	1691	rVB	692958	1569752	31.61%	2.559%
19	12.216	1717	1722	1725	rVB3	50007	72376	1.46%	0.118%
20	12.574	1778	1783	1785	rBV2	223029	354695	7.14%	0.578%
21	12.621	1789	1791	1793	rVV2	198702	234375	4.72%	0.382%
22	12.674	1793	1800	1808	rVV2	2567363	4965948	100.00%	8.097%
23	12.739	1808	1811	1819	rVB2	233355	453538	9.13%	0.739%
24	12.945	1840	1846	1849	rBV	4519529	4739408	95.44%	7.727%
25	13.163	1880	1883	1890	rVB3	41152	66590	1.34%	0.109%
26	13.380	1914	1920	1932	rBV	359082	718602	14.47%	1.172%
27	13.504	1937	1941	1944	rVB2	62981	87634	1.76%	0.143%
28	13.839	1993	1998	2006	rBV2	456381	837328	16.86%	1.365%
29	13.916	2006	2011	2017	rVV	651882	974969	19.63%	1.590%
30	13.963	2017	2019	2021	rVV	135399	135731	2.73%	0.221%
31	13.998	2021	2025	2033	rVB	1389854	1392093	28.03%	2.270%
32	14.145	2046	2050	2054	rBV	447703	437965	8.82%	0.714%
33	14.380	2084	2090	2097	rBV	925708	1389360	27.98%	2.265%
34	14.451	2097	2102	2106	rVB	927376	977874	19.69%	1.594%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.668	2137	2139	2148	rVB2	62777	86476	1.74%	0.141%
36	14.757	2148	2154	2158	rBV	1390908	1594870	32.12%	2.600%
37	14.810	2158	2163	2175	rBV2	1212297	2200288	44.31%	3.587%
38	15.086	2204	2210	2218	rBV	1583226	2043922	41.16%	3.333%
39	15.280	2237	2243	2255	rBV	985605	1651216	33.25%	2.692%
40	15.462	2267	2274	2282	rBV	2087856	3049236	61.40%	4.972%
41	15.721	2315	2318	2322	rVB	40658	53978	1.09%	0.088%
42	15.815	2328	2334	2340	rBV	553821	985320	19.84%	1.607%
43	15.886	2340	2346	2357	rVV	1009440	1652304	33.27%	2.694%
44	15.974	2357	2361	2371	rVB6	42951	107191	2.16%	0.175%
45	16.380	2421	2430	2434	rBV	480611	922814	18.58%	1.505%
46	16.427	2434	2438	2446	rVB	252552	481222	9.69%	0.785%
47	16.956	2523	2528	2536	rVB	136796	301475	6.07%	0.492%
48	17.139	2552	2559	2569	rVB3	102296	272243	5.48%	0.444%
49	17.980	2697	2702	2710	rVB3	40778	107649	2.17%	0.176%

Sum of corrected areas: 61332161

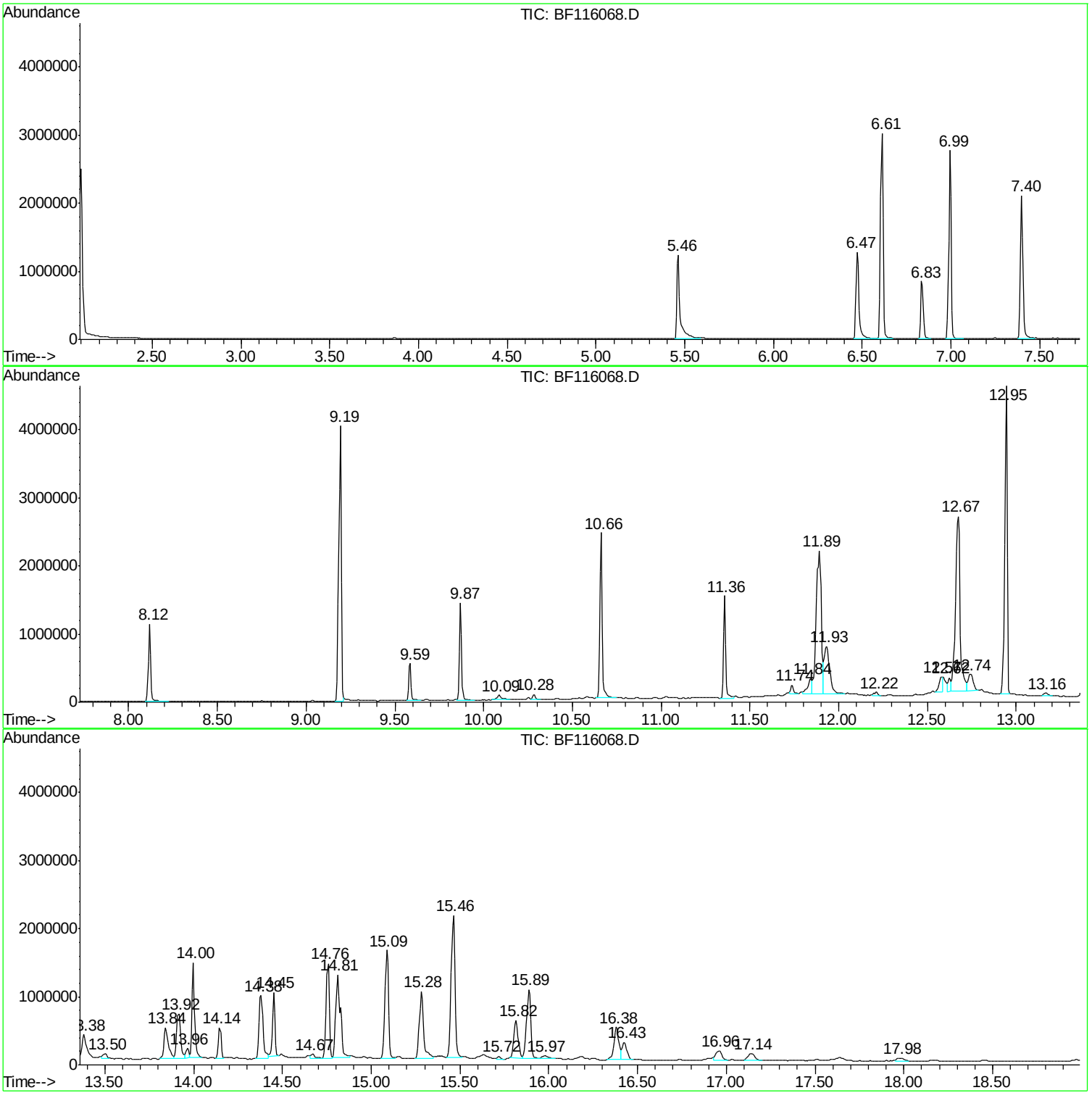
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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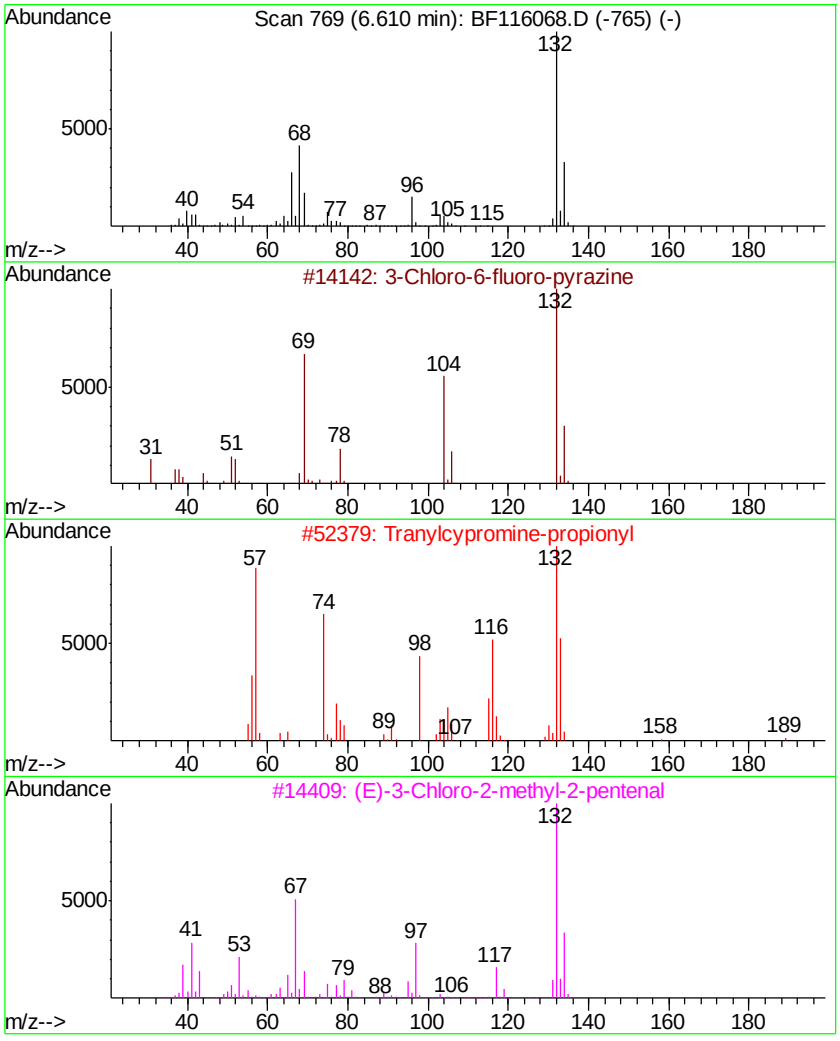
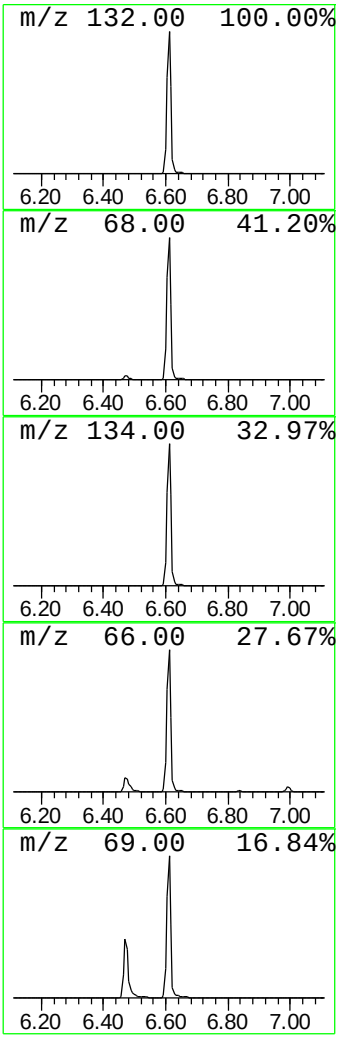
Peak Number 1 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	71.64 ng	2812260	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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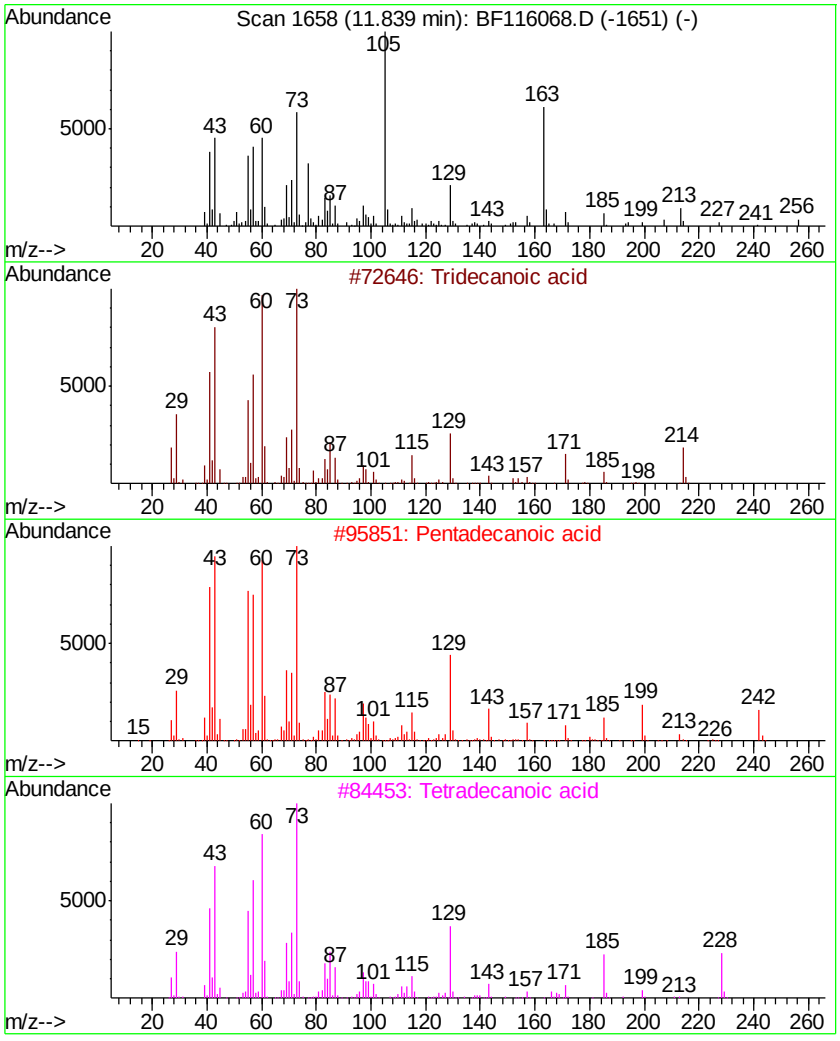
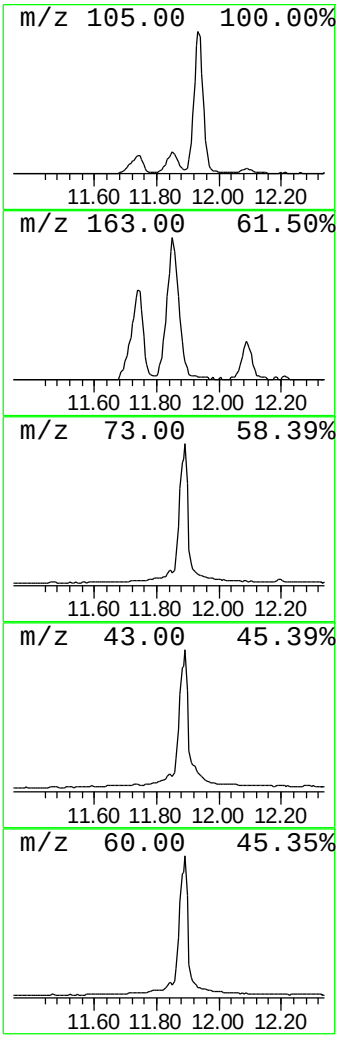
Peak Number 3 Tridecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.84 ng	400861	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	18
5	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	14





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Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

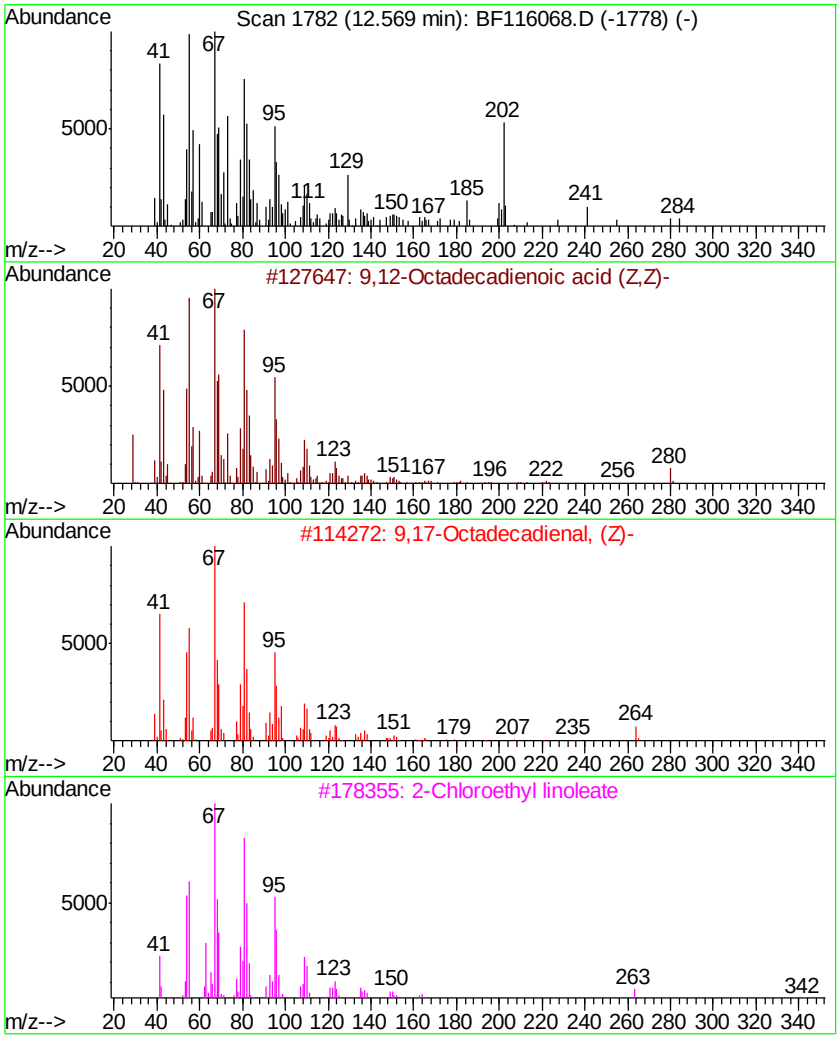
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

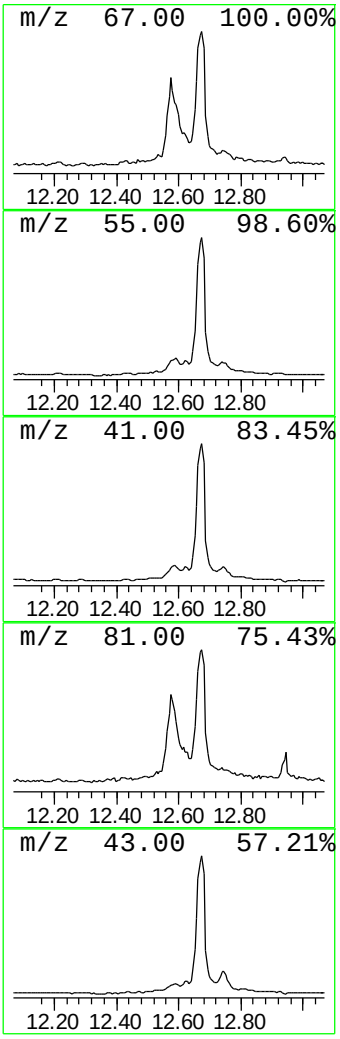
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.17 ng	354695	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	95
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	64
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	55
5	8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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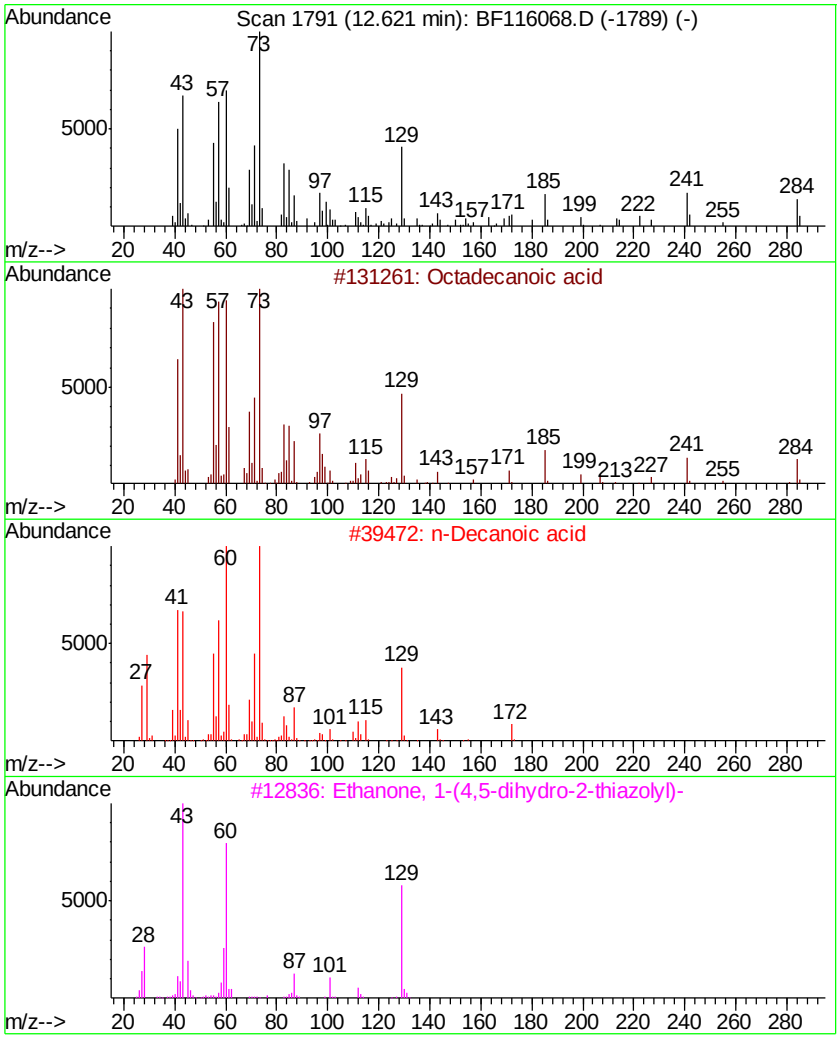
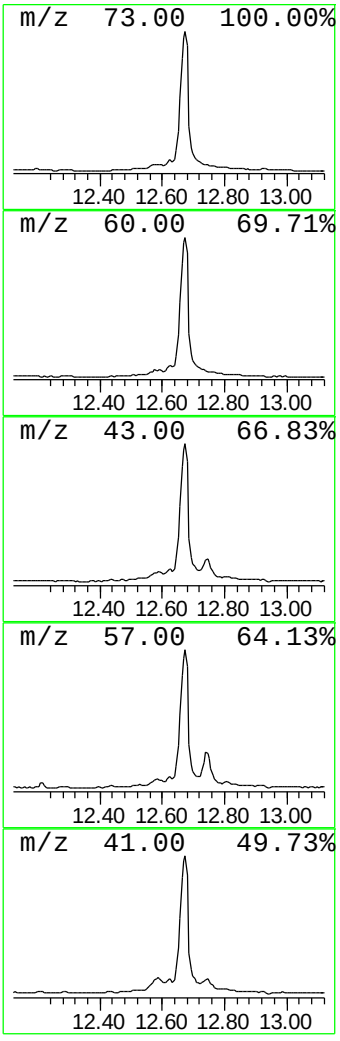
Peak Number 5 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.42 ng	234375	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	n-Decanoic acid	172	C10H20O2	000334-48-5	68
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30
4	Isoamyl nitrite	117	C5H11NO2	000110-46-3	27
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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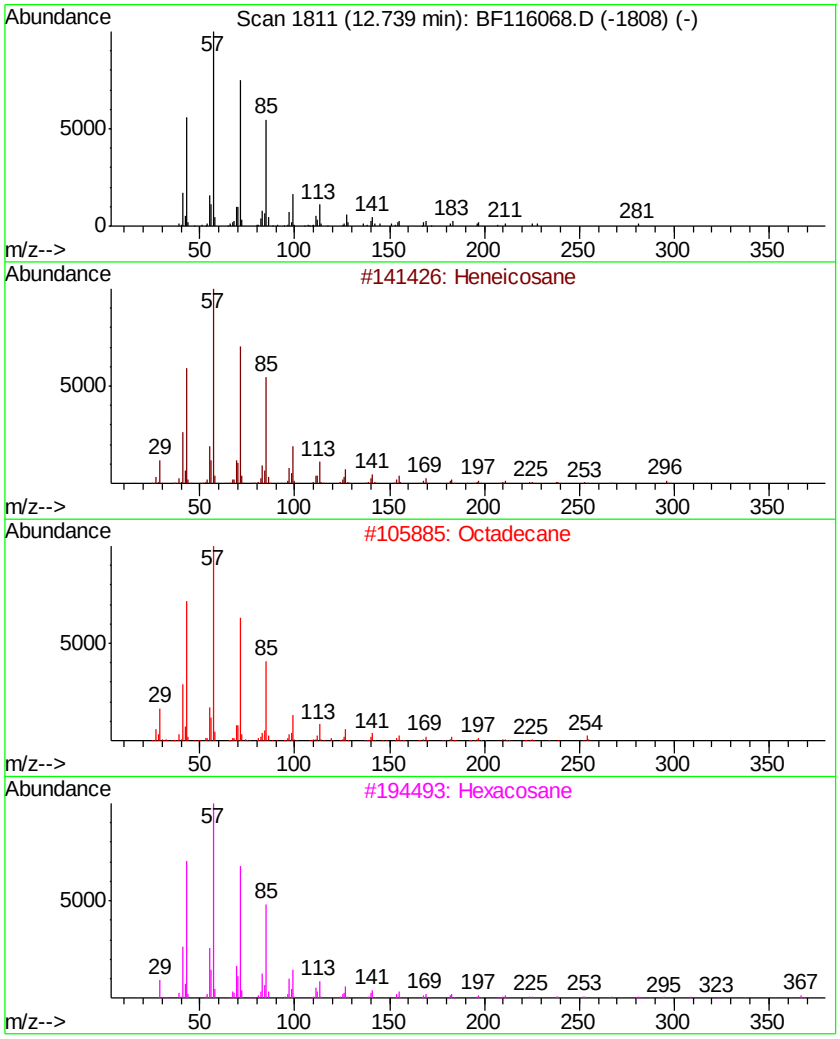
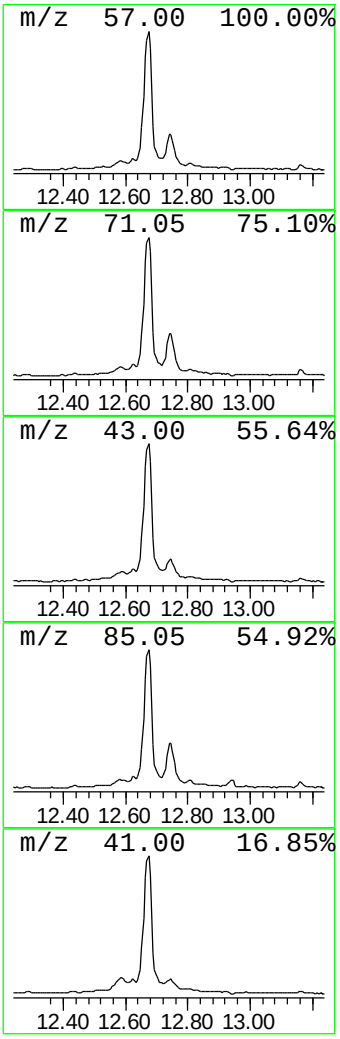
Peak Number 7 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	6.52 ng	453538	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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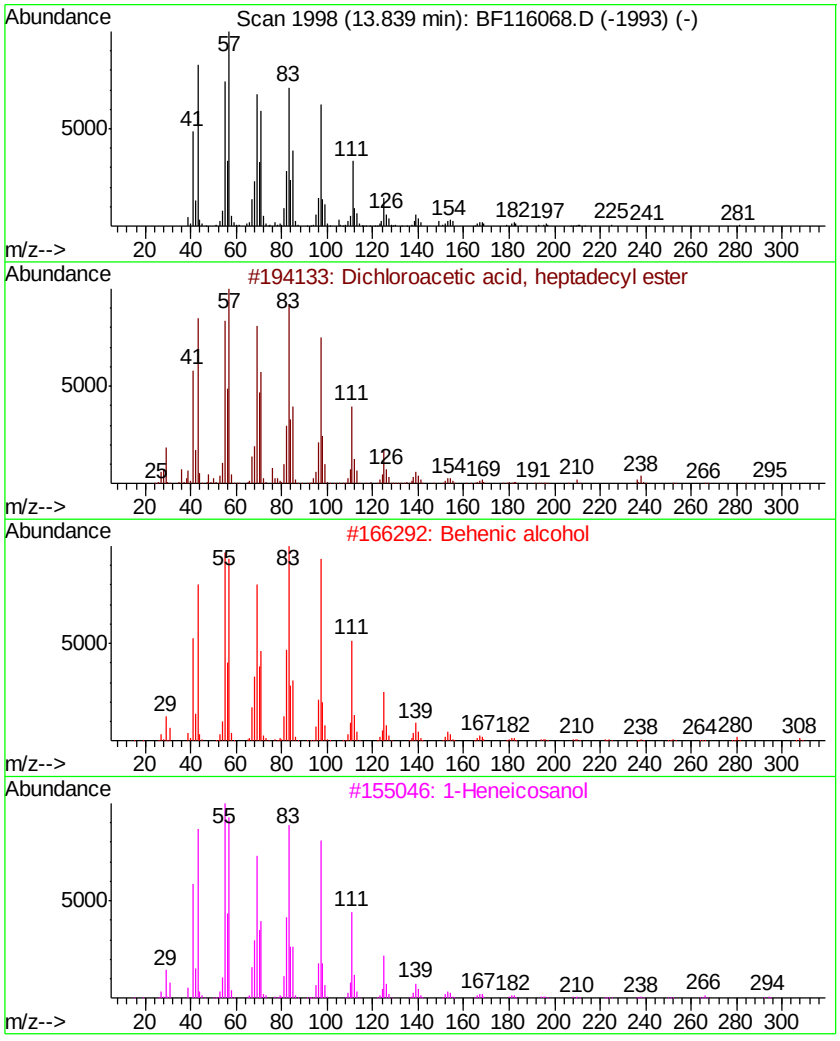
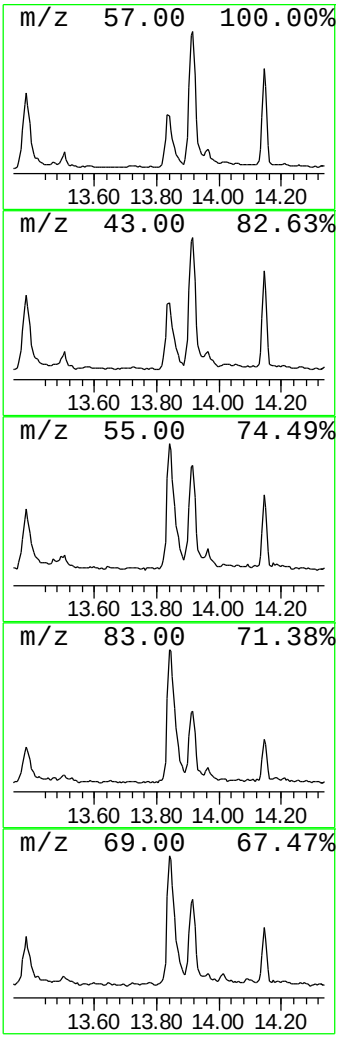
Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	12.03 ng	837328	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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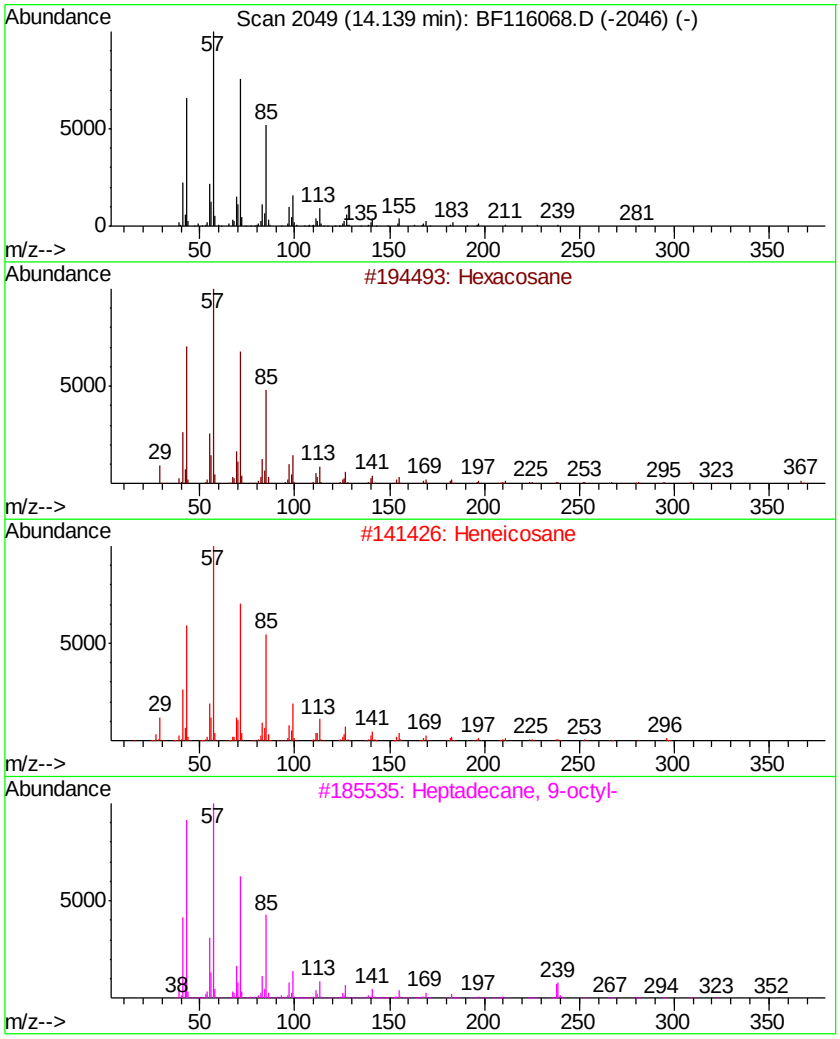
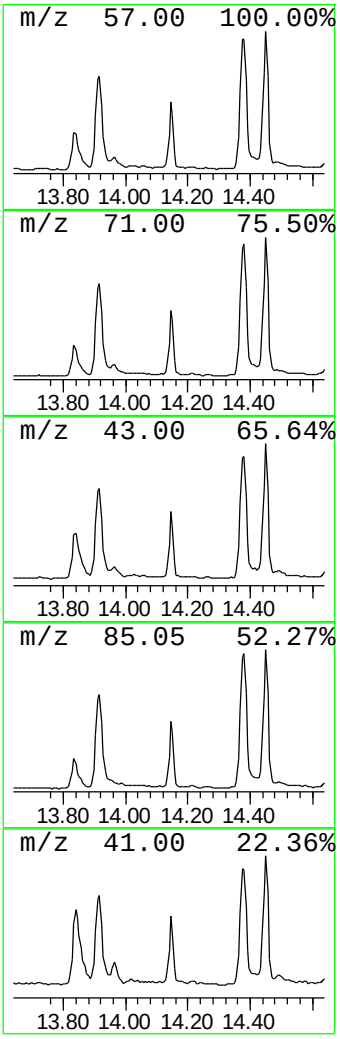
Peak Number 11 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	6.29 ng	437965	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Nonadecane	268	C19H40	000629-92-5	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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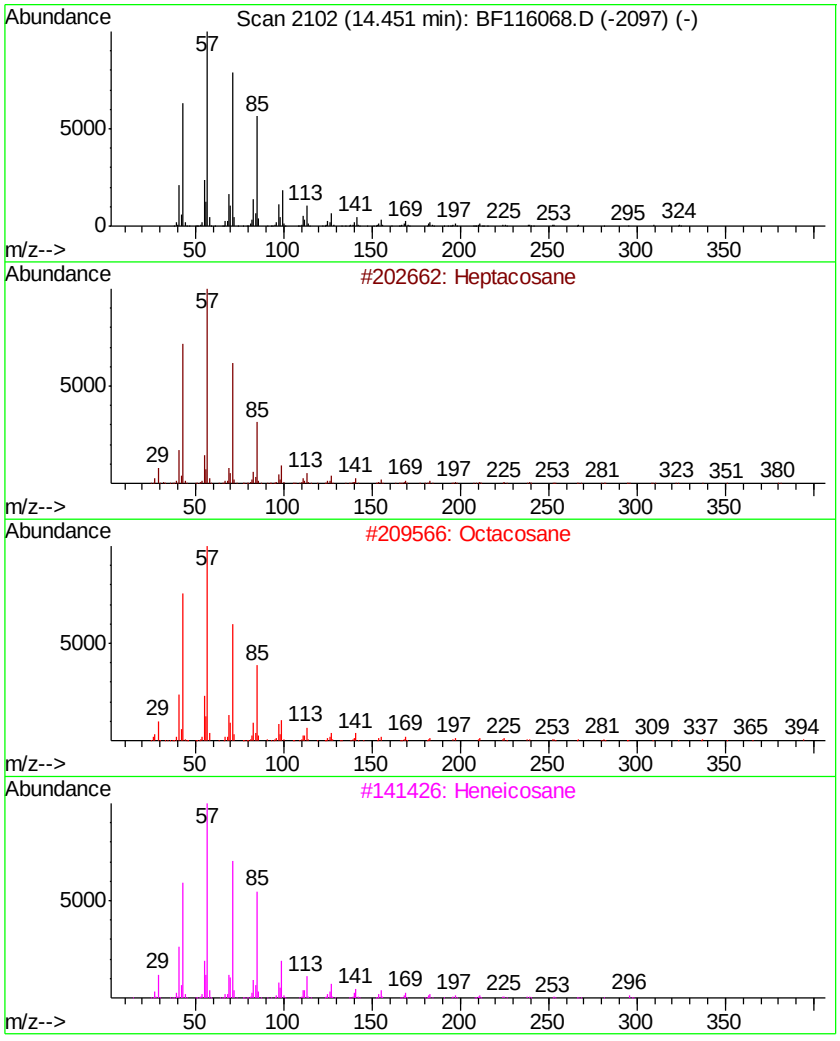
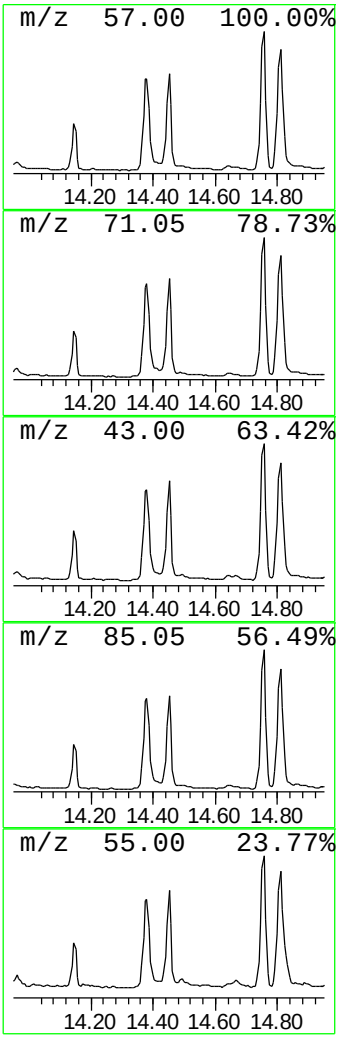
Peak Number 13 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	14.05 ng	977874	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

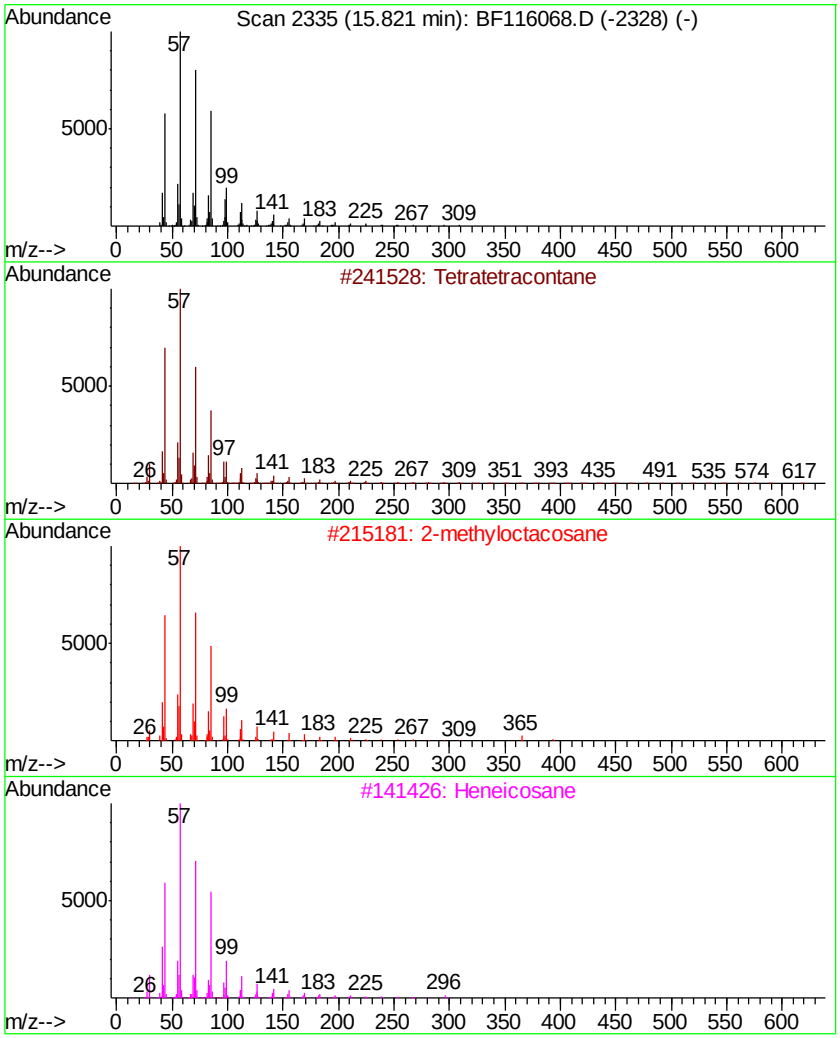
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

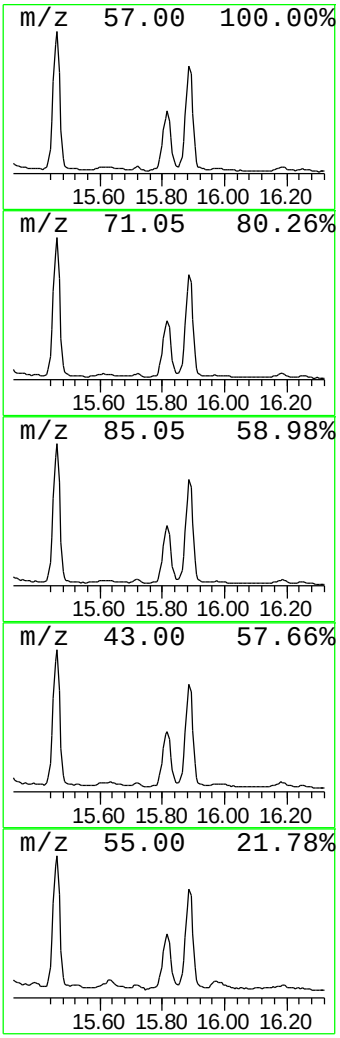
****

Peak Number 18 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	6.46 ng	985320	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080819\
Data File : BF116068.D
Acq On : 8 Aug 2019 14:52
Operator : HP/JU
Sample : K4148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-3-ELU-20190612

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.61	6.61	71.6	ng	2812260	1	6.83	785106	20.0
Tridecanoic acid	11.84	5.8	ng	400861	4	11.36	1372210	20.0
9,12-Octadecadien...	12.57	5.2	ng	354695	4	11.36	1372210	20.0
Octadecanoic acid	12.62	3.4	ng	234375	4	11.36	1372210	20.0
Heneicosane	12.74	6.5	ng	453538	5	14.00	1392090	20.0
Dichloroacetic ac...	13.84	12.0	ng	837328	5	14.00	1392090	20.0
Hexacosane	14.14	6.3	ng	437965	5	14.00	1392090	20.0
Heptacosane	14.45	14.1	ng	977874	5	14.00	1392090	20.0
Tetratetracontane	15.82	6.5	ng	985320	6	15.46	3049240	20.0