LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

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-BF040820.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	4.981	488	492	498	rVB	48407	58714	1.44%	0.180%
2	5.387	555	561	564	rBV	3864901	3989021	97.61%	12.220%
3	6.404	728	734	737	rBV	3785435	4086516	100.00%	12.518%
4	6.598	763	767	779	rVB	133467	129179	3.16%	0.396%
5	6.769	792	796	799	rBV	1378897	1129433	27.64%	3.460%
6	6.928	818	823	826	rBV	3415980	3215615	78.69%	9.851%
7	7.334	886	892	895	rBV	2632090	2447008	59.88%	7.496%
8	8.051	1010	1014	1017	rBV	1528096	1243981	30.44%	3.811%
9	9.133	1193	1198	1201	rBV	4917239	4013325	98.21%	12.294%
10	9.251	1215	1218	1221	rVB	80177	70994	1.74%	0.217%
11	9.527	1261	1265	1268	rBV	528361	445636	10.91%	1.365%
12	9.810	1309	1313	1316	rBV	1580125	1246475	30.50%	3.818%
13	10.598	1443	1447	1450	rBV	2678245	2292850	56.11%	7.024%
14	11.292	1562	1565	1569	rBV	1297071	1135170	27.78%	3.477%
15	11.827	1652	1656	1668	rBV	581502	564758	13.82%	1.730%
16	12.616	1787	1790	1796	rBV	207103	237981	5.82%	0.729%
17	12.886	1831	1836	1839	rBV	3380927	2934946	71.82%	8.991%
18	13.116	1871	1875	1880	rBV3	33985	54484	1.33%	0.167%
19	13.463	1928	1934	1941	rBV	62740	109117	2.67%	0.334%
20	13.792	1986	1990	2003	rBV	411936	641914	15.71%	1.966%
21	13.933	2010	2014	2022	rBV	950446	845668	20.69%	2.591%
22	14.110	2040	2044	2050	rVB	87806	105934	2.59%	0.325%
23	14.415	2093	2096	2098	rBV	88674	91455	2.24%	0.280%
24	14.692	2140	2143	2145	rBV2	63923	66173	1.62%	0.203%
25	14.715	2145	2147	2151	rVB	147400	131418	3.22%	0.403%
26	15.045	2199	2203	2207	rVB	112981	126364	3.09%	0.387%
27	15.374	2254	2259	2262	rBV	638806	723450	17.70%	2.216%
28	15.415	2262	2266	2270	rVB	111686	149655	3.66%	0.458%
29	15.833	2334	2337	2343	rVB	89983	124200	3.04%	0.380%
30	15.904	2345	2349	2351	rBV5	46623	71741	1.76%	0.220%
31	16.321	2416	2420	2429	rVB3	56405	102910	2.52%	0.315%
32	16.898	2514	2518	2523	rBV4	27211	58017	1.42%	0.178%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 32644102

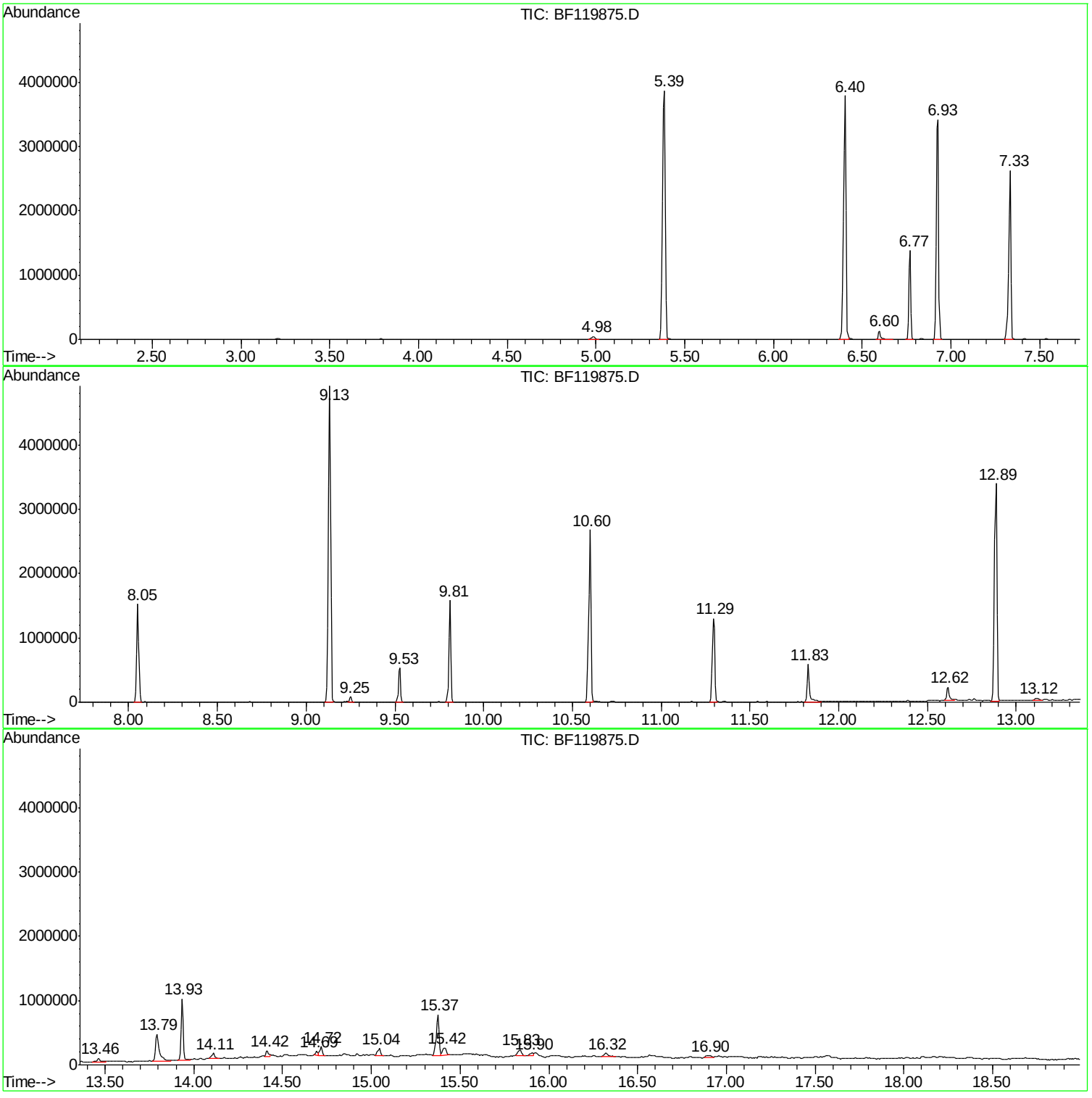
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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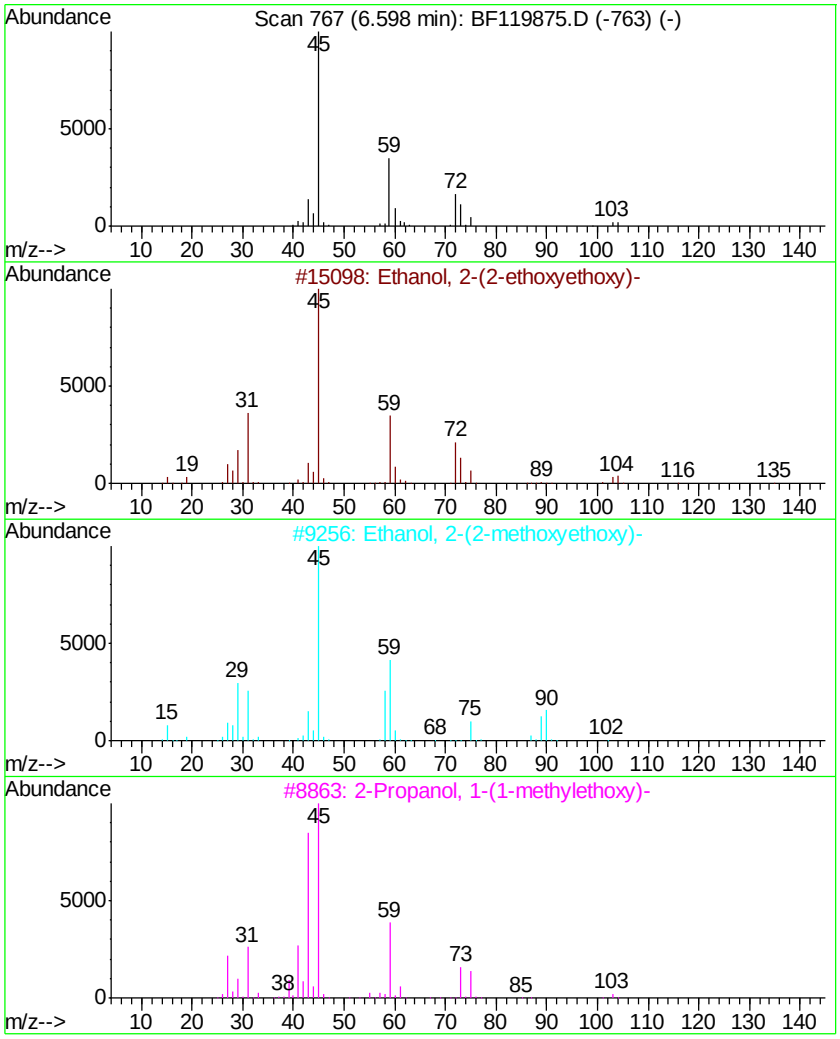
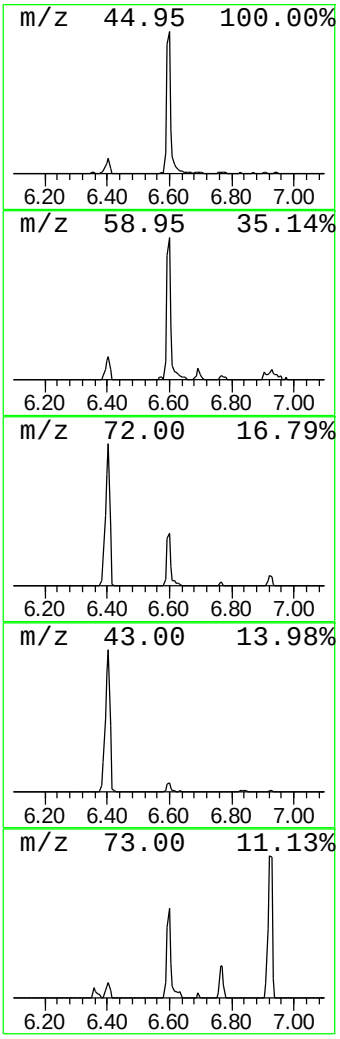
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	2.29 ng	129179	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	74
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
4	Ethyl ether	74	C4H10O	000060-29-7	36
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

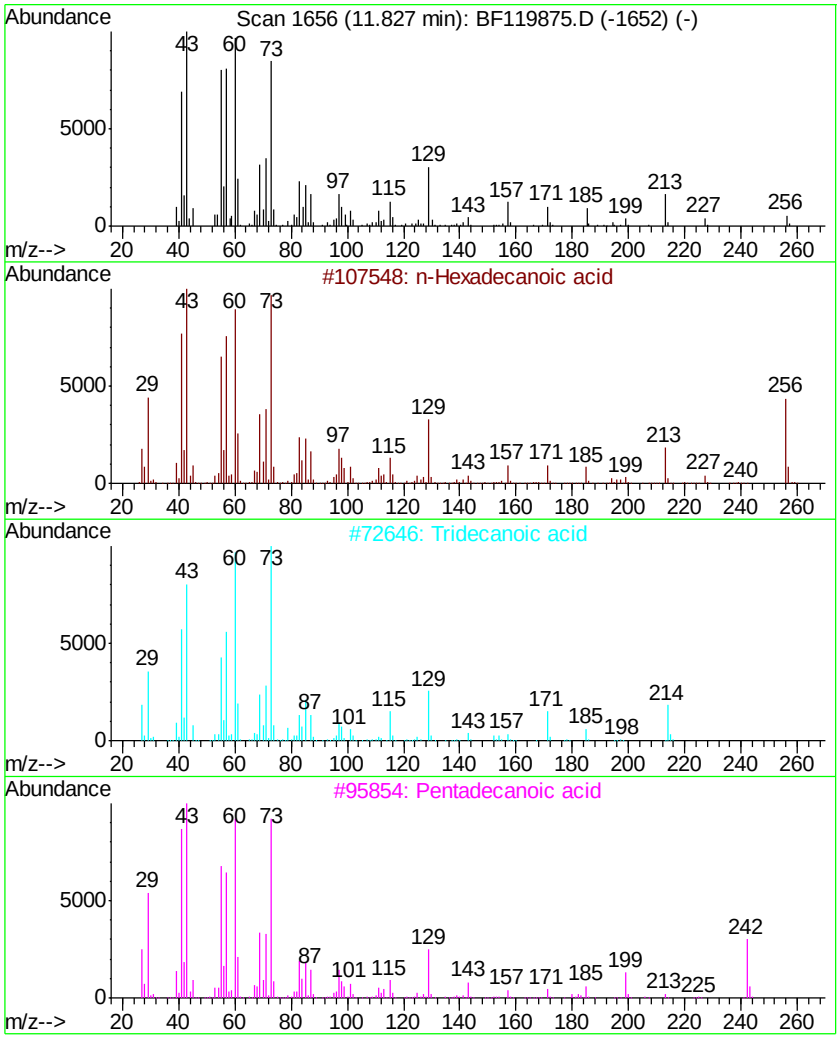
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

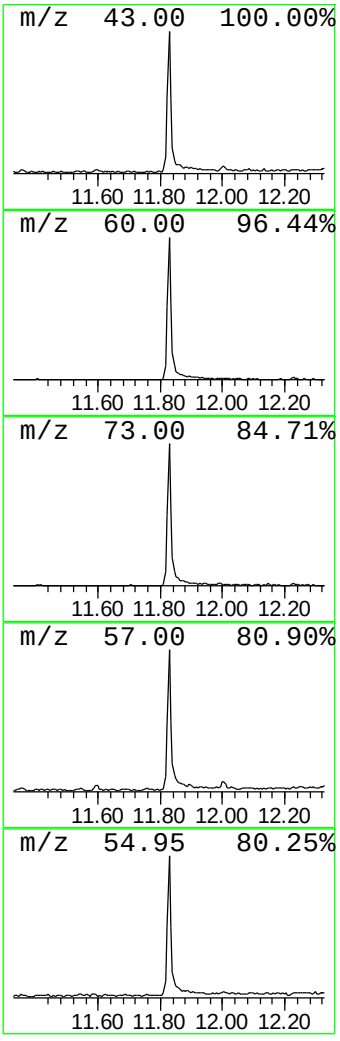
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.95 ng	564758	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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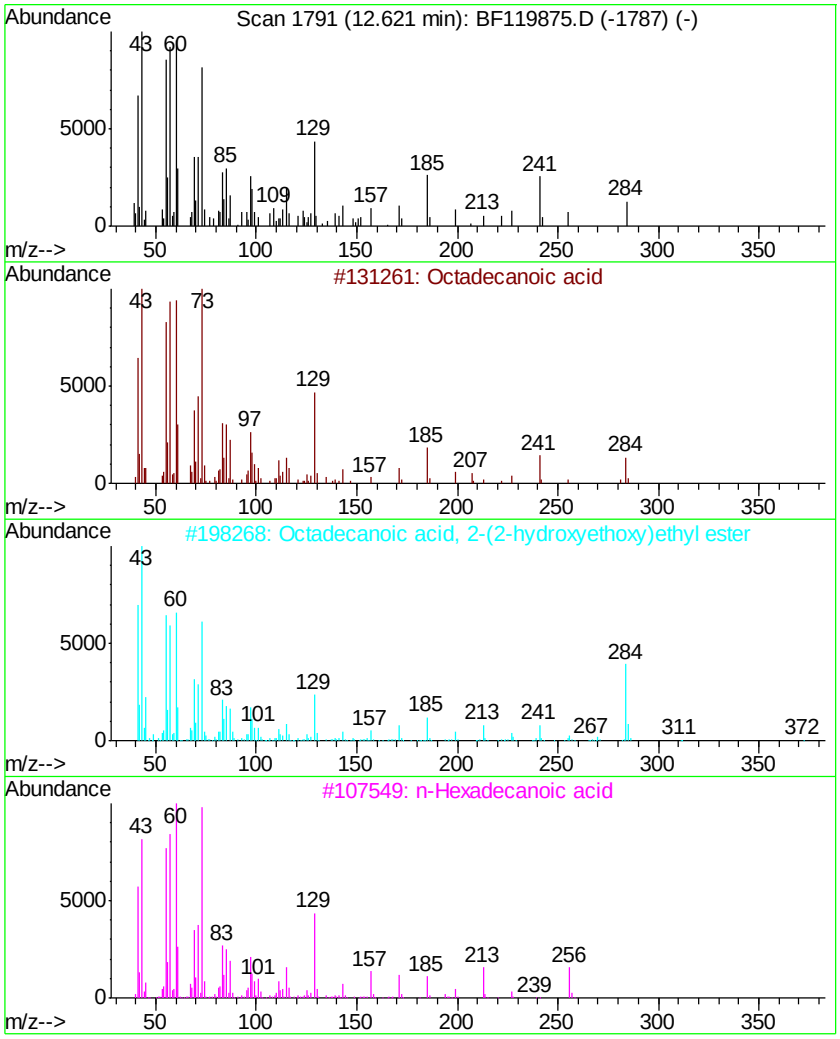
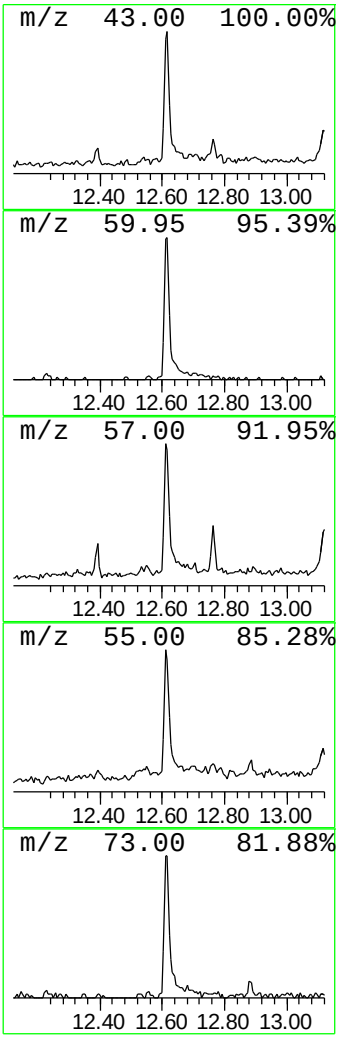
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	5.63 ng	237981	Chrysene-d12	13.93

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	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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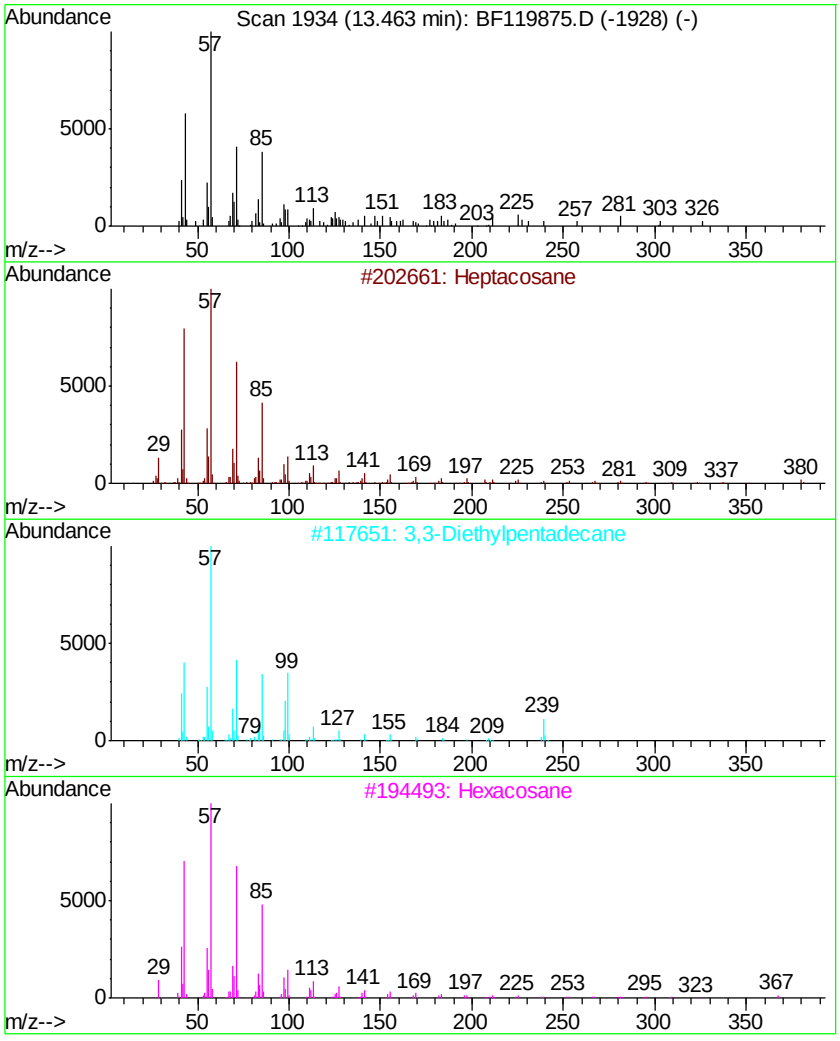
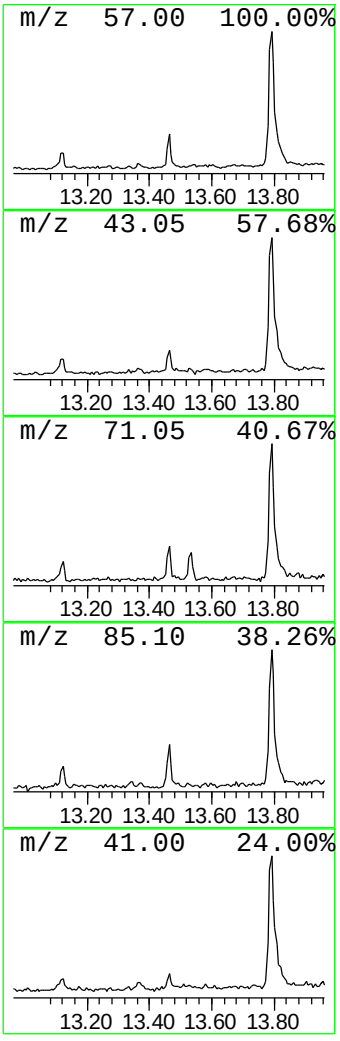
Peak Number 5 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.58 ng	109117	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	3,3-Diethylpentadecane	268	C19H40	1000360-41-1	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Tricosane	324	C23H48	000638-67-5	59
5	Hexatriacontane	507	C36H74	000630-06-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
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Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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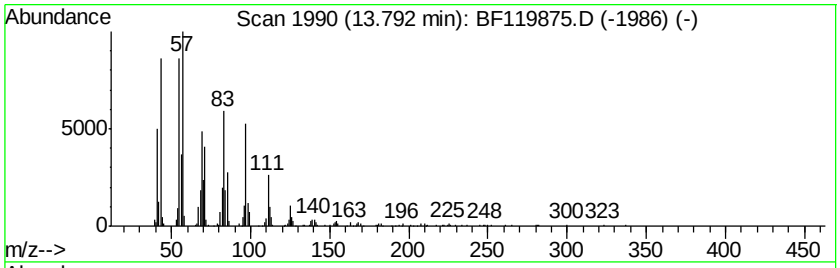
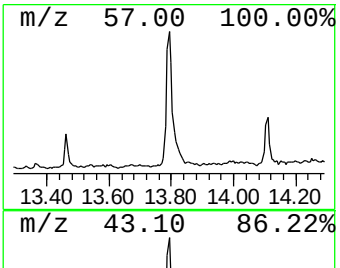
Peak Number 6 Heptafluorobutyric acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	15.18 ng	641914	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





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Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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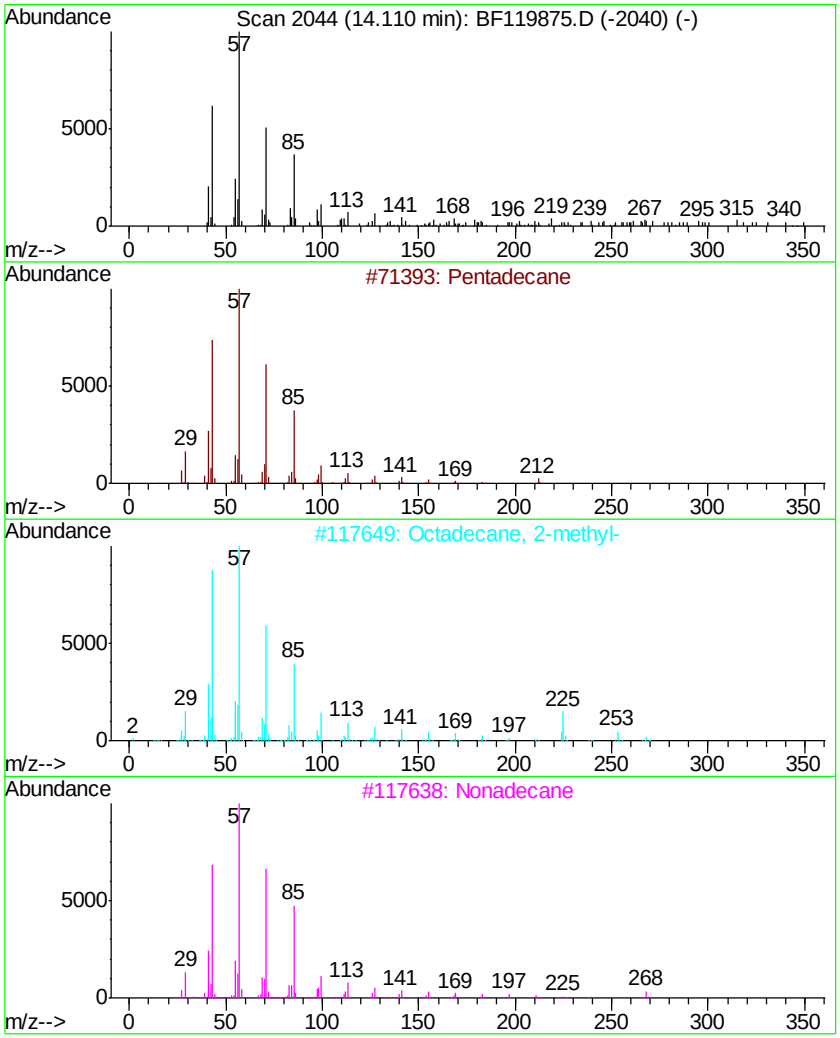
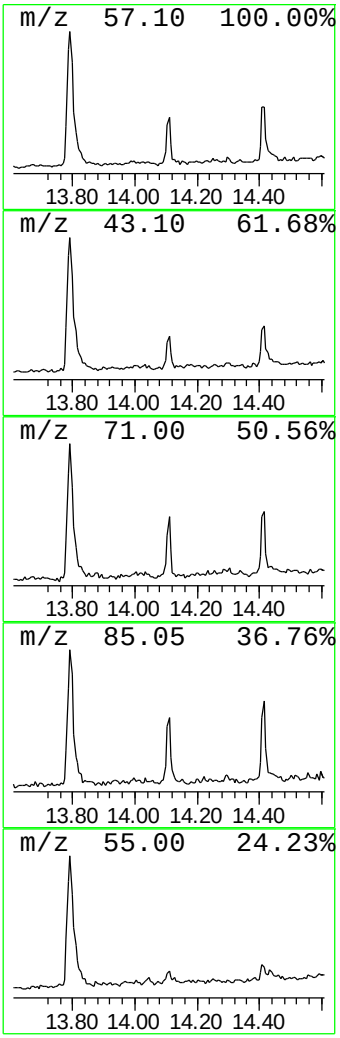
Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.51 ng	105934	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Nonadecane	268	C19H40	000629-92-5	89
4	Octacosane	394	C28H58	000630-02-4	83
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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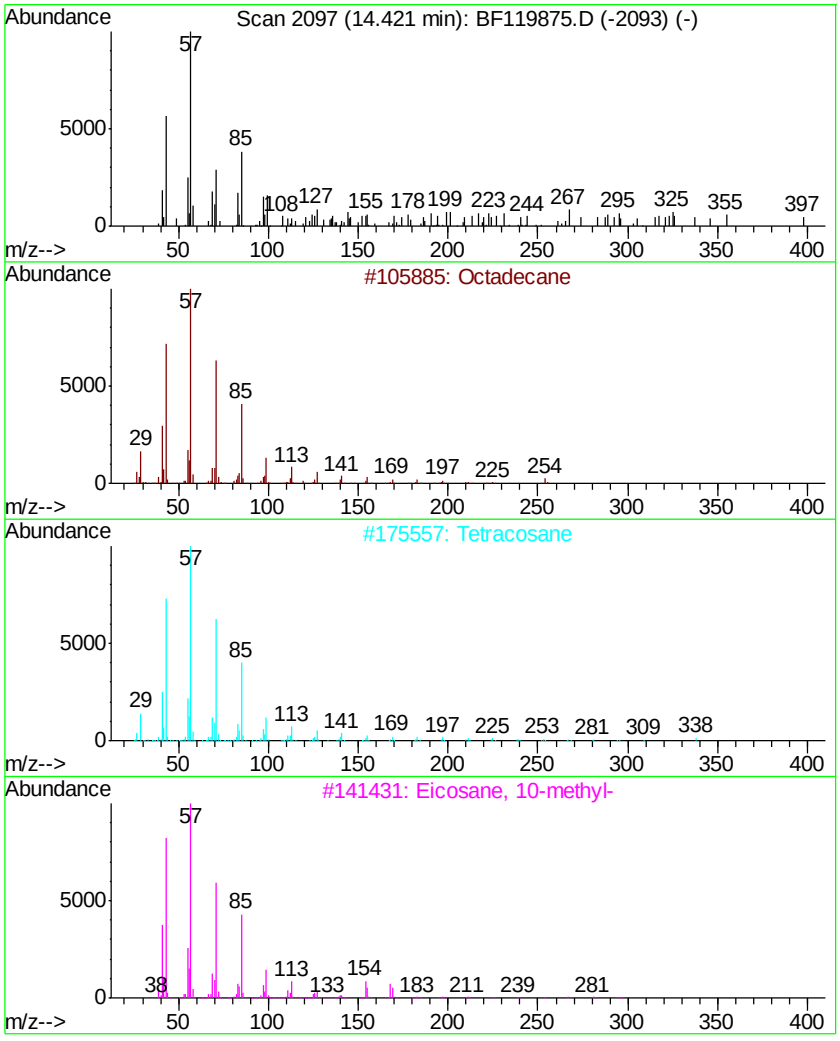
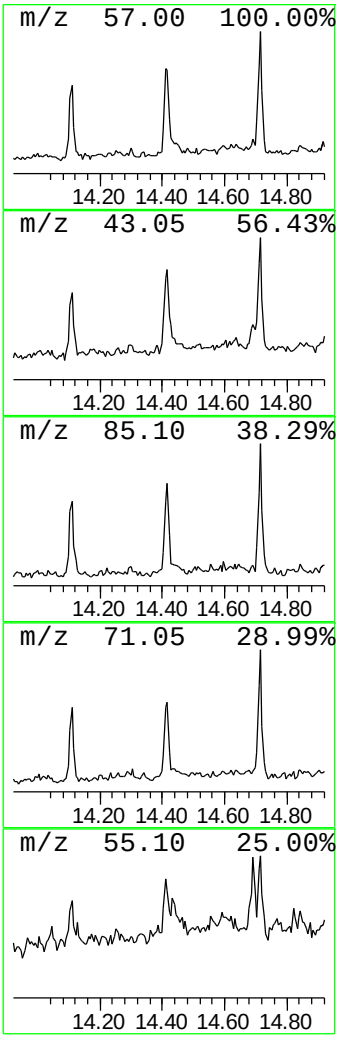
Peak Number 8 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.16 ng	91455	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
5	Heneicosane	296	C21H44	000629-94-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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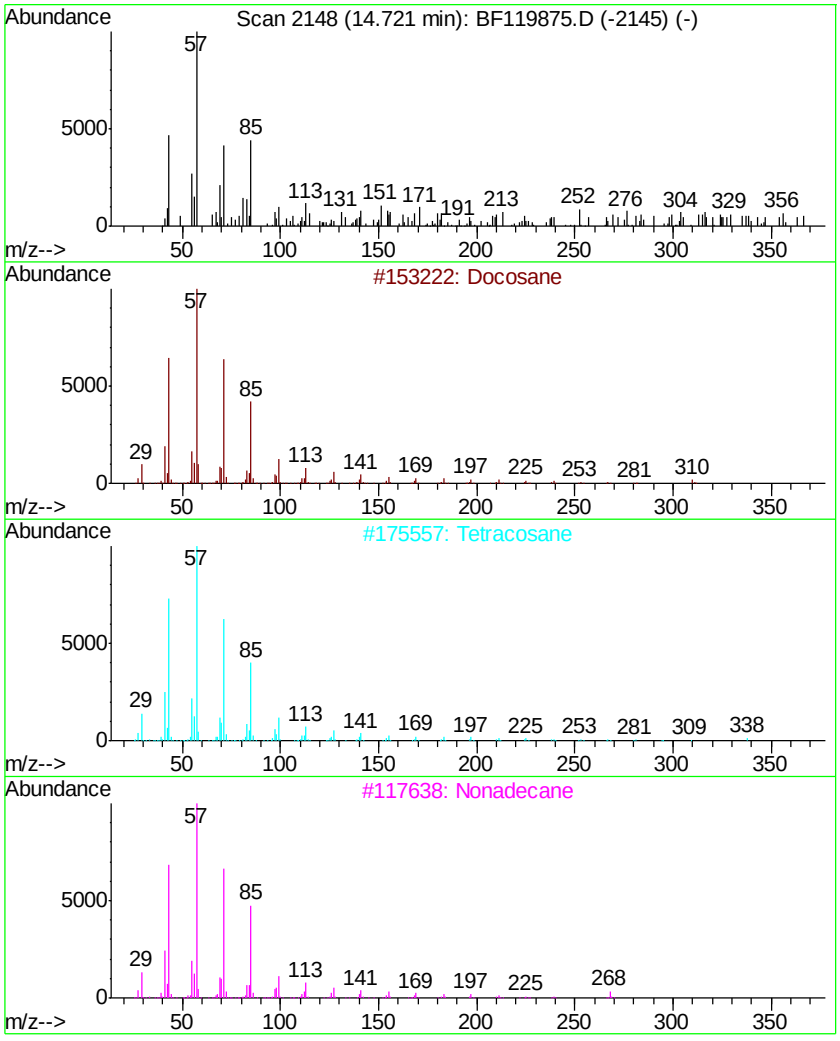
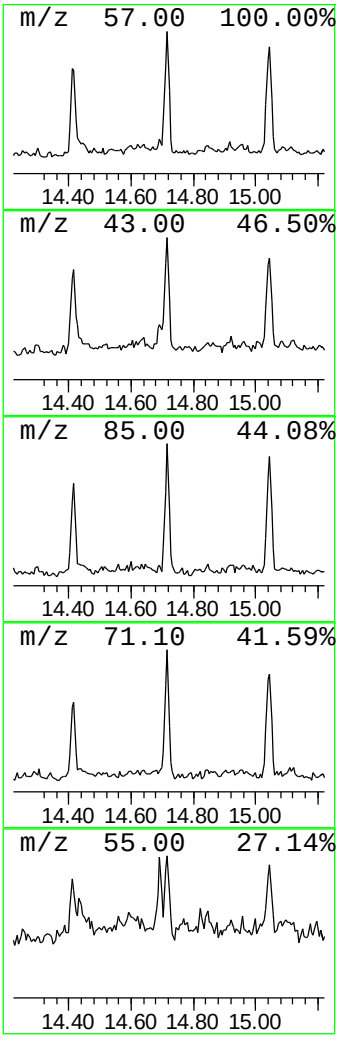
Peak Number 9 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.63 ng	131418	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Octacosane	394	C28H58	000630-02-4	86





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Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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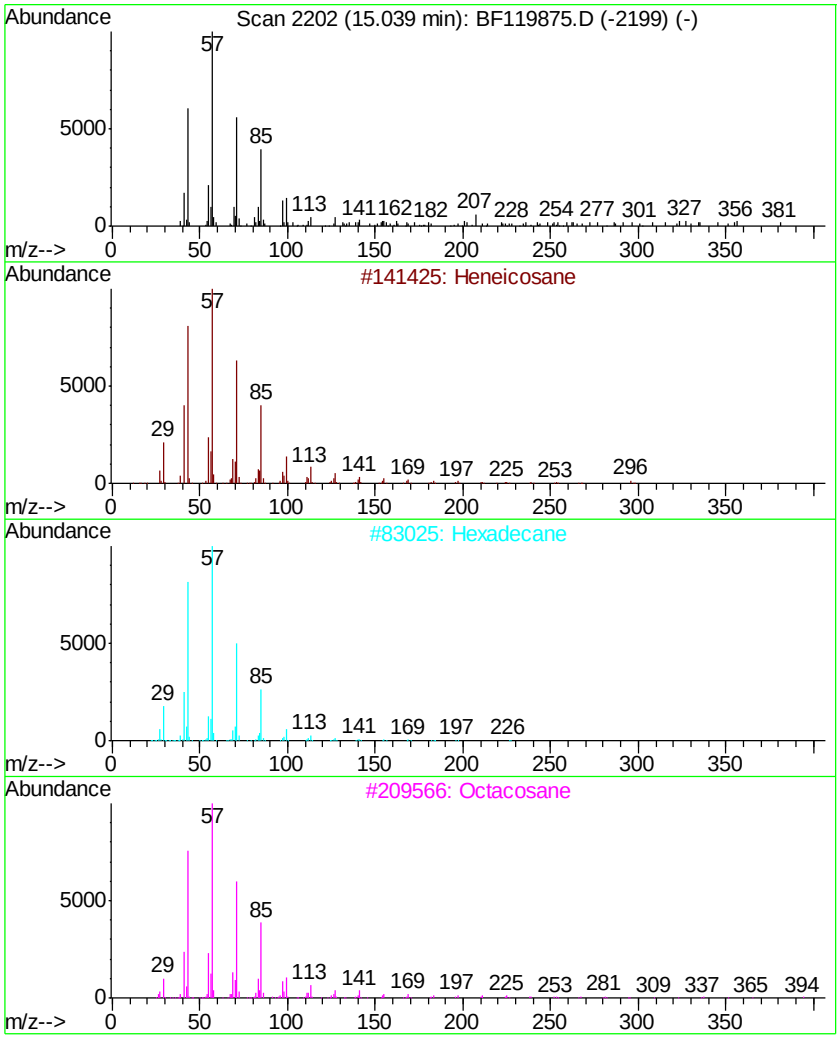
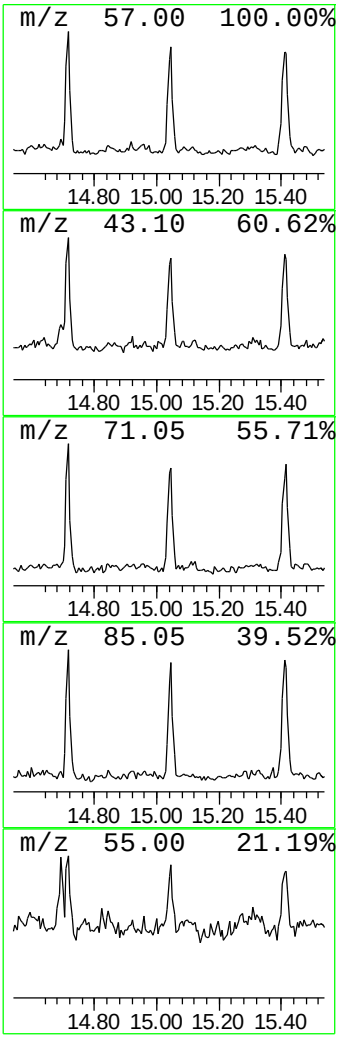
Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.49 ng	126364	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Octadecane	254	C18H38	000593-45-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

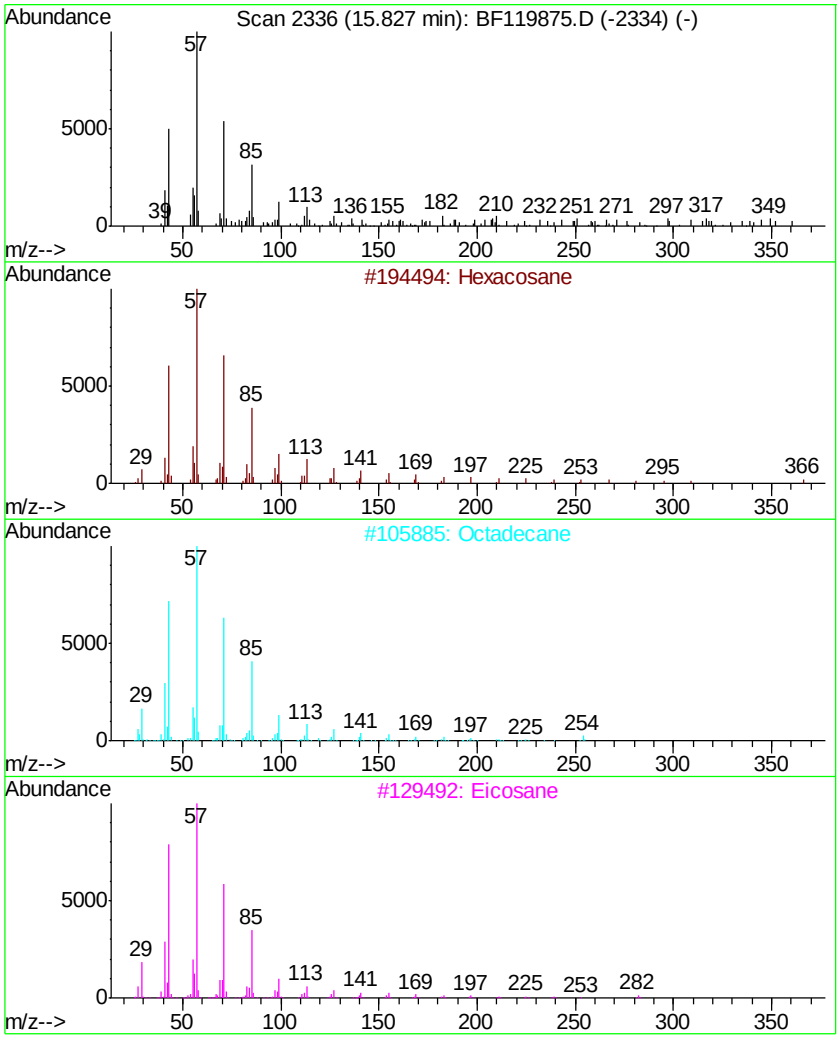
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

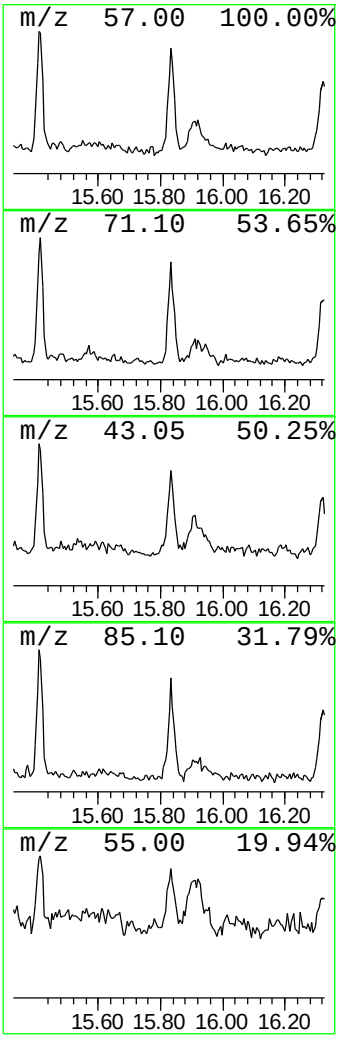
****

Peak Number 11 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.43 ng	124200	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octadecane	254	C18H38	000593-45-3	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Pentadecane	212	C15H32	000629-62-9	70
5	Heneicosane	296	C21H44	000629-94-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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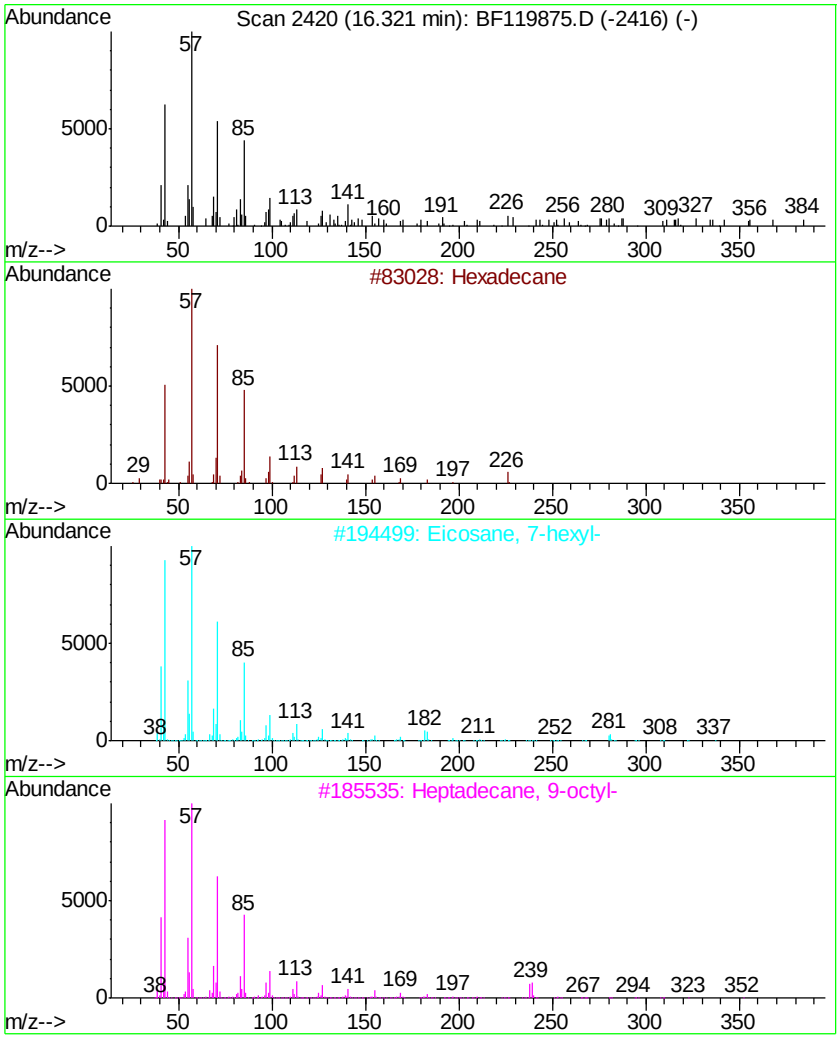
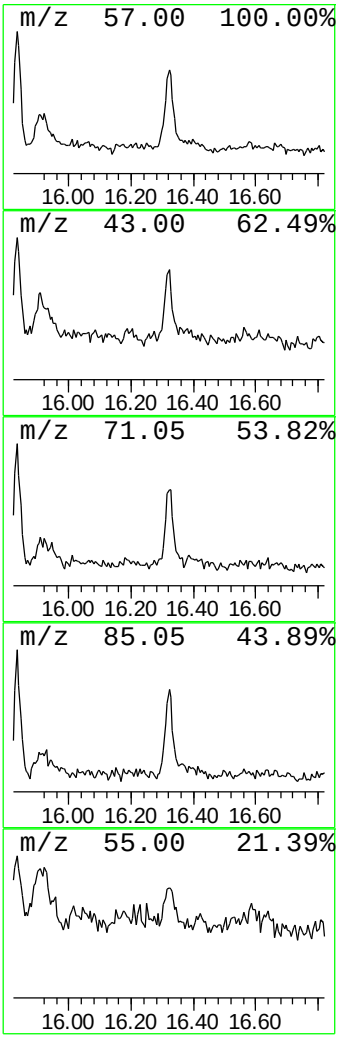
Peak Number 12 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.84 ng	102910	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	62
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
4	Docosane, 7-butyl-	366	C26H54	055282-15-0	58
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
Data File : BF119875.D
Acq On : 9 Apr 2020 17:51
Operator : MA/SJ
Sample : L2146-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-67-66-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Ethanol, 2-(2-eth...	6.60	2.3	ng	129179	1	6.77	1129430	20.0
n-Hexadecanoic acid	11.83	9.9	ng	564758	4	11.29	1135170	20.0
Octadecanoic acid	12.62	5.6	ng	237981	5	13.93	845668	20.0
Heptacosane	13.46	2.6	ng	109117	5	13.93	845668	20.0
Heptafluorobutyri...	13.79	15.2	ng	641914	5	13.93	845668	20.0
Pentadecane	14.11	2.5	ng	105934	5	13.93	845668	20.0
Octadecane	14.42	2.2	ng	91455	5	13.93	845668	20.0
Docosane	14.72	3.6	ng	131418	6	15.37	723450	20.0
Heneicosane	15.04	3.5	ng	126364	6	15.37	723450	20.0
Hexacosane	15.83	3.4	ng	124200	6	15.37	723450	20.0
Hexadecane	16.32	2.8	ng	102910	6	15.37	723450	20.0