LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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-BF120518.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	4.998	491	495	502	rVB	307503	368786	2.68%	0.340%
2	5.410	561	565	569	rBV	6263907	6177328	44.88%	5.689%
3	6.422	733	737	745	rBV	4518927	4353690	31.63%	4.009%
4	6.575	758	763	766	rBV	11621126	10865705	78.95%	10.006%
5	6.804	799	802	806	rBV	4748740	3830353	27.83%	3.527%
6	6.963	825	829	832	rBV	11339136	10114008	73.49%	9.314%
7	7.363	892	897	900	rBV	8792175	9248017	67.19%	8.516%
8	8.086	1016	1020	1023	rBV	6228247	4894126	35.56%	4.507%
9	9.169	1199	1204	1207	rBV	15123219	13763069	100.00%	12.674%
10	9.810	1310	1313	1315	rBV	362410	302562	2.20%	0.279%
11	9.839	1315	1318	1322	rVB	5740153	4907410	35.66%	4.519%
12	10.622	1447	1451	1455	rBV	7029886	6979762	50.71%	6.428%
13	11.321	1566	1570	1573	rBV	4884575	3929388	28.55%	3.619%
14	11.863	1657	1662	1678	rBV	3090215	3376171	24.53%	3.109%
15	12.645	1791	1795	1808	rBV	3079760	3149302	22.88%	2.900%
16	12.910	1835	1840	1843	rBV	11216164	10288806	74.76%	9.475%
17	13.815	1990	1994	1999	rBV	770438	910484	6.62%	0.838%
18	13.957	2014	2018	2021	rBV	3574499	3282988	23.85%	3.023%
19	14.139	2046	2049	2054	rBV	405613	416374	3.03%	0.383%
20	14.445	2098	2101	2105	rVB	654331	587471	4.27%	0.541%
21	14.745	2149	2152	2159	rVB	953582	983740	7.15%	0.906%
22	15.074	2205	2208	2216	rBV	918916	1029262	7.48%	0.948%
23	15.392	2257	2262	2266	rBV	1847695	2283260	16.59%	2.103%
24	15.445	2267	2271	2282	rVB	846785	1301149	9.45%	1.198%
25	15.874	2340	2344	2349	rVB	581680	785974	5.71%	0.724%
26	16.368	2424	2428	2435	rBV2	280827	461843	3.36%	0.425%

Sum of corrected areas: 108591028

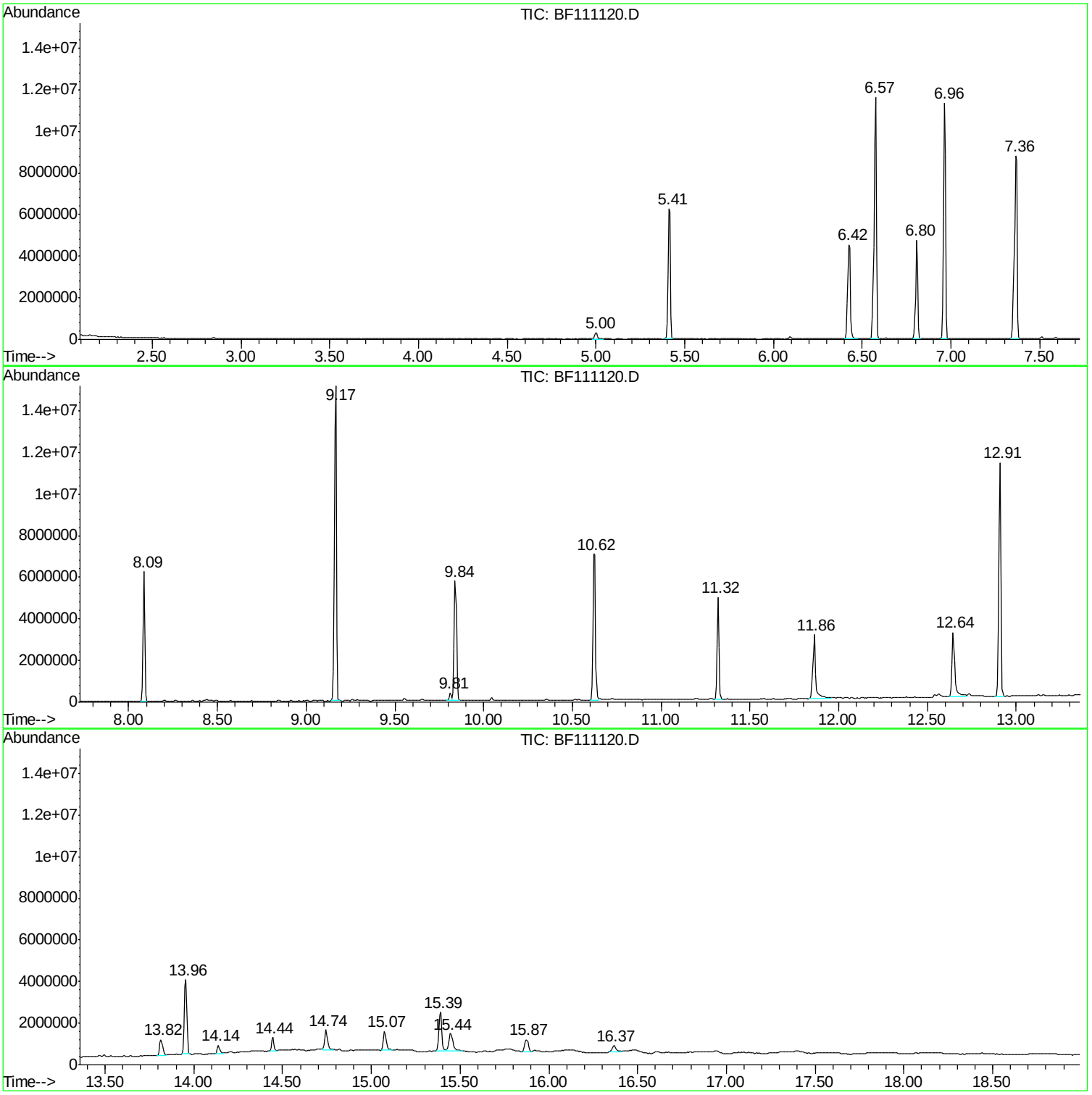
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

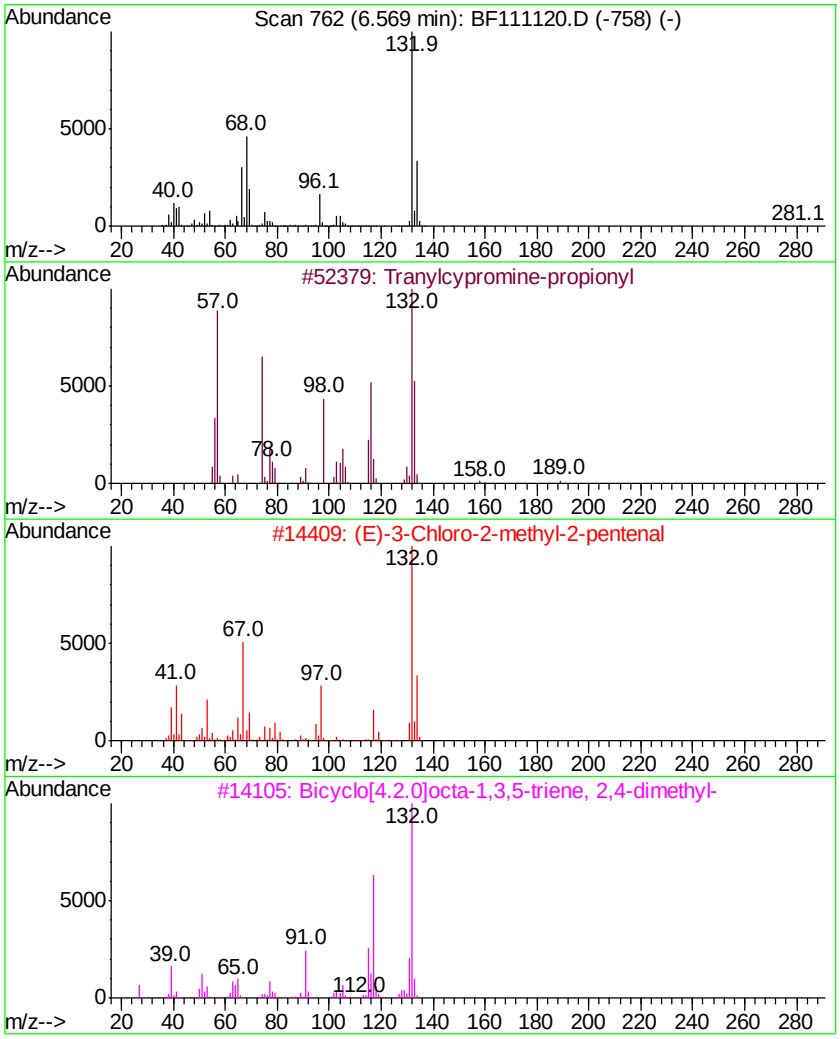
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

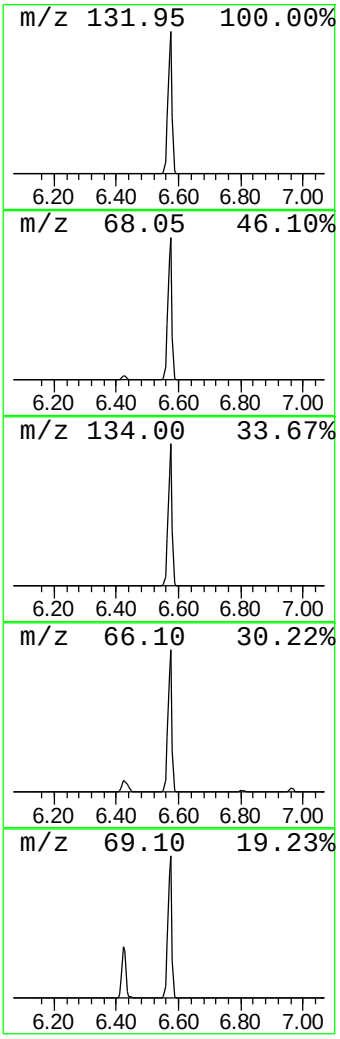
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	56.73 ng	10865700	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

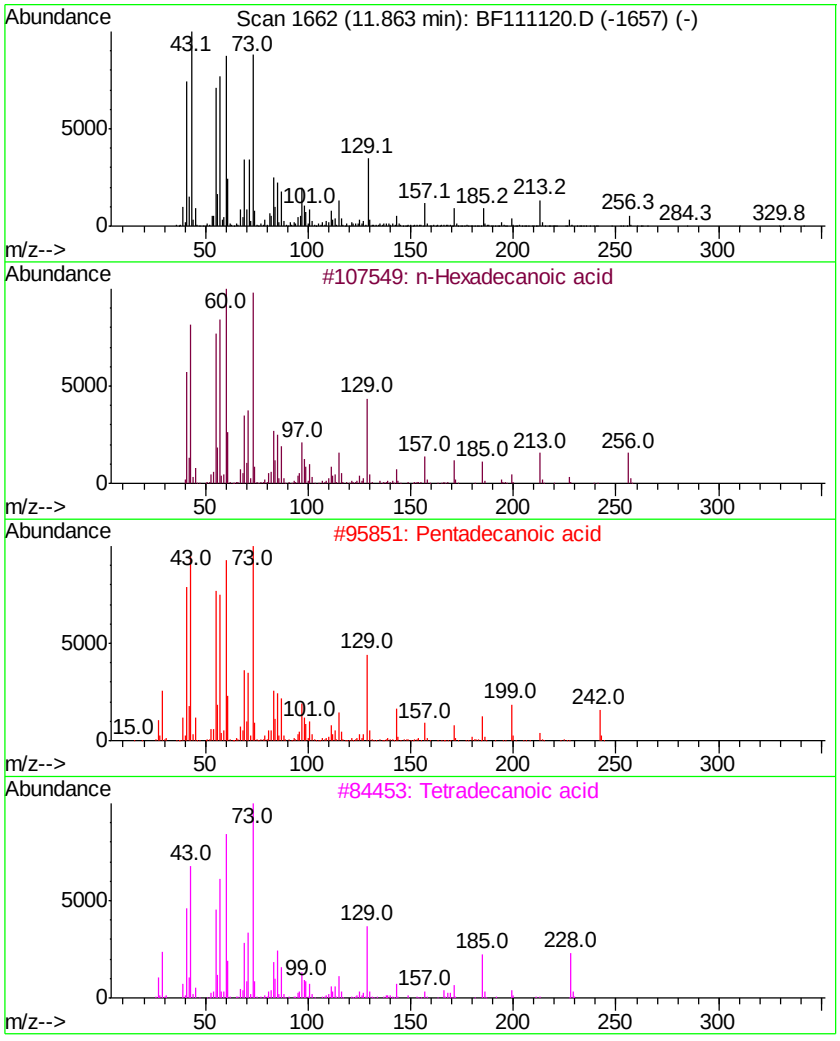
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

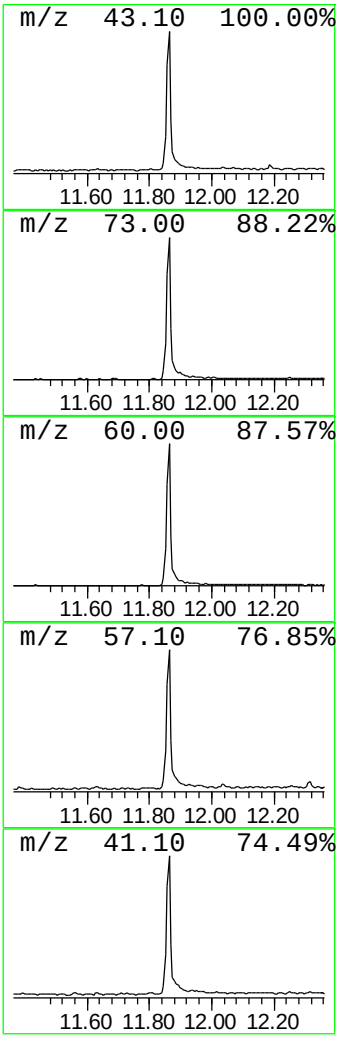
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	17.18 ng	3376170	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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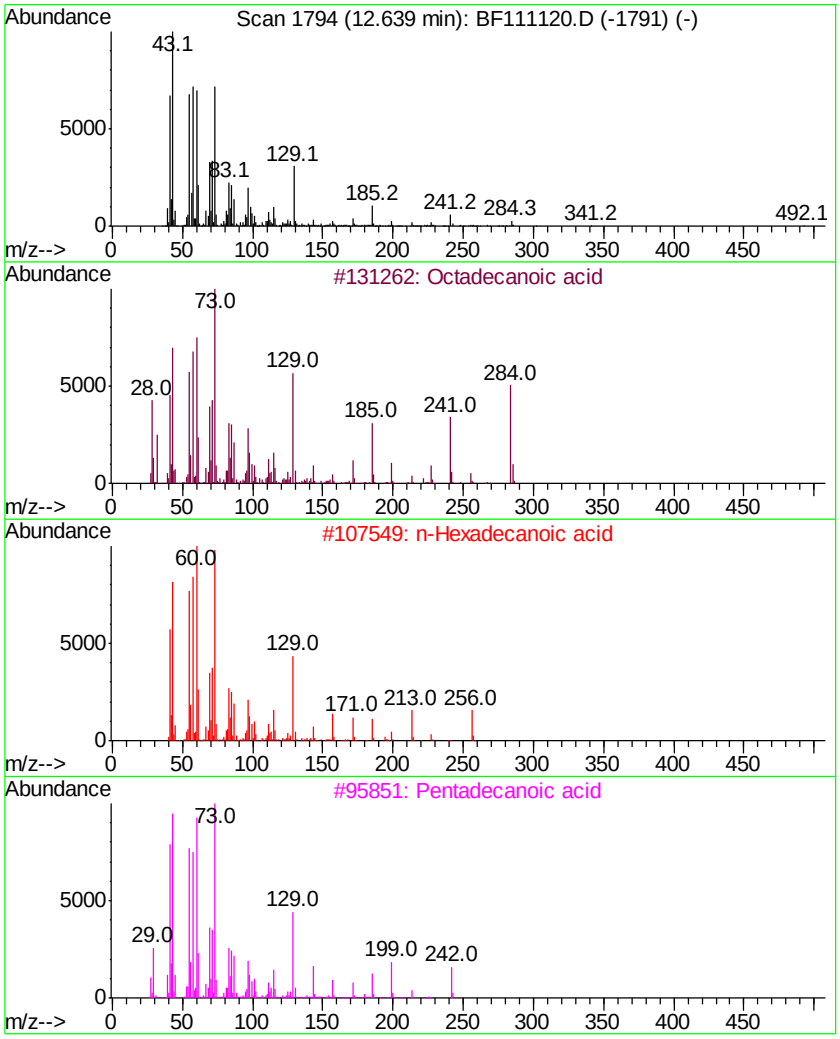
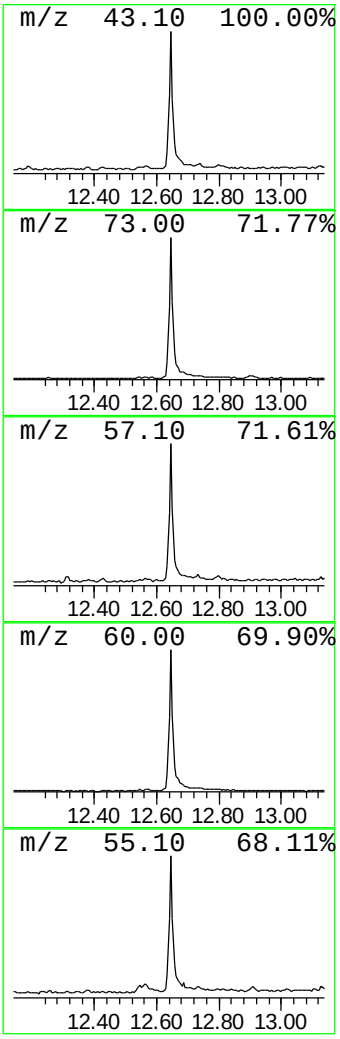
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	19.19 ng	3149300	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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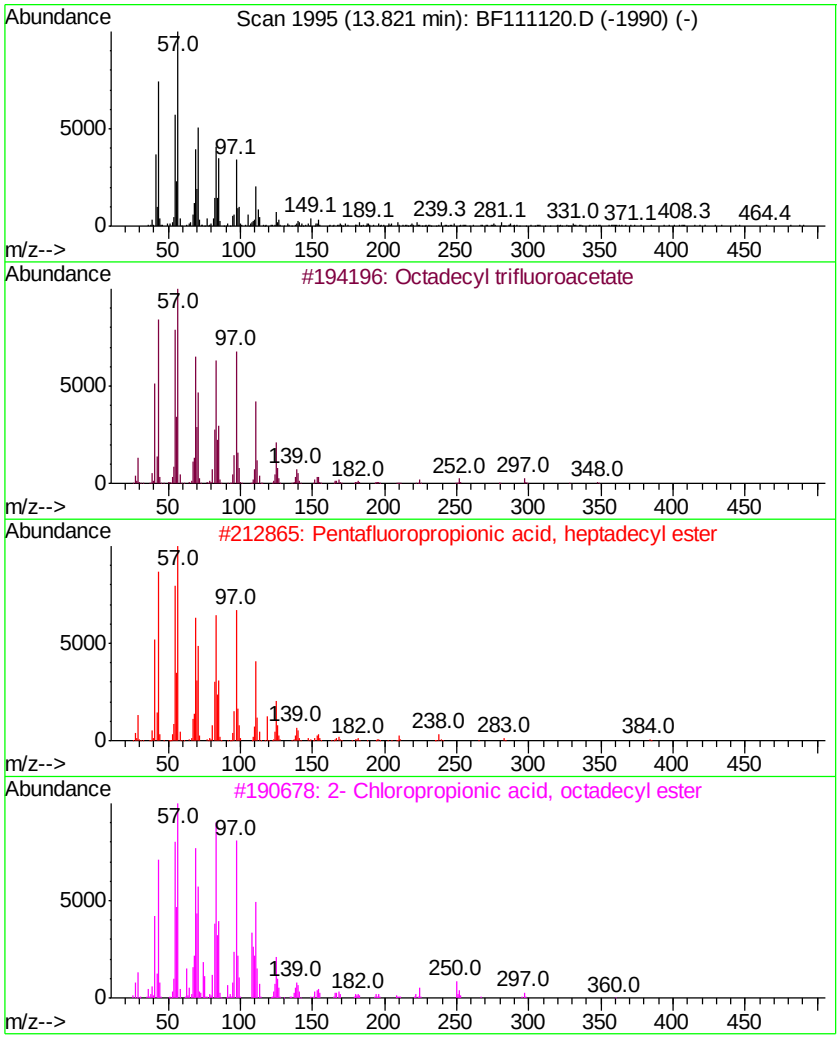
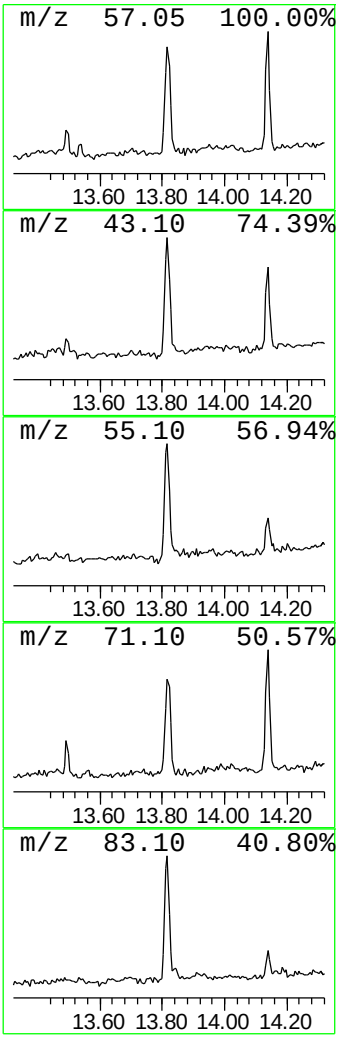
Peak Number 5 Octadecyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.55 ng	910484	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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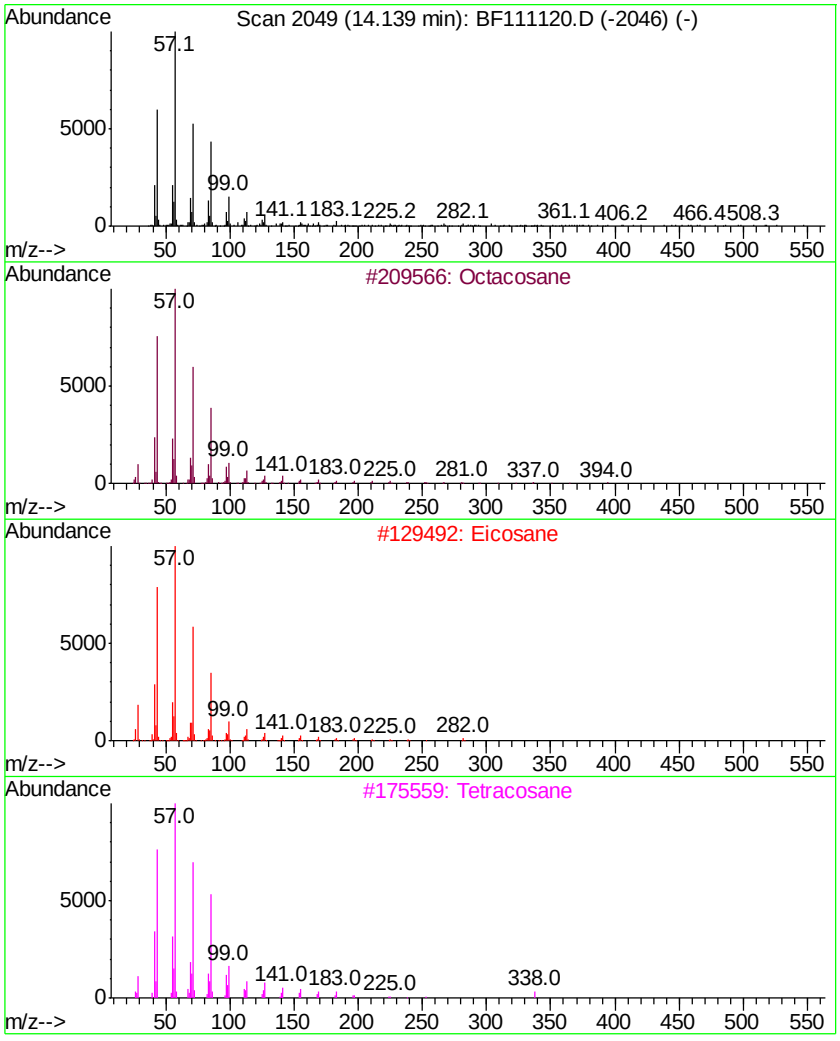
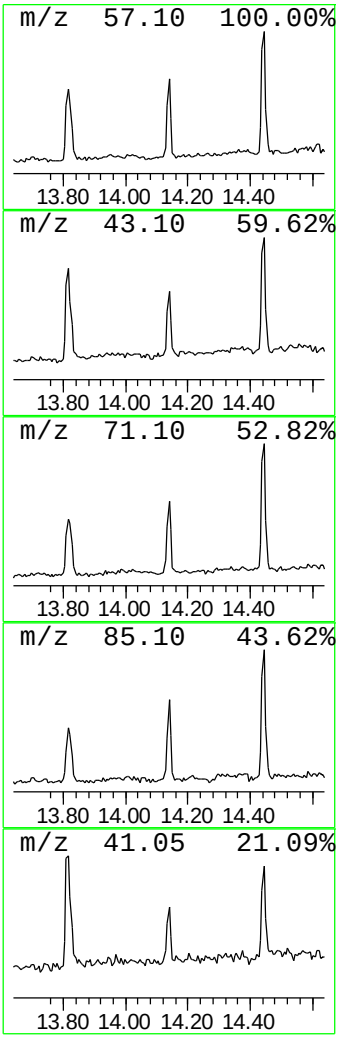
Peak Number 6 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.54 ng	416374	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Eicosane	282	C20H42	000112-95-8	92
3	Tetracosane	338	C24H50	000646-31-1	80
4	Docosane, 7-butyl-	366	C26H54	055282-15-0	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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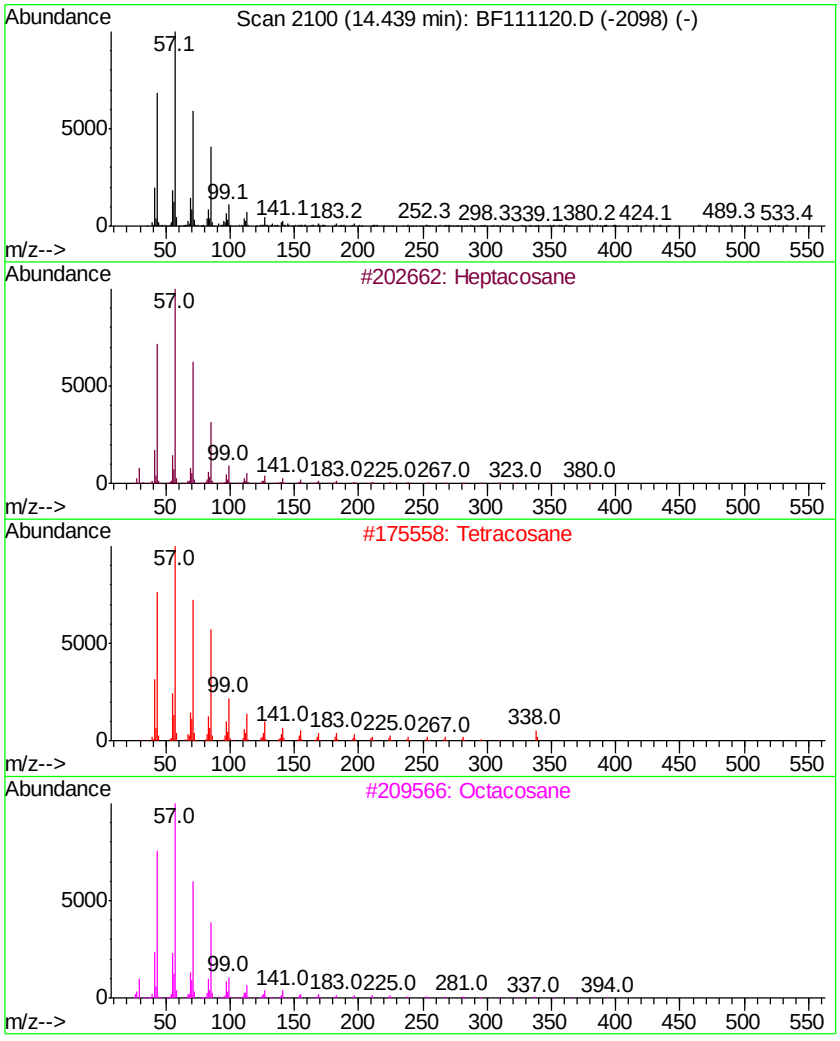
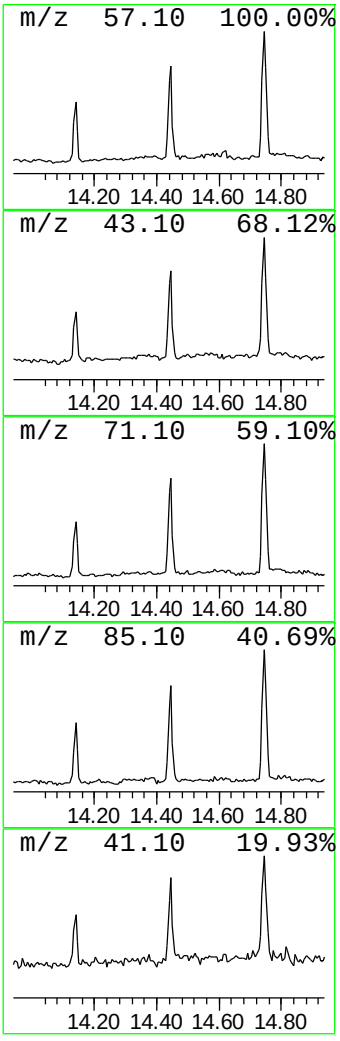
Peak Number 7 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.58 ng	587471	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Tetracosane	338	C24H50	000646-31-1	95
3	Octacosane	394	C28H58	000630-02-4	94
4	Hentriacontane	437	C31H64	000630-04-6	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
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Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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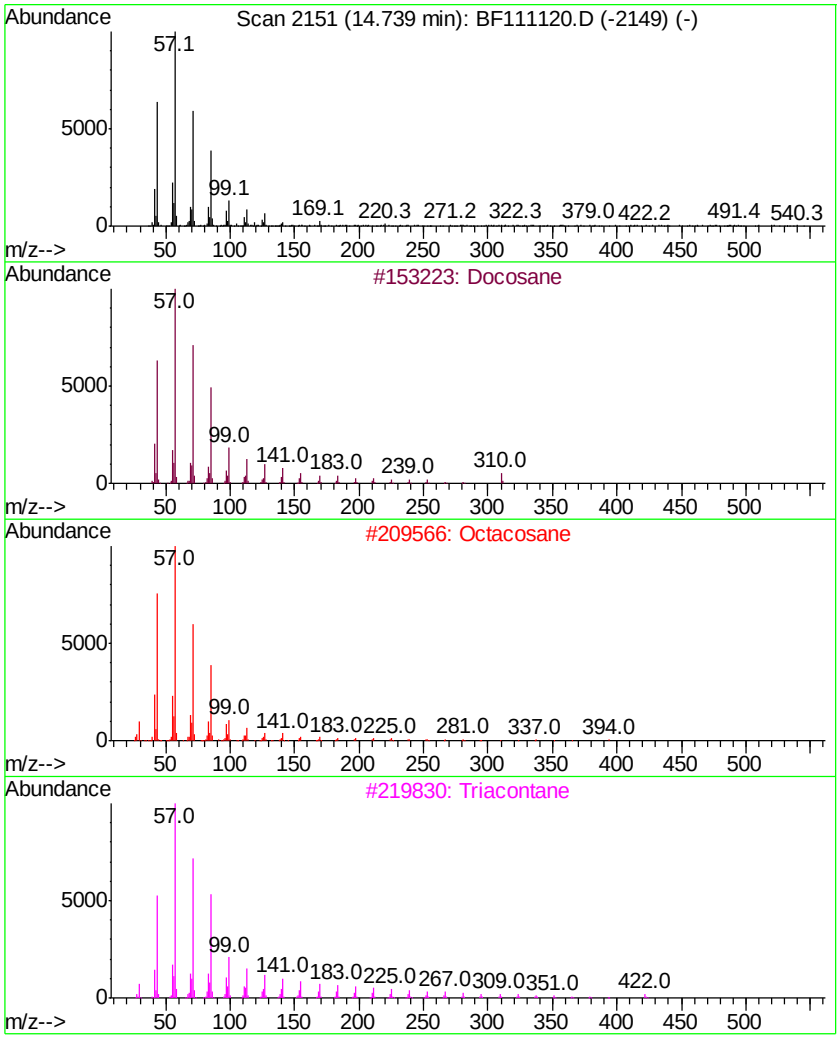
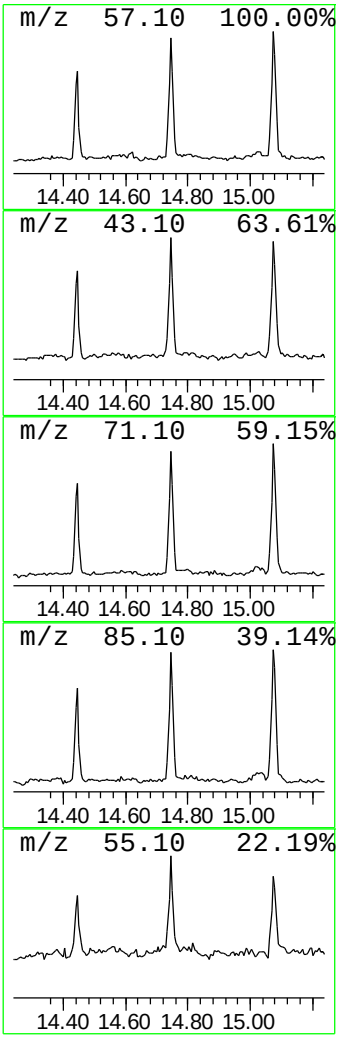
Peak Number 8 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	8.62 ng	983740	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

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Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
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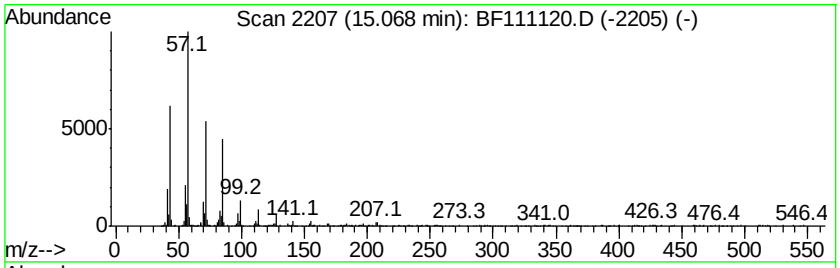
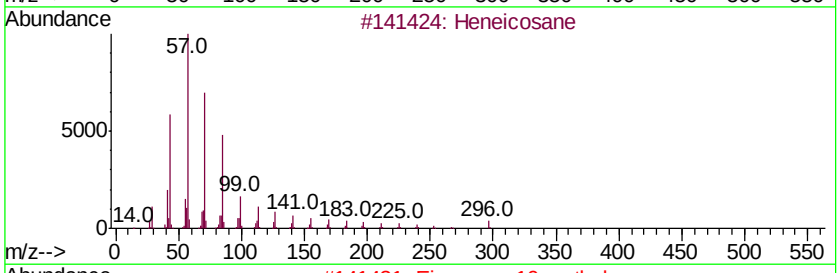
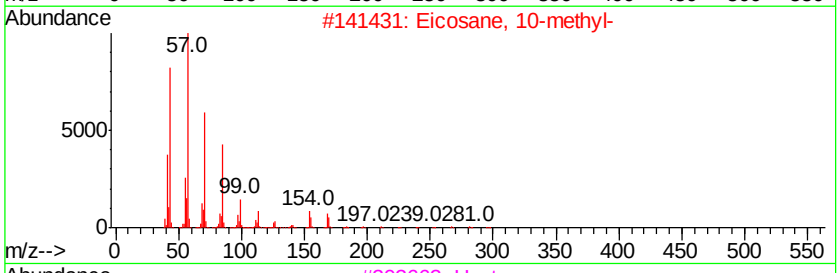
Peak Number 9 Heneicosane Concentration Rank 6

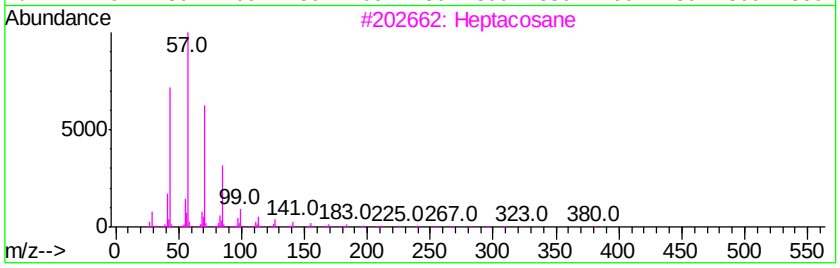
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	9.02 ng	1029260	Perylene-d12	15.39

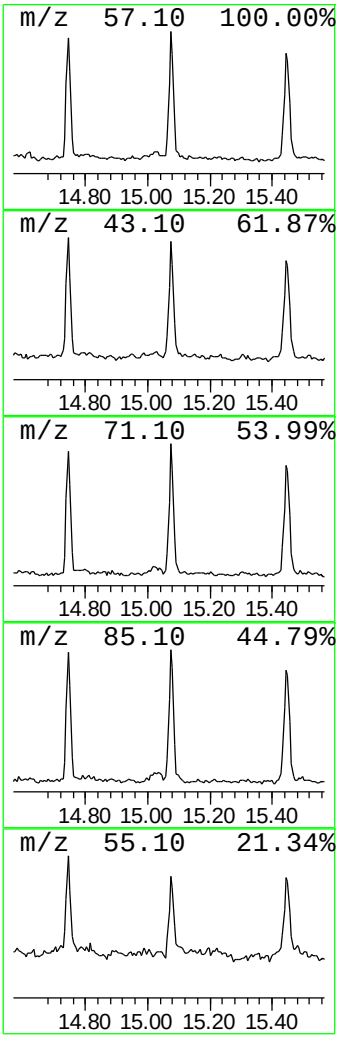
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87











Library Search Compound Report

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Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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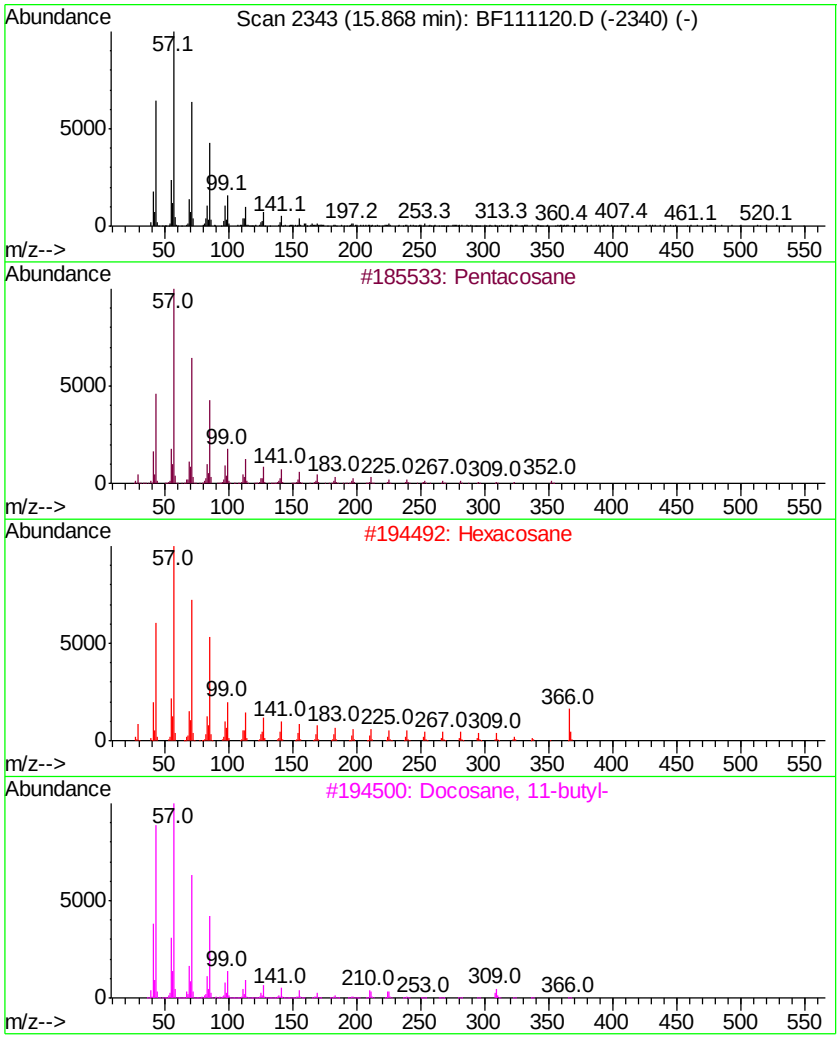
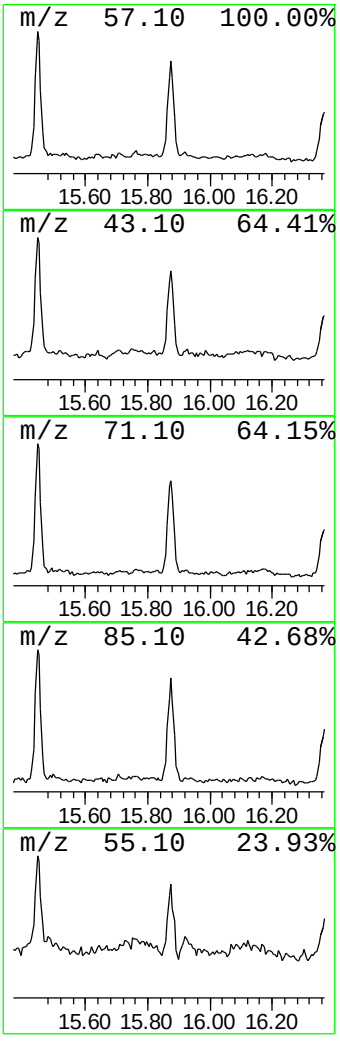
Peak Number 11 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.88 ng	785974	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83





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Data File : BF111120.D
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Operator : JU/SJ
Sample : J6134-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

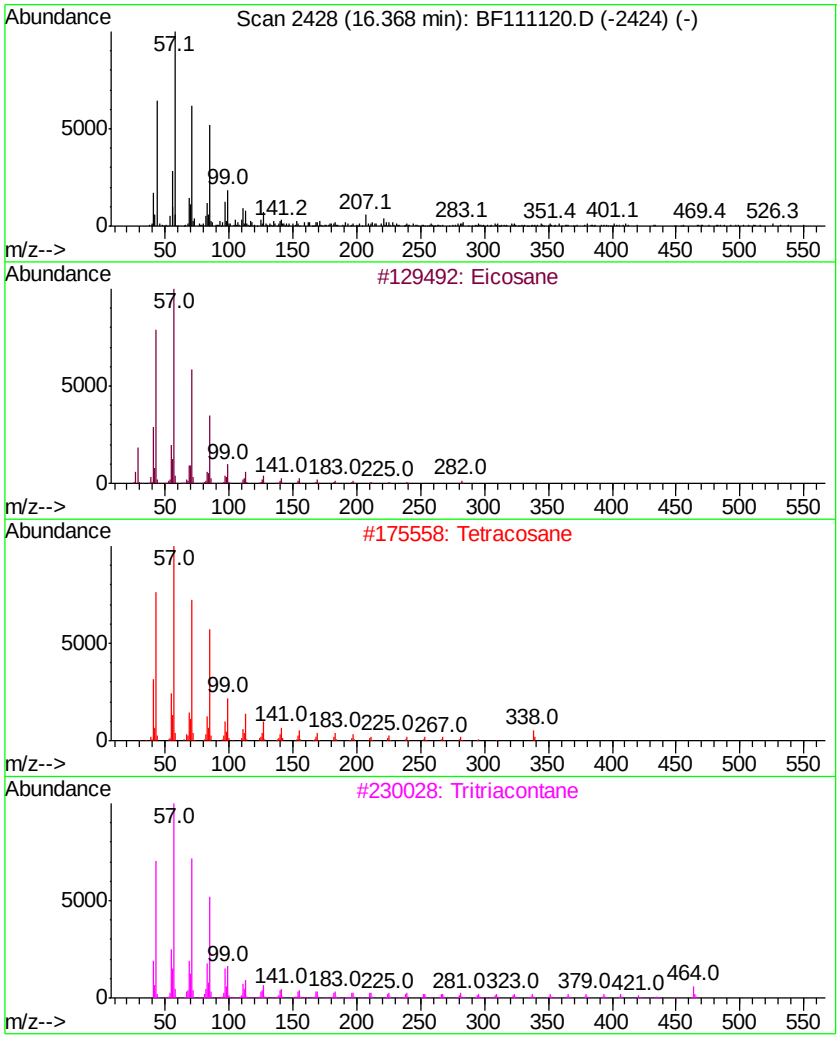
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

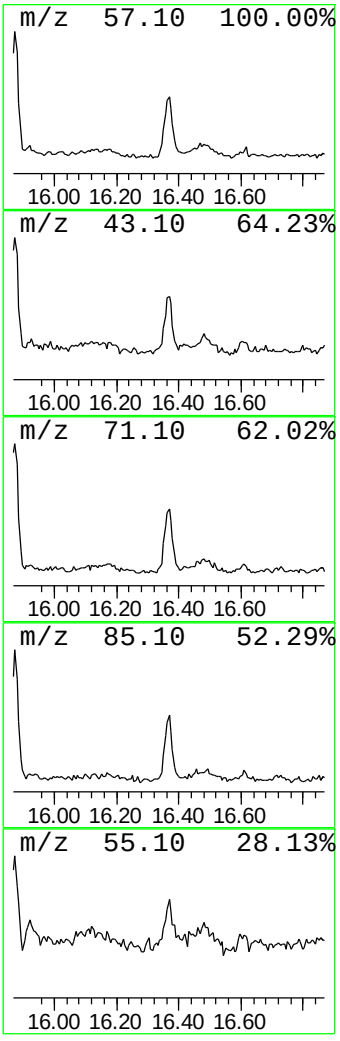
****

Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.05 ng	461843	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetracosane	338	C24H50	000646-31-1	74
3	Tritriacontane	465	C33H68	000630-05-7	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Heneicosane	296	C21H44	000629-94-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
unknown6.57	6.57	56.7	ng	10865700	1	6.80	3830350	20.0
n-Hexadecanoic acid	11.86	17.2	ng	3376170	4	11.32	3929390	20.0
Octadecanoic acid	12.64	19.2	ng	3149300	5	13.96	3282990	20.0
Octadecyl trifluo...	13.82	5.5	ng	910484	5	13.96	3282990	20.0
Octacosane	14.14	2.5	ng	416374	5	13.96	3282990	20.0
Heptacosane	14.44	3.6	ng	587471	5	13.96	3282990	20.0
Docosane	14.74	8.6	ng	983740	6	15.39	2283260	20.0
Heneicosane	15.07	9.0	ng	1029260	6	15.39	2283260	20.0
Pentacosane	15.87	6.9	ng	785974	6	15.39	2283260	20.0
Eicosane	16.37	4.0	ng	461843	6	15.39	2283260	20.0