LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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	5.269	535	541	544	rBV	4151780	4482076	73.08%	10.812%
2	6.310	712	718	721	rBV	3910239	4573267	74.57%	11.032%
3	6.498	747	750	757	rBV	102777	102226	1.67%	0.247%
4	6.663	774	778	787	rBV	935883	827980	13.50%	1.997%
5	6.822	800	805	808	rBV	3965785	3849613	62.77%	9.286%
6	7.234	869	875	878	rBV	3066454	3164939	51.61%	7.635%
7	7.434	905	909	913	rBV	68696	65646	1.07%	0.158%
8	7.945	992	996	999	rBV	1299683	1052601	17.16%	2.539%
9	8.045	1010	1013	1021	rBV	196925	166839	2.72%	0.402%
10	9.028	1174	1180	1183	rBV	6158472	5880294	95.88%	14.185%
11	9.422	1243	1247	1250	rBV	801804	617780	10.07%	1.490%
12	9.698	1288	1294	1297	rBV	1565430	1296142	21.13%	3.127%
13	10.492	1423	1429	1432	rBV	3907395	3971107	64.75%	9.579%
14	11.180	1542	1546	1549	rBV	1691506	1386534	22.61%	3.345%
15	11.721	1634	1638	1645	rBV	326294	311667	5.08%	0.752%
16	12.504	1768	1771	1782	rBV	170424	190266	3.10%	0.459%
17	12.780	1811	1818	1820	rBV	5325331	6132973	100.00%	14.794%
18	13.674	1967	1970	1990	rBV	219391	413492	6.74%	0.997%
19	13.815	1990	1994	1998	rBV	1404265	1218479	19.87%	2.939%
20	14.298	2073	2076	2079	rBV	70612	68986	1.12%	0.166%
21	14.598	2123	2127	2130	rVB	114700	104657	1.71%	0.252%
22	14.910	2175	2180	2184	rBV	132676	132817	2.17%	0.320%
23	15.221	2227	2233	2236	rBV	971789	1075737	17.54%	2.595%
24	15.257	2236	2239	2246	rVB	120530	148529	2.42%	0.358%
25	15.657	2302	2307	2312	rBV	98381	133087	2.17%	0.321%
26	16.121	2380	2386	2390	rBV2	55653	86868	1.42%	0.210%

Sum of corrected areas: 41454602

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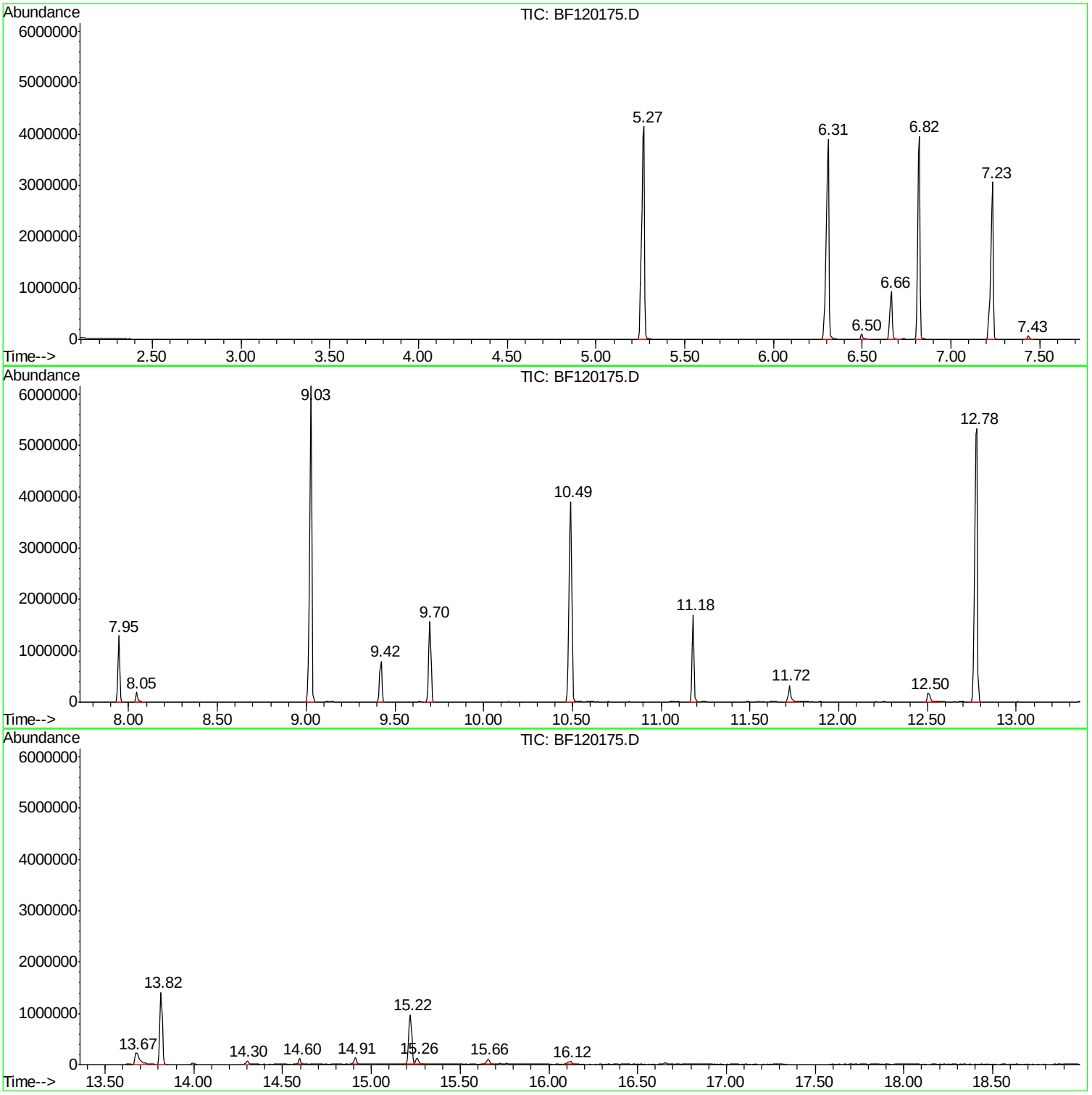
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-355-72-11939

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\BF042320\
Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
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Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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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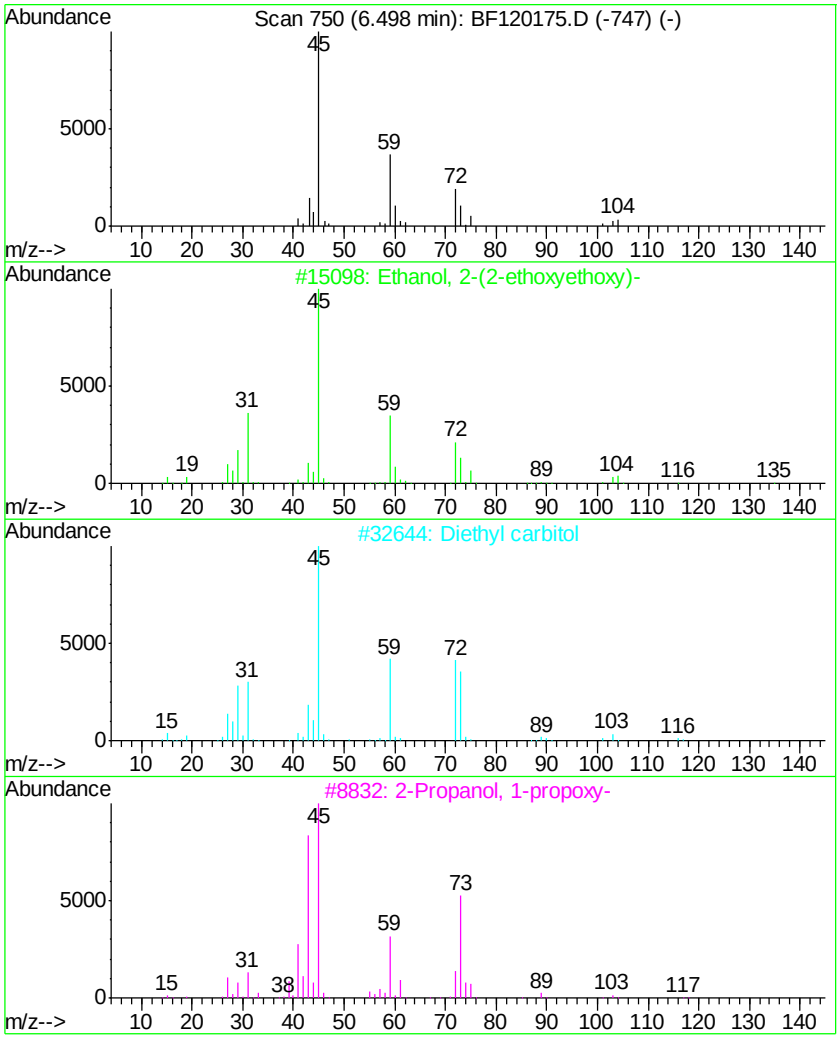
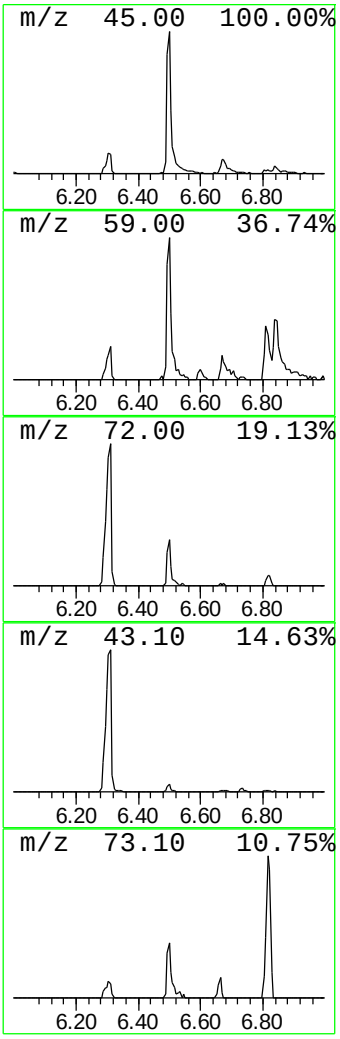
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	2.47 ng	102226	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
4	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	37
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	37





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Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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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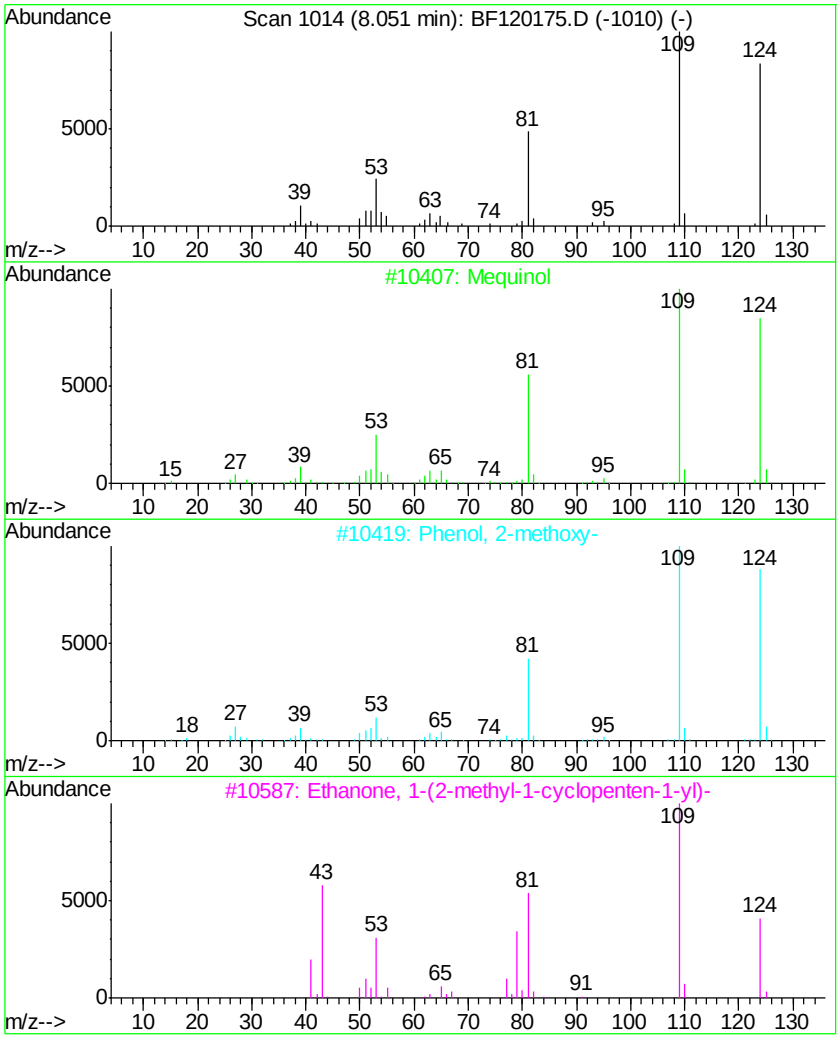
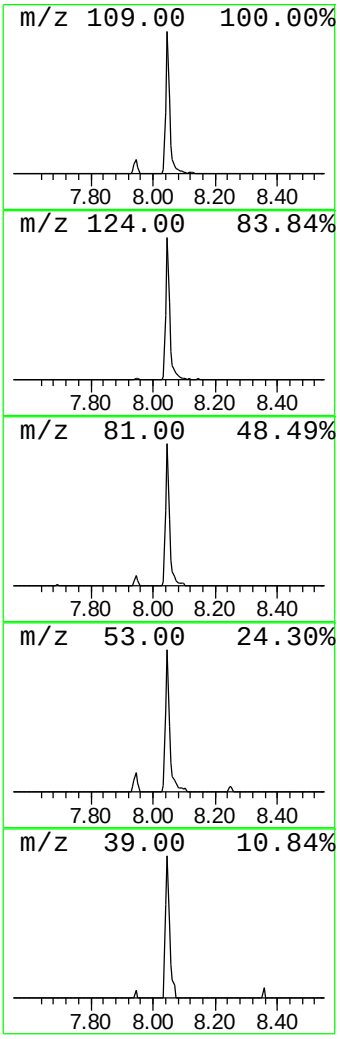
Peak Number 3 Mequinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	3.17 ng	166839	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
3	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	91
4	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	90
5	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-355-72-11939

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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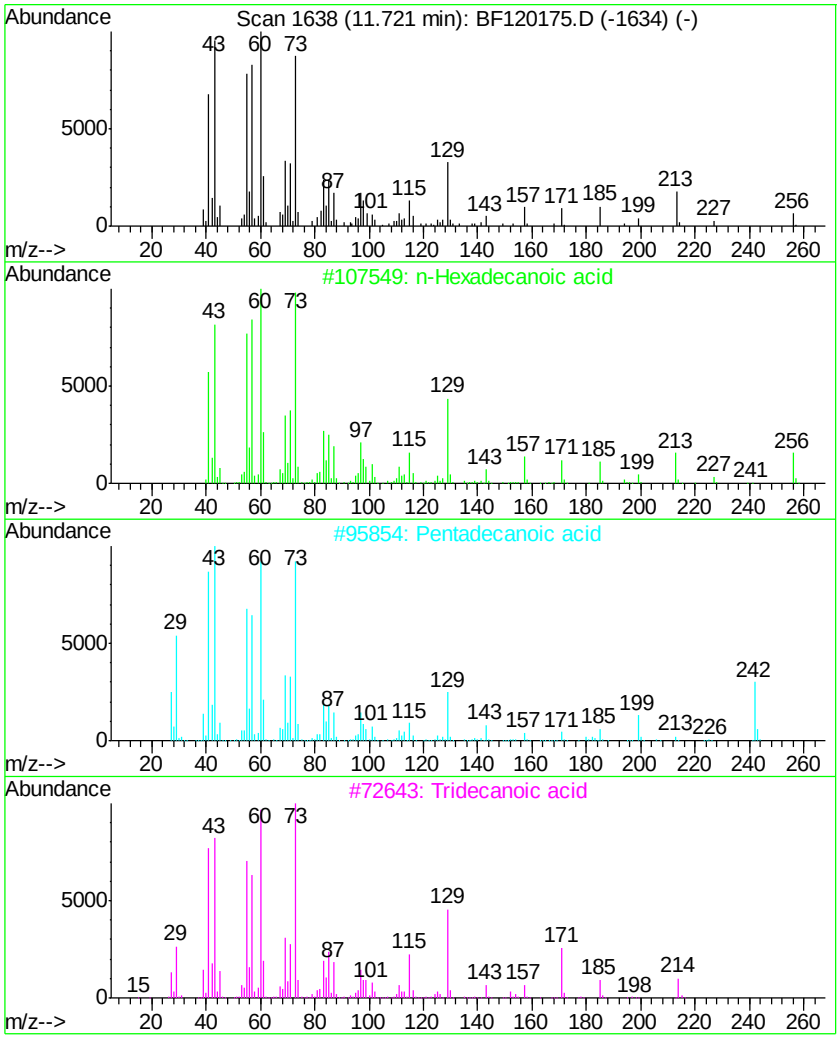
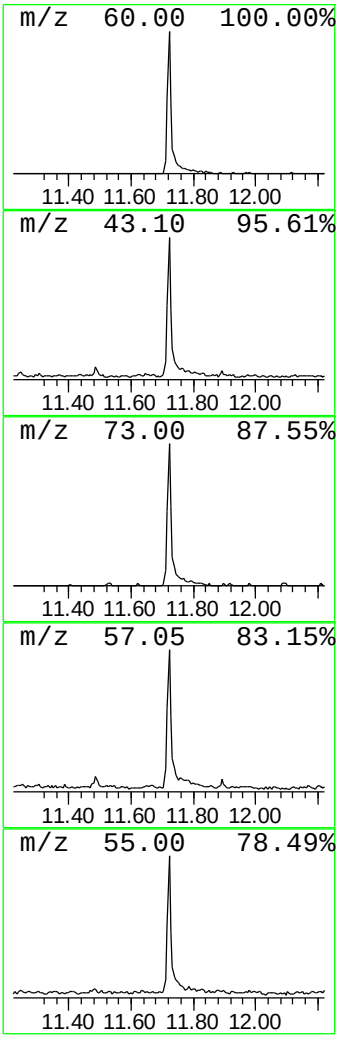
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.50 ng	311667	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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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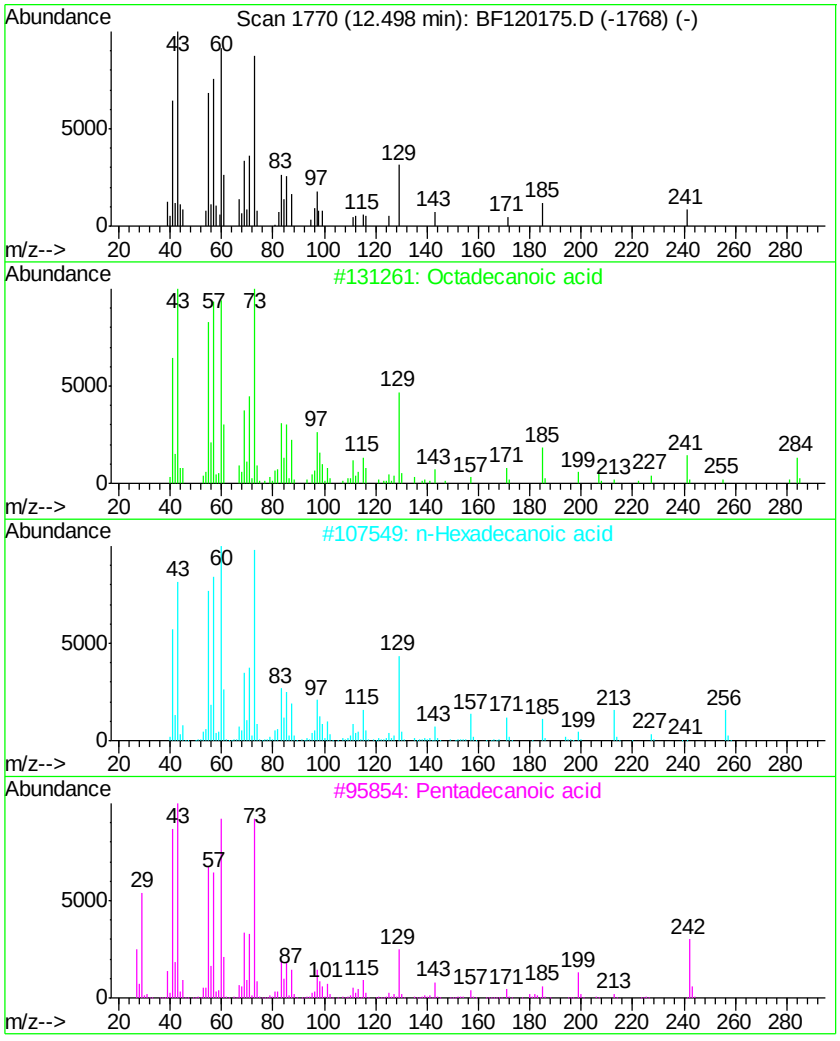
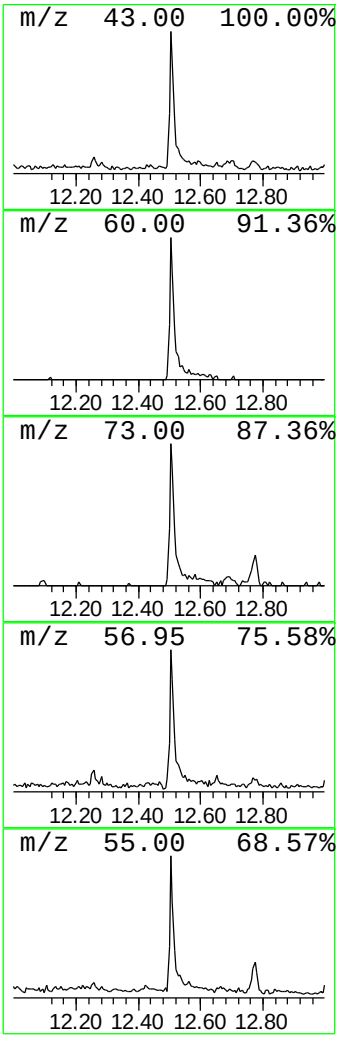
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.12 ng	190266	Chrysene-d12	13.82

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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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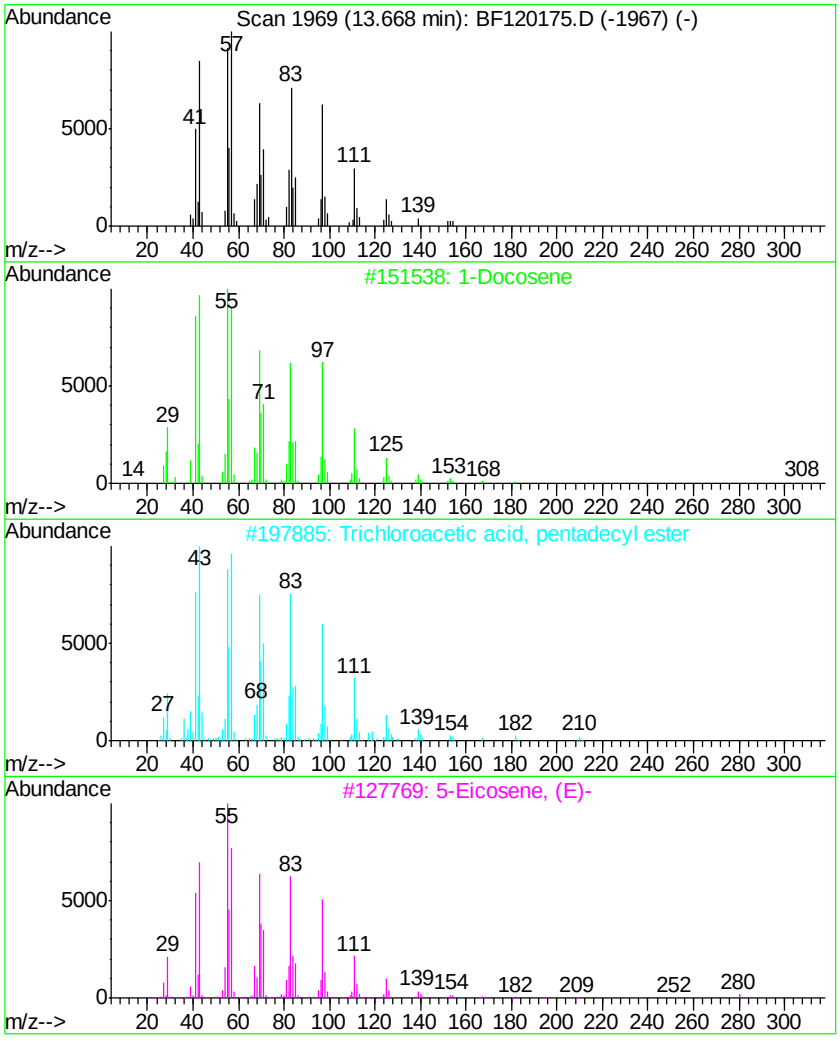
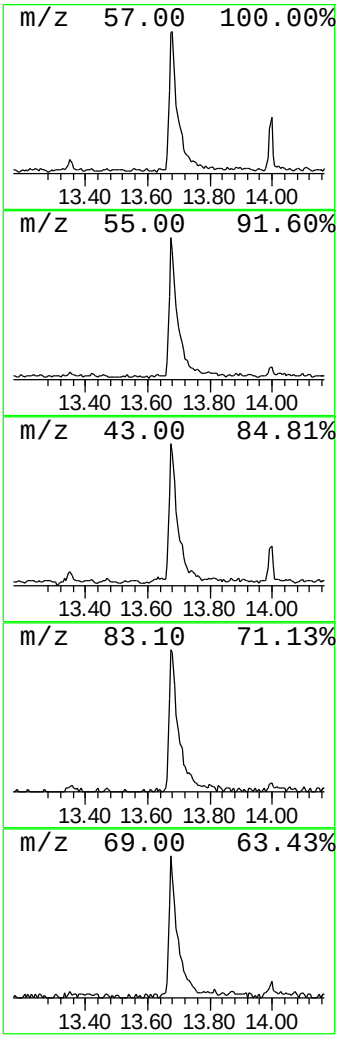
Peak Number 6 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	6.79 ng	413492	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120175.D
Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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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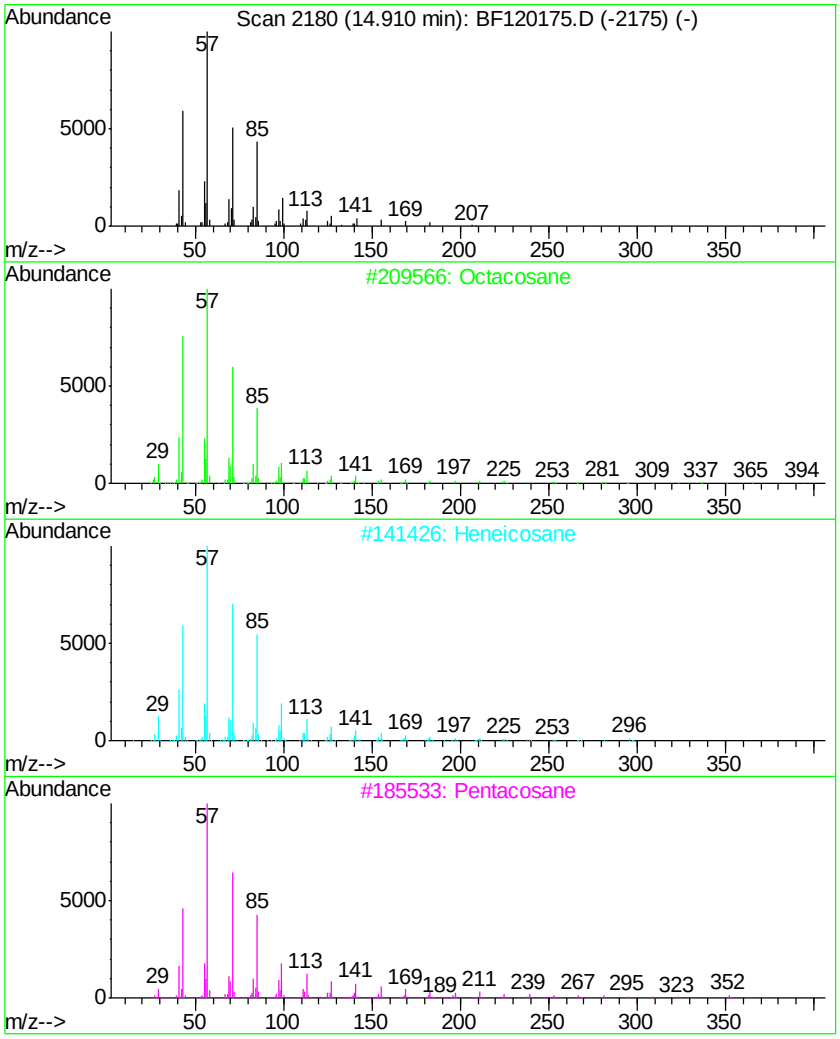
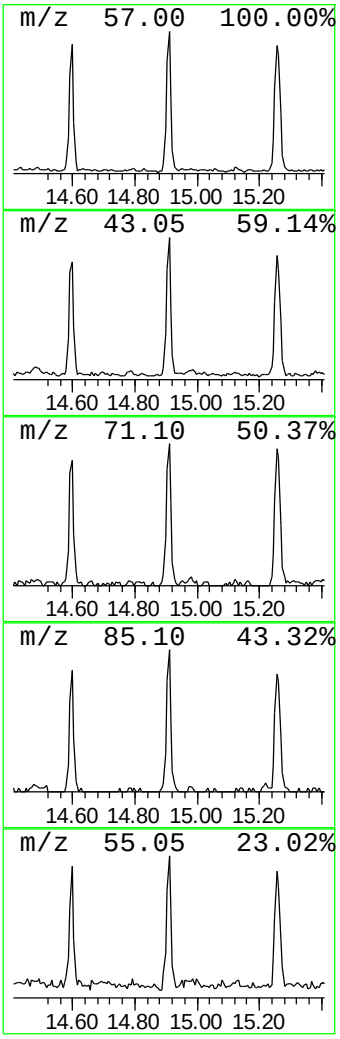
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.47 ng	132817	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane	338	C24H50	000646-31-1	86





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Acq On : 23 Apr 2020 20:33
Operator : MA/SJ
Sample : L2383-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-355-72-11939

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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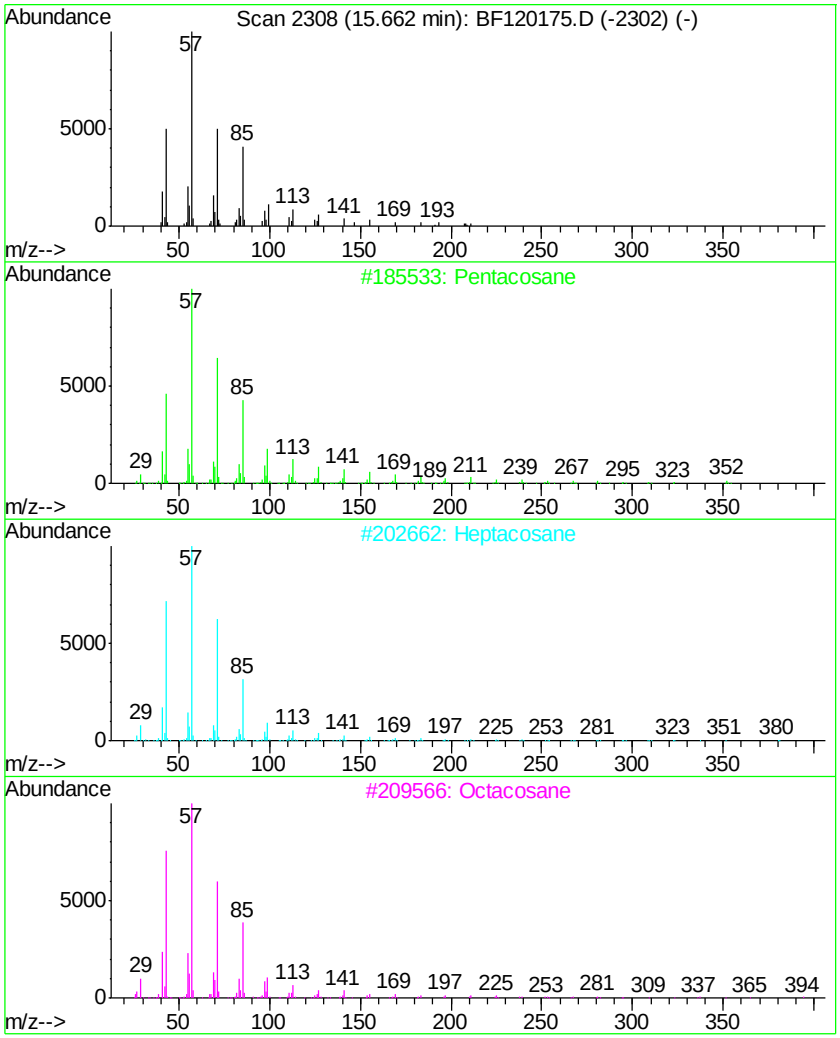
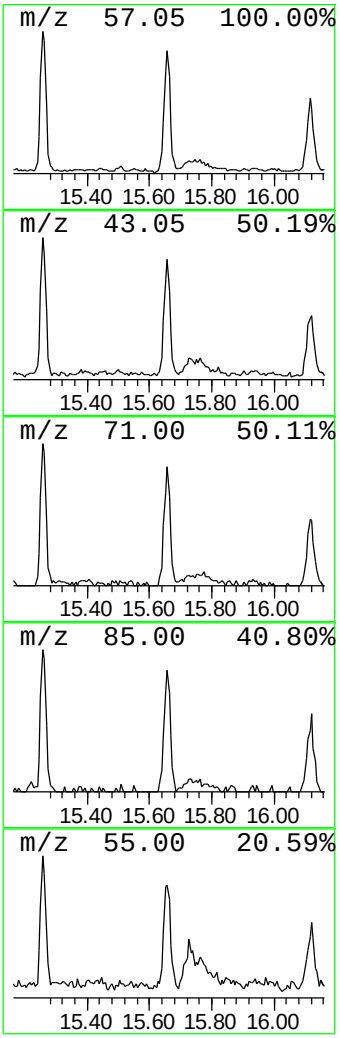
Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.47 ng	133087	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
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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...	6.50	2.5	ng	102226	1	6.66	827980	20.0
Mequinol	8.05	3.2	ng	166839	2	7.95	1052600	20.0
n-Hexadecanoic acid	11.72	4.5	ng	311667	4	11.18	1386530	20.0
Octadecanoic acid	12.50	3.1	ng	190266	5	13.82	1218480	20.0
1-Docosene	13.67	6.8	ng	413492	5	13.82	1218480	20.0
Octacosane	14.91	2.5	ng	132817	6	15.22	1075740	20.0
Pentacosane	15.66	2.5	ng	133087	6	15.22	1075740	20.0