LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

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-BF082720.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	2.146	5	10	17	rVB	1504958	1985829	30.92%	3.754%
2	5.075	504	508	515	rVB	88323	114910	1.79%	0.217%
3	5.469	571	575	579	rBV	4430298	4505643	70.15%	8.517%
4	6.481	741	747	750	rBV	4811860	4645618	72.33%	8.782%
5	6.681	778	781	788	rBV	139068	117781	1.83%	0.223%
6	6.857	808	811	815	rBV	2224751	1707482	26.58%	3.228%
7	7.422	901	907	910	rBV	3250316	3180449	49.52%	6.012%
8	8.139	1025	1029	1033	rBV	2728398	2327496	36.24%	4.400%
9	9.222	1207	1213	1216	rBV	6181647	5936593	92.43%	11.222%
10	9.610	1275	1279	1282	rBV	552507	414308	6.45%	0.783%
11	9.898	1324	1328	1331	rVB	3155895	2650071	41.26%	5.009%
12	10.680	1456	1461	1465	rBV	4003235	3624905	56.44%	6.852%
13	11.380	1576	1580	1583	rBV	3291177	2870153	44.69%	5.425%
14	11.404	1583	1584	1587	rVB	348485	176595	2.75%	0.334%
15	11.910	1667	1670	1675	rBV	537452	482768	7.52%	0.913%
16	12.592	1782	1786	1789	rBV	439530	372184	5.79%	0.704%
17	12.692	1800	1803	1810	rBV4	96005	127898	1.99%	0.242%
18	12.822	1817	1825	1827	rBV	360526	385518	6.00%	0.729%
19	12.969	1846	1850	1854	rVB	6776484	6422861	100.00%	12.141%
20	13.210	1888	1891	1895	rVB2	48159	67685	1.05%	0.128%
21	13.545	1942	1948	1952	rBV3	58578	91890	1.43%	0.174%
22	13.868	1999	2003	2010	rBV	1026772	1154773	17.98%	2.183%
23	14.021	2023	2029	2031	rBV	2447439	2534557	39.46%	4.791%
24	14.045	2031	2033	2039	rVB	202527	181241	2.82%	0.343%
25	14.192	2055	2058	2063	rVB2	87476	89134	1.39%	0.168%
26	14.504	2107	2111	2117	rBV	291297	367949	5.73%	0.696%
27	14.810	2160	2163	2171	rVB	80804	117687	1.83%	0.222%
28	14.886	2172	2176	2182	rVB	145846	181348	2.82%	0.343%
29	14.951	2184	2187	2193	rVB	384450	413819	6.44%	0.782%
30	15.057	2201	2205	2208	rBV	159107	237459	3.70%	0.449%
31	15.151	2217	2221	2222	rBV	321416	339219	5.28%	0.641%
32	15.174	2222	2225	2233	rVB2	612694	839934	13.08%	1.588%
33	15.357	2253	2256	2262	rVB	111994	139560	2.17%	0.264%
34	15.421	2263	2267	2271	rVB	116084	147759	2.30%	0.279%

LSC Area Percent Report

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Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.486	2273	2278	2283	rBV	1654756	1949794	30.36%	3.686%
36	15.733	2316	2320	2326	rBV	279992	390771	6.08%	0.739%
37	15.974	2356	2361	2365	rBV	243590	348855	5.43%	0.659%
38	16.021	2365	2369	2379	rVB2	192325	350664	5.46%	0.663%
39	16.774	2492	2497	2505	rVB3	127387	246236	3.83%	0.465%
40	16.939	2521	2525	2535	rBV2	58130	110395	1.72%	0.209%
41	17.086	2546	2550	2556	rBV3	48360	102602	1.60%	0.194%
42	17.168	2561	2564	2574	rVB6	70532	167990	2.62%	0.318%
43	17.374	2596	2599	2606	rVB	52984	96033	1.50%	0.182%
44	17.557	2624	2630	2636	rBV7	75546	185715	2.89%	0.351%

Sum of corrected areas: 52902131

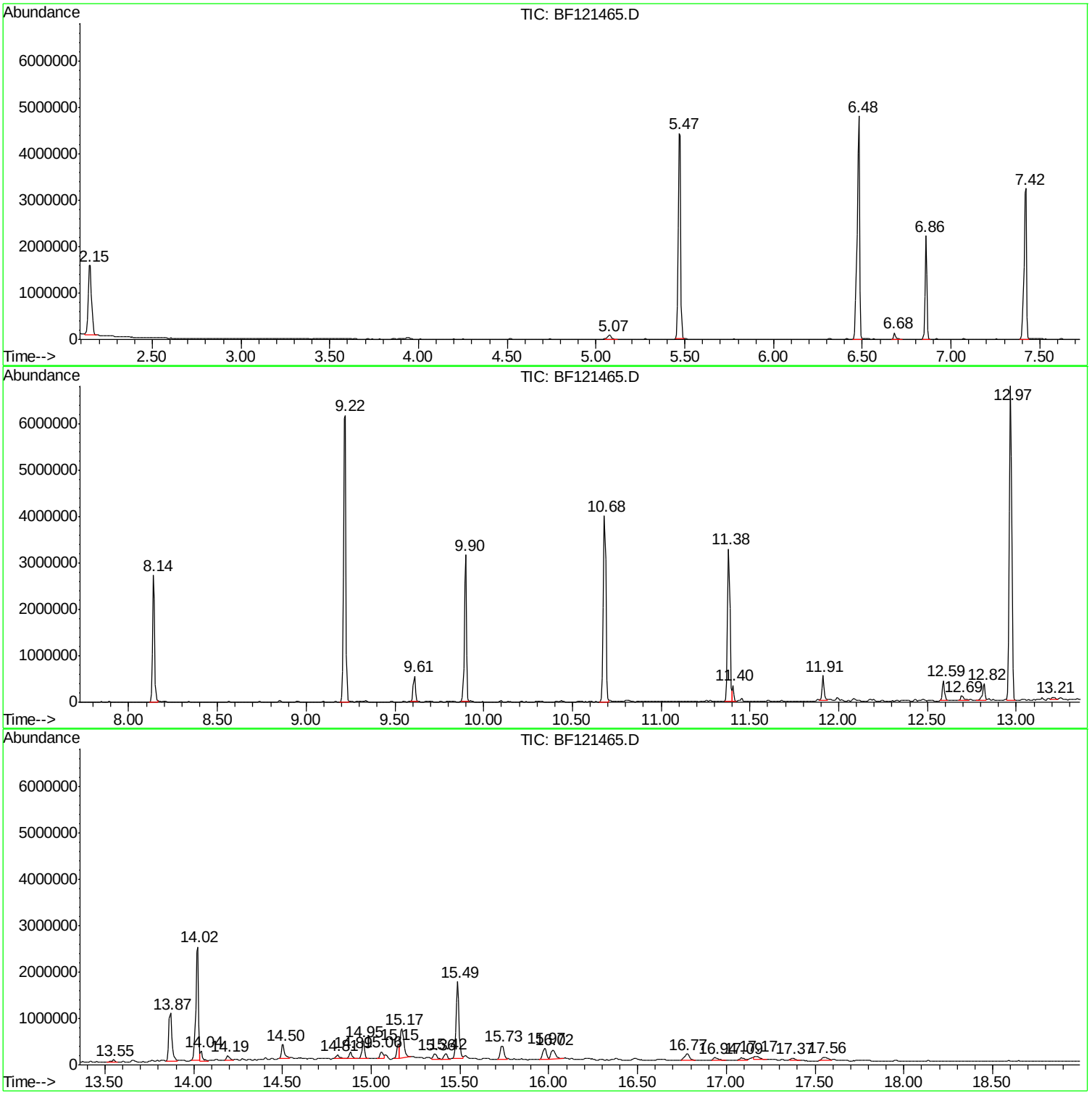
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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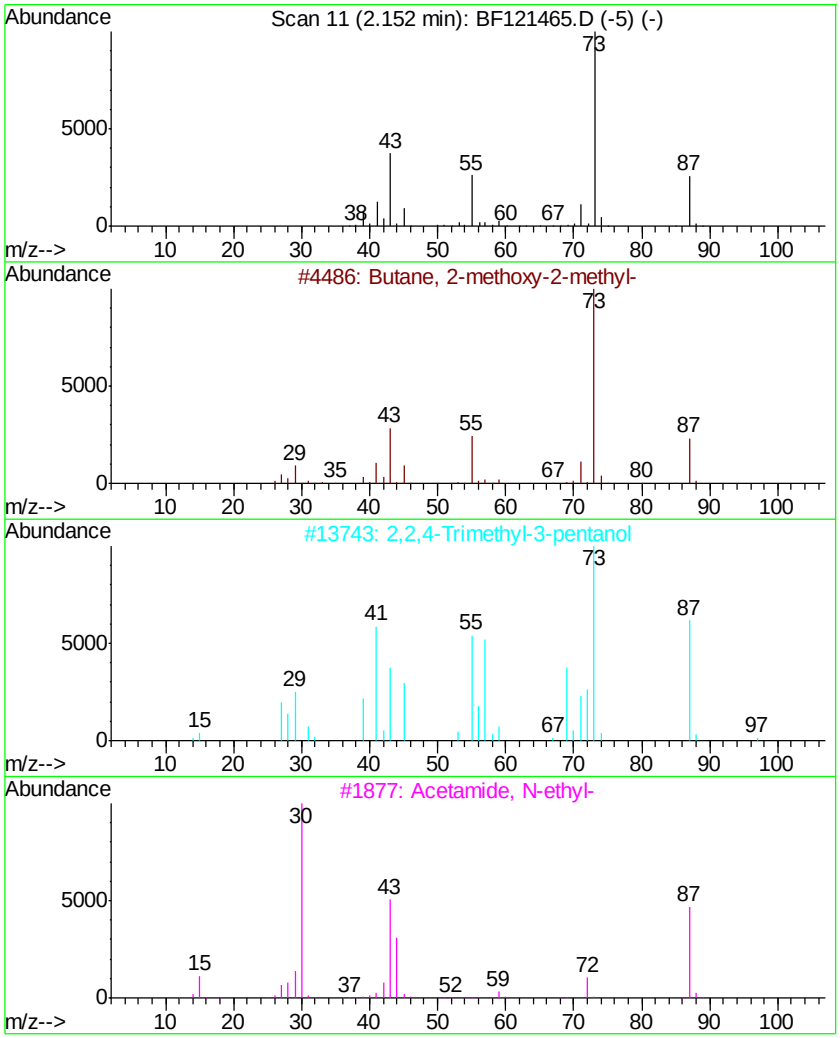
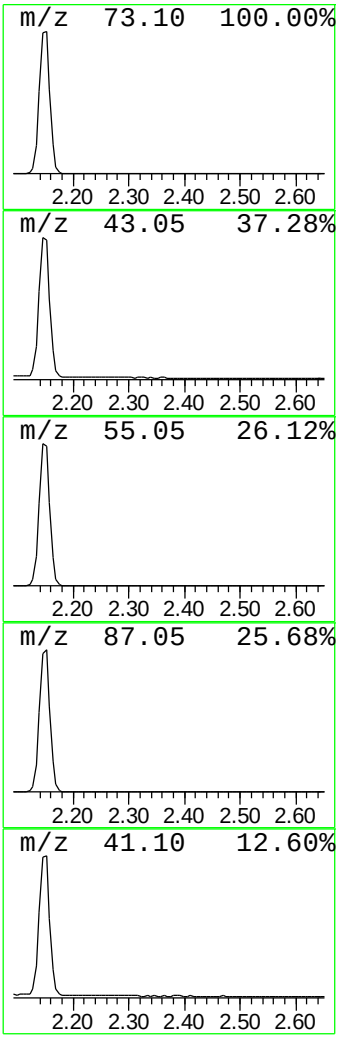
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	23.26 ng	1985830	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121465.D
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Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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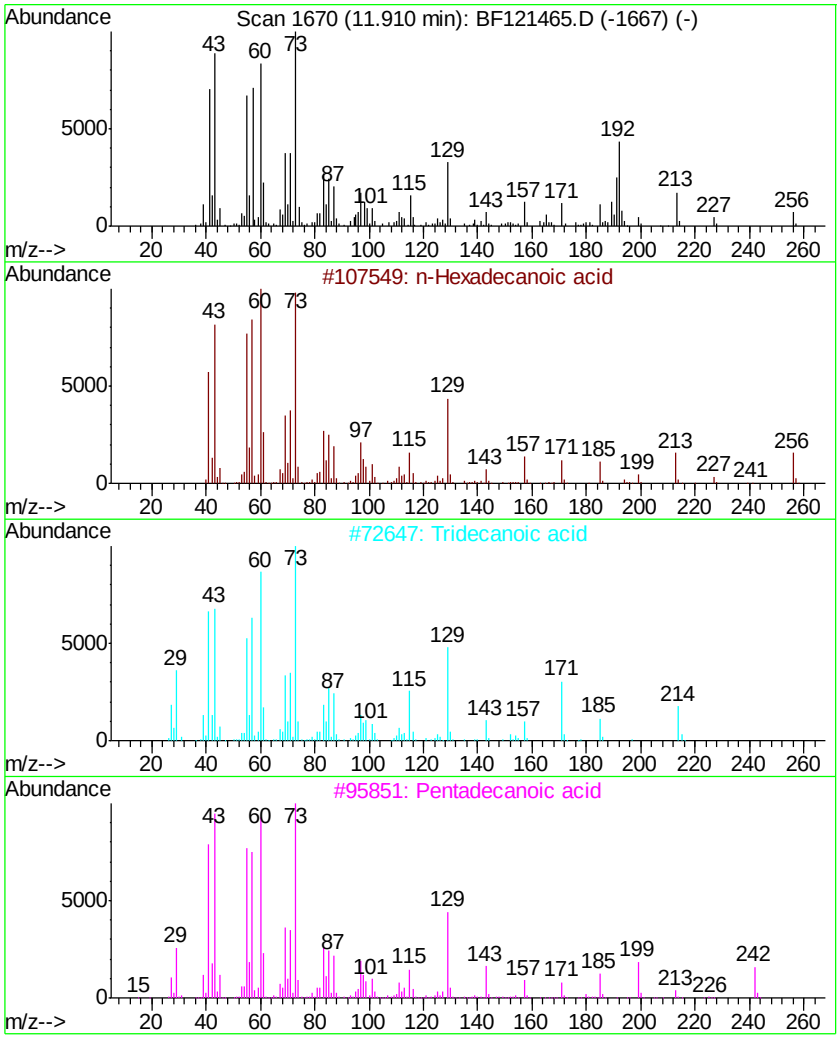
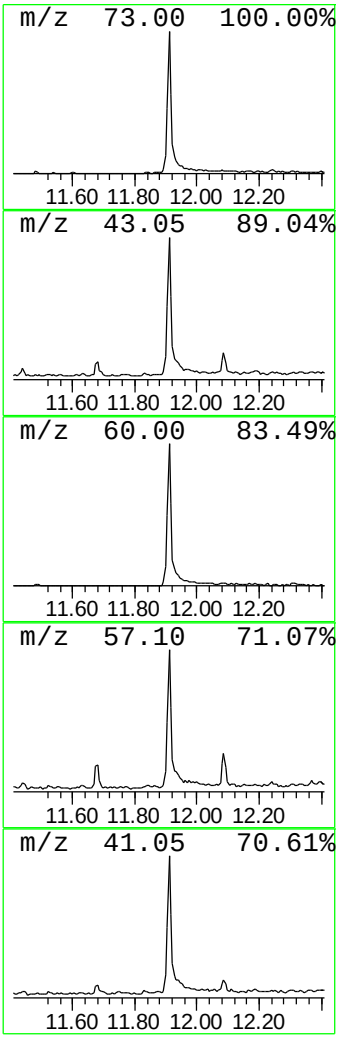
Peak Number 2 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.36 ng	482768	Phenanthrene-d10	11.38

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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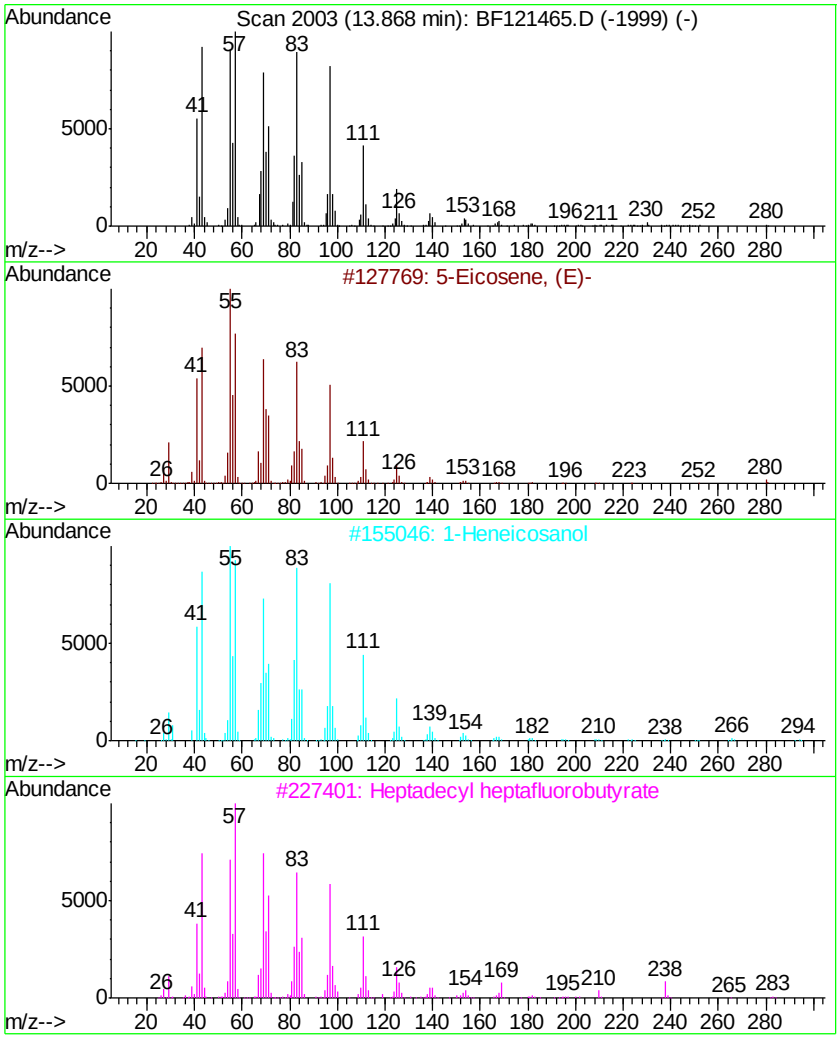
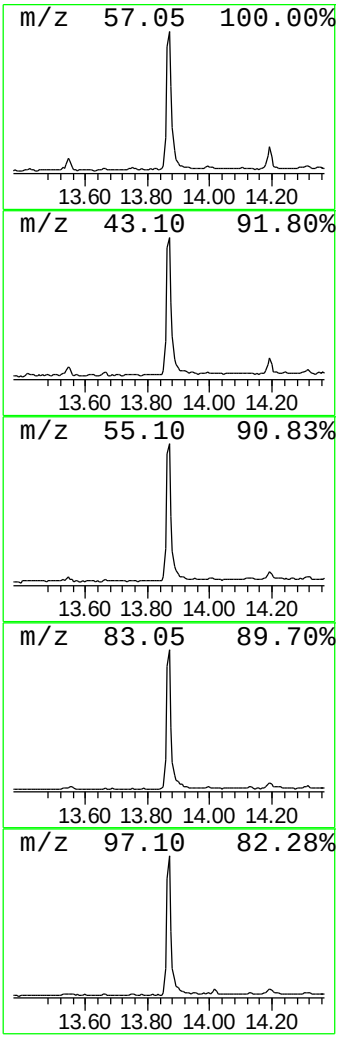
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.11 ng	1154770	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





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Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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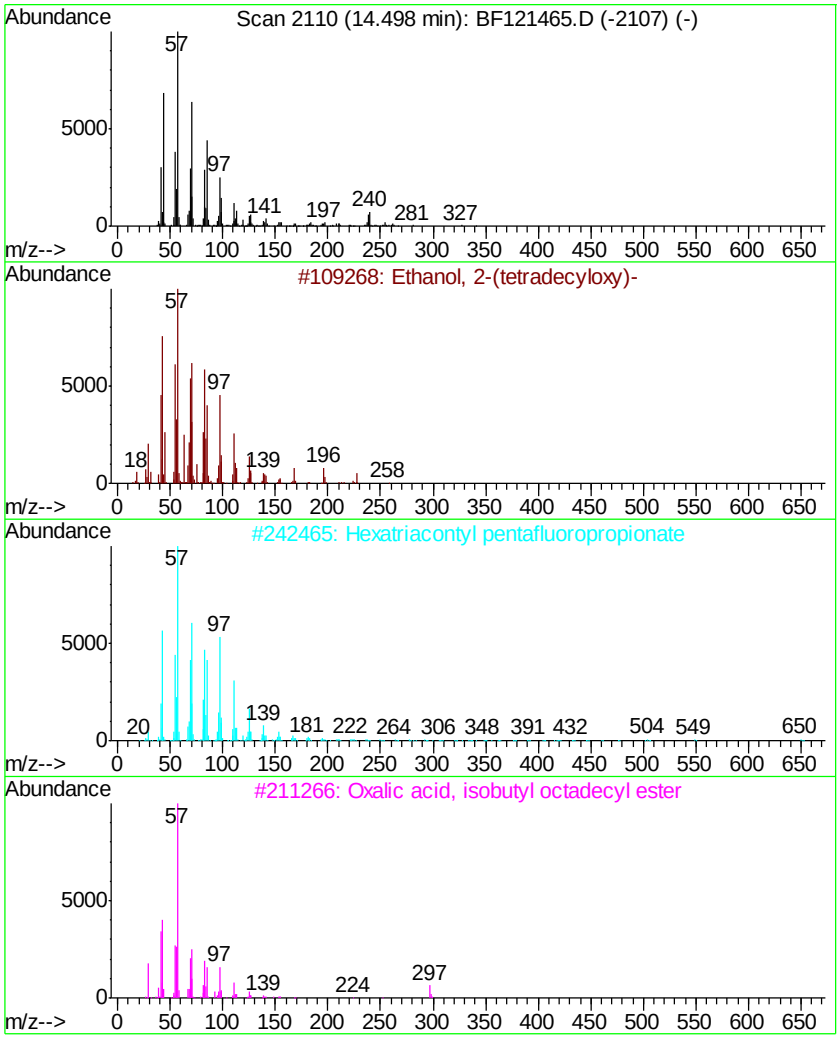
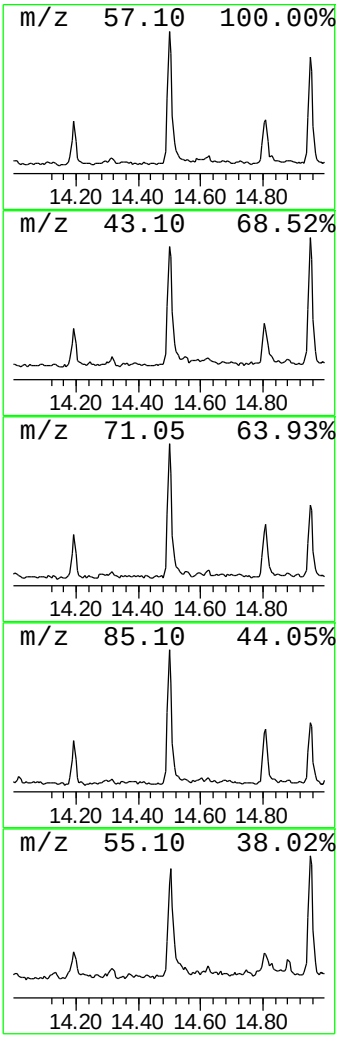
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.90 ng	367949	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	91
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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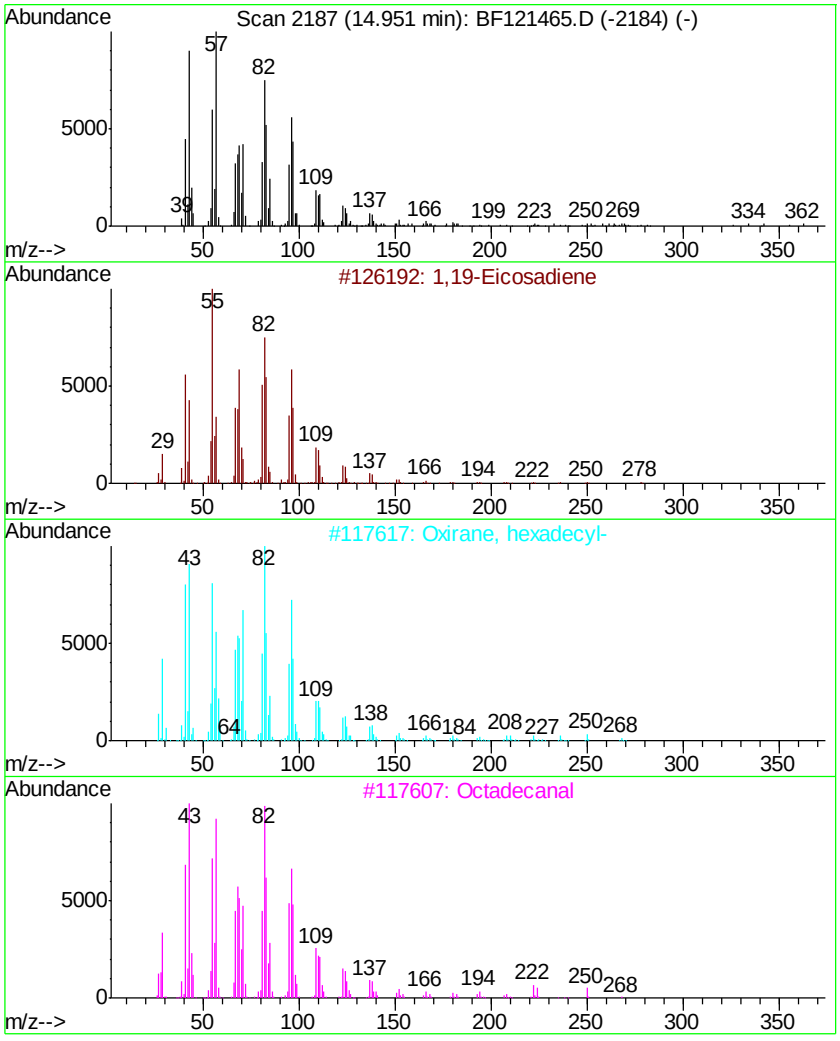
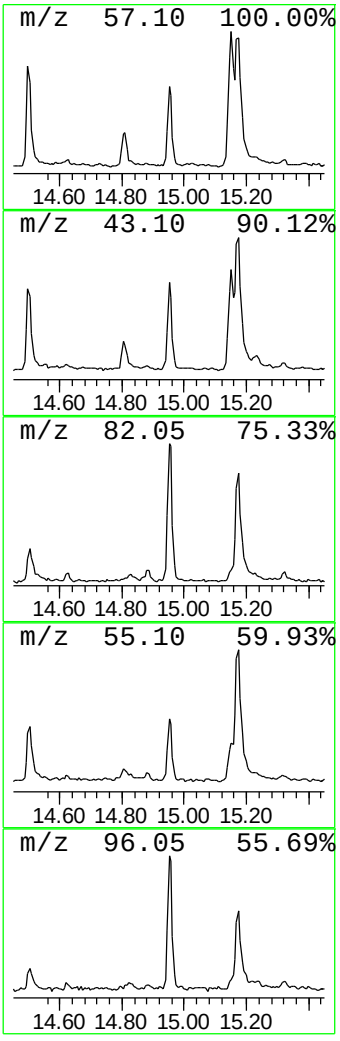
****

Peak Number 5 1,19-Eicosadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.24 ng	413819	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	Octadecanal	268	C18H36O	000638-66-4	91
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	76
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	68





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Misc :
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Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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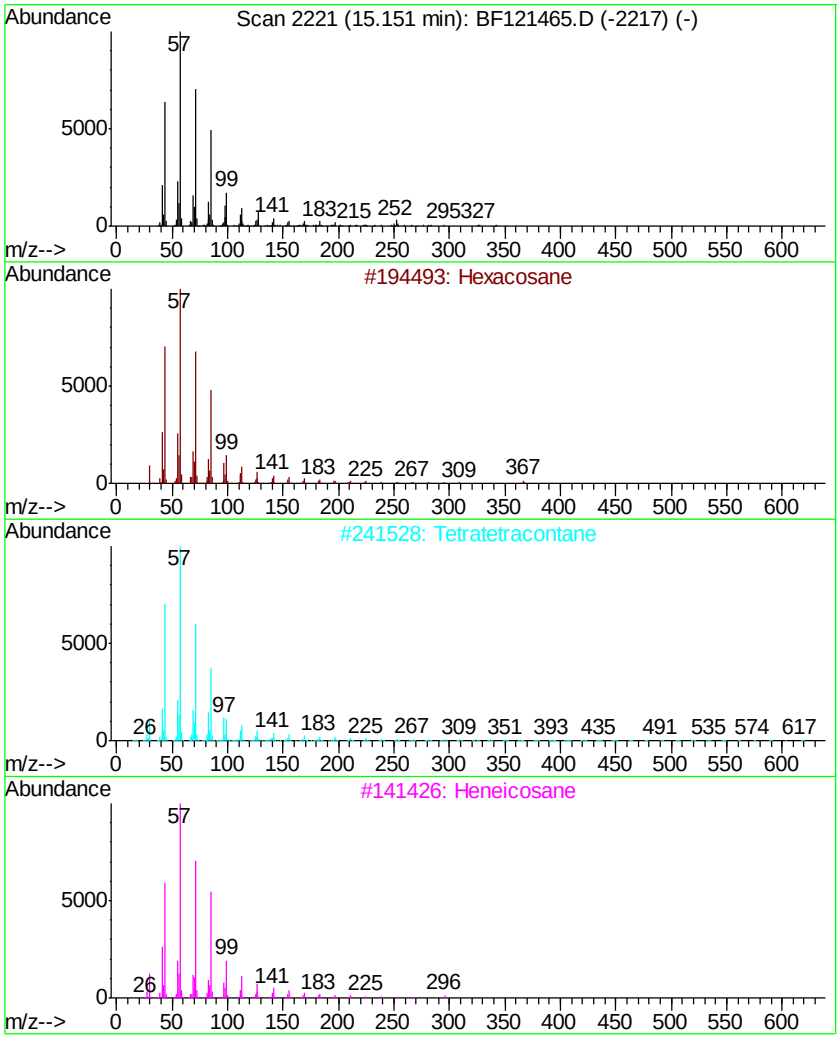
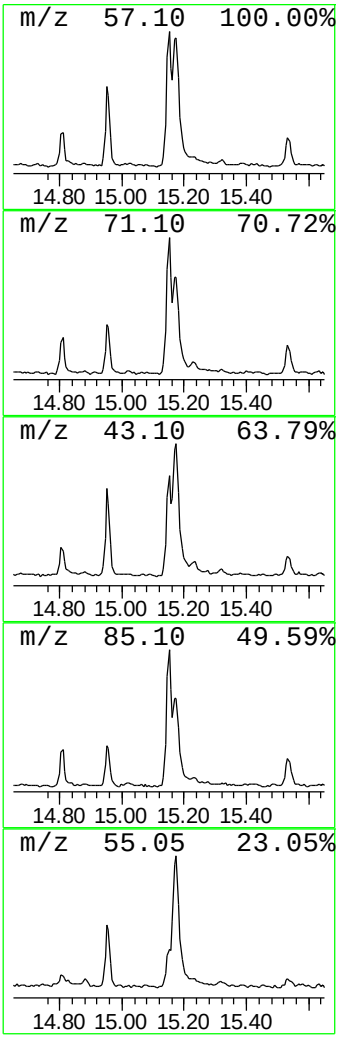
Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.48 ng	339219	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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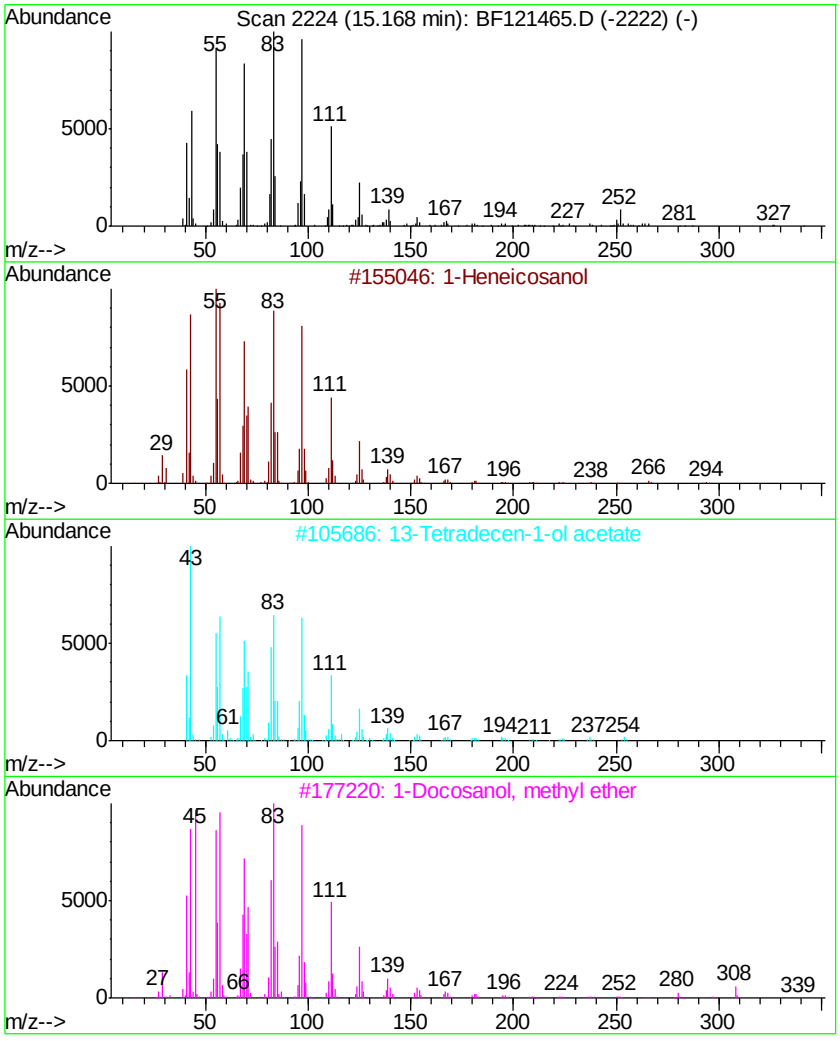
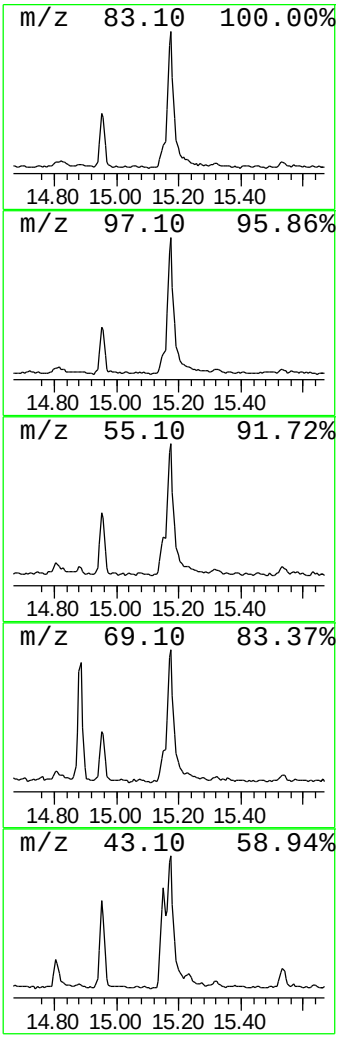
Peak Number 8 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	8.62 ng	839934	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	52
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	52
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	50
5	1-Nonadecene	266	C19H38	018435-45-5	43





Library Search Compound Report

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Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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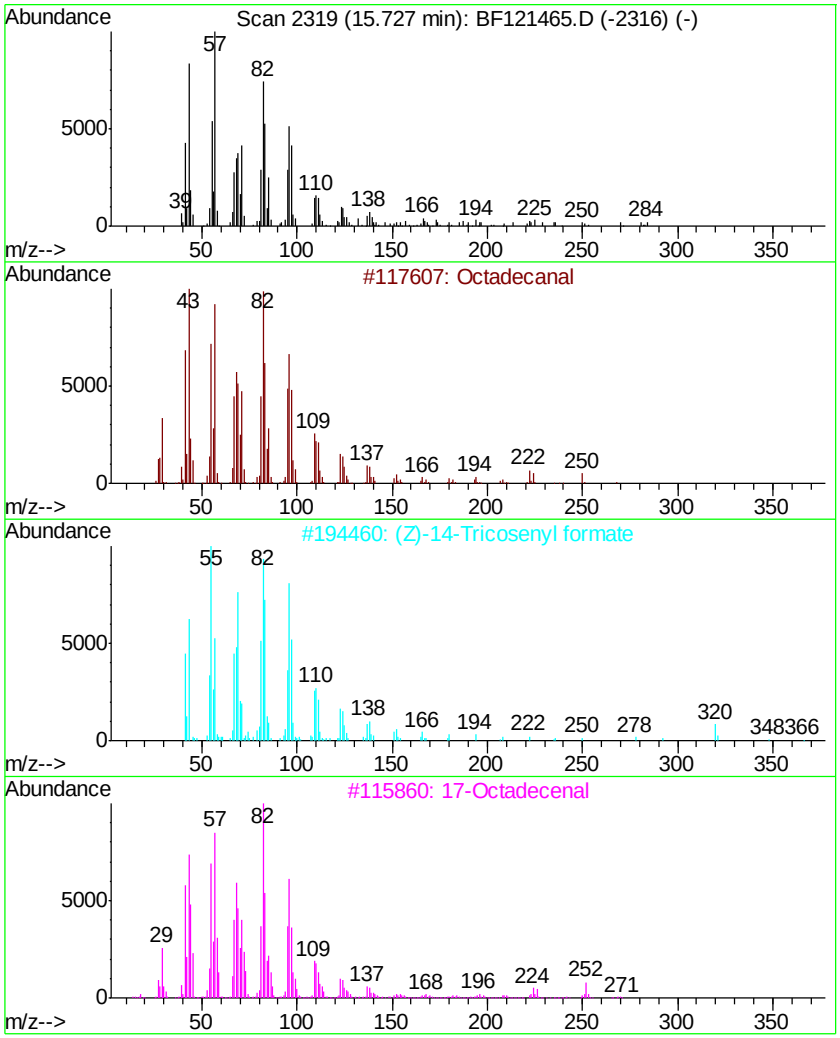
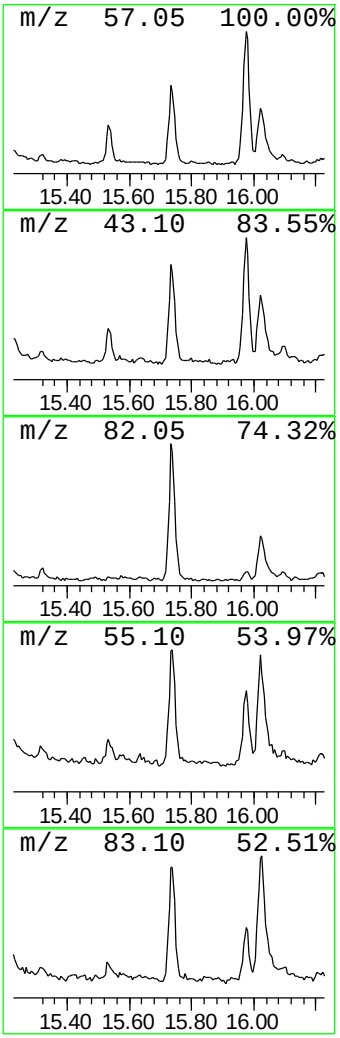
Peak Number 9 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.01 ng	390771	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86
3	17-Octadecenal	266	C18H34O	056554-86-0	86
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74





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Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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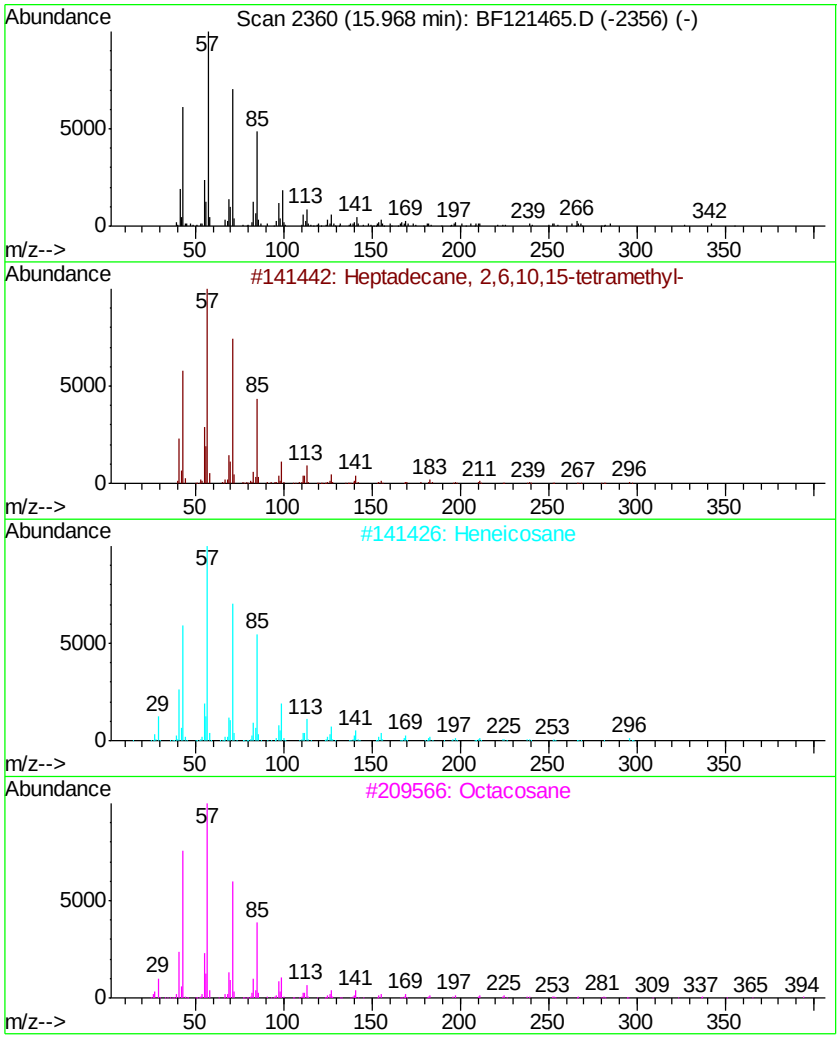
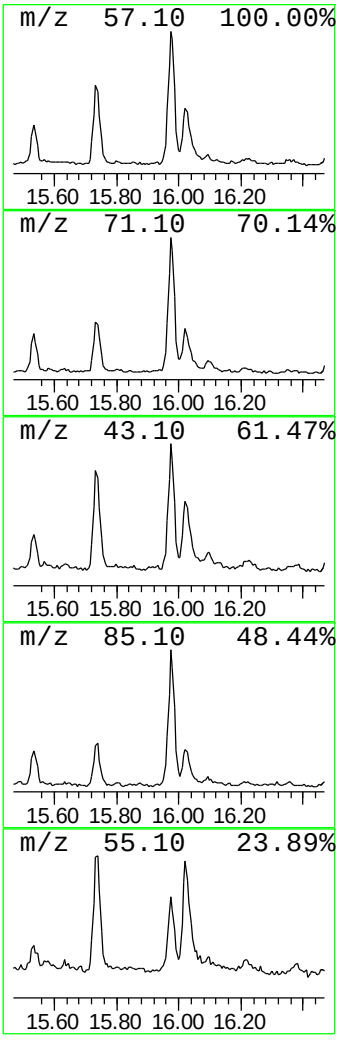
Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.58 ng	348855	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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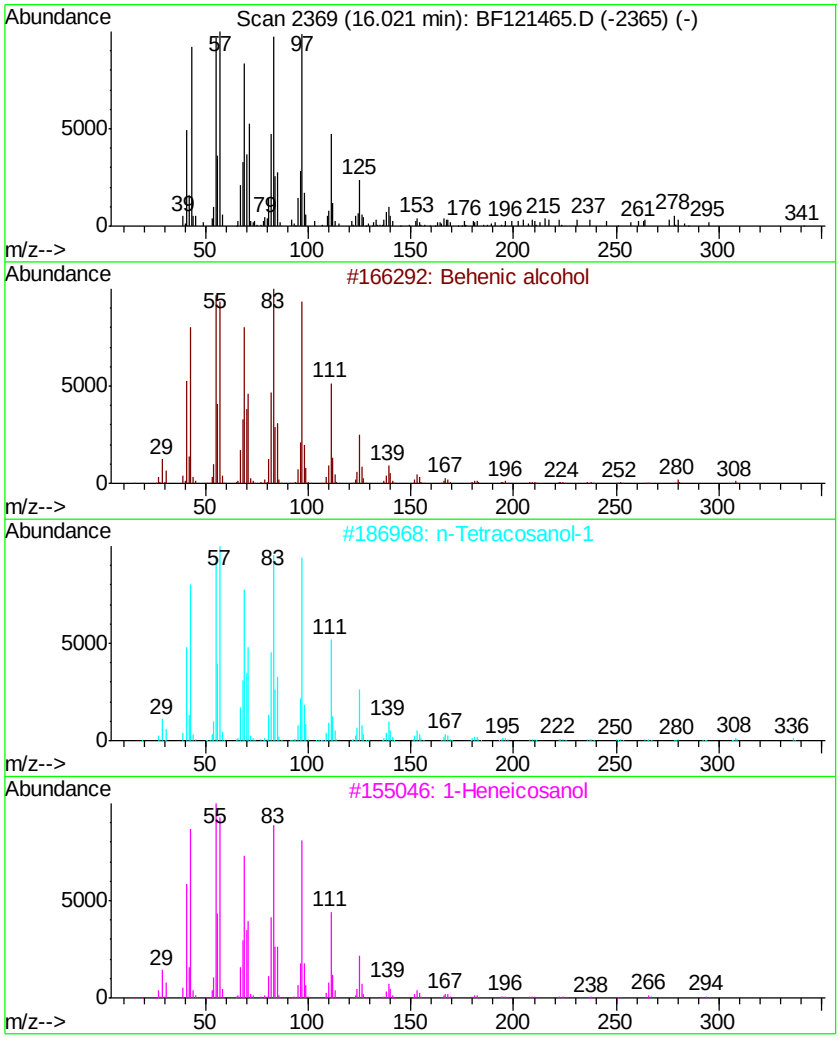
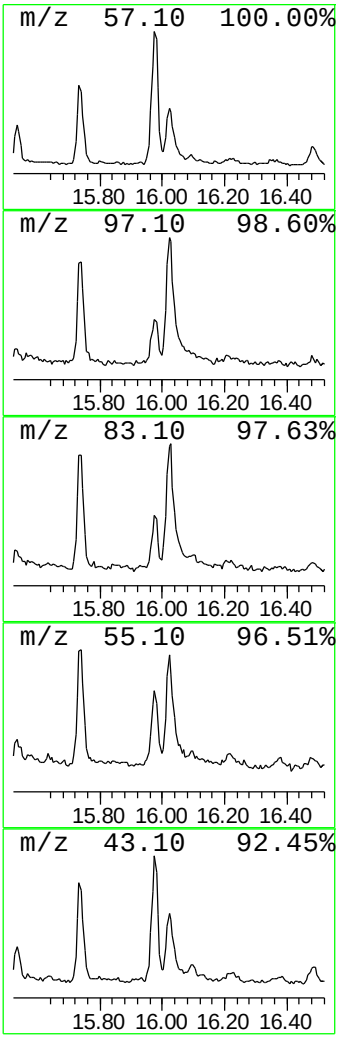
Peak Number 11 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.60 ng	350664	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Octacosanol	410	C28H58O	000557-61-9	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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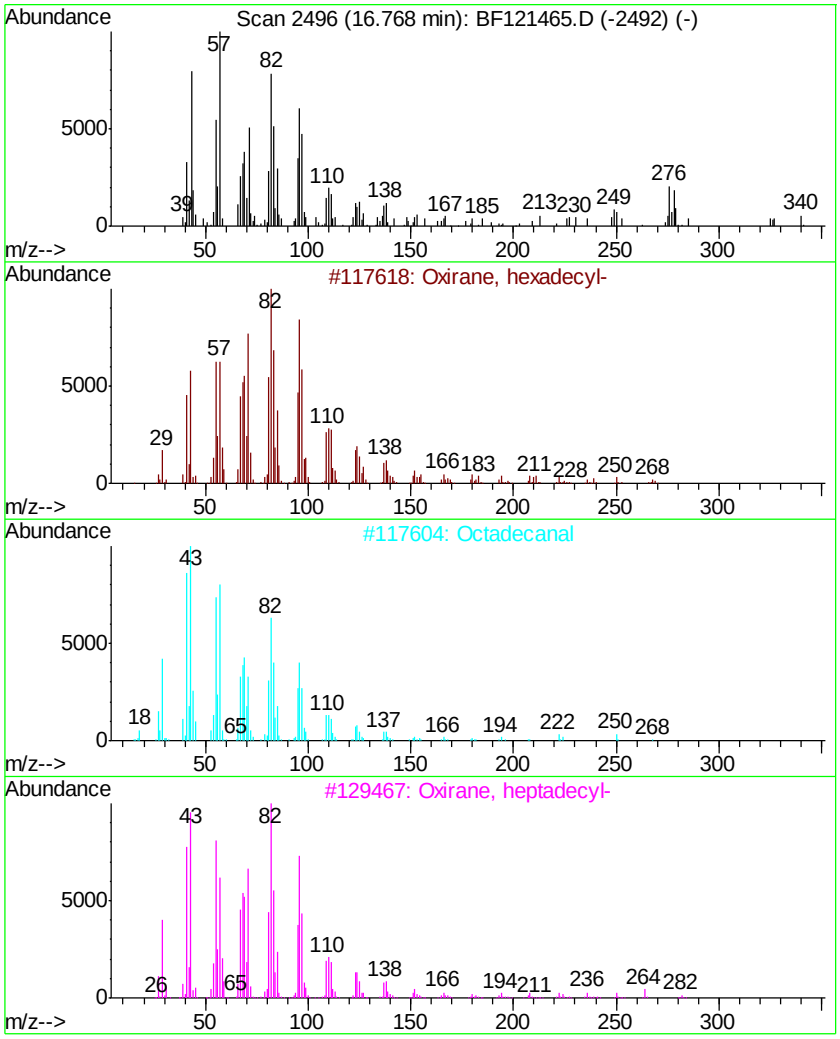
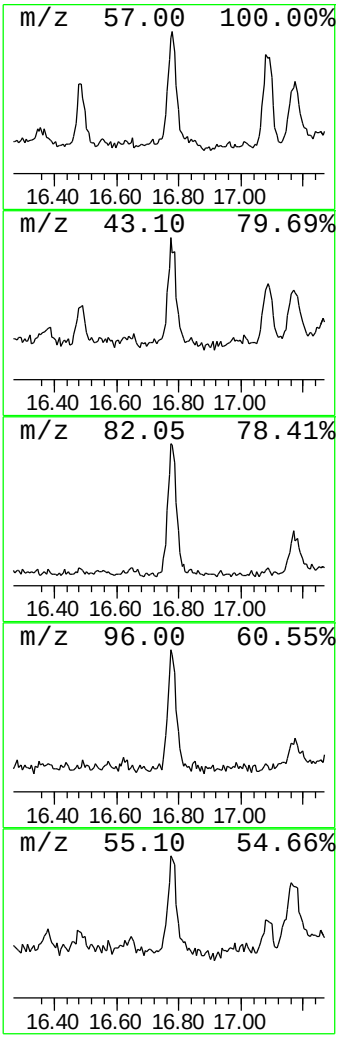
Peak Number 12 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.53 ng	246236	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Octadecanal	268	C18H36O	000638-66-4	80
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62
4	Hexadecanal	240	C16H32O	000629-80-1	62
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082820\
Data File : BF121465.D
Acq On : 28 Aug 2020 17:58
Operator : JU/CG
Sample : L3837-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP11-2430-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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
Butane, 2-methoxy...	2.15	23.3	ng	1985830	1	6.86	1707480	20.0
n-Hexadecanoic acid	11.91	3.4	ng	482768	4	11.38	2870150	20.0
5-Eicosene, (E)-	13.87	9.1	ng	1154770	5	14.02	2534560	20.0
Ethanol, 2-(tetra...	14.50	2.9	ng	367949	5	14.02	2534560	20.0
1,19-Eicosadiene	14.95	4.2	ng	413819	6	15.49	1949790	20.0
Hexacosane	15.15	3.5	ng	339219	6	15.49	1949790	20.0
1-Heneicosanol	15.17	8.6	ng	839934	6	15.49	1949790	20.0
Octadecanal	15.73	4.0	ng	390771	6	15.49	1949790	20.0
Heptadecane, 2,6,...	15.97	3.6	ng	348855	6	15.49	1949790	20.0
Behenic alcohol	16.02	3.6	ng	350664	6	15.49	1949790	20.0
Oxirane, hexadecyl-	16.77	2.5	ng	246236	6	15.49	1949790	20.0