LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120228.D
Acq On : 27 Apr 2020 19:26
Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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	5.275	538	542	556	rBV	1488803	1408245	34.00%	5.735%
2	6.316	715	719	731	rVB	815559	838111	20.23%	3.413%
3	6.498	747	750	759	rBV	105792	96685	2.33%	0.394%
4	6.663	774	778	786	rBV	838955	733148	17.70%	2.986%
5	6.816	800	804	808	rBV	2599418	2342880	56.56%	9.541%
6	7.228	869	874	877	rBV	1954668	2083274	50.30%	8.484%
7	7.945	992	996	1000	rBV	1160295	939855	22.69%	3.827%
8	9.028	1175	1180	1183	rBV	4309890	3716352	89.72%	15.134%
9	9.422	1244	1247	1250	rBV	192663	148868	3.59%	0.606%
10	9.698	1290	1294	1298	rBV	1263500	1052601	25.41%	4.287%
11	10.492	1424	1429	1432	rBV	2718190	2411786	58.23%	9.822%
12	11.180	1543	1546	1550	rBV	1129597	1035000	24.99%	4.215%
13	11.727	1635	1639	1651	rBV	474275	526633	12.71%	2.145%
14	12.510	1769	1772	1780	rBV	239994	268638	6.49%	1.094%
15	12.774	1812	1817	1821	rBV	3990964	4141990	100.00%	16.868%
16	13.674	1967	1970	1981	rVB	360893	408173	9.85%	1.662%
17	13.821	1991	1995	1999	rBV	944754	827018	19.97%	3.368%
18	13.998	2022	2025	2031	rBV2	44093	44452	1.07%	0.181%
19	14.304	2073	2077	2086	rBV2	94815	117943	2.85%	0.480%
20	14.598	2123	2127	2130	rBV	127162	134259	3.24%	0.547%
21	14.910	2176	2180	2186	rBV	123713	130768	3.16%	0.533%
22	15.227	2229	2234	2237	rBV	718848	797548	19.26%	3.248%
23	15.257	2237	2239	2245	rVB	111174	141834	3.42%	0.578%
24	15.657	2303	2307	2313	rVB	77128	105834	2.56%	0.431%
25	15.710	2313	2316	2321	rBV6	27975	49931	1.21%	0.203%
26	16.121	2382	2386	2390	rBV2	43842	53980	1.30%	0.220%

Sum of corrected areas: 24555806

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
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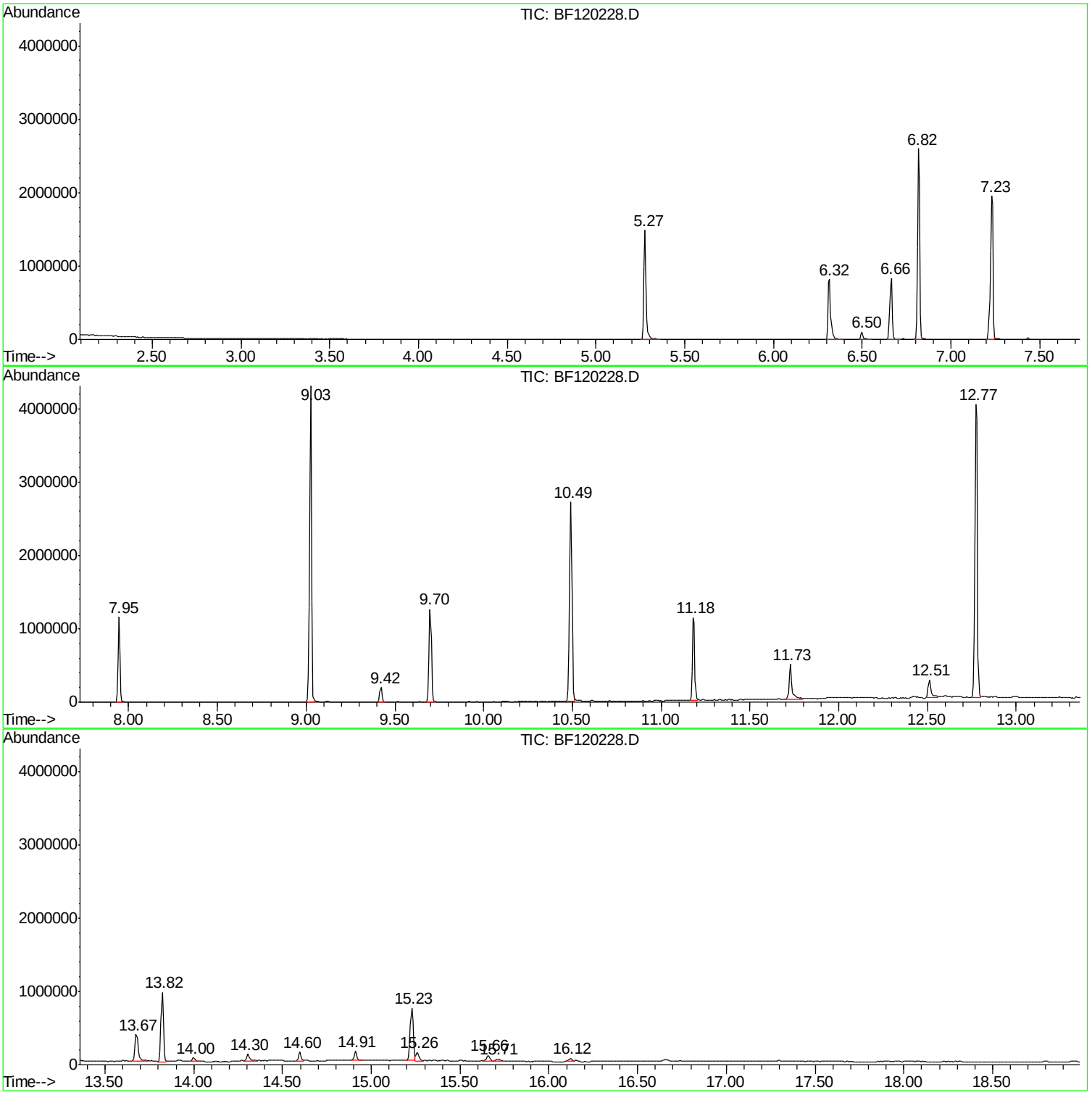
Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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\BF042720\
Data File : BF120228.D
Acq On : 27 Apr 2020 19:26
Operator : MA/SJ
Sample : L2405-07
Misc :
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Instrument : BNA_F
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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

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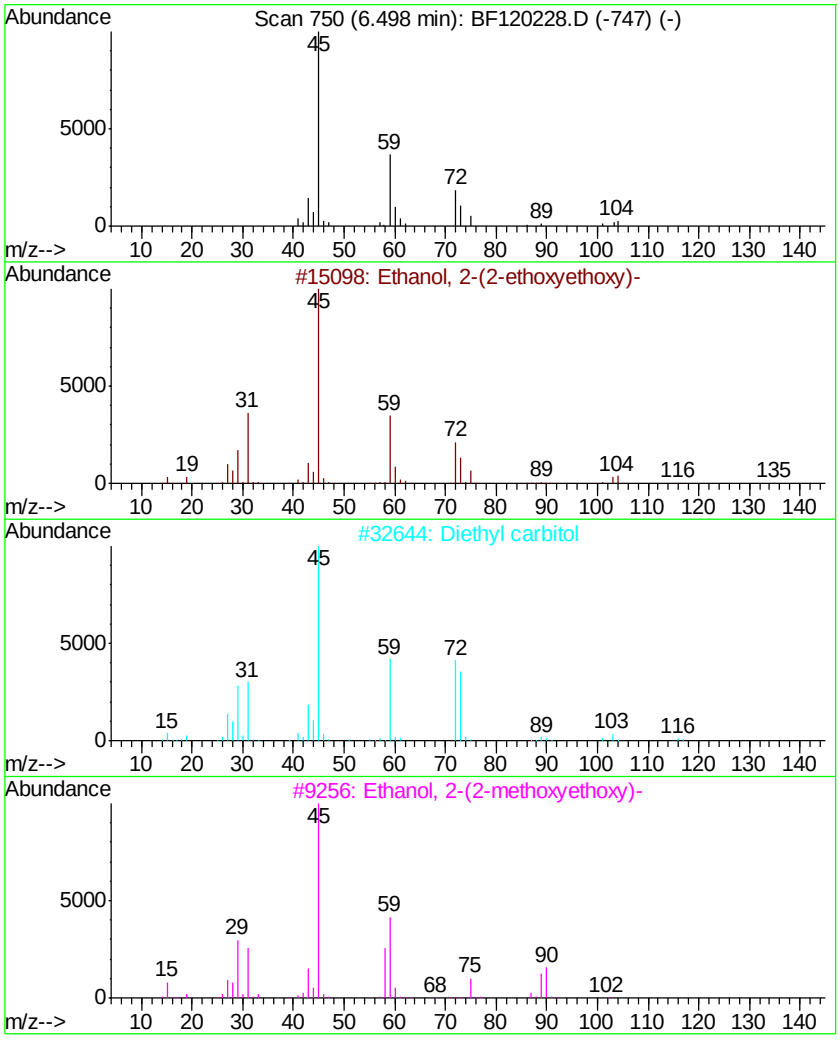
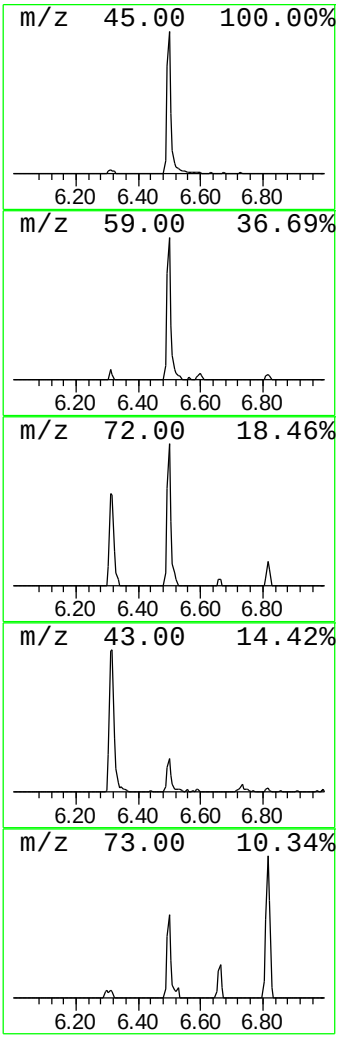
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	2.64 ng	96685	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	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
4	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
5	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	39





Library Search Compound Report

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Data File : BF120228.D
Acq On : 27 Apr 2020 19:26
Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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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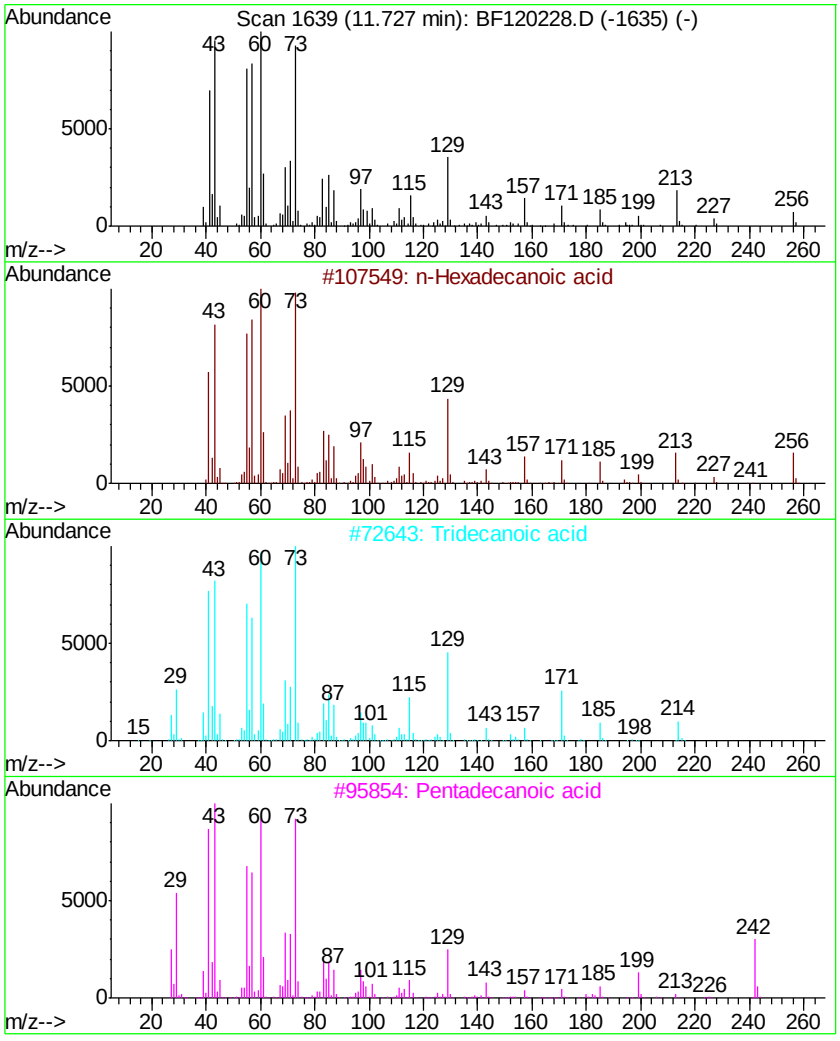
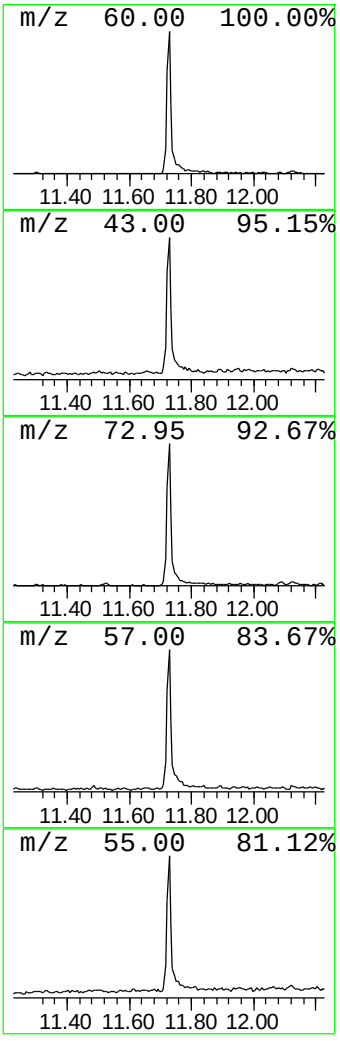
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	10.18 ng	526633	Phenanthrene-d10	11.18

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120228.D
Acq On : 27 Apr 2020 19:26
Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-15

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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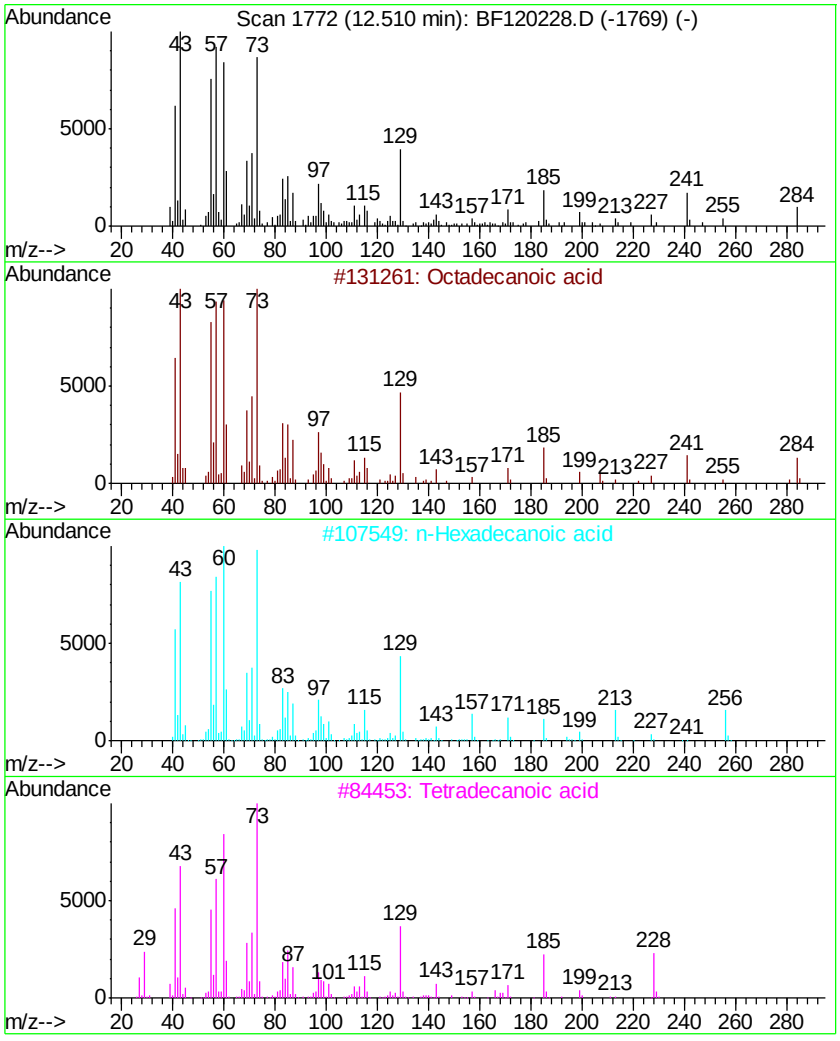
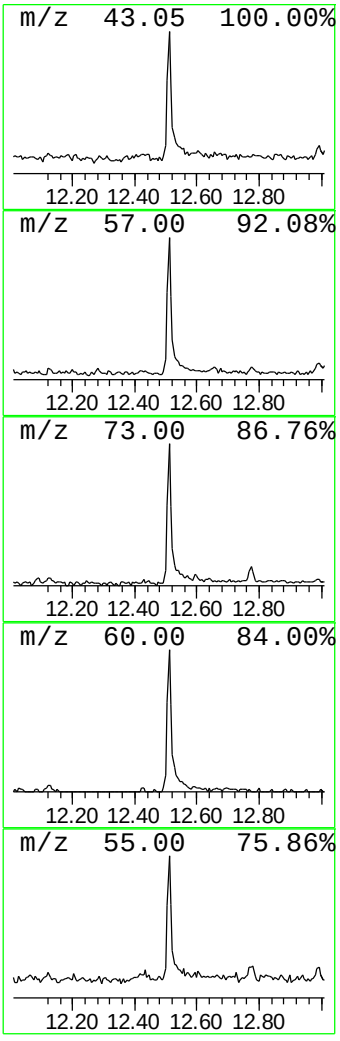
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.50 ng	268638	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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Data File : BF120228.D
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Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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

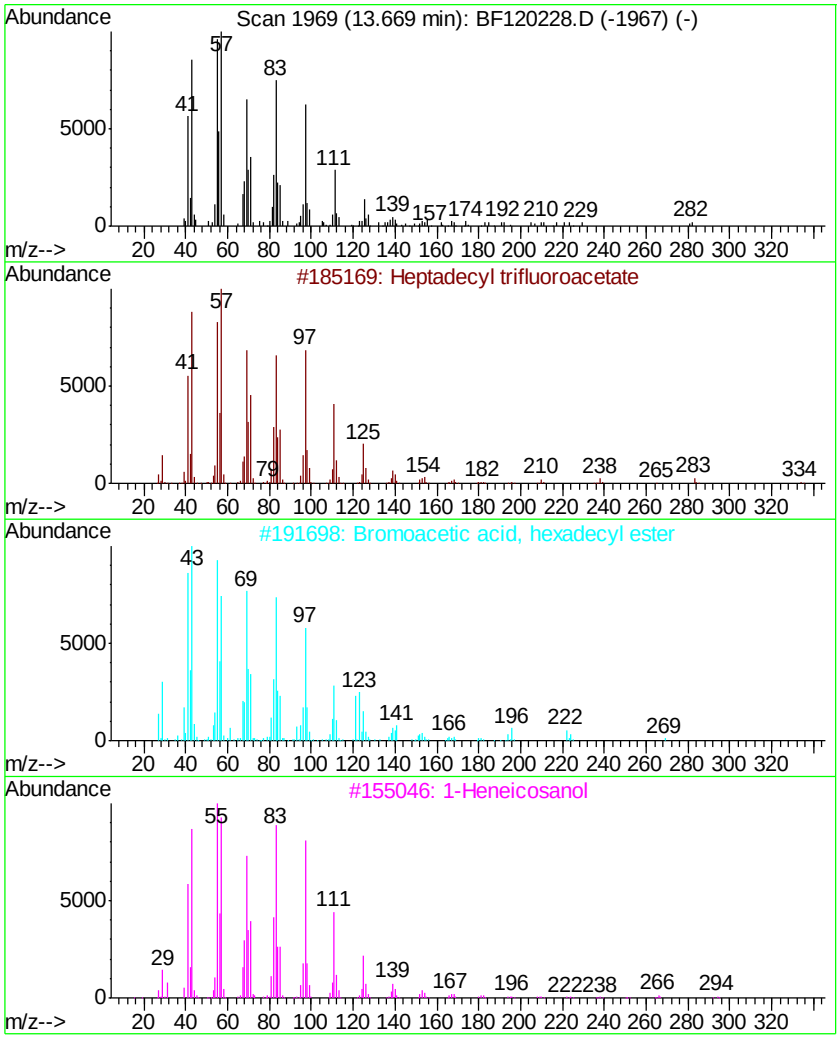
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

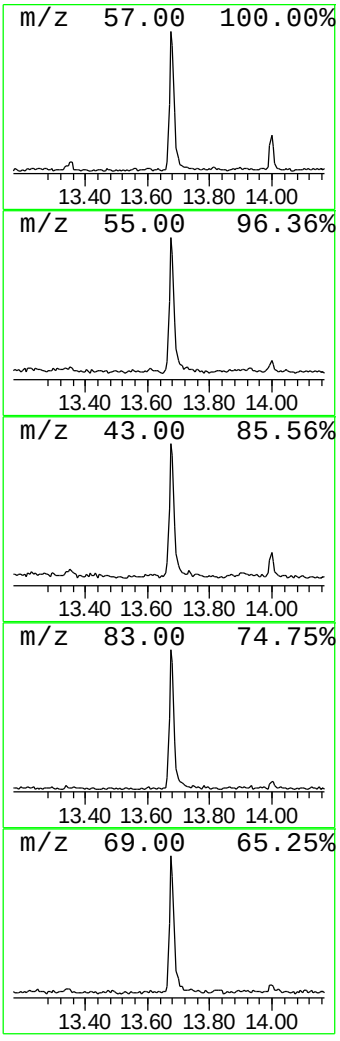
****

Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.87 ng	408173	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
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Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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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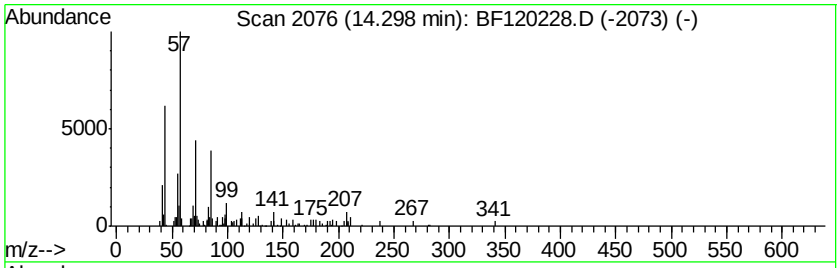
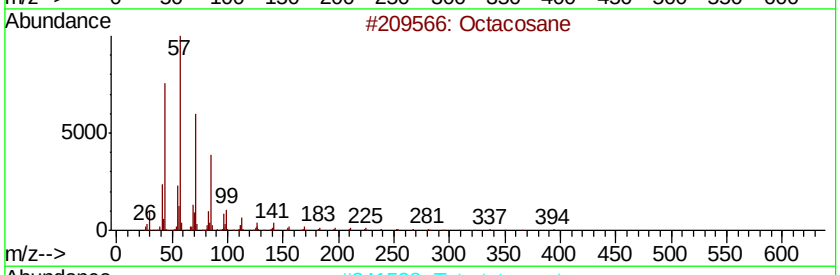
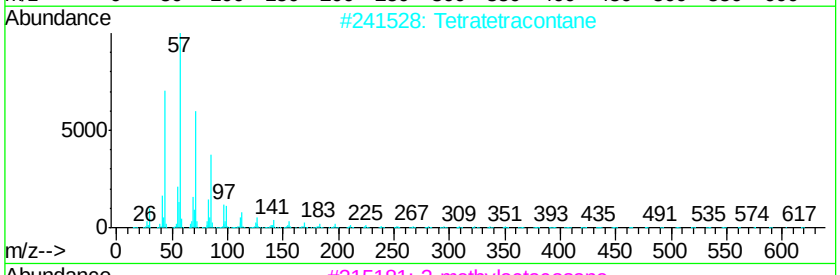
Peak Number 6 Octacosane Concentration Rank 7

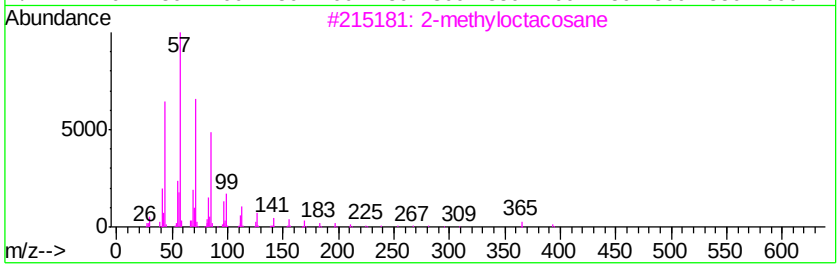
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.85 ng	117943	Chrysene-d12	13.82

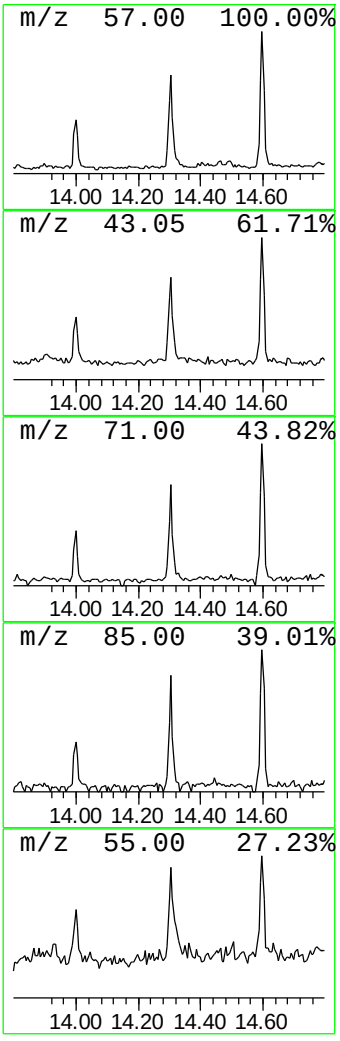
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tetracosane	338	C24H50	000646-31-1	83











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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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

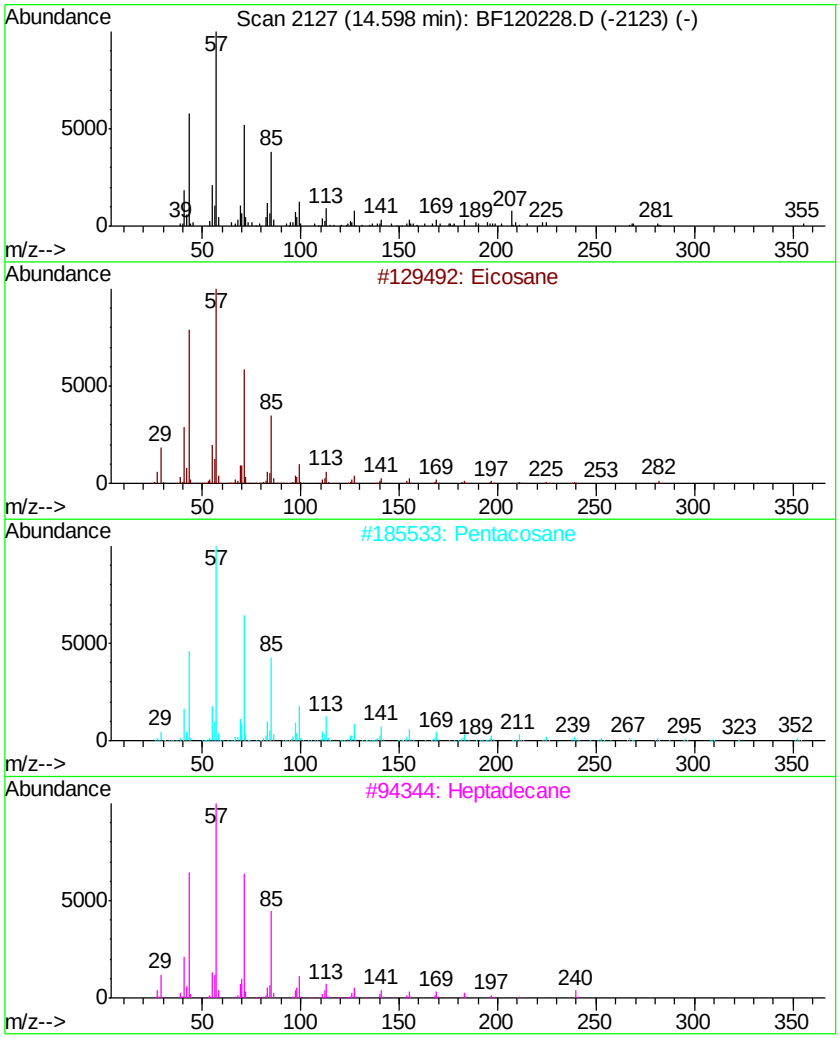
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

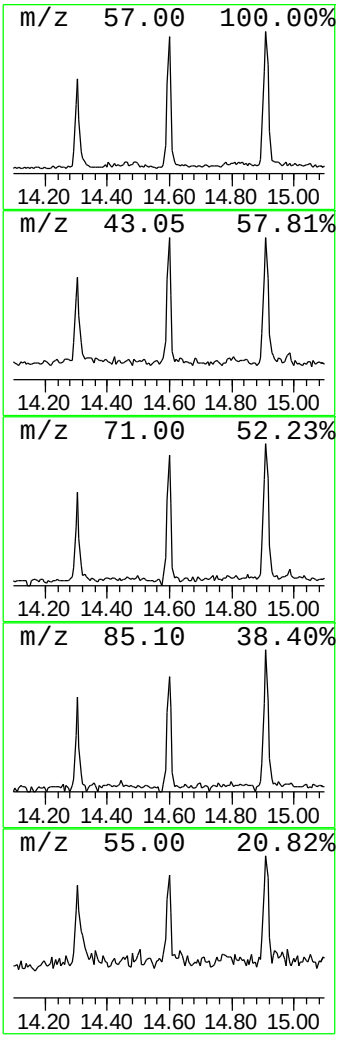
****

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.37 ng	134259	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heptadecane	240	C17H36	000629-78-7	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Tetracosane	338	C24H50	000646-31-1	81





Library Search Compound Report

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ClientSampleId : HW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

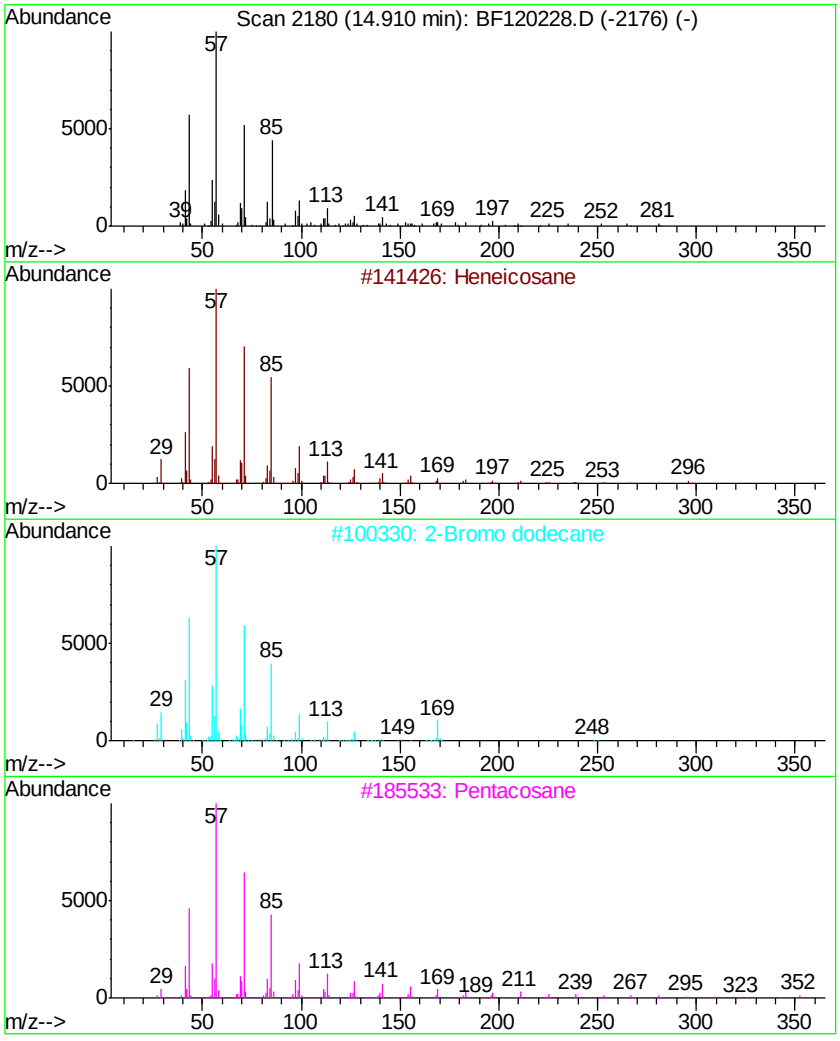
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

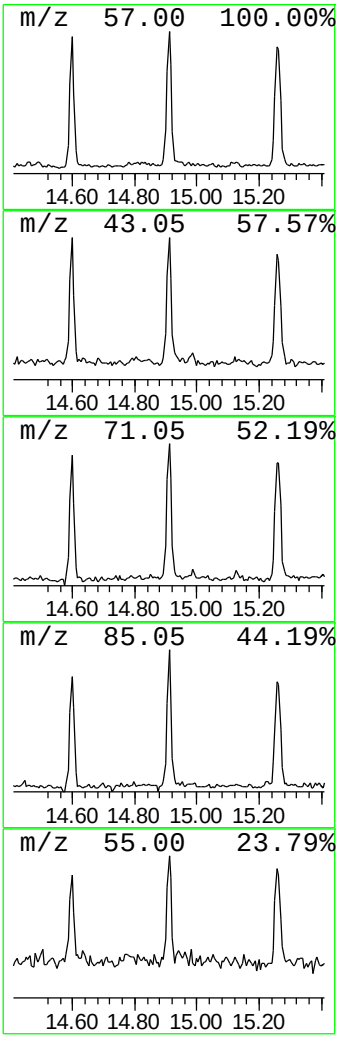
****

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.28 ng	130768	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Docosane	310	C22H46	000629-97-0	86





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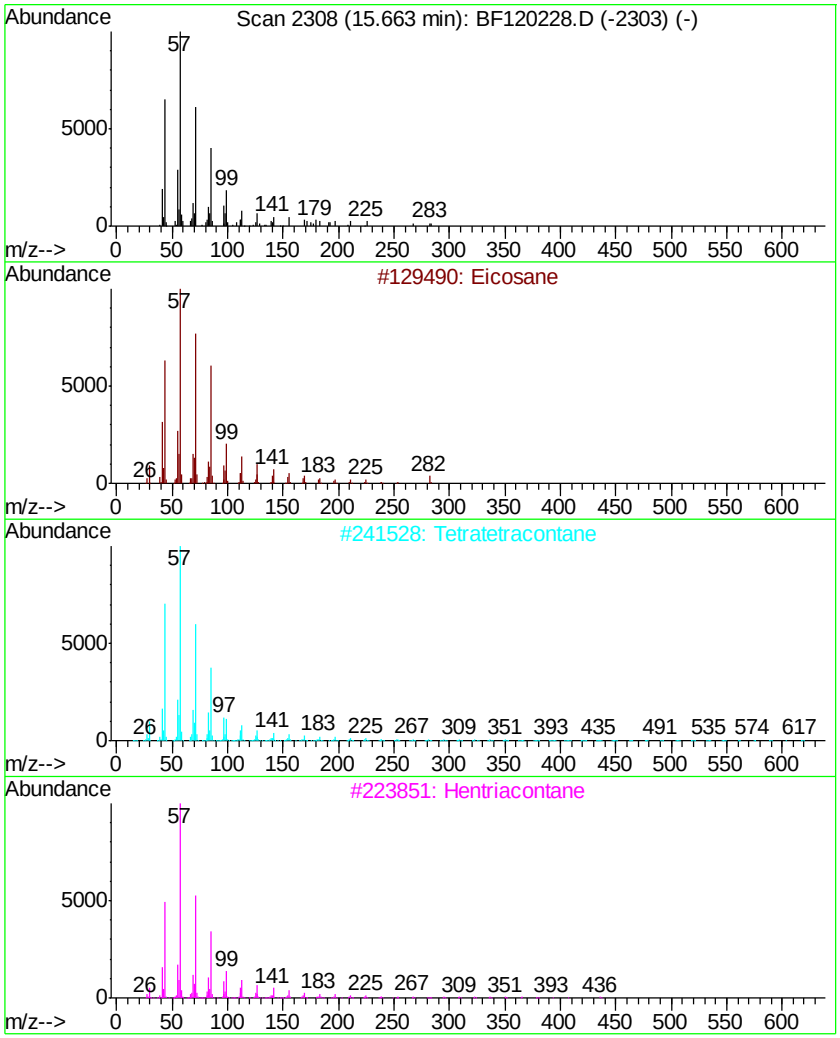
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

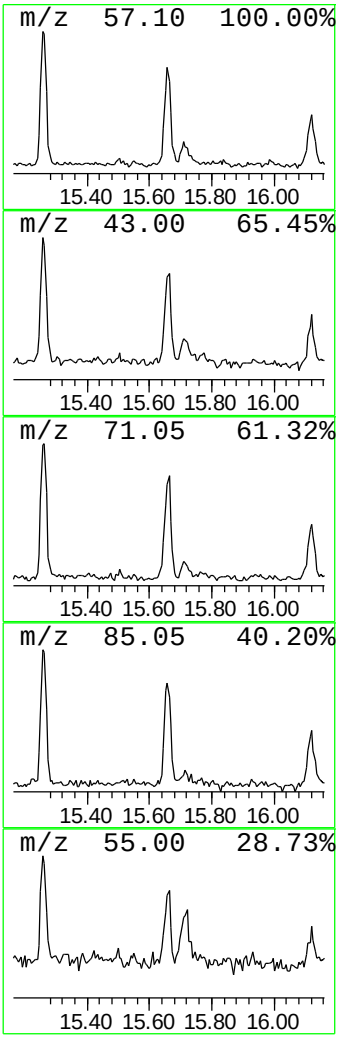
****

Peak Number 9 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.65 ng	105834	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042720\
Data File : BF120228.D
Acq On : 27 Apr 2020 19:26
Operator : MA/SJ
Sample : L2405-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15

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	2.6	ng	96685	1	6.66	733148	20.0
n-Hexadecanoic acid	11.73	10.2	ng	526633	4	11.18	1035000	20.0
Octadecanoic acid	12.51	6.5	ng	268638	5	13.82	827018	20.0
Heptadecyl triflu...	13.67	9.9	ng	408173	5	13.82	827018	20.0
Octacosane	14.30	2.9	ng	117943	5	13.82	827018	20.0
Eicosane	14.60	3.4	ng	134259	6	15.23	797548	20.0
Heneicosane	14.91	3.3	ng	130768	6	15.23	797548	20.0
Tetratetracontane	15.66	2.6	ng	105834	6	15.23	797548	20.0