LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119803.D
Acq On : 7 Apr 2020 6:16
Operator : MA/SJ
Sample : L2135-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

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-BF031820.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	5.010	493	497	504	rVB	64571	88124	1.29%	0.173%
2	5.398	557	563	566	rBV	5678762	6177271	90.59%	12.149%
3	6.416	729	736	739	rBV	5218860	6046577	88.67%	11.892%
4	6.610	766	769	783	rVB	169159	160418	2.35%	0.316%
5	6.781	794	798	801	rBV	1323043	1061541	15.57%	2.088%
6	6.939	820	825	828	rBV	5306662	4752932	69.70%	9.348%
7	7.345	888	894	897	rBV	3636599	4048087	59.36%	7.962%
8	8.063	1012	1016	1020	rBV	1499263	1368115	20.06%	2.691%
9	9.145	1194	1200	1204	rBV	6110807	6819259	100.00%	13.412%
10	9.539	1262	1267	1270	rBV	1386678	1098891	16.11%	2.161%
11	9.822	1310	1315	1319	rBV	1657823	1569421	23.01%	3.087%
12	10.616	1444	1450	1453	rBV	4607399	4594057	67.37%	9.036%
13	11.310	1564	1568	1572	rBV	1950937	1592045	23.35%	3.131%
14	11.845	1655	1659	1669	rBV	439796	453262	6.65%	0.891%
15	12.551	1777	1779	1782	rVV	76502	73195	1.07%	0.144%
16	12.627	1789	1792	1806	rVB	225057	257473	3.78%	0.506%
17	12.904	1834	1839	1842	rBV	6234024	6338536	92.95%	12.467%
18	13.380	1911	1920	1926	rBV	114918	130914	1.92%	0.257%
19	13.810	1990	1993	2007	rBV3	131485	250744	3.68%	0.493%
20	13.951	2013	2017	2020	rBV	1604058	1371712	20.12%	2.698%
21	14.127	2043	2047	2050	rBV	159953	145802	2.14%	0.287%
22	14.433	2095	2099	2103	rBV	217543	196138	2.88%	0.386%
23	14.733	2143	2150	2155	rBV	243669	237220	3.48%	0.467%
24	15.062	2202	2206	2212	rBV	201787	224988	3.30%	0.443%
25	15.392	2257	2262	2266	rBV	1037190	1295565	19.00%	2.548%
26	15.439	2266	2270	2276	rVB	167349	212313	3.11%	0.418%
27	15.862	2336	2342	2347	rBV	114354	167069	2.45%	0.329%
28	16.357	2417	2426	2433	rBV2	57027	112369	1.65%	0.221%

Sum of corrected areas: 50844038

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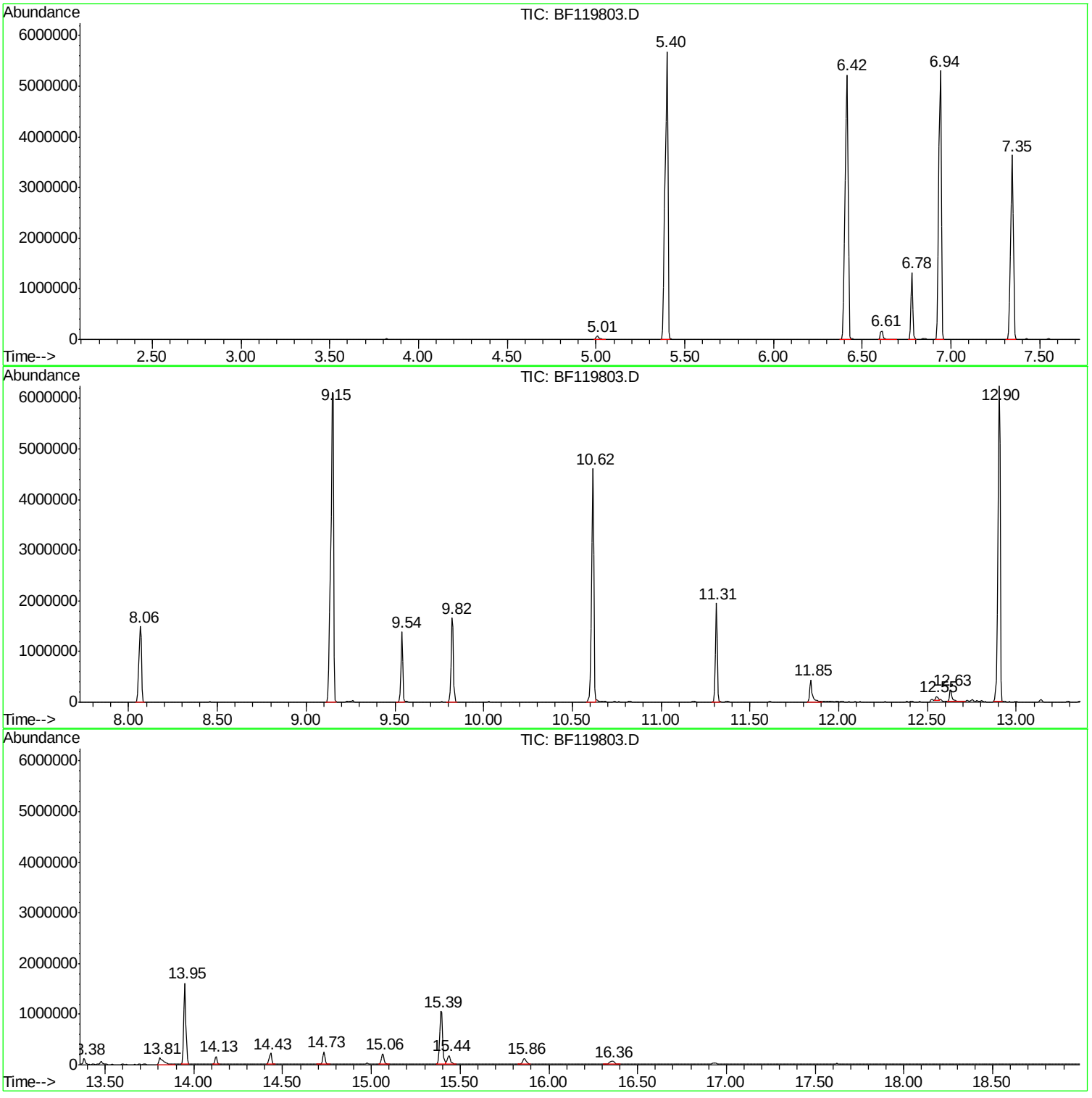
Instrument :
BNA_F
ClientSampleId :
SB-1H-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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

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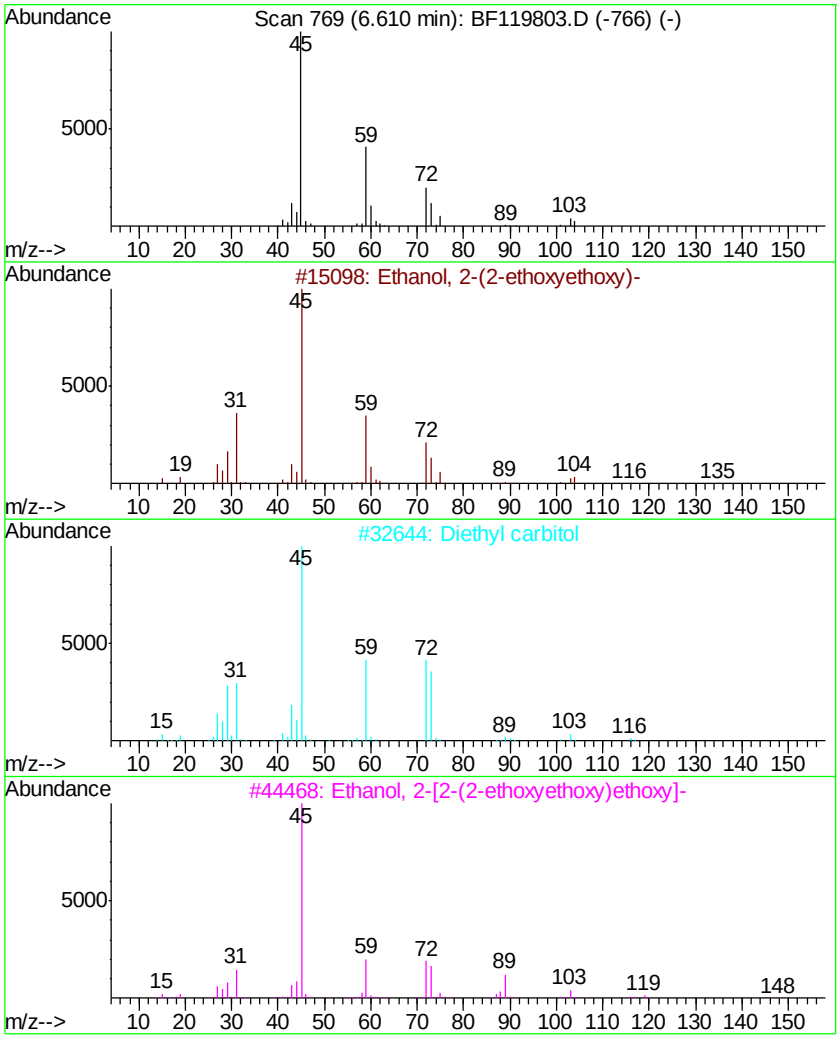
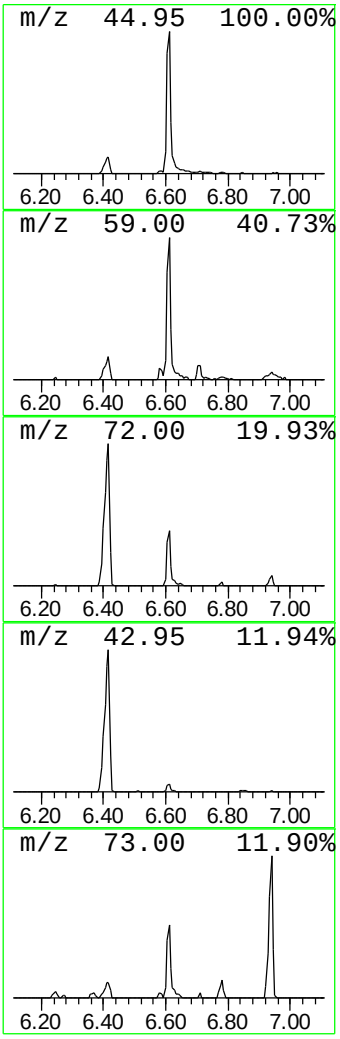
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.02 ng	160418	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	59
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	39





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Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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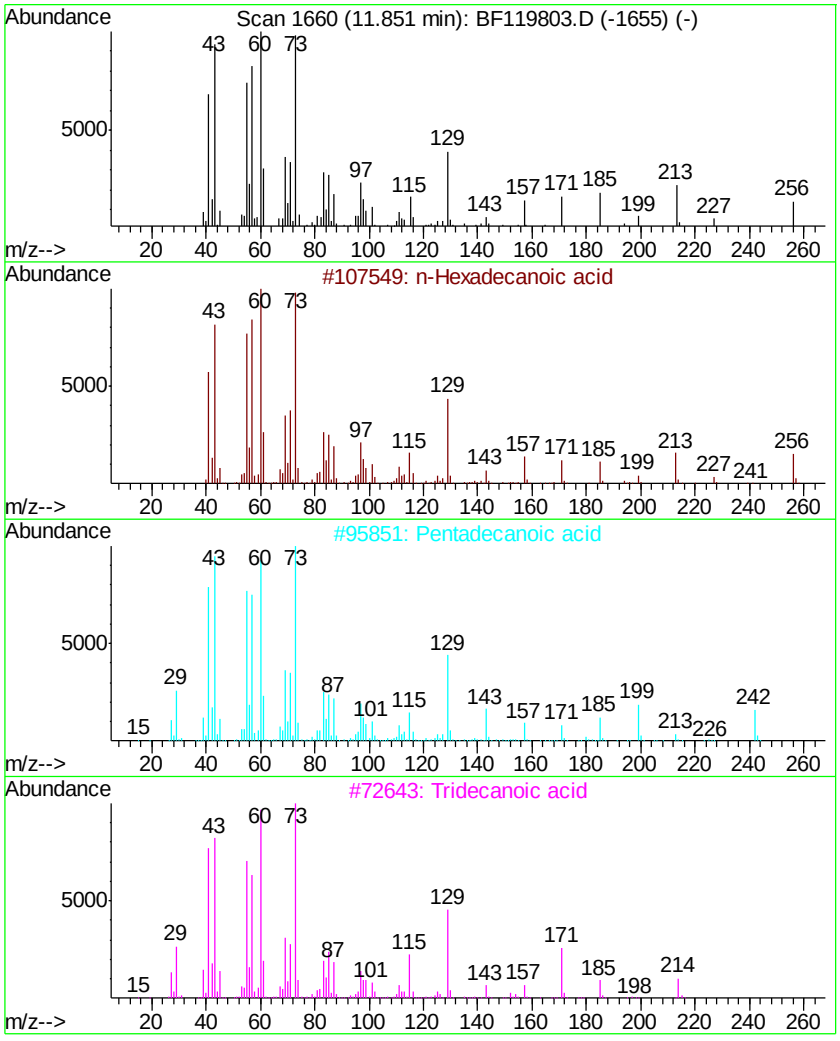
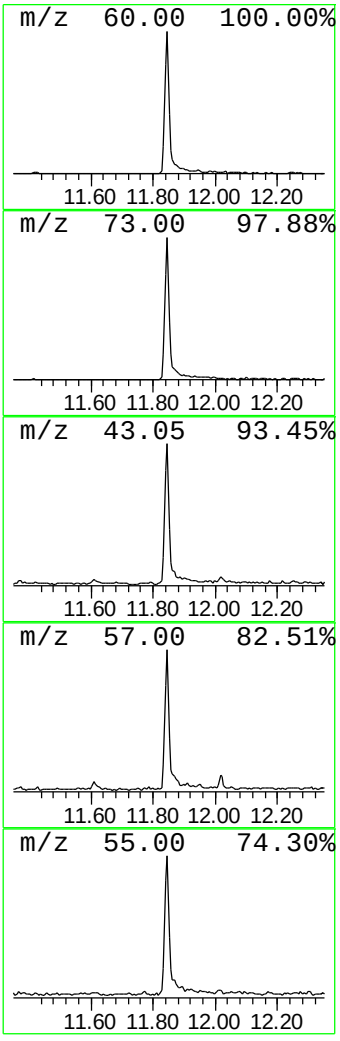
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.69 ng	453262	Phenanthrene-d10	11.31

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

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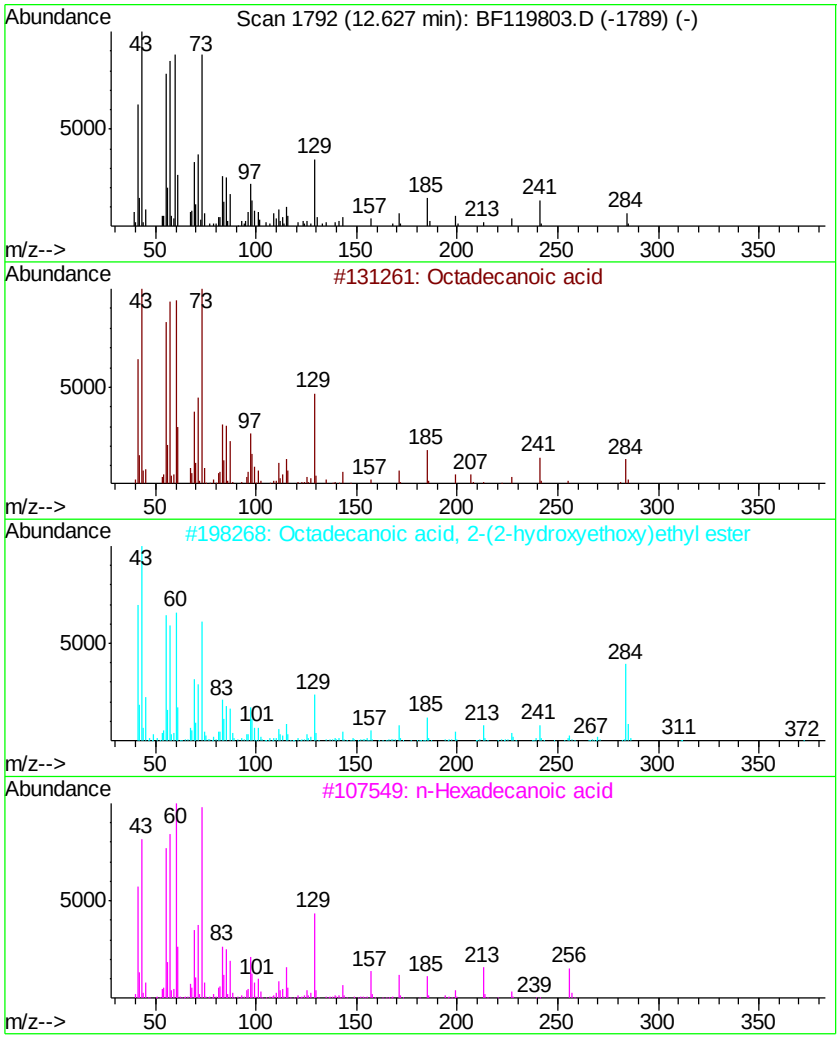
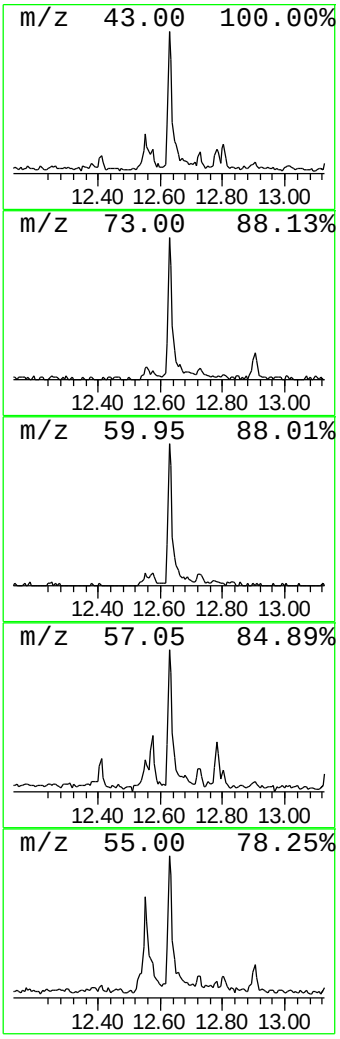
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.23 ng	257473	Phenanthrene-d10	11.31

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	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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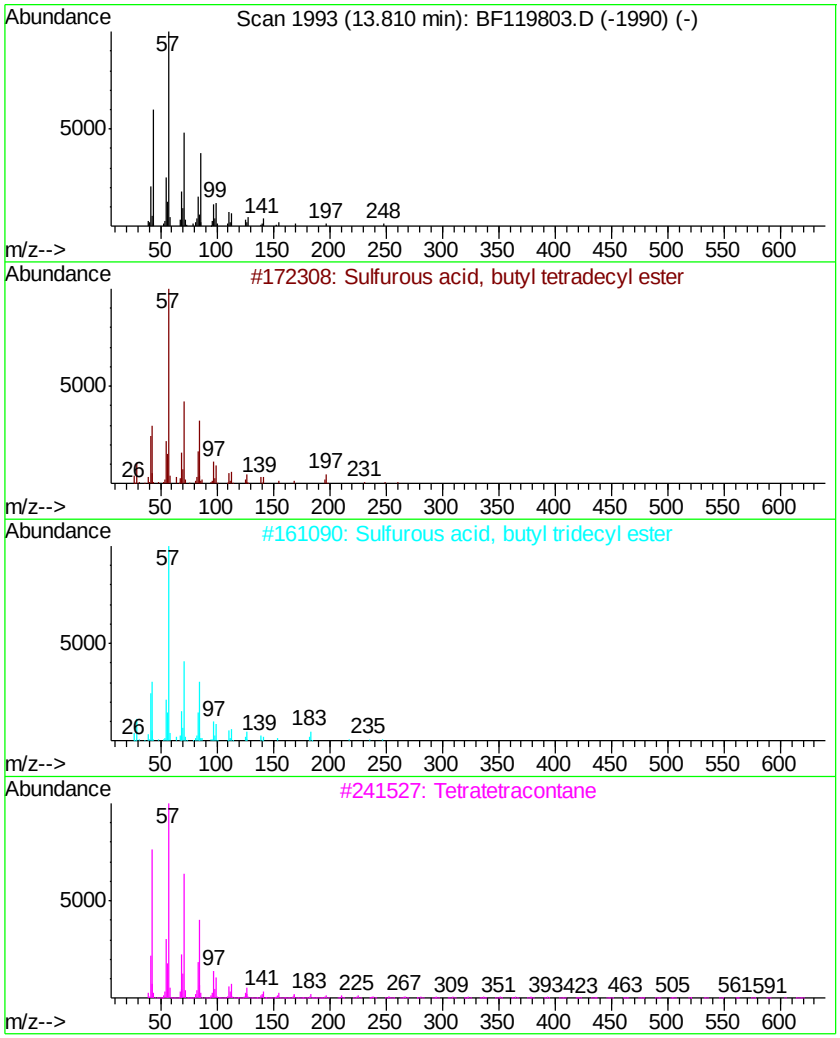
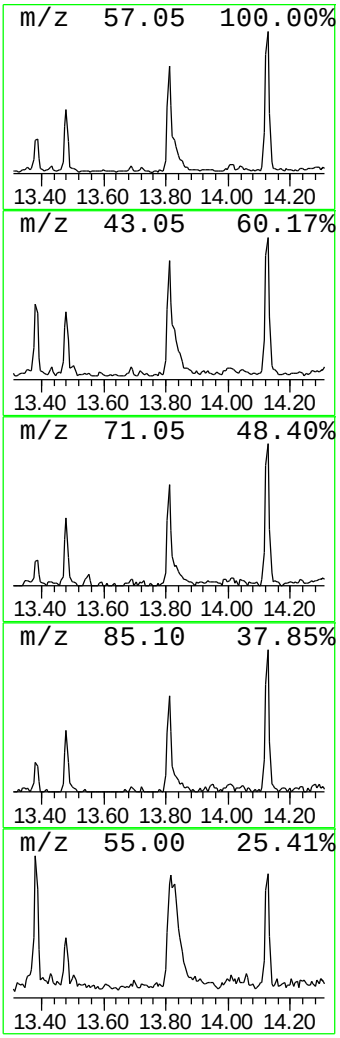
Peak Number 5 Sulfurous acid, butyl tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.66 ng	250744	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

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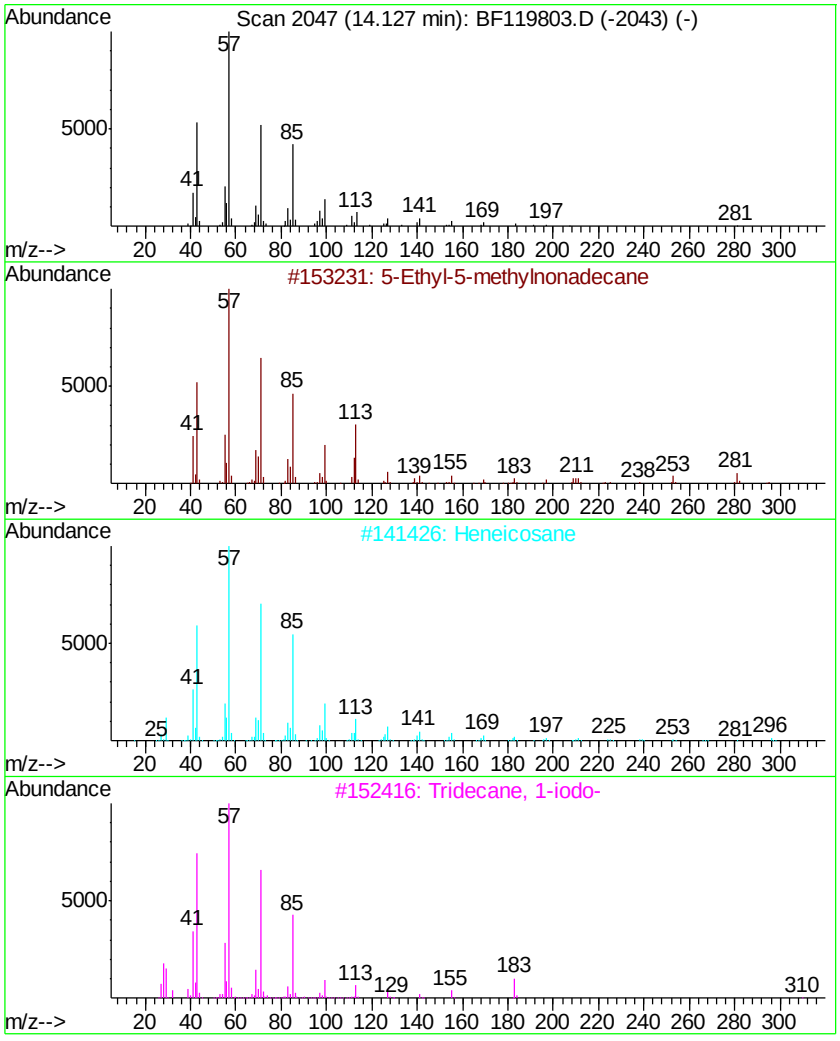
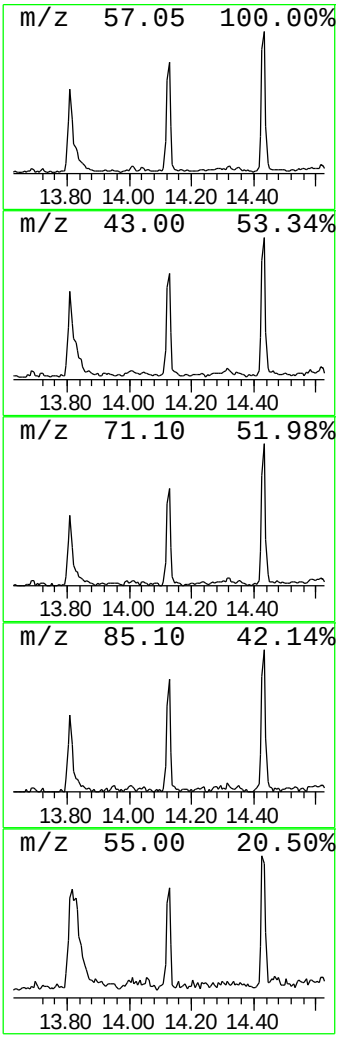
****

Peak Number 6 5-Ethyl-5-methylnonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.13 ng	145802	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Octacosane	394	C28H58	000630-02-4	81





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Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

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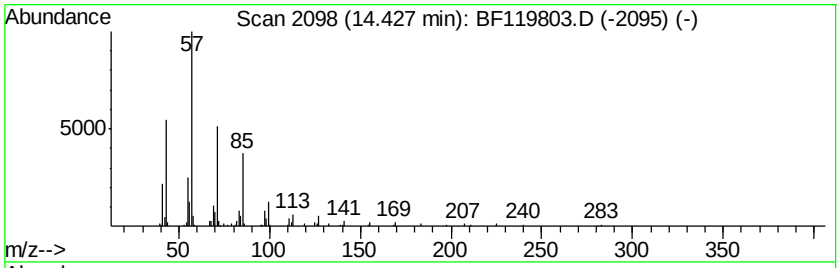
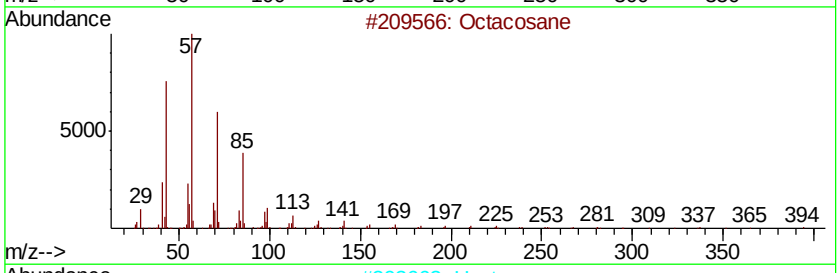
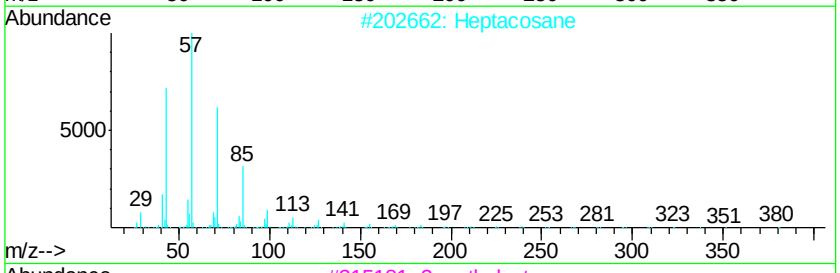
Peak Number 7 Octacosane Concentration Rank 8

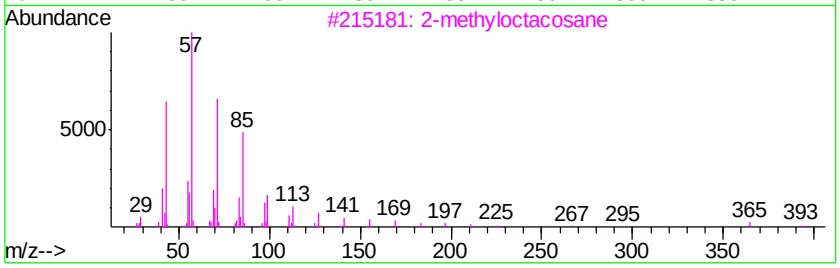
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.86 ng	196138	Chrysene-d12	13.95

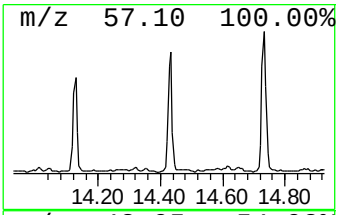
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	90

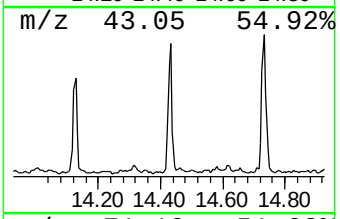


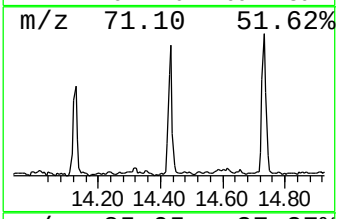


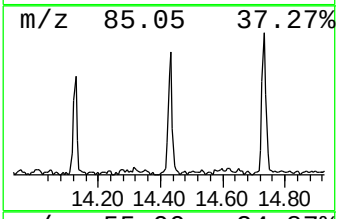


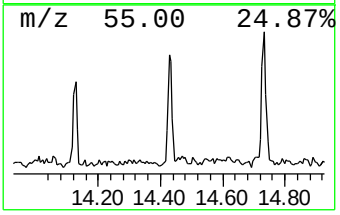












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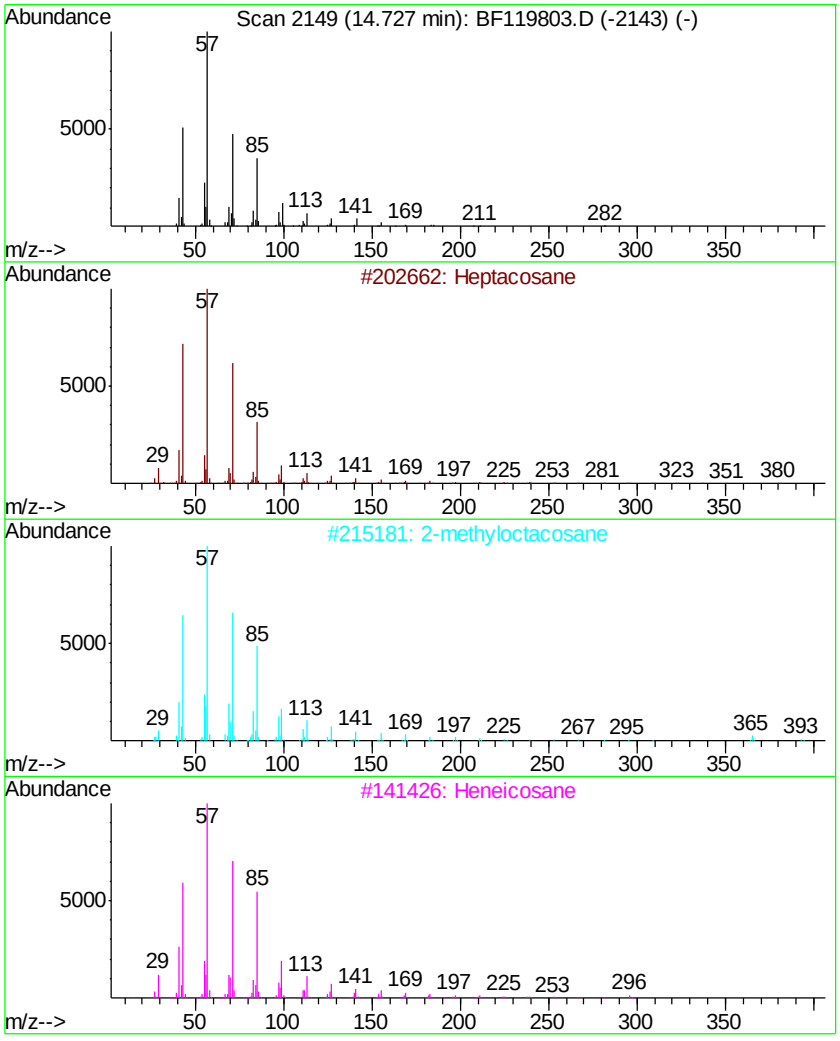
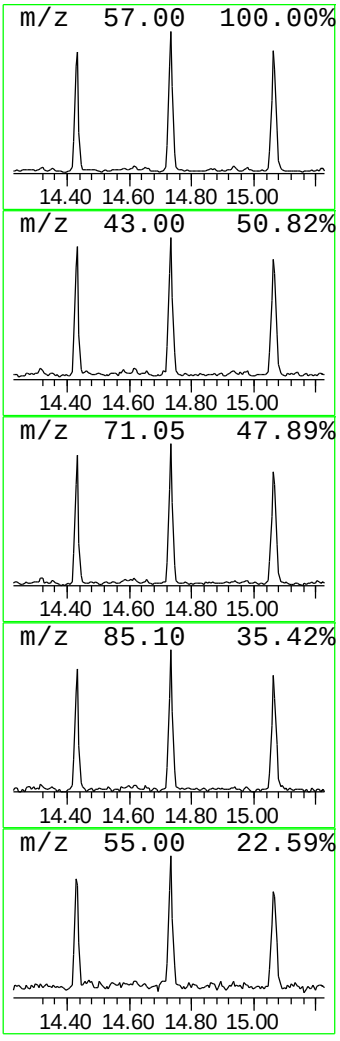
****

Peak Number 8 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.66 ng	237220	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Pentacosane	352	C25H52	000629-99-2	90





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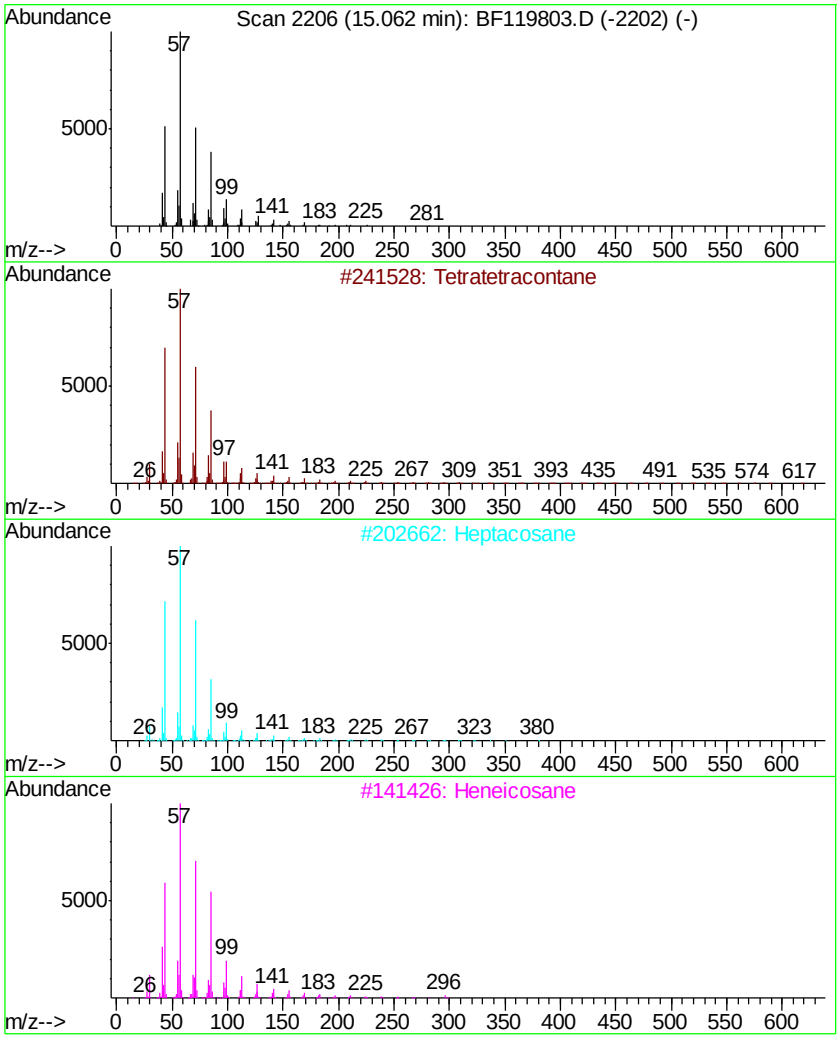
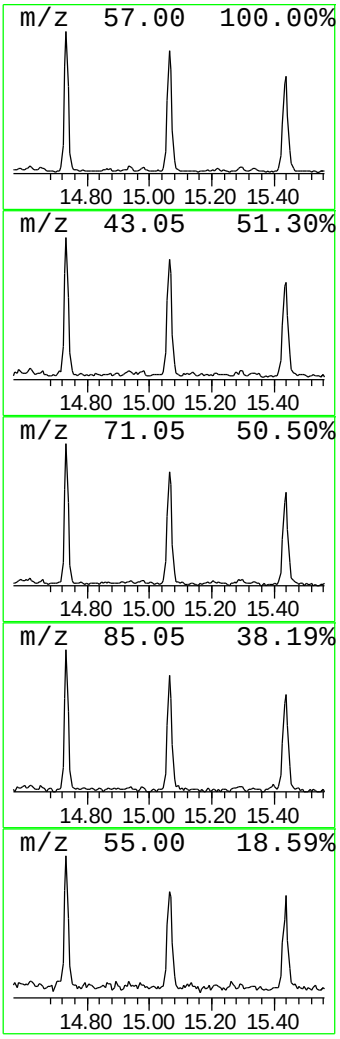
Peak Number 9 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.47 ng	224988	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

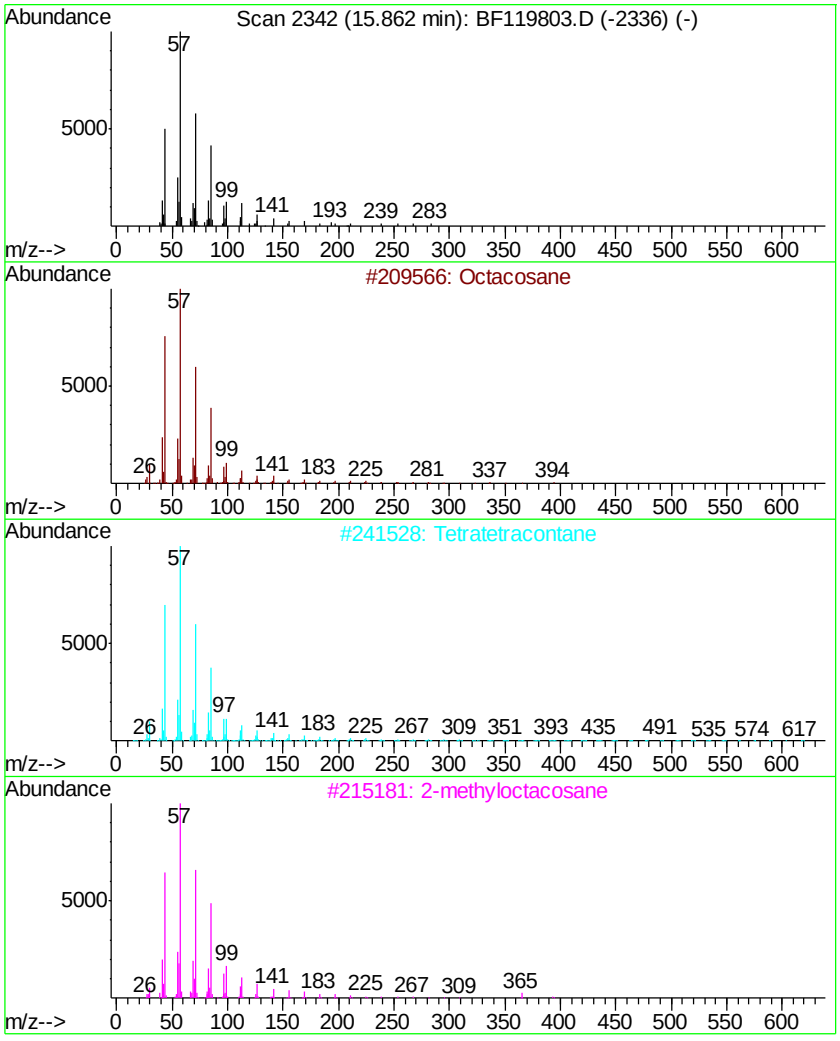
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

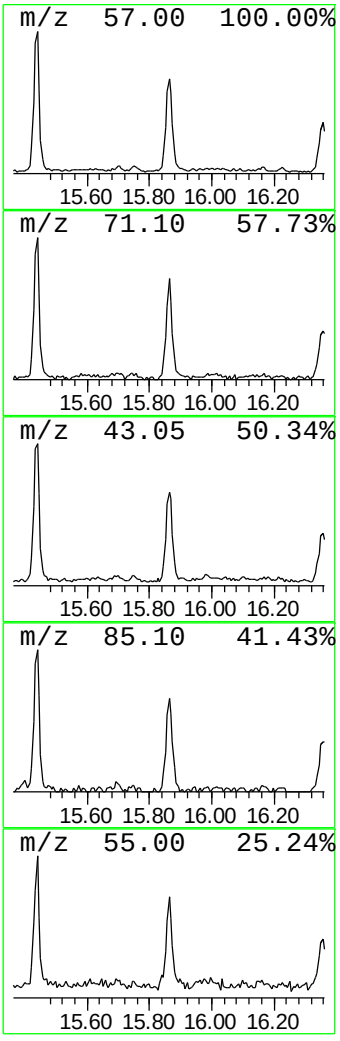
****

Peak Number 10 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.58 ng	167069	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
Data File : BF119803.D
Acq On : 7 Apr 2020 6:16
Operator : MA/SJ
Sample : L2135-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1H-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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...	6.61	3.0	ng	160418	1	6.78	1061540	20.0
n-Hexadecanoic acid	11.85	5.7	ng	453262	4	11.31	1592050	20.0
Octadecanoic acid	12.63	3.2	ng	257473	4	11.31	1592050	20.0
Sulfurous acid, b...	13.81	3.7	ng	250744	5	13.95	1371710	20.0
5-Ethyl-5-methyln...	14.13	2.1	ng	145802	5	13.95	1371710	20.0
Octacosane	14.43	2.9	ng	196138	5	13.95	1371710	20.0
Heptacosane	14.73	3.7	ng	237220	6	15.39	1295570	20.0
Tetratetracontane	15.06	3.5	ng	224988	6	15.39	1295570	20.0
2-methyloctacosane	15.86	2.6	ng	167069	6	15.39	1295570	20.0