LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

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-BF073019.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	5.463	570	574	600	rBV	1522622	1791789	37.33%	5.636%
2	6.469	742	745	765	rBV	1307606	1416607	29.51%	4.456%
3	6.610	765	769	778	rBV	3143126	2889014	60.19%	9.088%
4	6.834	804	807	817	rBV	735549	721489	15.03%	2.269%
5	6.992	830	834	848	rBV	2716898	2575413	53.66%	8.101%
6	7.398	899	903	921	rBV	2083437	2165391	45.11%	6.811%
7	8.116	1022	1025	1043	rBV	942218	921322	19.20%	2.898%
8	9.192	1203	1208	1211	rBV	4096562	3844483	80.10%	12.093%
9	9.586	1271	1275	1281	rBV	320290	344255	7.17%	1.083%
10	9.869	1319	1323	1337	rVB	1272354	1131562	23.58%	3.559%
11	10.280	1390	1393	1399	rVB	72672	73984	1.54%	0.233%
12	10.663	1453	1458	1474	rBV	2256419	2485335	51.78%	7.818%
13	11.357	1572	1576	1585	rBV	1278000	1223252	25.49%	3.848%
14	11.733	1637	1640	1644	rVB	138985	112939	2.35%	0.355%
15	11.880	1662	1665	1669	rBV	108766	138893	2.89%	0.437%
16	12.210	1718	1721	1726	rVB	131442	120633	2.51%	0.379%
17	12.663	1793	1798	1806	rBV	69758	125005	2.60%	0.393%
18	12.939	1840	1845	1849	rBV	4302155	4799735	100.00%	15.098%
19	13.833	1993	1997	2011	rBV	203960	429859	8.96%	1.352%
20	13.963	2016	2019	2021	rVV	89561	78689	1.64%	0.248%
21	13.998	2021	2025	2038	rVB	1118817	1189076	24.77%	3.740%
22	14.145	2047	2050	2054	rBV	86786	82124	1.71%	0.258%
23	14.451	2098	2102	2105	rBV	196425	183366	3.82%	0.577%
24	14.751	2148	2153	2159	rBV	309004	317853	6.62%	1.000%
25	14.827	2162	2166	2173	rVB	357098	339721	7.08%	1.069%
26	15.086	2205	2210	2215	rBV	338840	394198	8.21%	1.240%
27	15.457	2268	2273	2288	rVB2	916756	1323394	27.57%	4.163%
28	15.880	2339	2345	2352	rBV	200886	320495	6.68%	1.008%
29	16.380	2424	2430	2444	rVB	97889	187963	3.92%	0.591%
30	16.956	2522	2528	2539	rVB2	29098	63090	1.31%	0.198%

Sum of corrected areas: 31790929

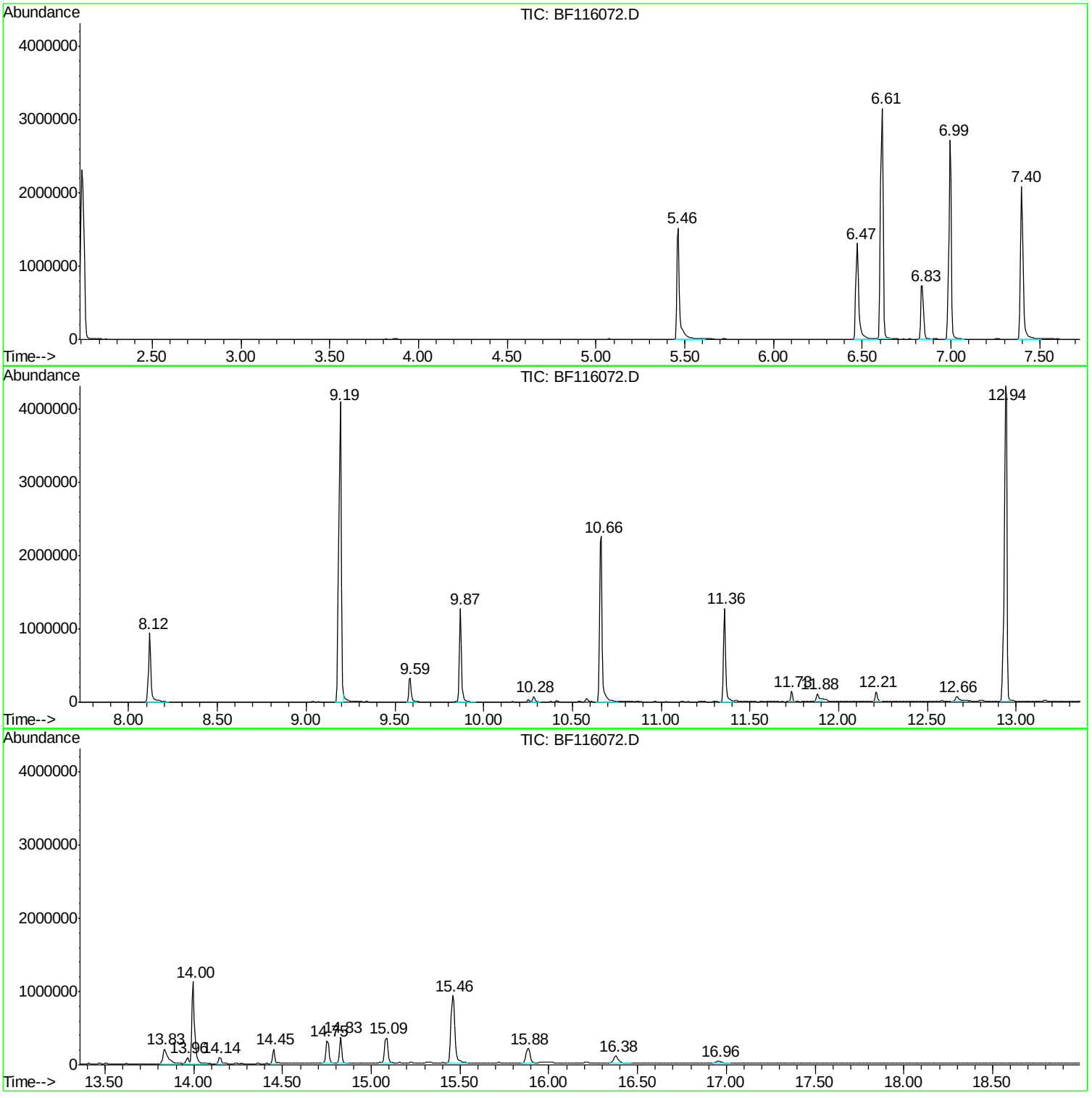
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

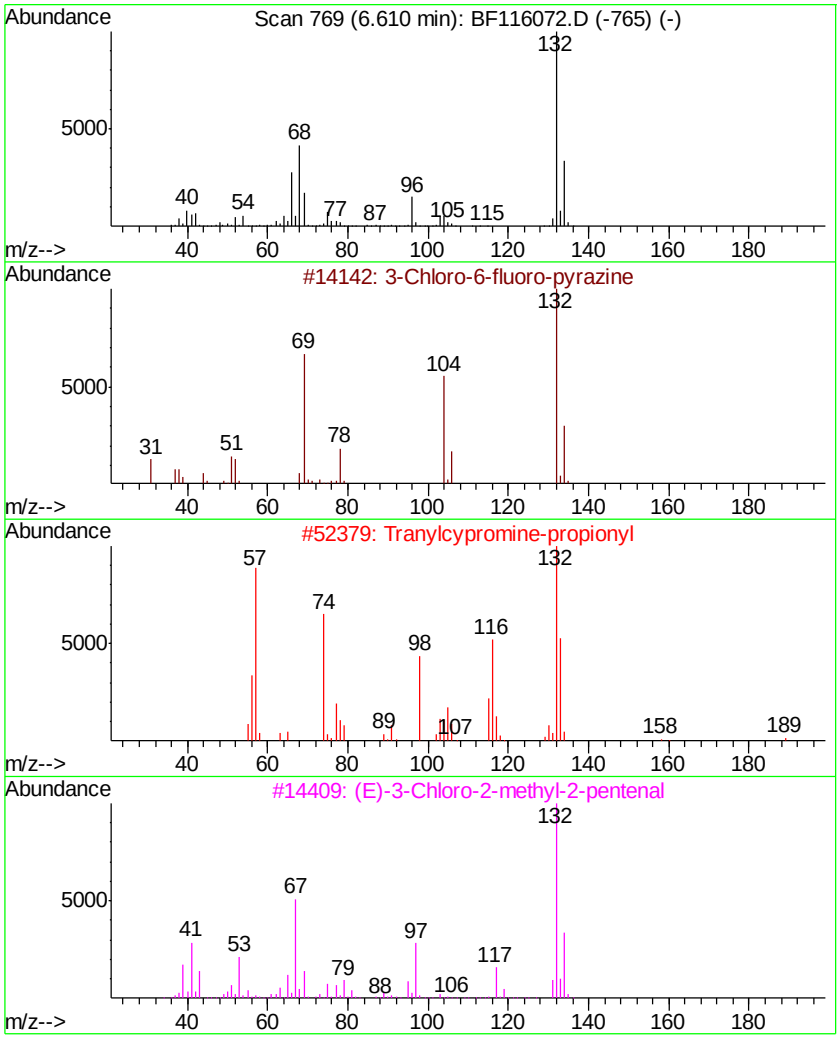
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

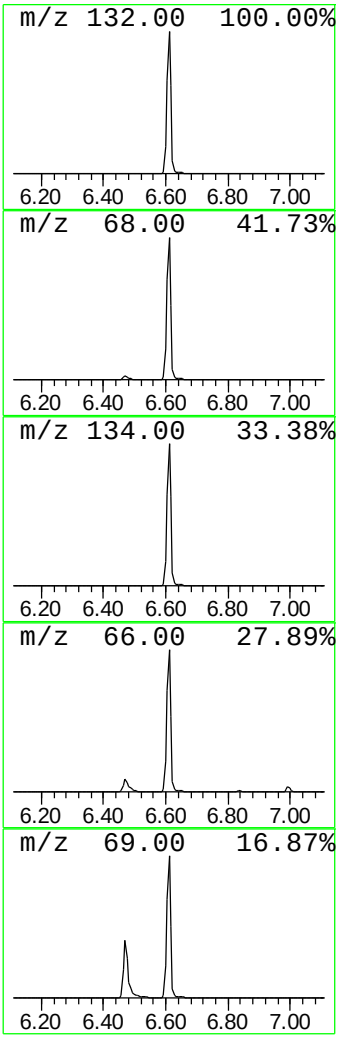
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	80.08 ng	2889010	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

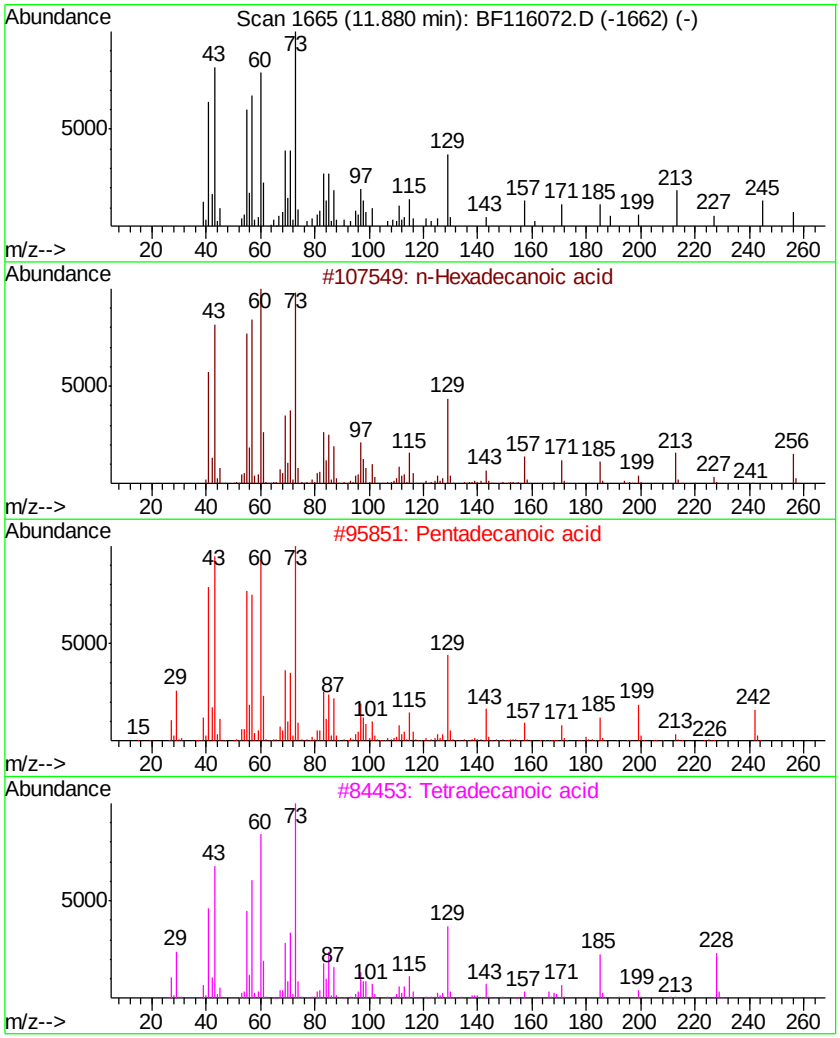
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

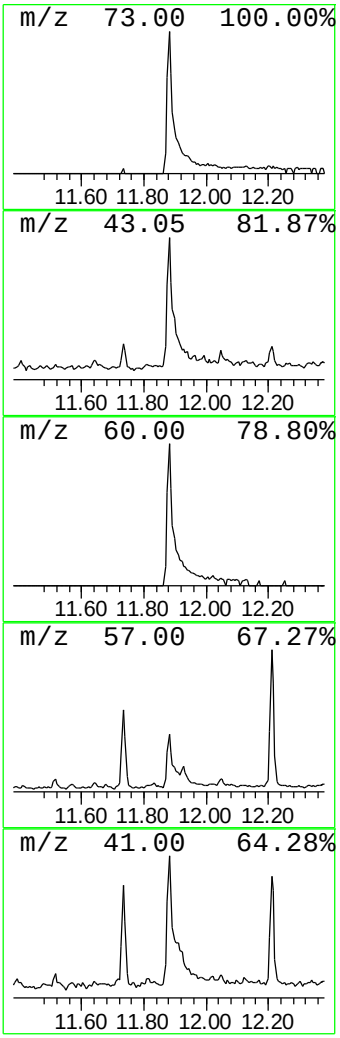
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.27 ng	138893	Phenanthrene-d10	11.36

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	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

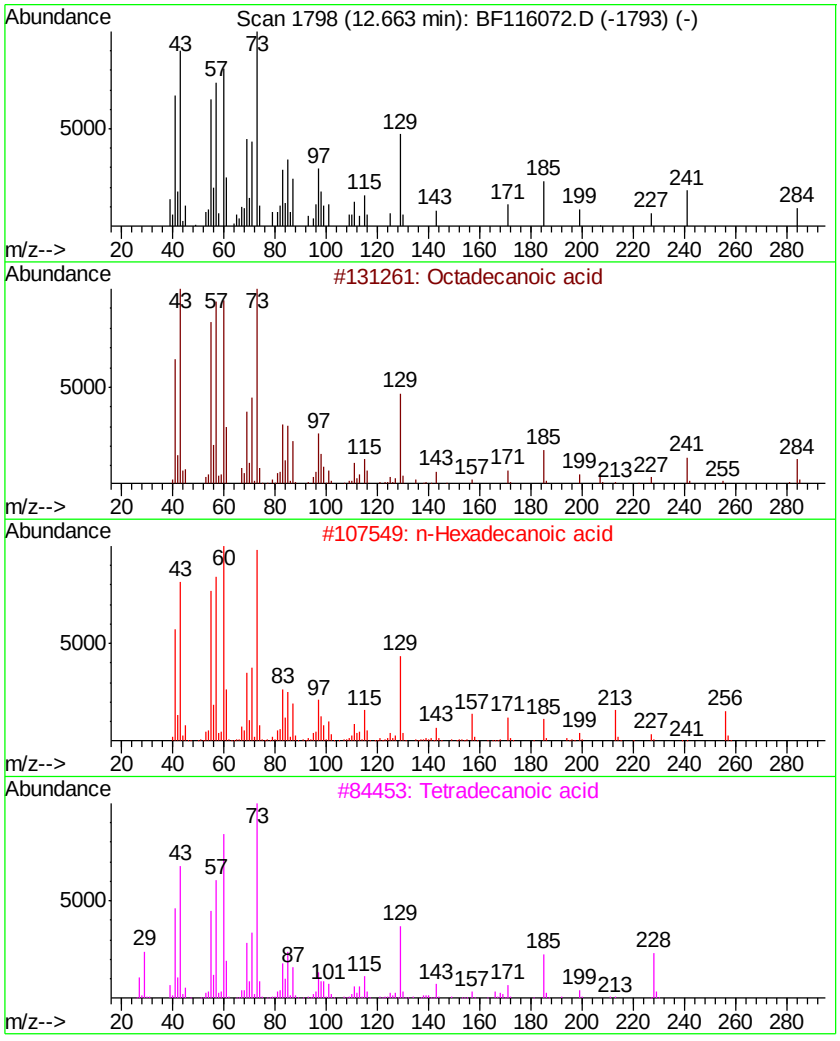
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

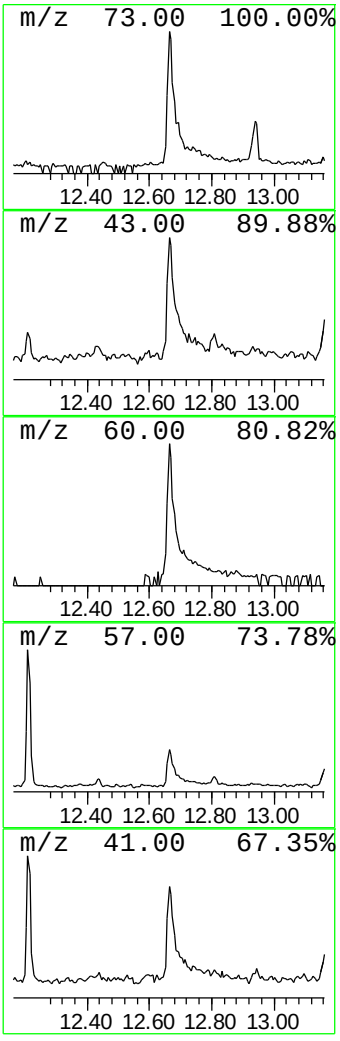
****

Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.04 ng	125005	Phenanthrene-d10	11.36

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

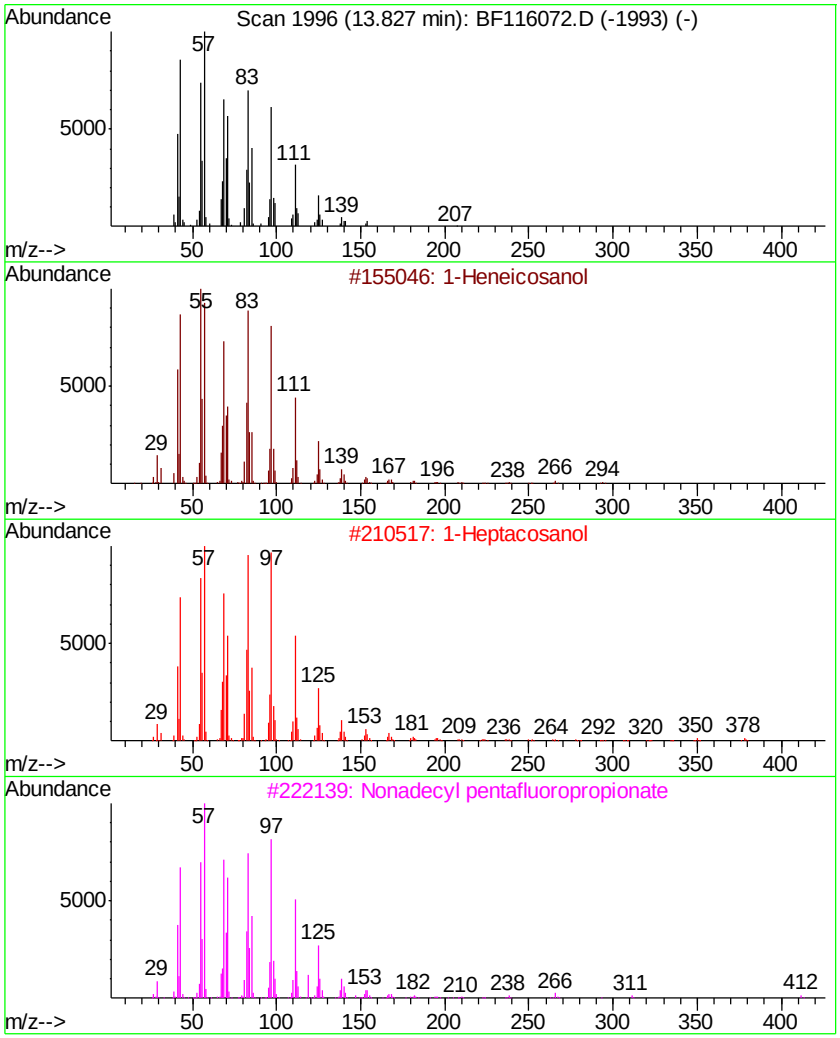
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

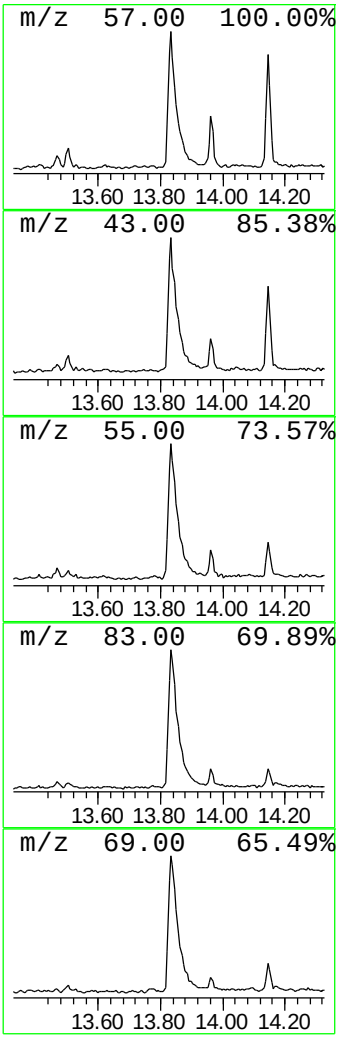
****

Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.23 ng	429859	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

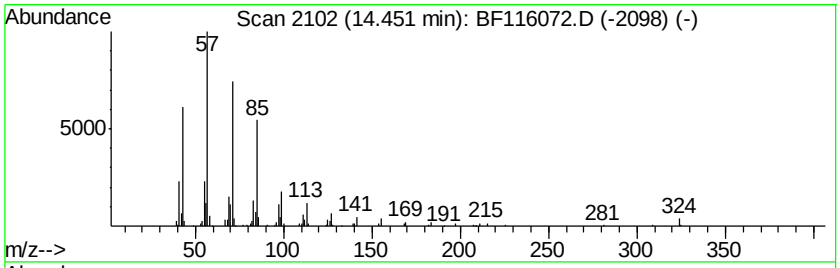
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

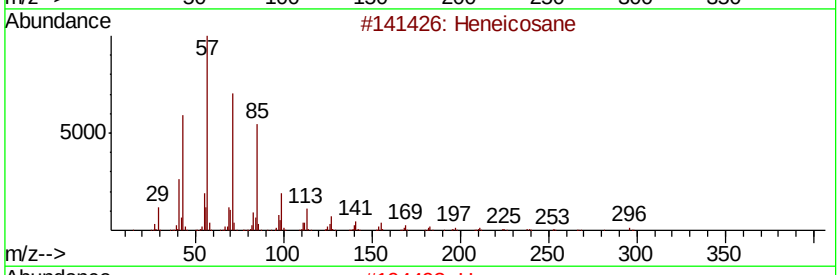
****

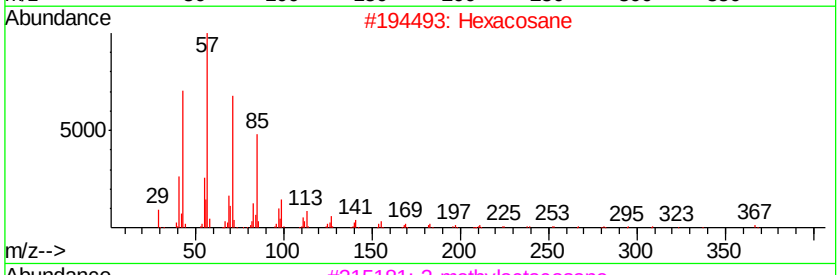
Peak Number 6 Heneicosane Concentration Rank 8

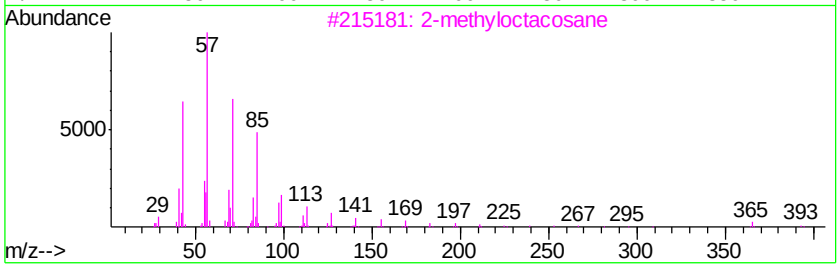
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.08 ng	183366	Chrysene-d12	14.00

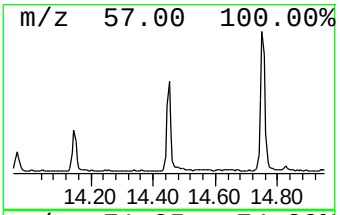
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	90

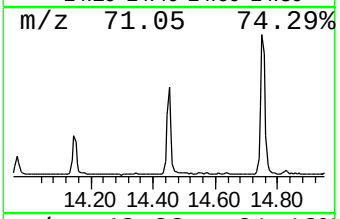


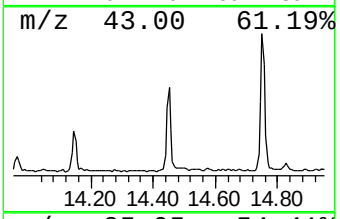


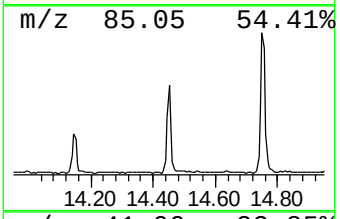


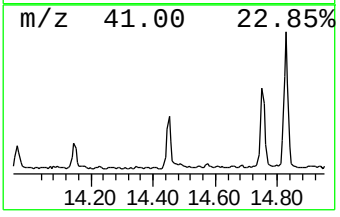












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

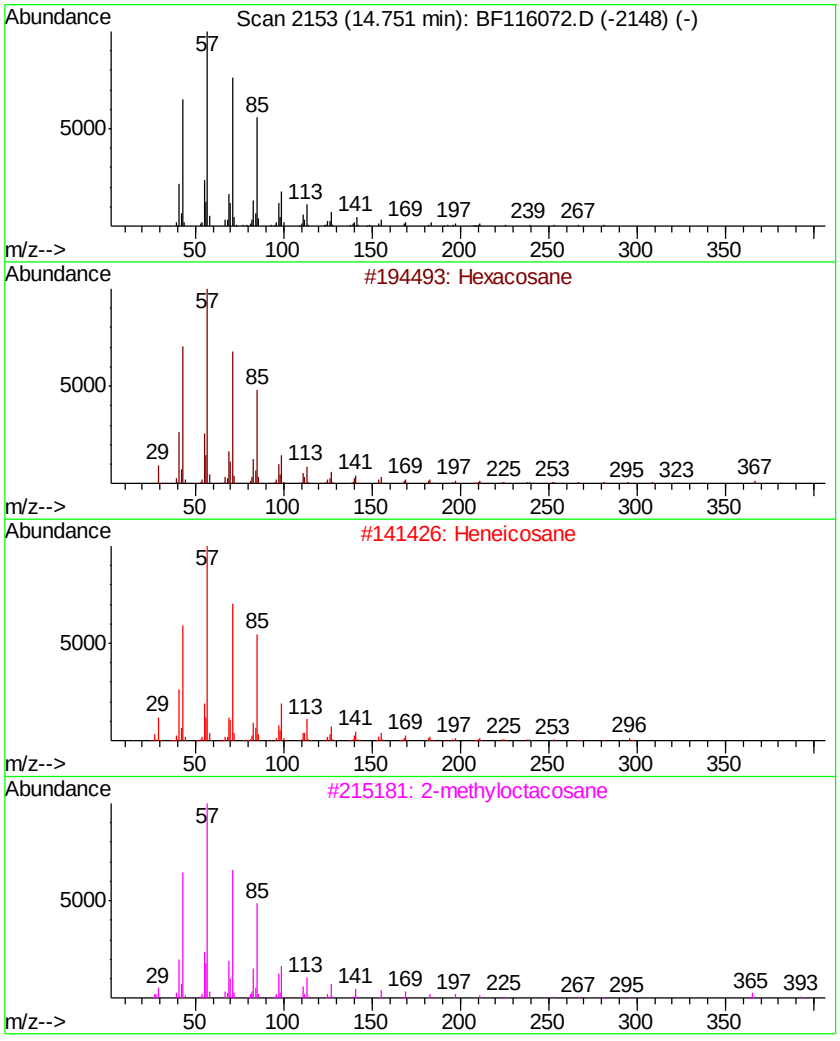
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

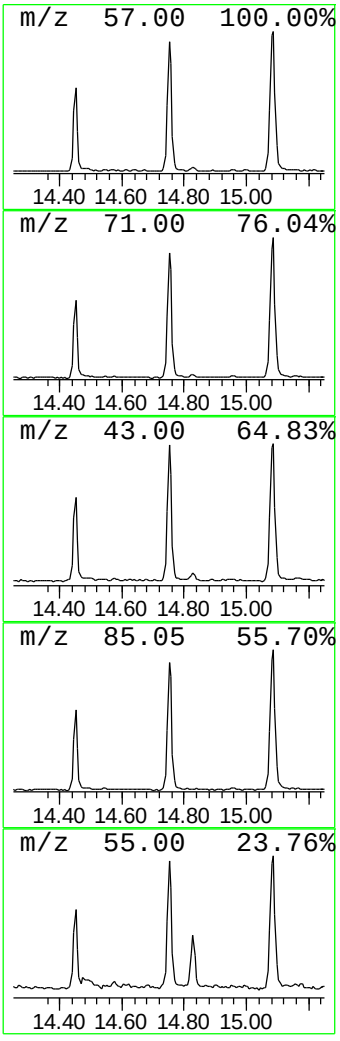
****

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	4.80 ng	317853	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

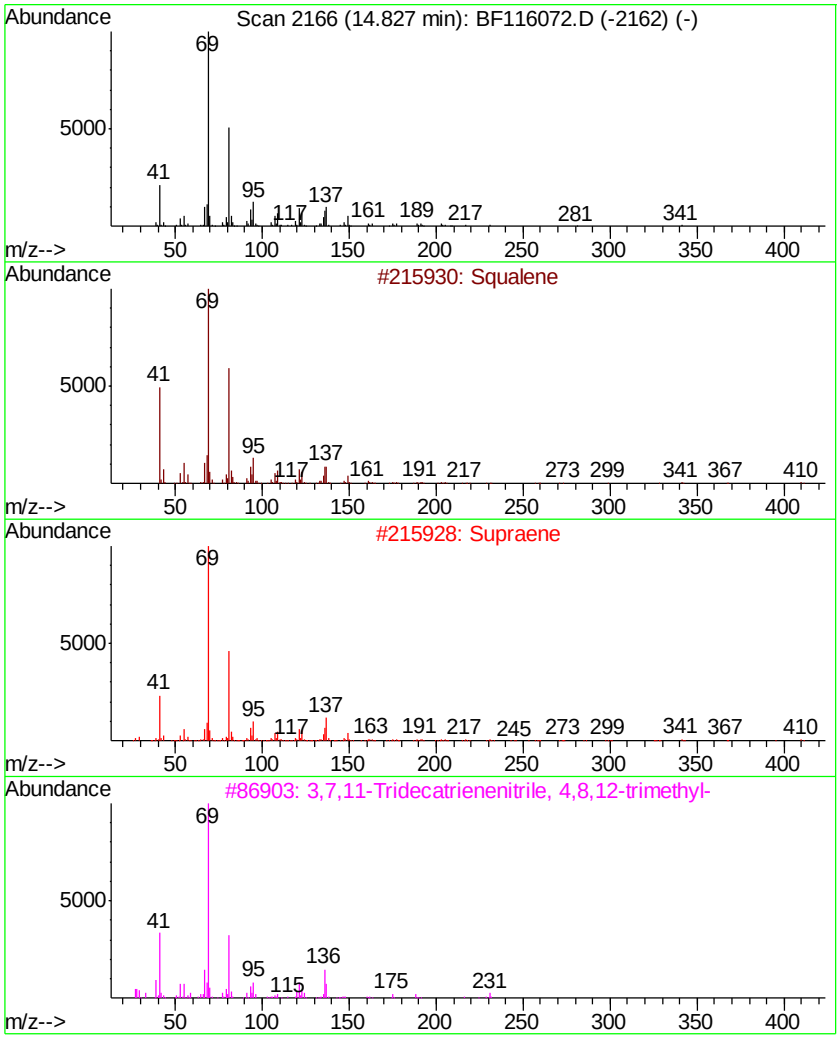
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

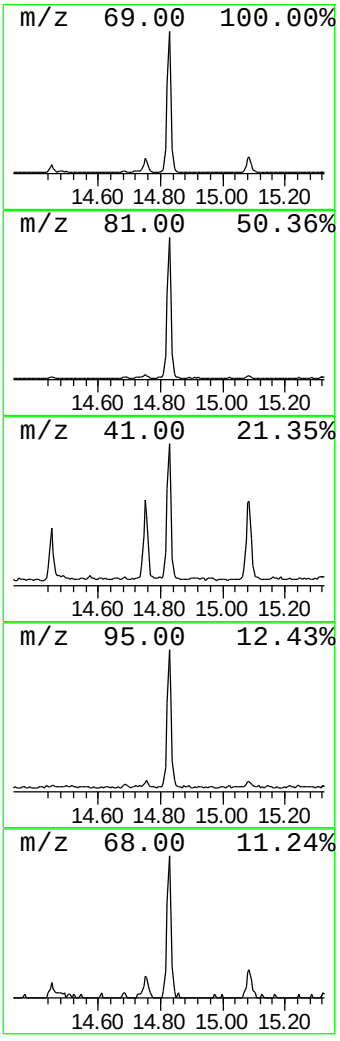
****

Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.13 ng	339721	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	78
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

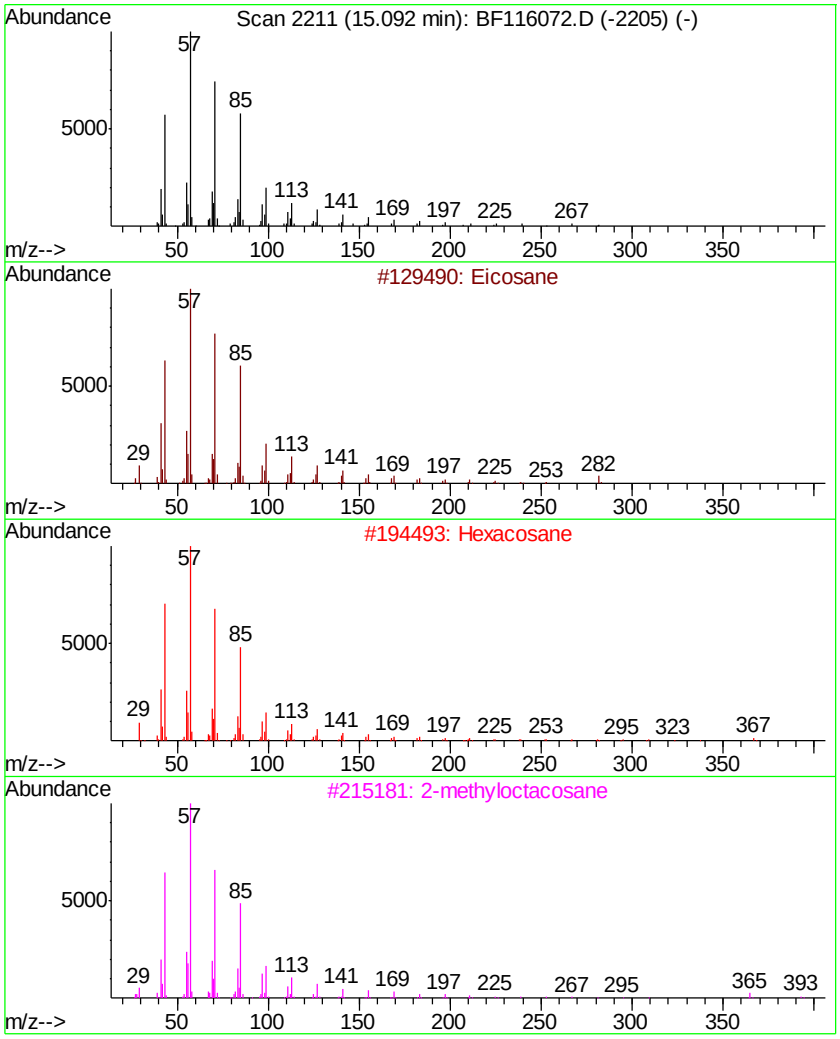
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

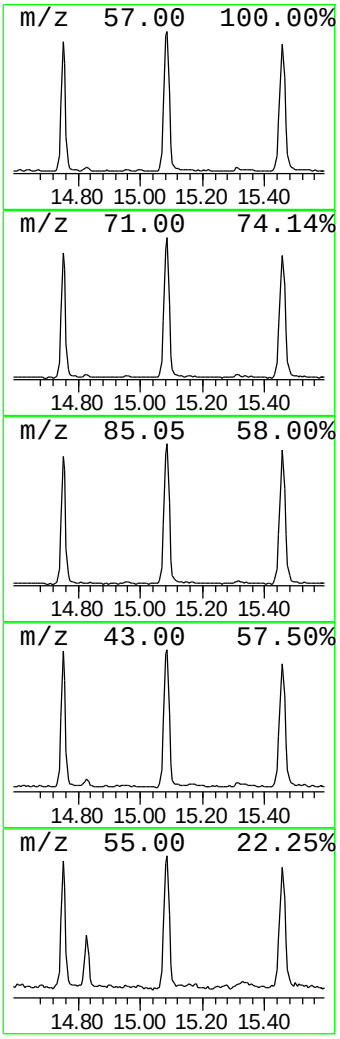
****

Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.96 ng	394198	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

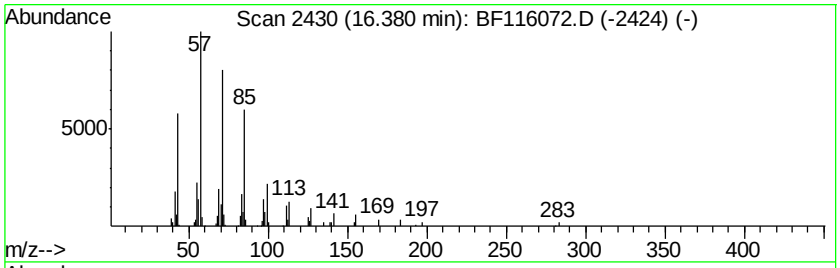
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

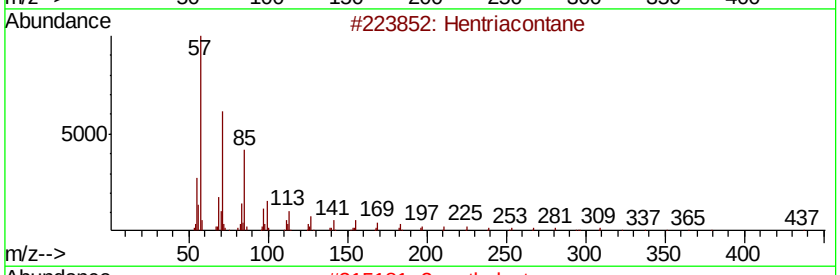
****

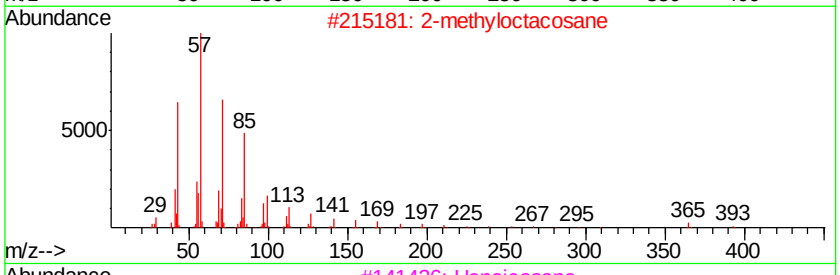
Peak Number 11 Hentriacontane Concentration Rank 9

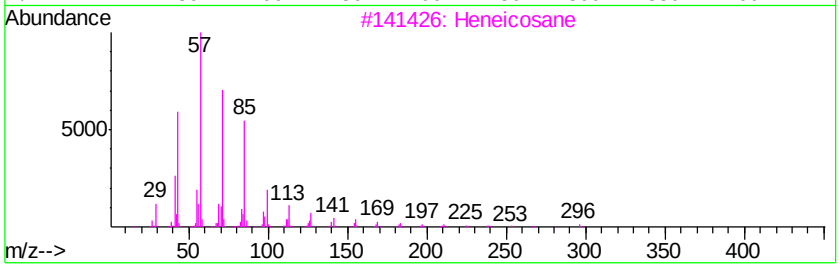
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.84 ng	187963	Perylene-d12	15.46

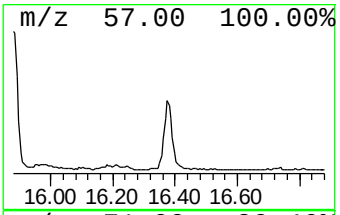
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91

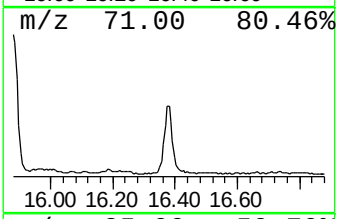


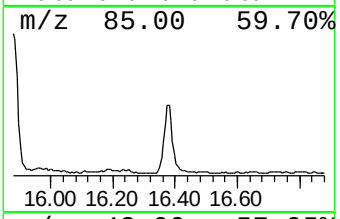


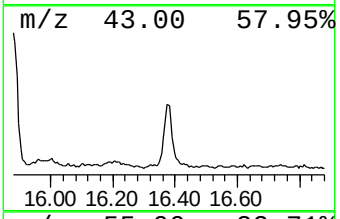


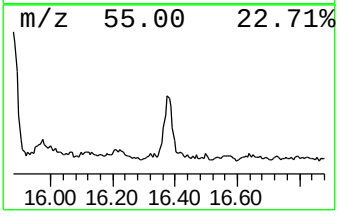












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080819\
Data File : BF116072.D
Acq On : 8 Aug 2019 16:40
Operator : HP/JU
Sample : K4148-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-4-ELU-20190613

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.61	6.61	80.1	ng	2889010	1	6.84	721489	20.0
n-Hexadecanoic acid	11.88	2.3	ng	138893	4	11.36	1223250	20.0
Octadecanoic acid	12.66	2.0	ng	125005	4	11.36	1223250	20.0
1-Heneicosanol	13.83	7.2	ng	429859	5	14.00	1189080	20.0
Heneicosane	14.45	3.1	ng	183366	5	14.00	1189080	20.0
Hexacosane	14.75	4.8	ng	317853	6	15.46	1323390	20.0
Squalene	14.83	5.1	ng	339721	6	15.46	1323390	20.0
Eicosane	15.09	6.0	ng	394198	6	15.46	1323390	20.0
Hentriacontane	16.38	2.8	ng	187963	6	15.46	1323390	20.0