LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

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-BF012020.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	2.152	3	11	18	rVB	1111210	1539792	24.59%	3.045%
2	5.487	573	578	581	rBV	5179876	5046597	80.59%	9.981%
3	6.492	743	749	754	rBV	4828228	5280491	84.33%	10.444%
4	6.863	808	812	816	rBV	1796227	1438851	22.98%	2.846%
5	7.022	835	839	842	rBV	5132532	4394296	70.18%	8.691%
6	7.422	902	907	910	rBV	3606839	3296336	52.64%	6.519%
7	8.145	1026	1030	1033	rBV	2271918	1846265	29.48%	3.651%
8	9.222	1208	1213	1216	rBV	7028425	6261870	100.00%	12.384%
9	9.610	1275	1279	1282	rBV	1182391	963252	15.38%	1.905%
10	9.898	1324	1328	1331	rBV	2564675	2138173	34.15%	4.229%
11	9.927	1331	1333	1339	rVB	83240	74275	1.19%	0.147%
12	10.686	1457	1462	1465	rBV	4140903	3817605	60.97%	7.550%
13	11.380	1576	1580	1583	rBV	2257522	1967938	31.43%	3.892%
14	11.451	1587	1592	1596	rVB3	82357	94998	1.52%	0.188%
15	11.604	1615	1618	1625	rBV	69319	83685	1.34%	0.166%
16	11.910	1666	1670	1676	rBV	370298	391771	6.26%	0.775%
17	12.163	1710	1713	1720	rBV2	79021	80389	1.28%	0.159%
18	12.592	1782	1786	1789	rBV	192448	187186	2.99%	0.370%
19	12.692	1799	1803	1810	rBV2	92743	129695	2.07%	0.257%
20	12.821	1820	1825	1827	rBV	128737	141502	2.26%	0.280%
21	12.963	1845	1849	1853	rBV	5859446	5251766	83.87%	10.387%
22	13.857	1997	2001	2010	rBV	660519	726898	11.61%	1.438%
23	14.015	2022	2028	2031	rBV	1730305	1676291	26.77%	3.315%
24	14.180	2053	2056	2062	rVB	134730	123024	1.96%	0.243%
25	14.486	2105	2108	2112	rBV	190556	195157	3.12%	0.386%
26	14.792	2157	2160	2164	rVB	202588	195494	3.12%	0.387%
27	14.868	2169	2173	2181	rVB	347836	365008	5.83%	0.722%
28	15.051	2201	2204	2211	rVB	59056	118441	1.89%	0.234%
29	15.133	2214	2218	2226	rVV2	214624	271656	4.34%	0.537%
30	15.480	2271	2277	2280	rBV	1373996	1723412	27.52%	3.408%
31	15.509	2280	2282	2290	rVB	205607	282062	4.50%	0.558%
32	15.951	2352	2357	2361	rBV	143178	208480	3.33%	0.412%
33	15.998	2362	2365	2373	rVV4	52879	98978	1.58%	0.196%
34	16.456	2438	2443	2450	rBV	78079	150647	2.41%	0.298%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 50562281

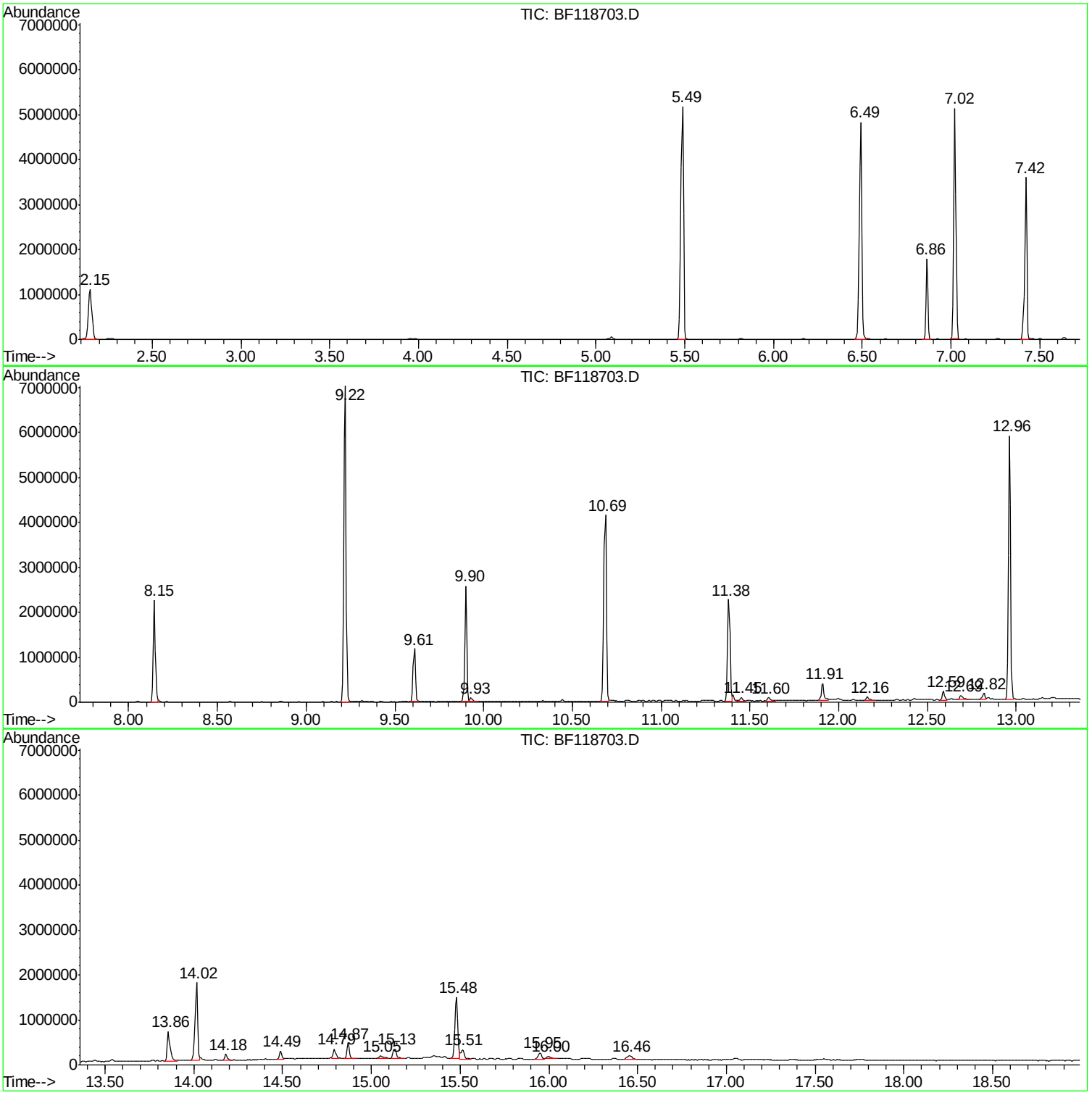
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

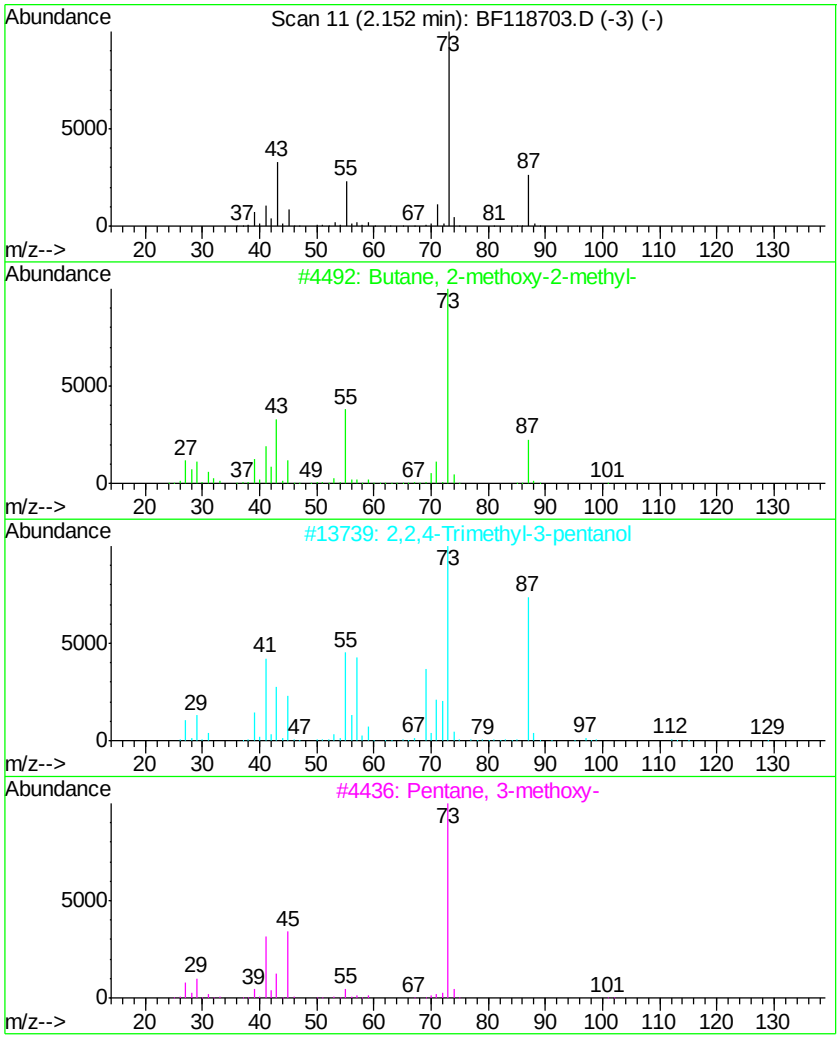
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

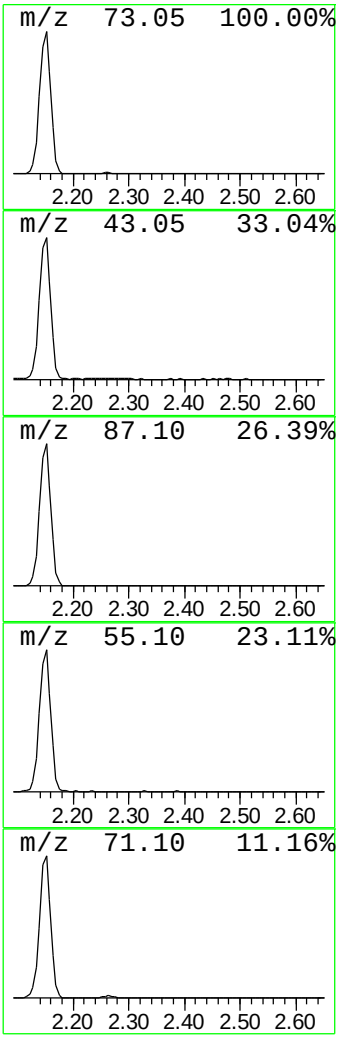
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	21.40 ng	1539790	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

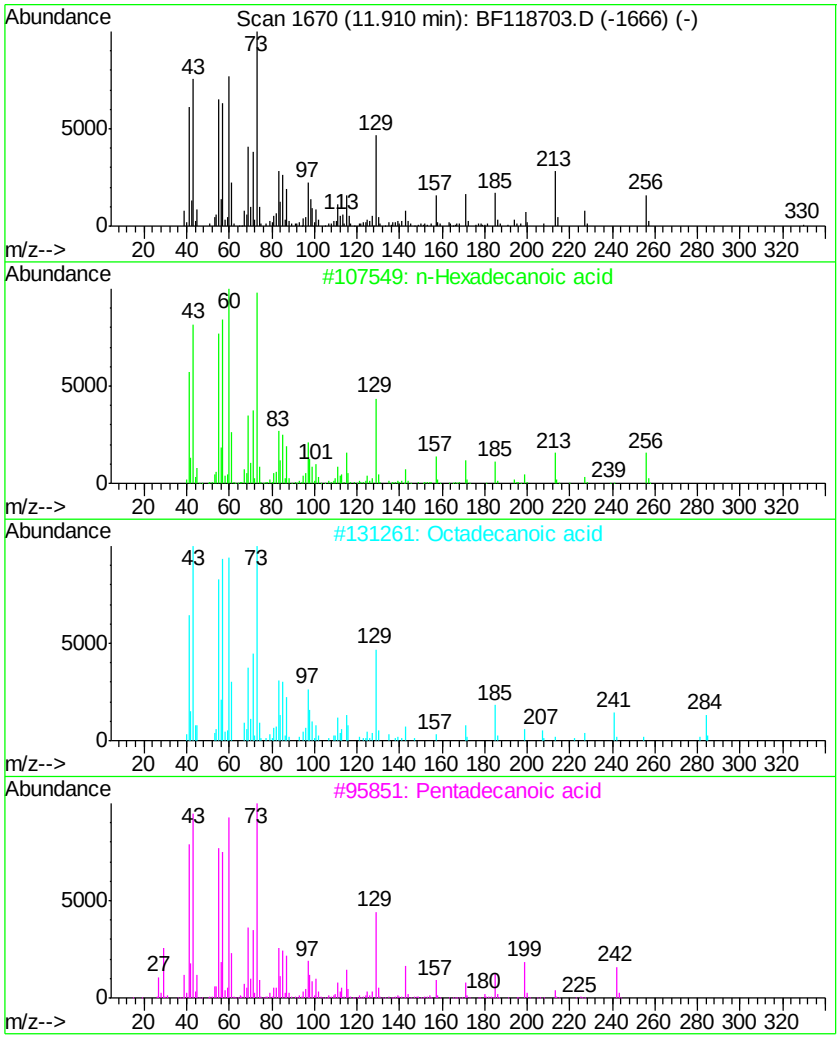
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

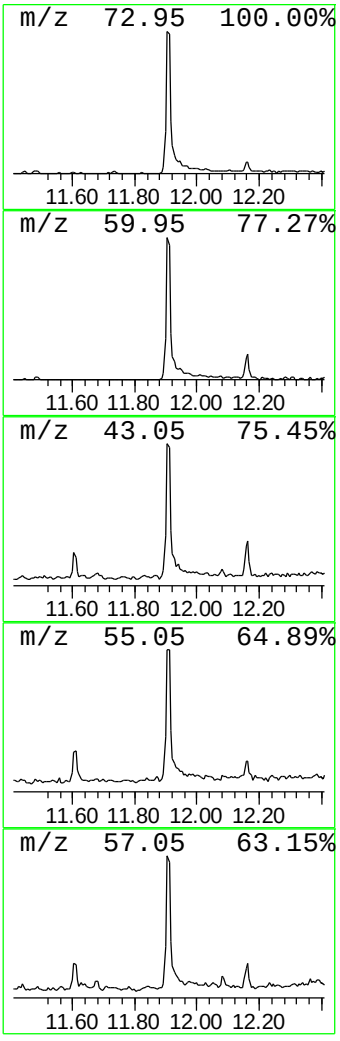
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.98 ng	391771	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

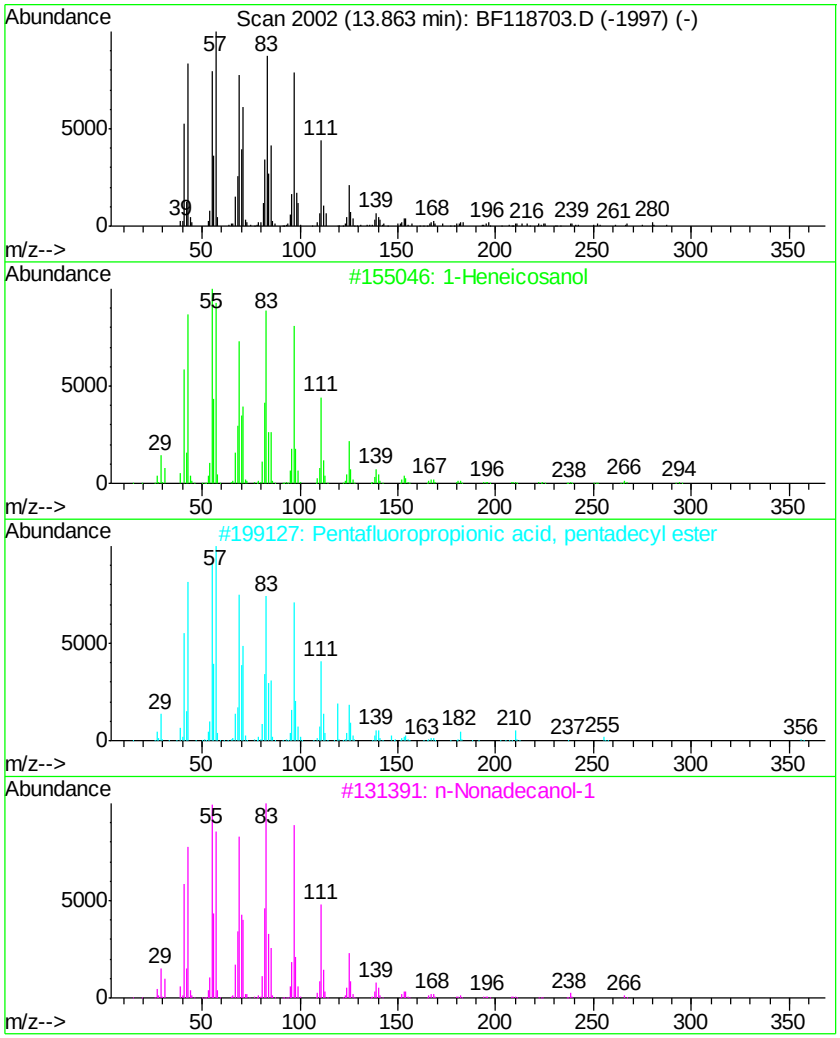
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

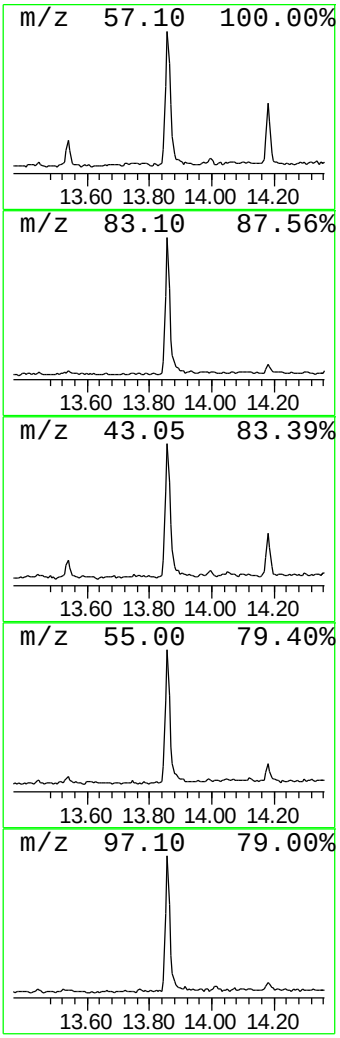
****

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.67 ng	726898	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

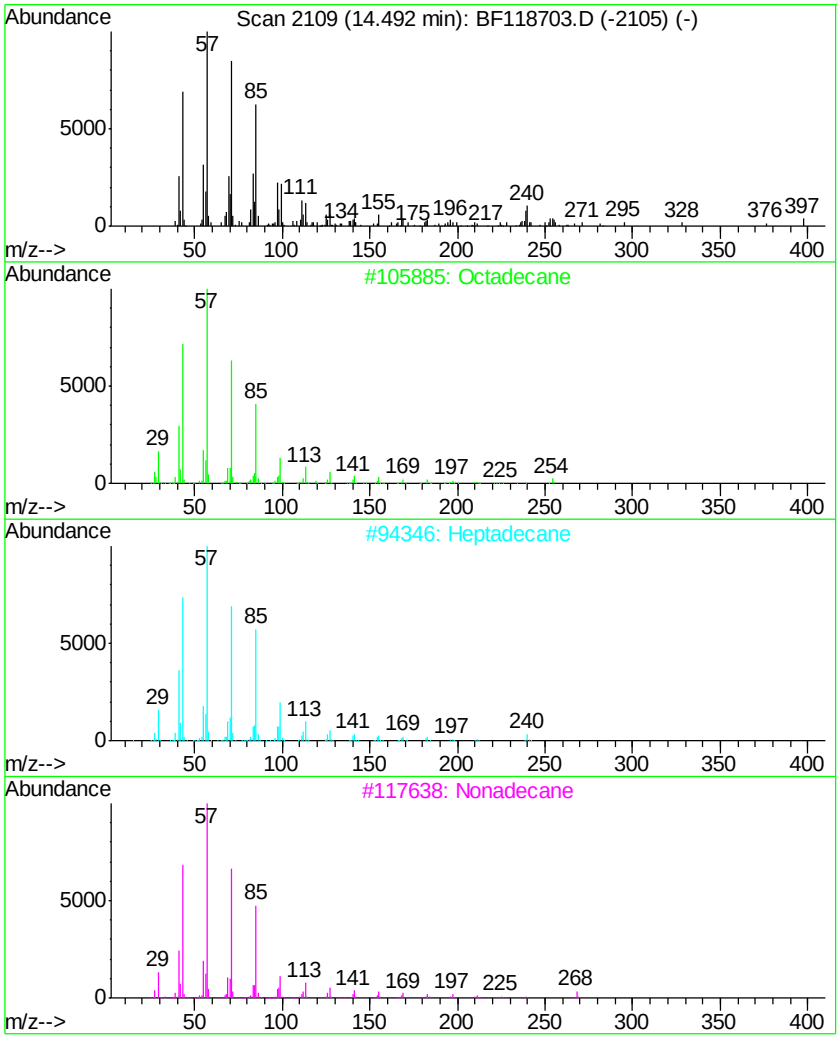
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

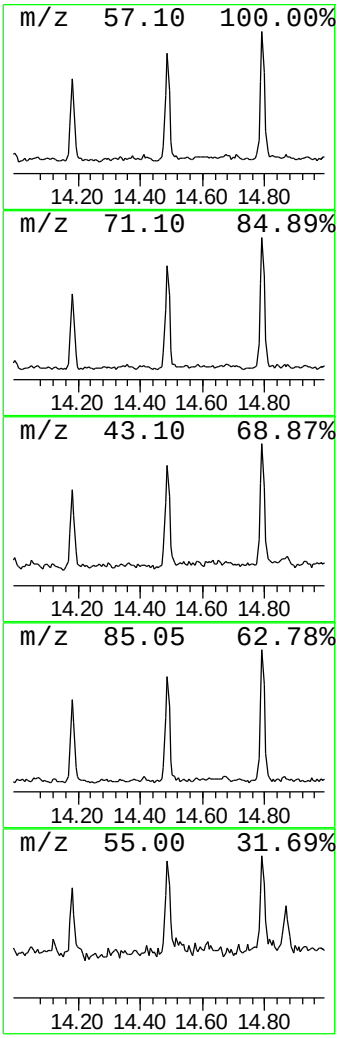
****

Peak Number 5 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.33 ng	195157	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Hexadecane	226	C16H34	000544-76-3	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

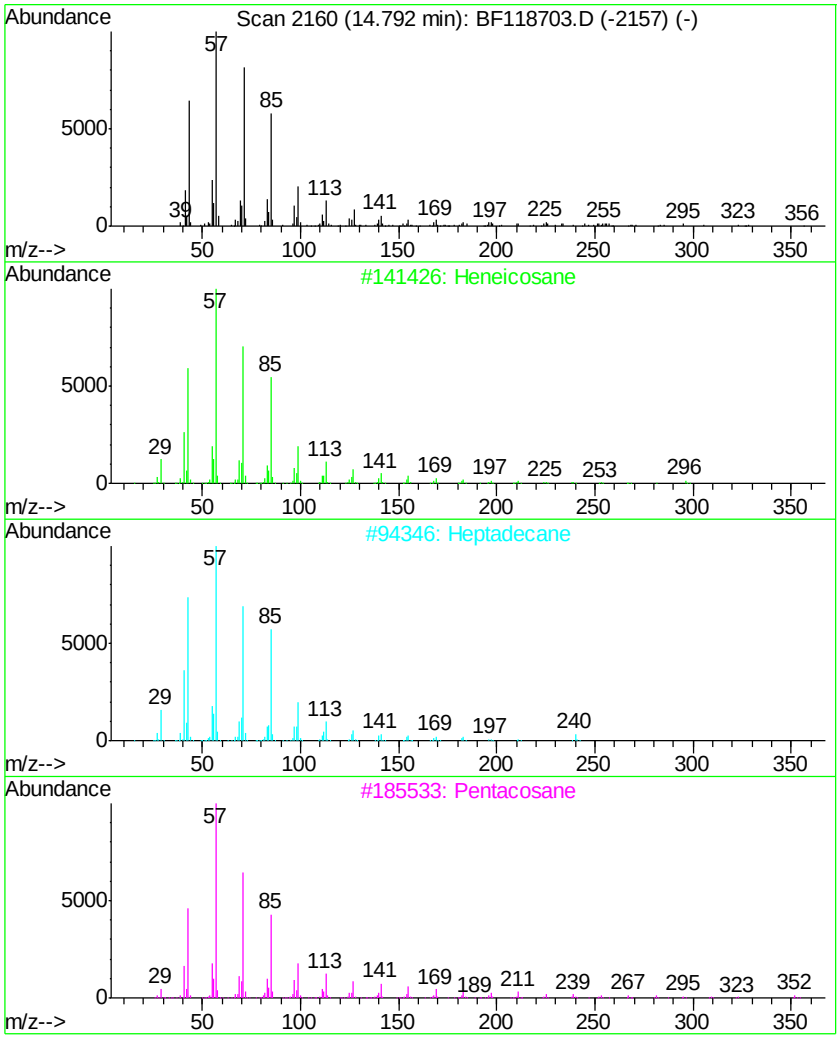
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

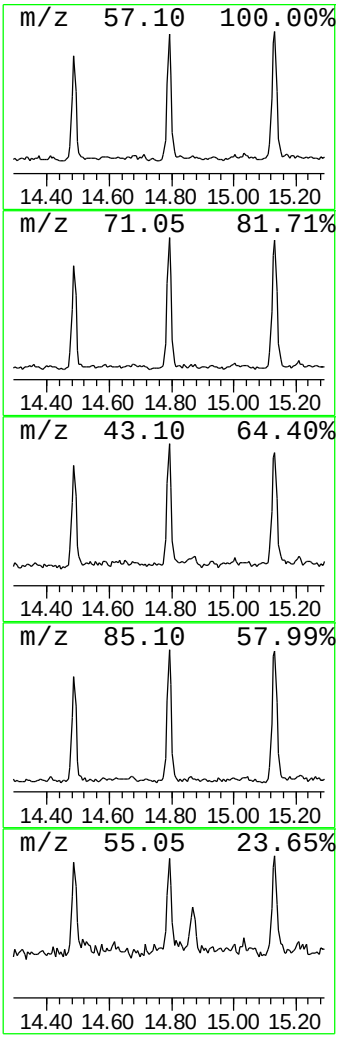
****

Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.27 ng	195494	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

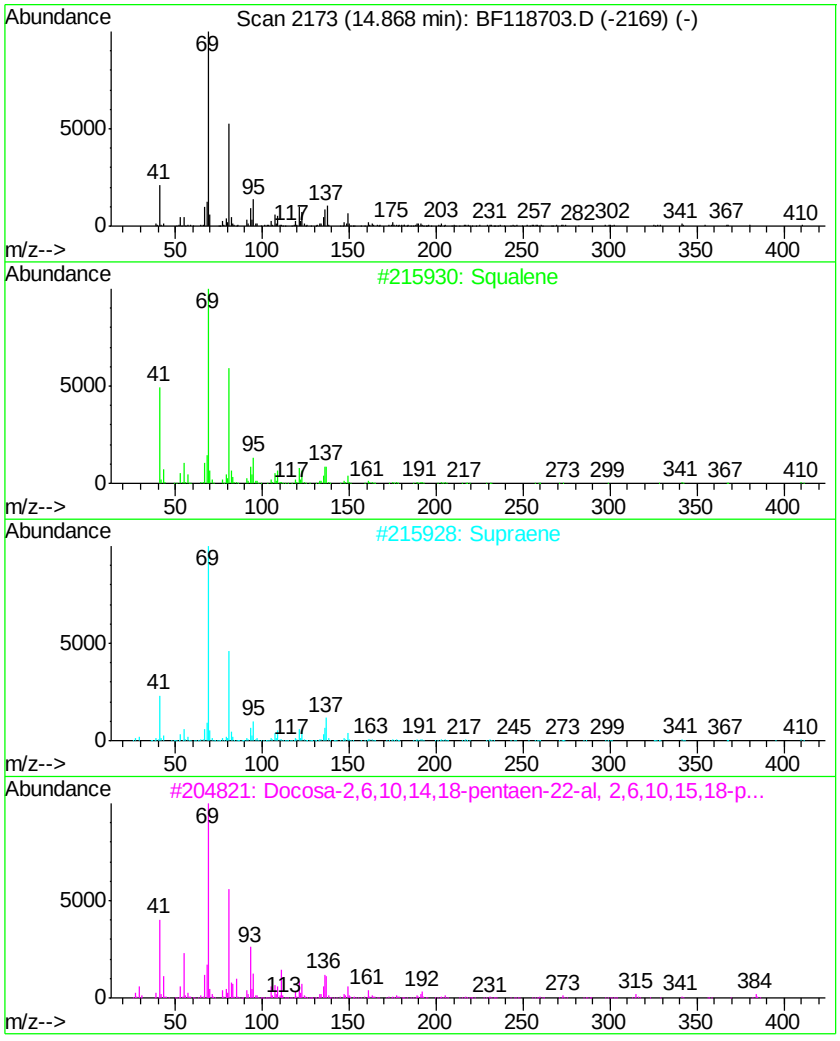
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

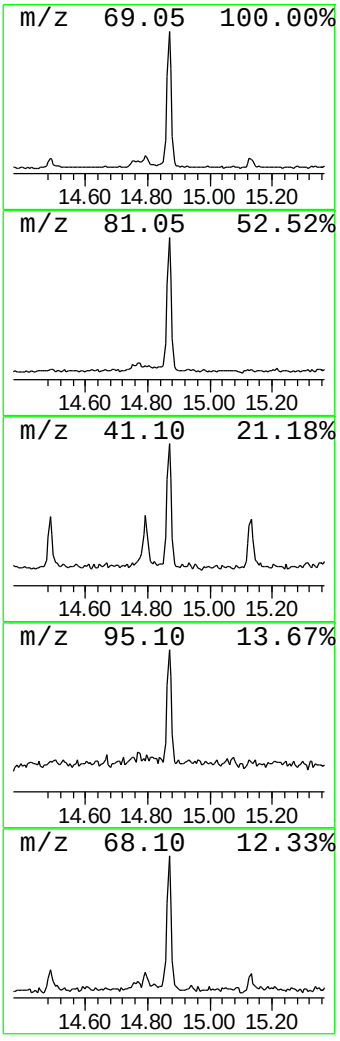
****

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.24 ng	365008	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	98
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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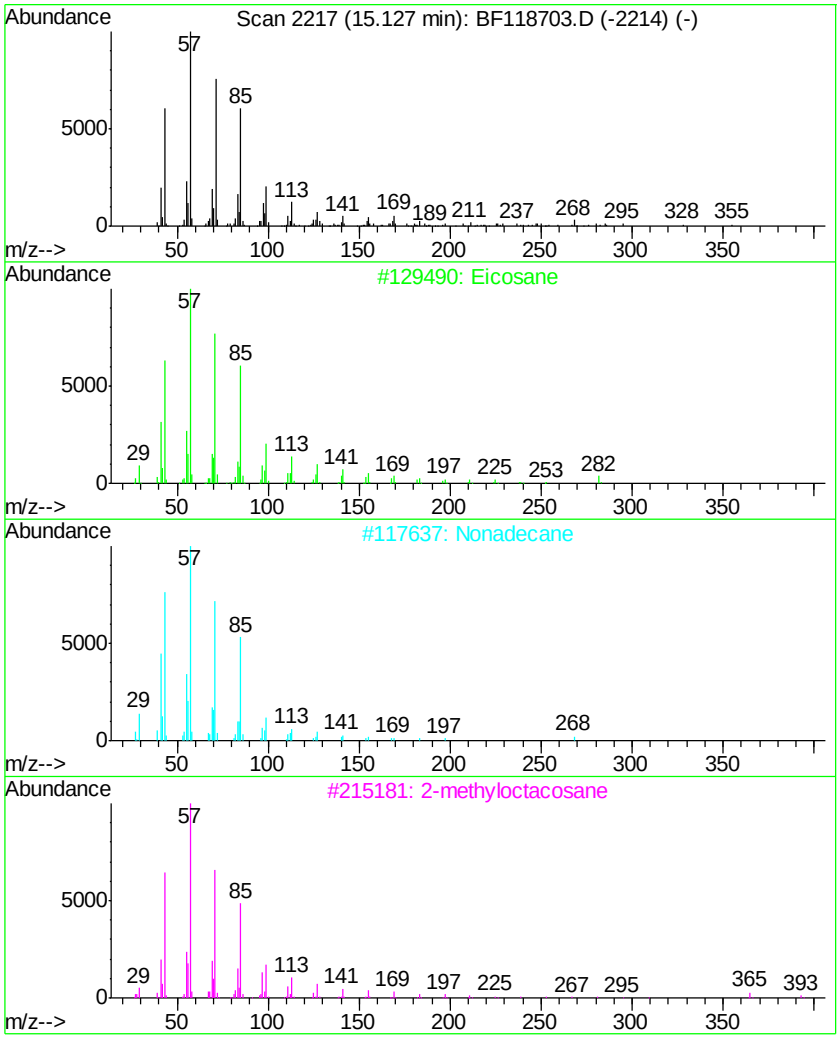
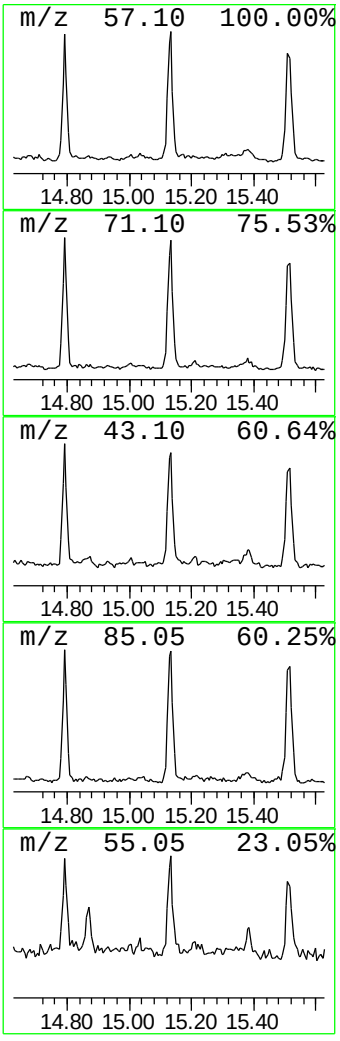
Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.15 ng	271656	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

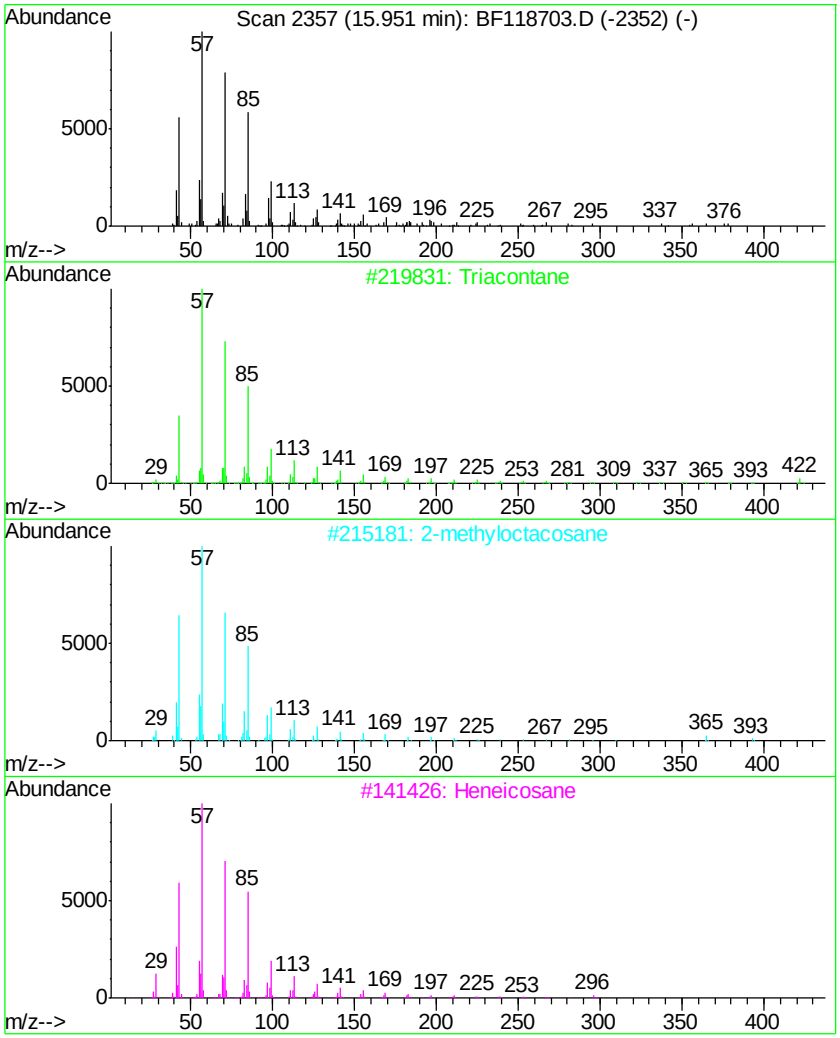
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

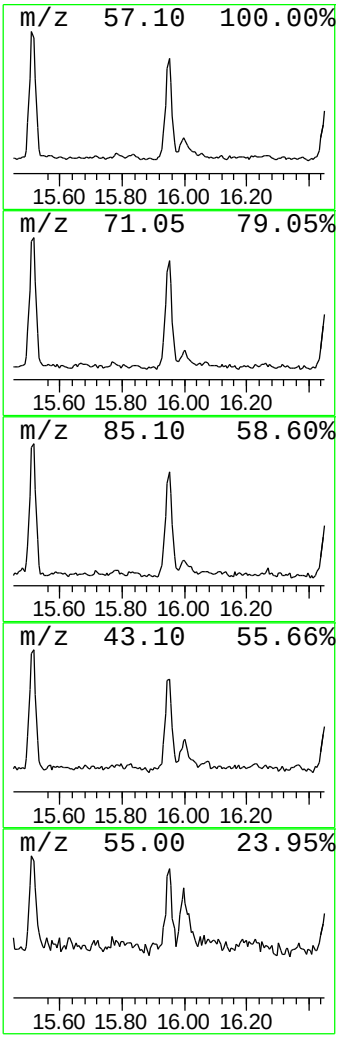
****

Peak Number 9 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.42 ng	208480	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
Data File : BF118703.D
Acq On : 24 Jan 2020 23:27
Operator : CG/JU
Sample : L1242-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200061-COMPOSITE-B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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	21.4	ng	1539790	1	6.86	1438850	20.0
n-Hexadecanoic acid	11.91	4.0	ng	391771	4	11.38	1967940	20.0
1-Heneicosanol	13.86	8.7	ng	726898	5	14.02	1676290	20.0
Octadecane	14.49	2.3	ng	195157	5	14.02	1676290	20.0
Heneicosane	14.79	2.3	ng	195494	6	15.48	1723410	20.0
Squalene	14.87	4.2	ng	365008	6	15.48	1723410	20.0
Eicosane	15.13	3.1	ng	271656	6	15.48	1723410	20.0
Triacontane	15.95	2.4	ng	208480	6	15.48	1723410	20.0