LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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	2.128	3	7	17	rVB	3155749	4300152	59.10%	8.795%
2	5.481	572	577	580	rBV	2900754	2592578	35.63%	5.303%
3	6.481	743	747	754	rBV	1921577	1975894	27.16%	4.041%
4	6.863	808	812	816	rBV	1669488	1326149	18.23%	2.712%
5	7.022	835	839	842	rBV	5688690	4863280	66.84%	9.947%
6	7.422	901	907	910	rBV	3991071	3658868	50.29%	7.483%
7	7.634	940	943	948	rBV	109149	89728	1.23%	0.184%
8	8.145	1026	1030	1033	rBV	2093364	1687908	23.20%	3.452%
9	9.222	1208	1213	1216	rBV	8009337	7276130	100.00%	14.882%
10	9.604	1275	1278	1282	rBV	302149	272486	3.74%	0.557%
11	9.898	1324	1328	1331	rBV	2366576	1934336	26.58%	3.956%
12	9.928	1331	1333	1337	rVB	131216	107023	1.47%	0.219%
13	10.686	1457	1462	1465	rBV	4335044	4163874	57.23%	8.516%
14	11.380	1576	1580	1583	rBV	2140561	1744733	23.98%	3.568%
15	11.904	1666	1669	1682	rBV2	407626	482081	6.63%	0.986%
16	12.686	1797	1802	1815	rBV2	112550	160628	2.21%	0.329%
17	12.963	1845	1849	1852	rBV	6885673	6158005	84.63%	12.595%
18	13.857	1997	2001	2013	rBV2	417569	525473	7.22%	1.075%
19	14.015	2021	2028	2031	rBV	1614319	1532712	21.06%	3.135%
20	14.180	2052	2056	2063	rVB	150091	133828	1.84%	0.274%
21	14.486	2104	2108	2115	rBV	252002	238083	3.27%	0.487%
22	14.792	2157	2160	2165	rVB	310472	299678	4.12%	0.613%
23	14.868	2169	2173	2177	rVB	259727	256745	3.53%	0.525%
24	15.127	2213	2217	2223	rBV	305072	356741	4.90%	0.730%
25	15.474	2271	2276	2280	rBV	1379199	1770381	24.33%	3.621%
26	15.510	2280	2282	2290	rVB	282175	323661	4.45%	0.662%
27	15.945	2351	2356	2361	rBV	206929	312296	4.29%	0.639%
28	16.451	2436	2442	2454	rBV3	116601	240970	3.31%	0.493%
29	17.045	2537	2543	2551	rBV2	47874	108726	1.49%	0.222%

Sum of corrected areas: 48893147

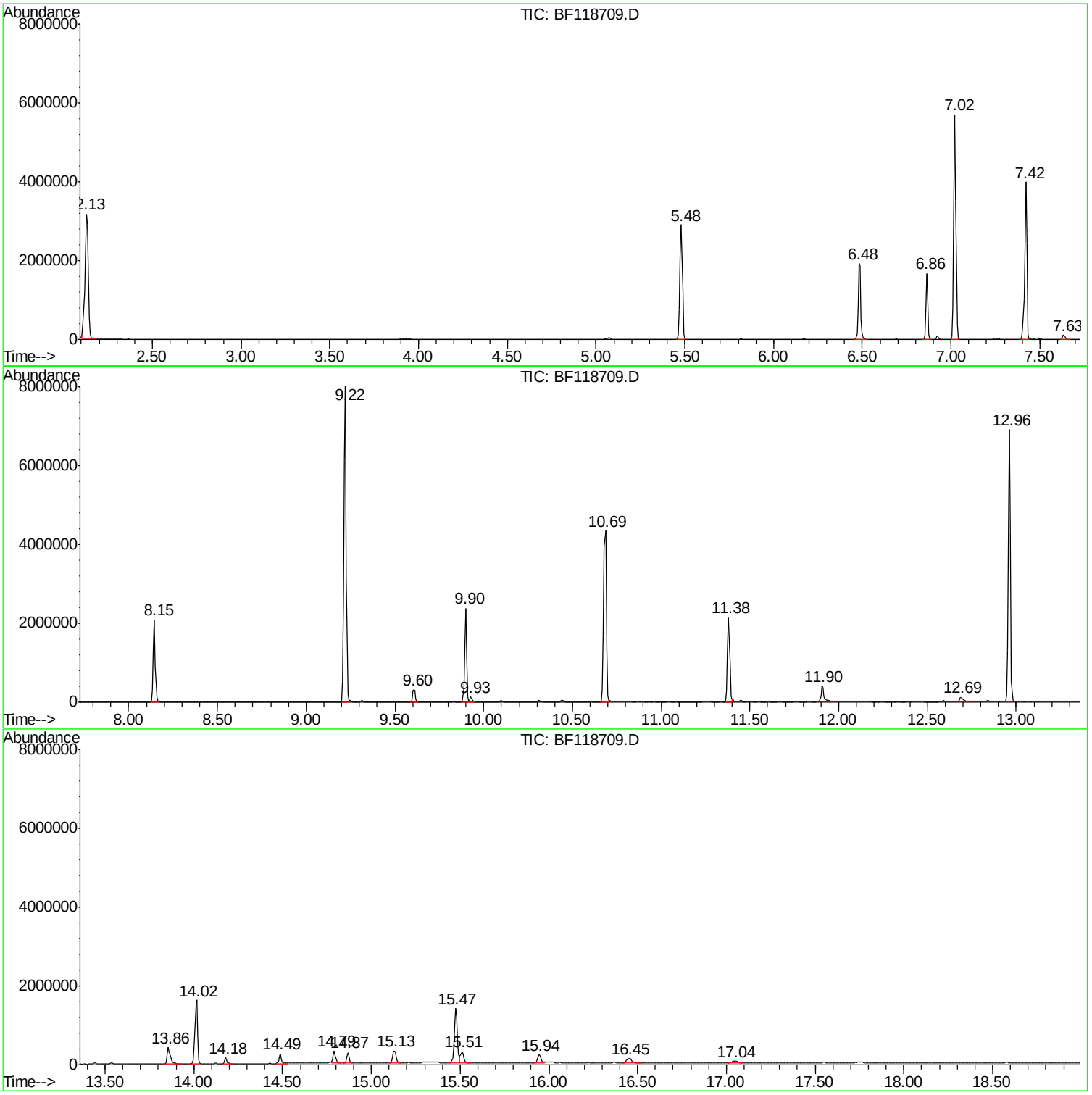
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

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 : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

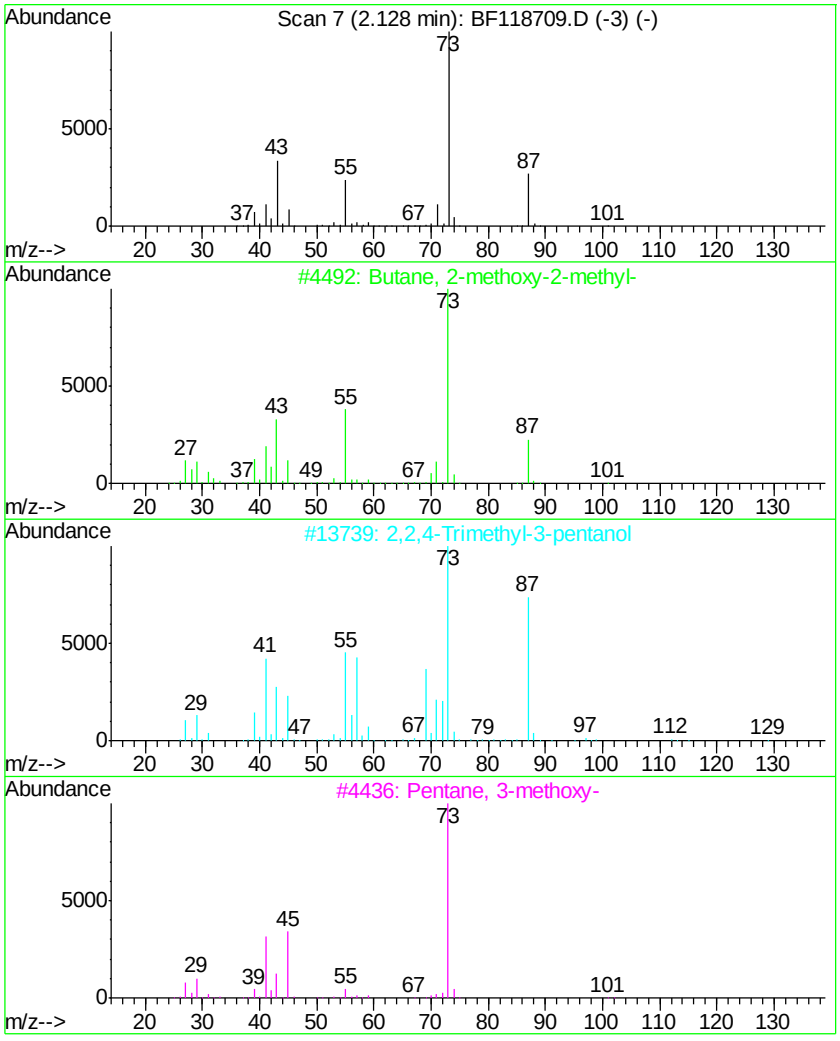
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

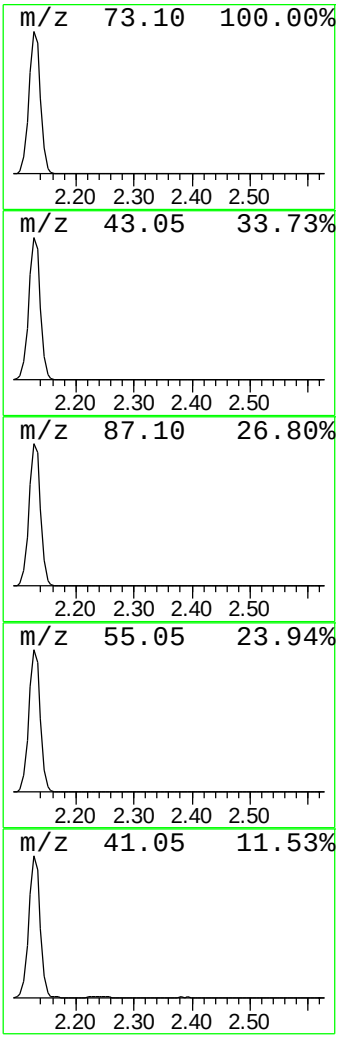
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	64.85 ng	4300150	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 : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

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

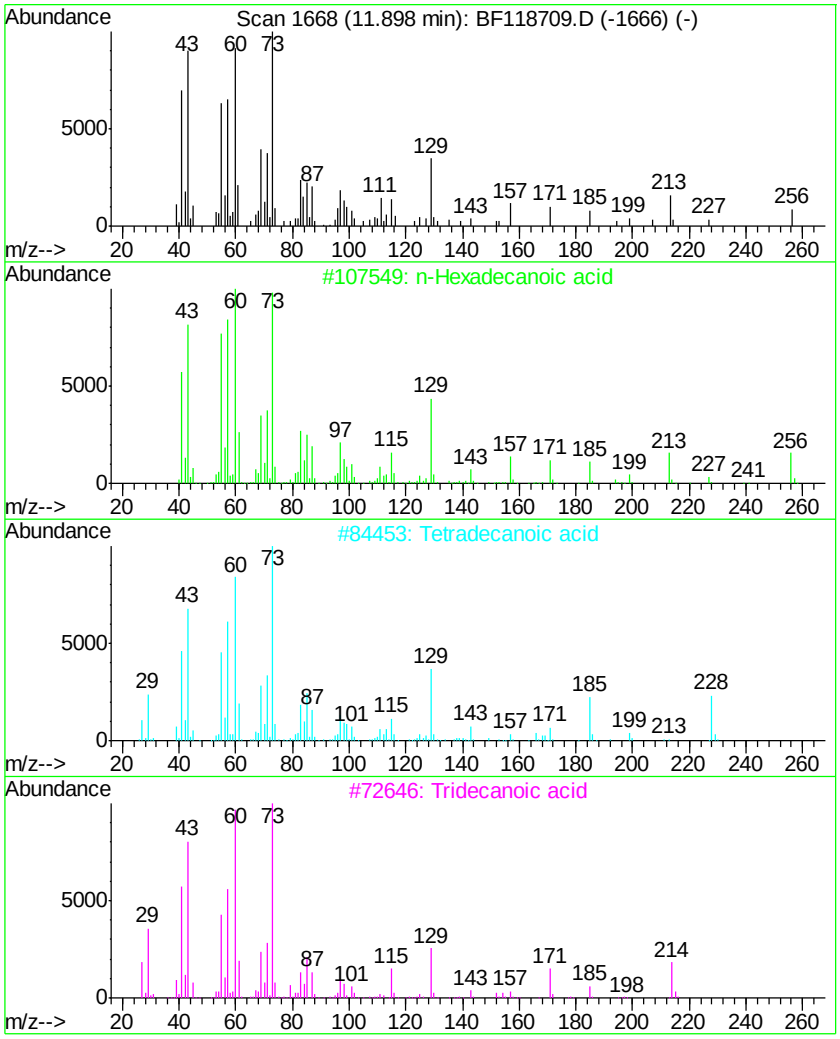
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

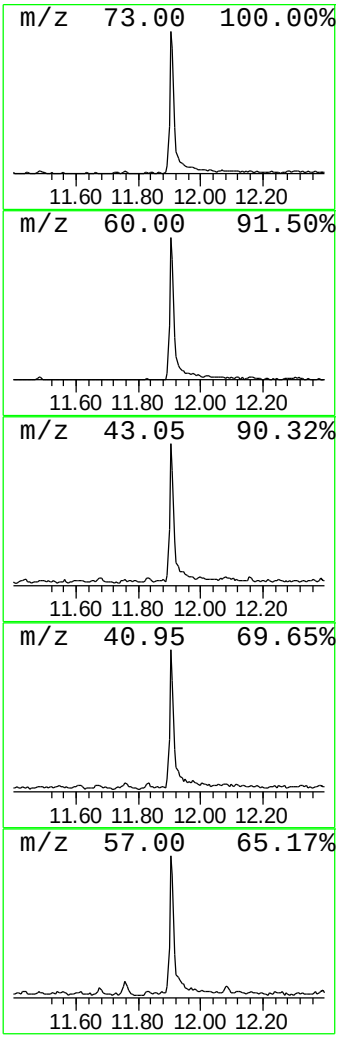
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.53 ng	482081	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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

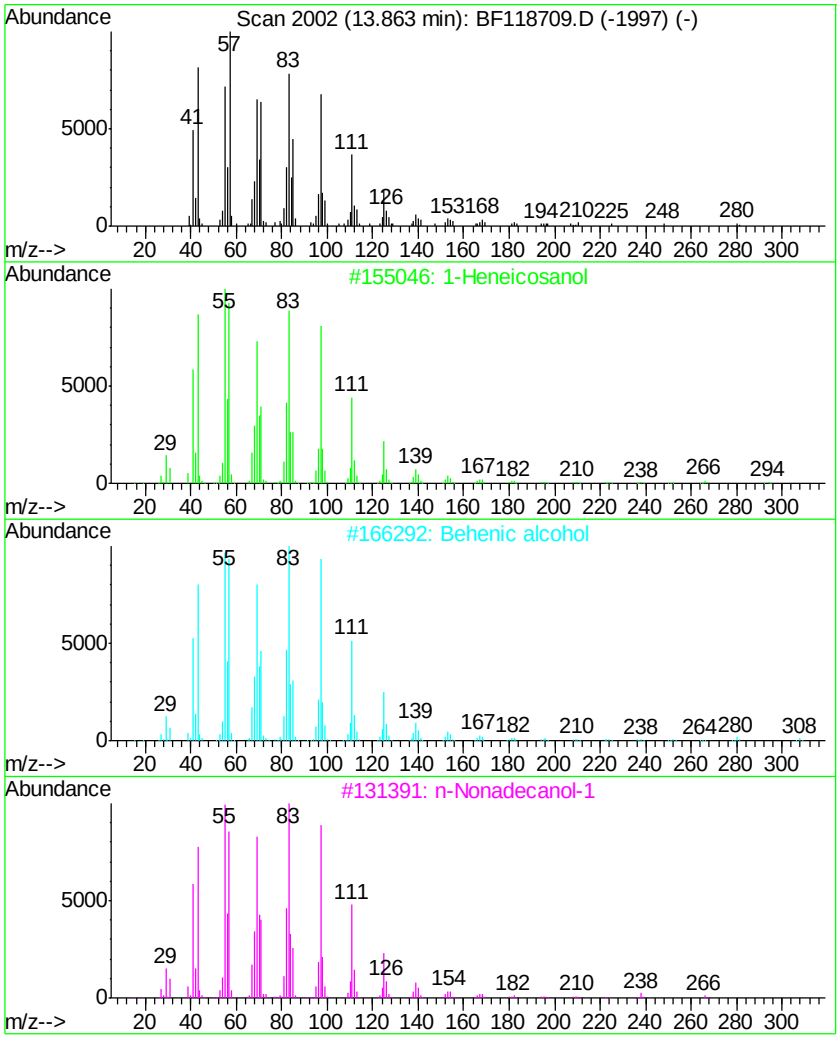
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

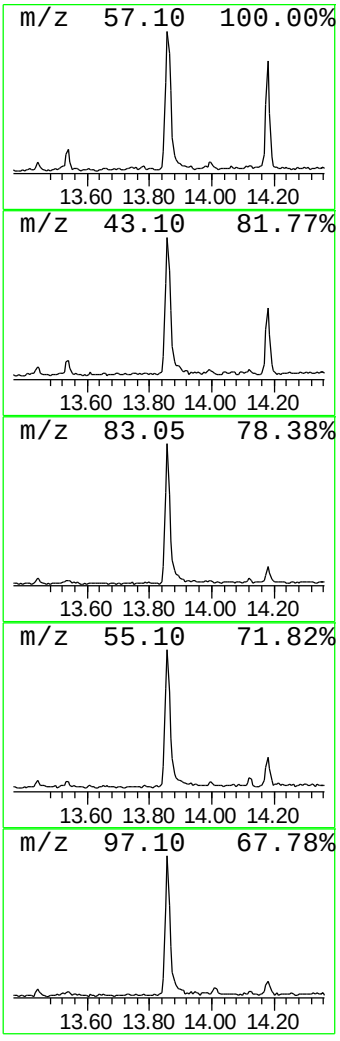
****

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.86 ng	525473	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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

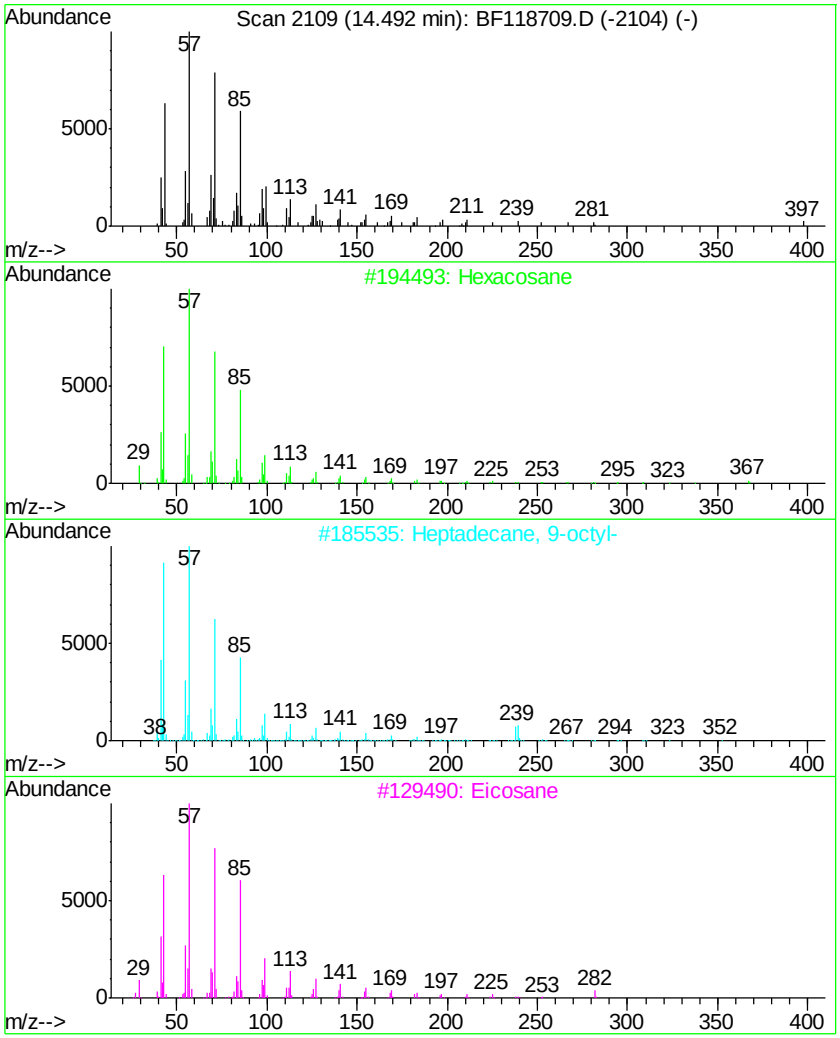
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

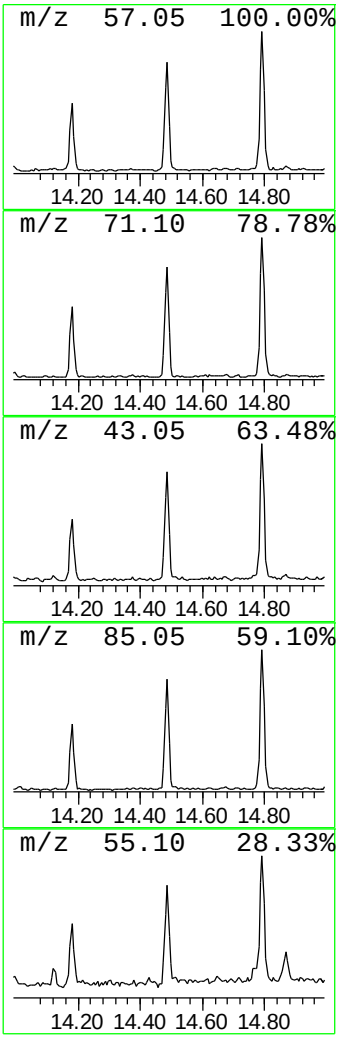
****

Peak Number 5 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.11 ng	238083	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Docosane	310	C22H46	000629-97-0	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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

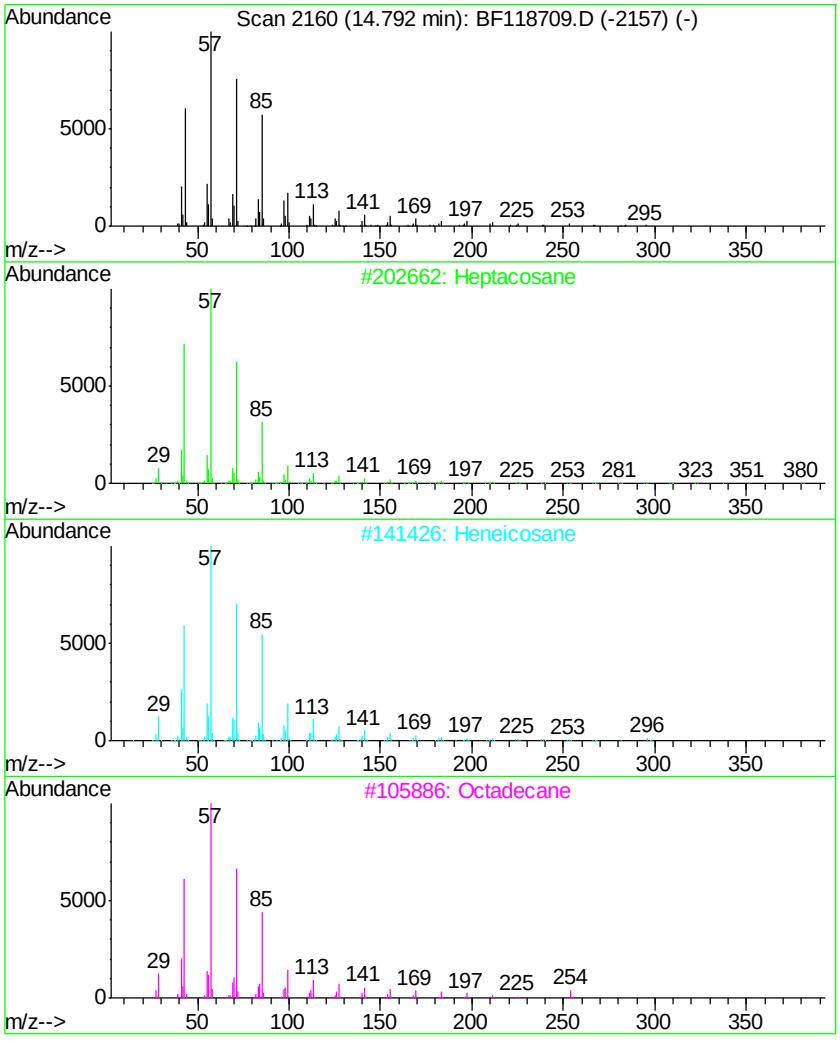
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

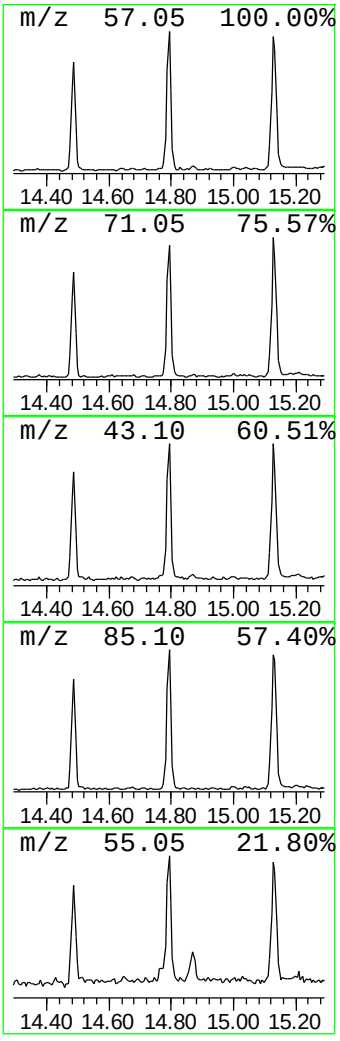
****

Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.39 ng	299678	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Docosane	310	C22H46	000629-97-0	91
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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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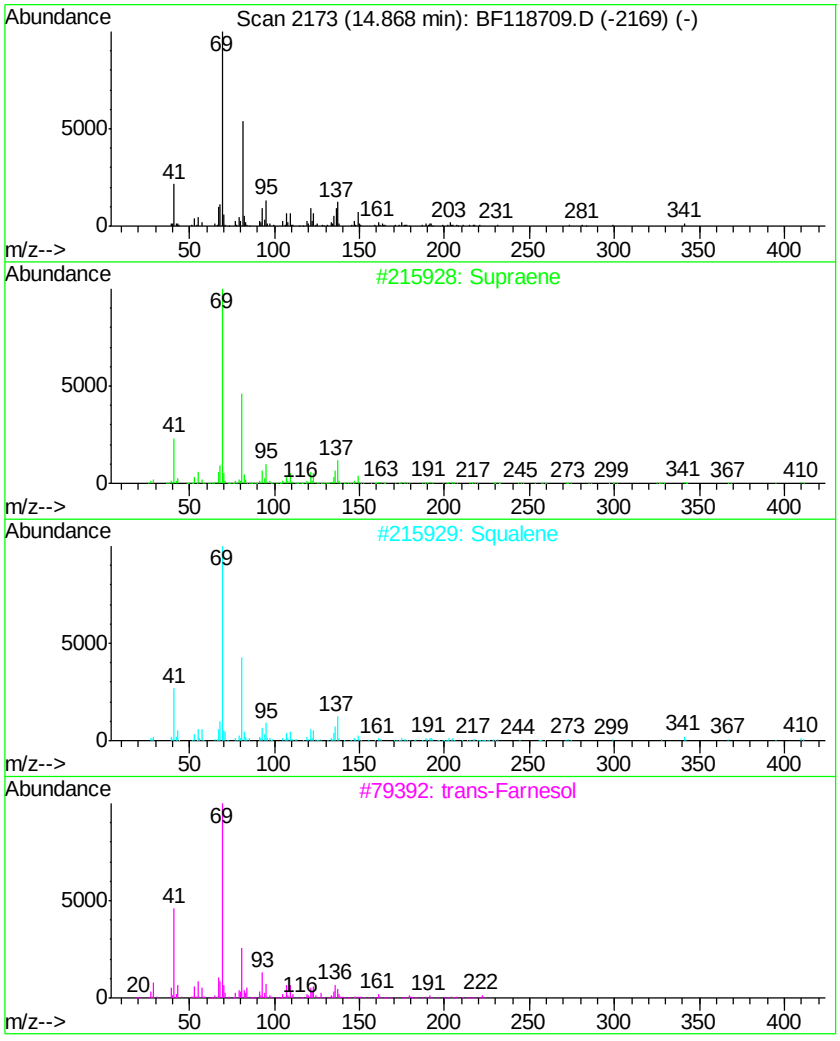
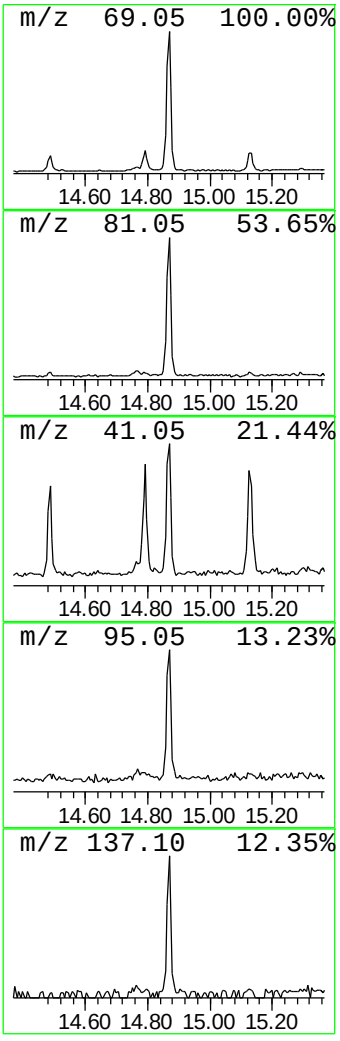
Peak Number 7 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.90 ng	256745	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	trans-Farnesol	222	C15H26O	000106-28-5	59
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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

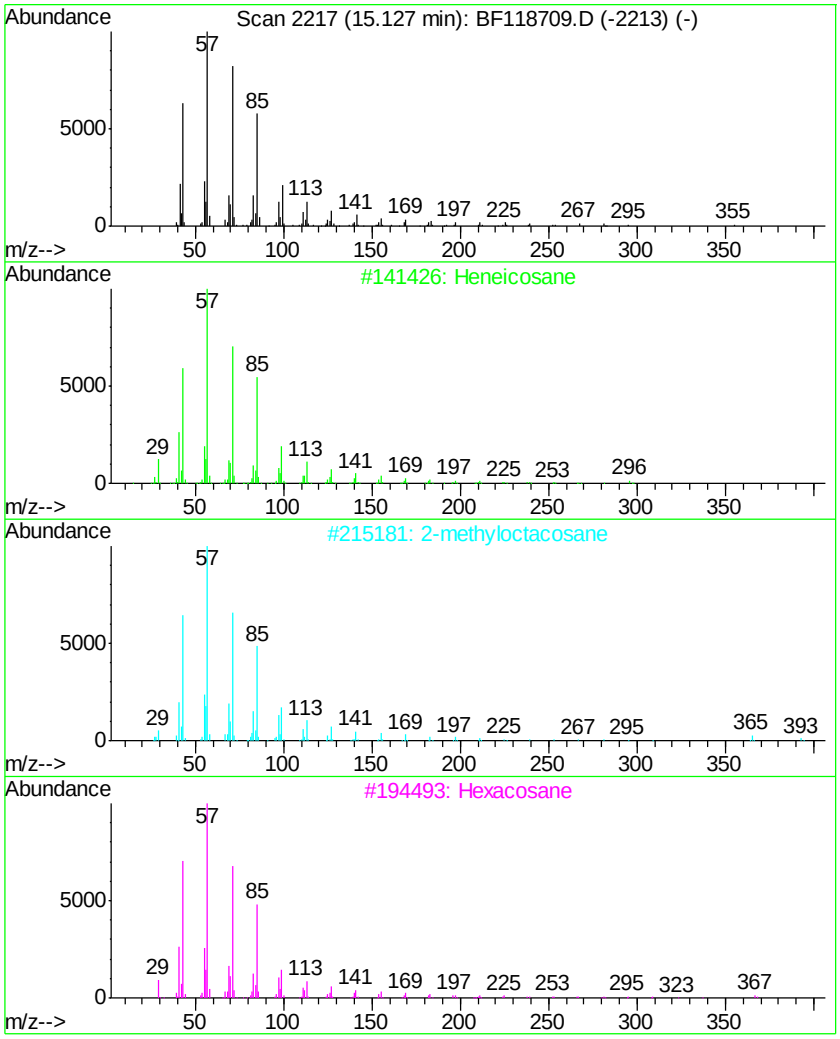
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

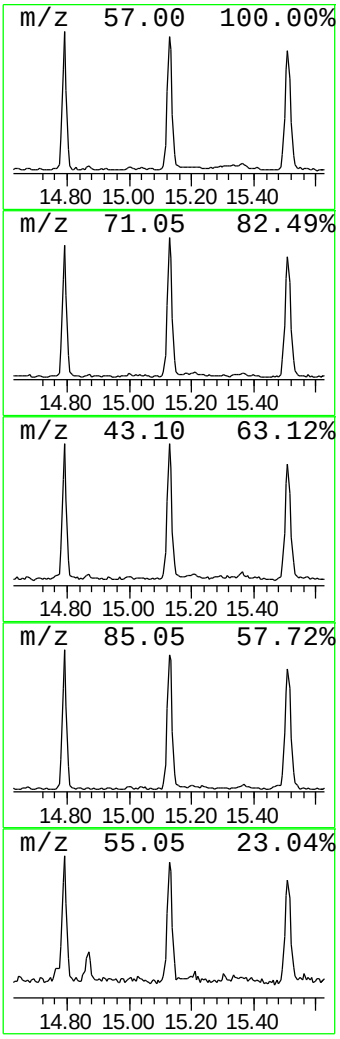
****

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.03 ng	356741	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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

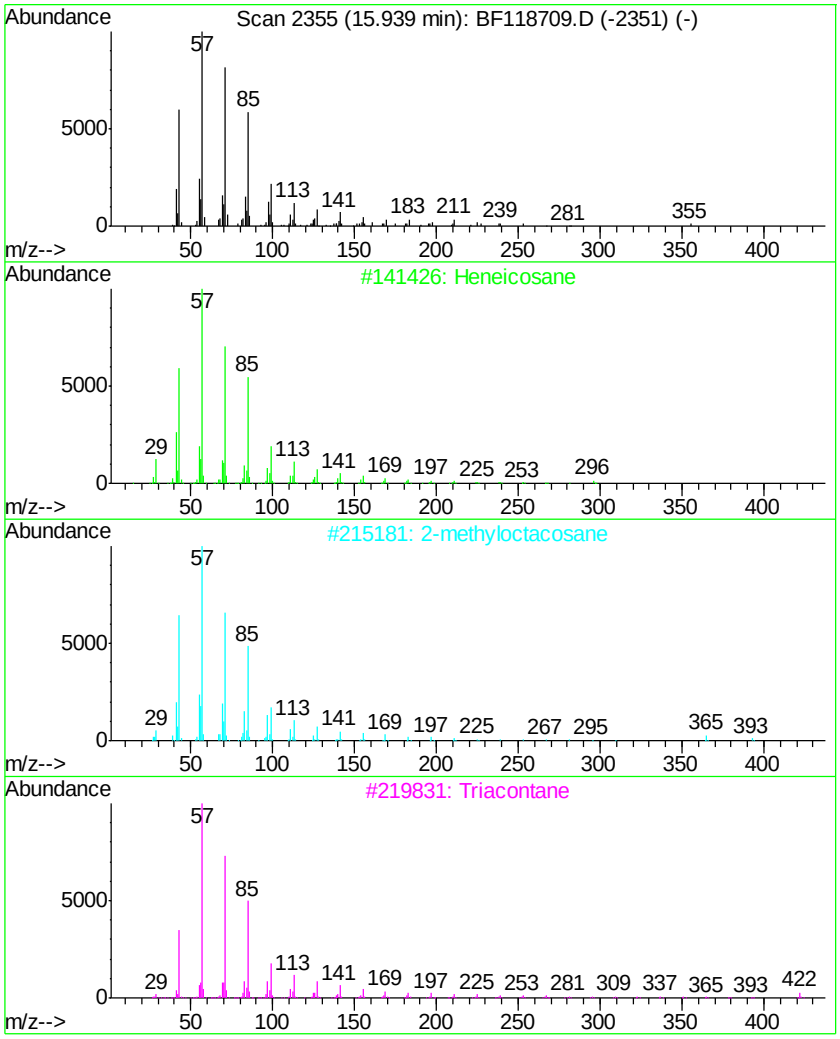
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

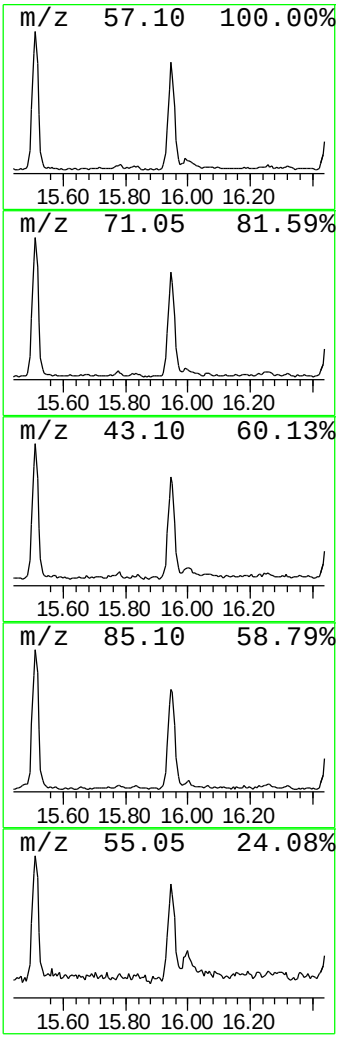
****

Peak Number 9 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.53 ng	312296	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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

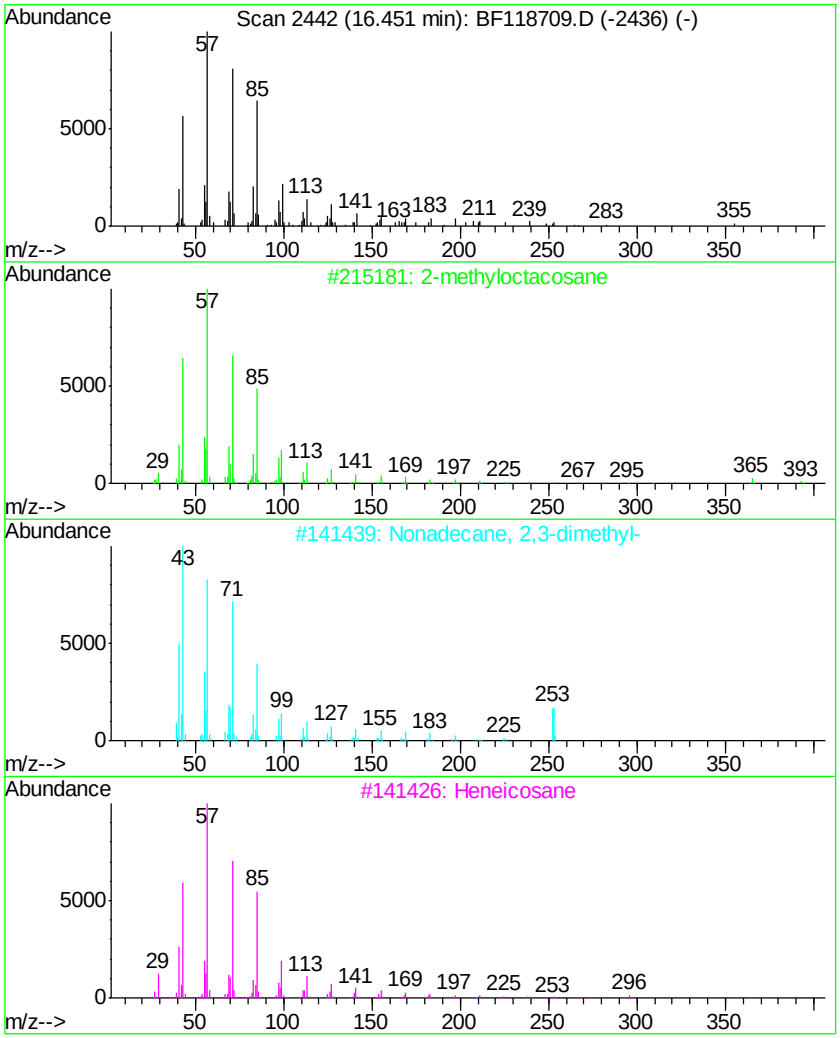
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

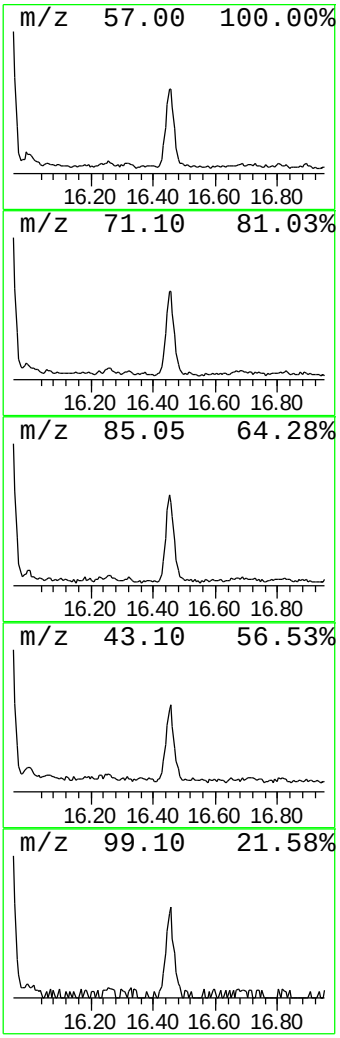
****

Peak Number 10 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.72 ng	240970	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Docosane	310	C22H46	000629-97-0	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0049-DECANT-H2O-COMP-1

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...	2.13	64.8	ng	4300150	1	6.86	1326150	20.0
n-Hexadecanoic acid	11.90	5.5	ng	482081	4	11.38	1744730	20.0
1-Heneicosanol	13.86	6.9	ng	525473	5	14.02	1532710	20.0
Hexacosane	14.49	3.1	ng	238083	5	14.02	1532710	20.0
Heptacosane	14.79	3.4	ng	299678	6	15.47	1770380	20.0
Supraene	14.87	2.9	ng	256745	6	15.47	1770380	20.0
Heneicosane	15.13	4.0	ng	356741	6	15.47	1770380	20.0
2-methyloctacosane	15.94	3.5	ng	312296	6	15.47	1770380	20.0
Docosane	16.45	2.7	ng	240970	6	15.47	1770380	20.0