LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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	2.134	3	8	16	rVB	336086	477032	6.17%	0.775%
2	5.069	499	507	514	rVB	96708	123759	1.60%	0.201%
3	5.463	568	574	577	rBV	7098038	7028097	90.89%	11.419%
4	6.469	739	745	748	rBV	6611283	6930224	89.62%	11.260%
5	6.669	776	779	785	rBV	147031	112764	1.46%	0.183%
6	6.845	806	809	813	rBV	2332452	2092277	27.06%	3.399%
7	7.004	832	836	840	rBV	6243199	5580995	72.17%	9.068%
8	7.410	900	905	908	rBV	4839914	4532241	58.61%	7.364%
9	8.134	1023	1028	1031	rBV	3340721	2790703	36.09%	4.534%
10	9.216	1206	1212	1215	rBV	7660256	7732917	100.00%	12.564%
11	9.604	1274	1278	1282	rBV	739587	600297	7.76%	0.975%
12	9.892	1320	1327	1330	rBV	3621454	3054705	39.50%	4.963%
13	10.675	1456	1460	1464	rBV	3249452	3194696	41.31%	5.191%
14	11.380	1575	1580	1583	rBV	3376380	2897831	37.47%	4.708%
15	11.904	1666	1669	1674	rVB	253941	219083	2.83%	0.356%
16	12.474	1761	1766	1771	rVV2	53451	92812	1.20%	0.151%
17	12.592	1783	1786	1788	rBV	120920	141646	1.83%	0.230%
18	12.621	1788	1791	1800	rVB	393246	569598	7.37%	0.925%
19	12.692	1800	1803	1806	rBV	183677	179180	2.32%	0.291%
20	12.969	1846	1850	1853	rBV	6437823	5937890	76.79%	9.648%
21	13.204	1888	1890	1894	rVB2	87512	99786	1.29%	0.162%
22	13.833	1993	1997	1999	rVV	137437	160222	2.07%	0.260%
23	13.868	1999	2003	2012	rVB	838870	939211	12.15%	1.526%
24	14.021	2025	2029	2032	rBV	2281653	2003295	25.91%	3.255%
25	14.198	2056	2059	2062	rVB	147551	139927	1.81%	0.227%
26	14.504	2108	2111	2117	rBV	384159	377546	4.88%	0.613%
27	14.651	2133	2136	2139	rBV2	156472	173878	2.25%	0.283%
28	14.810	2160	2163	2170	rVB	223400	295823	3.83%	0.481%
29	15.157	2218	2222	2230	rVB	257111	372550	4.82%	0.605%
30	15.492	2274	2279	2283	rBV	1570744	1953609	25.26%	3.174%
31	15.539	2284	2287	2292	rVB	180576	222093	2.87%	0.361%
32	15.980	2358	2362	2366	rBV	188221	298351	3.86%	0.485%
33	16.027	2367	2370	2378	rVB2	127854	223197	2.89%	0.363%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6A

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

Sum of corrected areas: 61548235

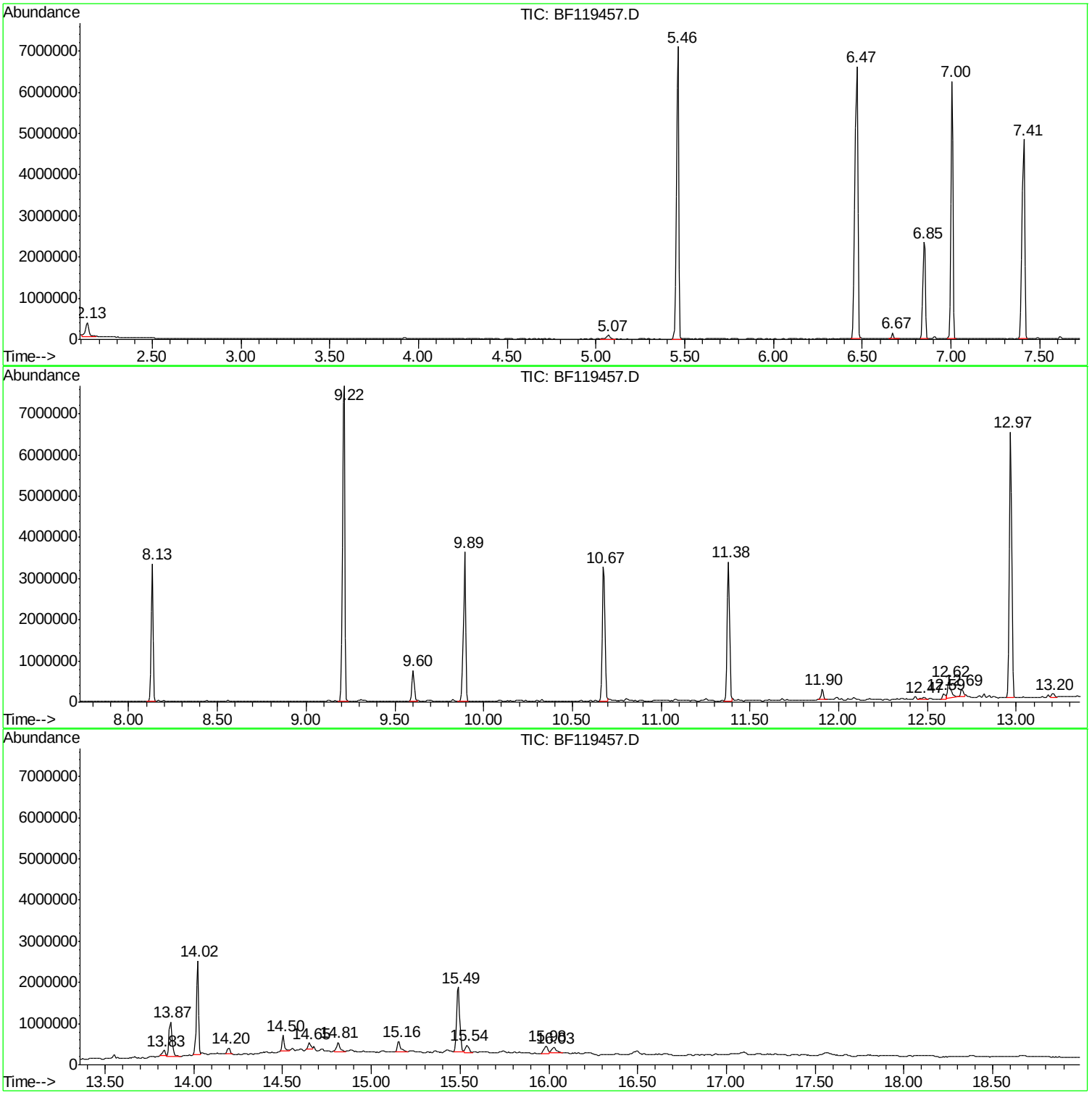
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

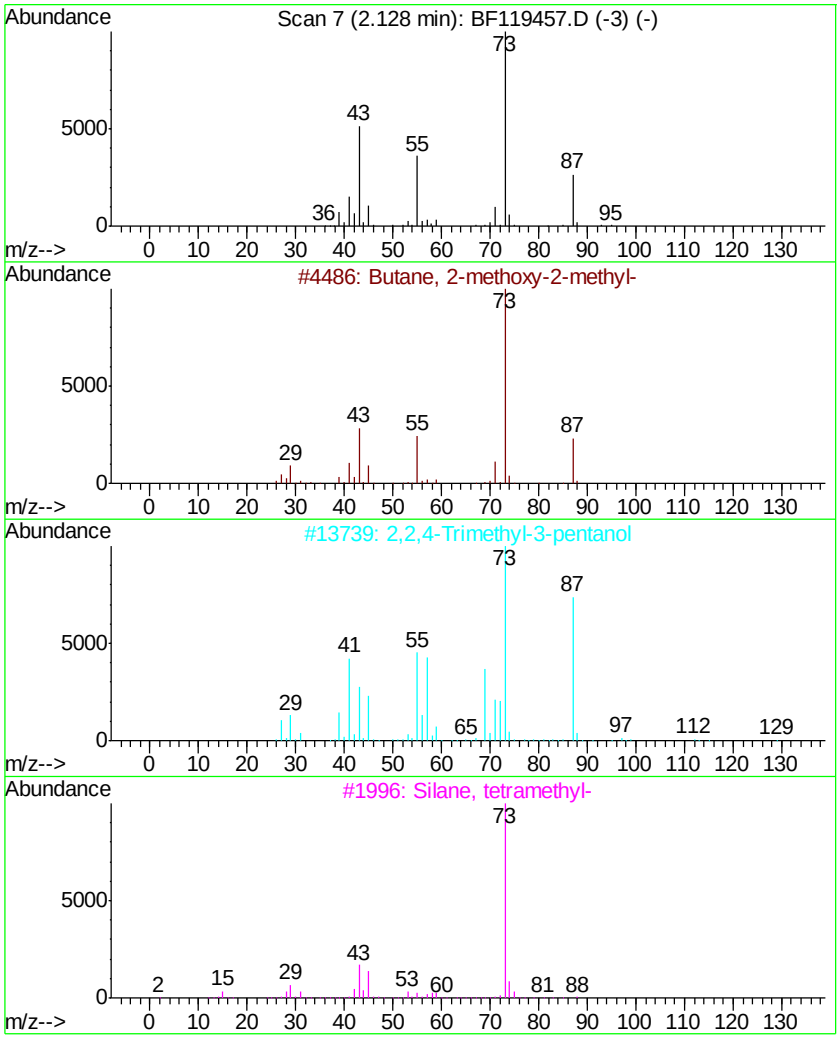
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

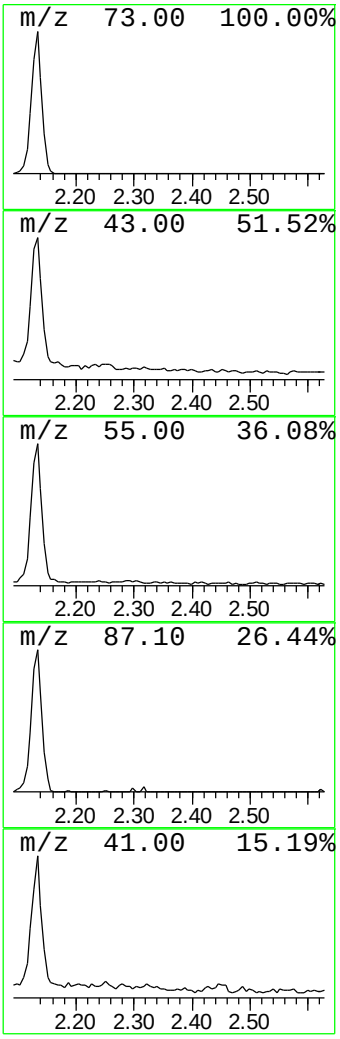
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	4.56 ng	477032	1,4-Dichlorobenzene-d4	6.85

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

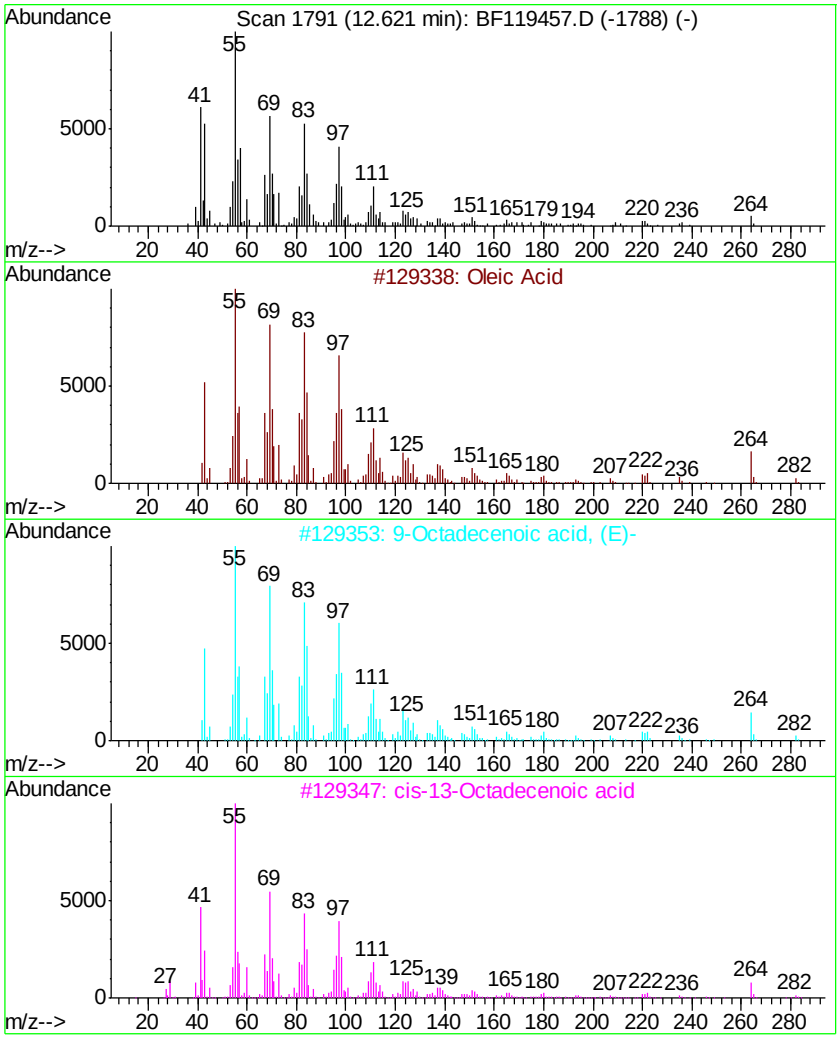
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

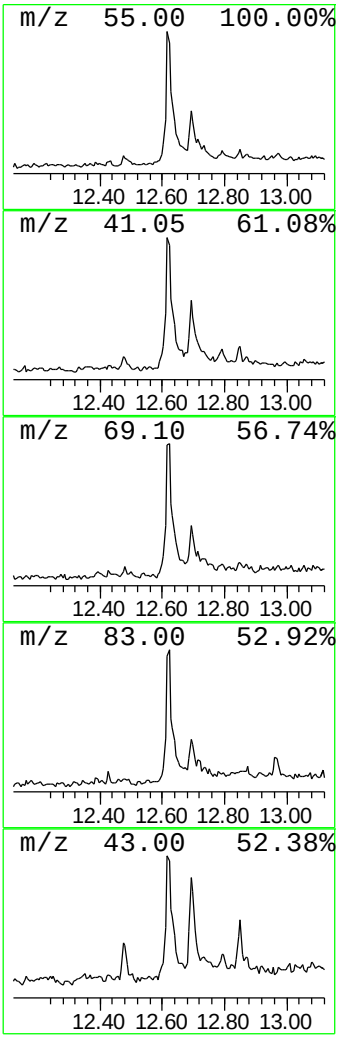
****

Peak Number 3 Oleic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.93 ng	569598	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	83
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

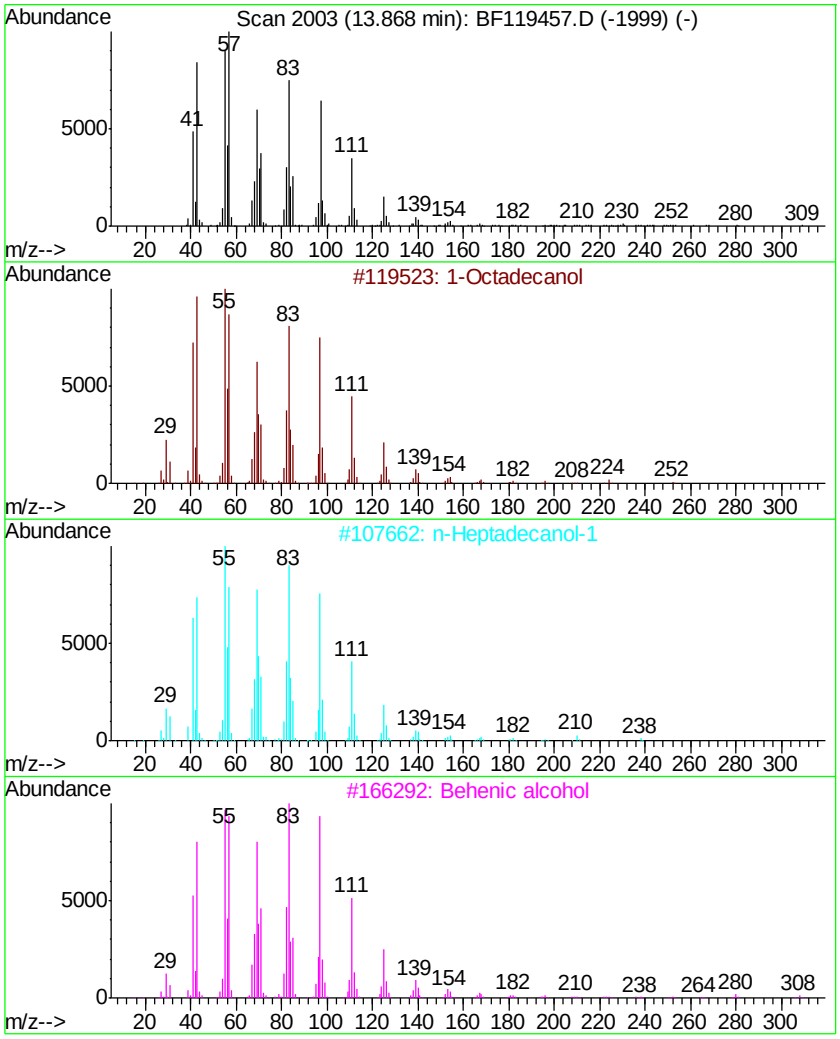
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

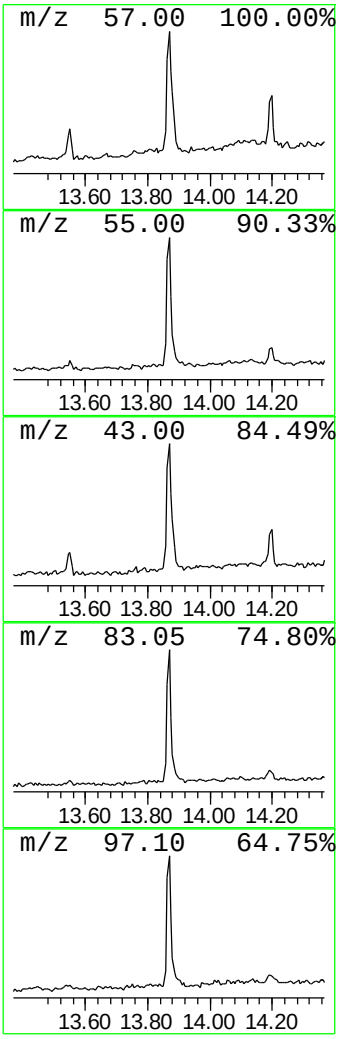
****

Peak Number 4 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.38 ng	939211	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

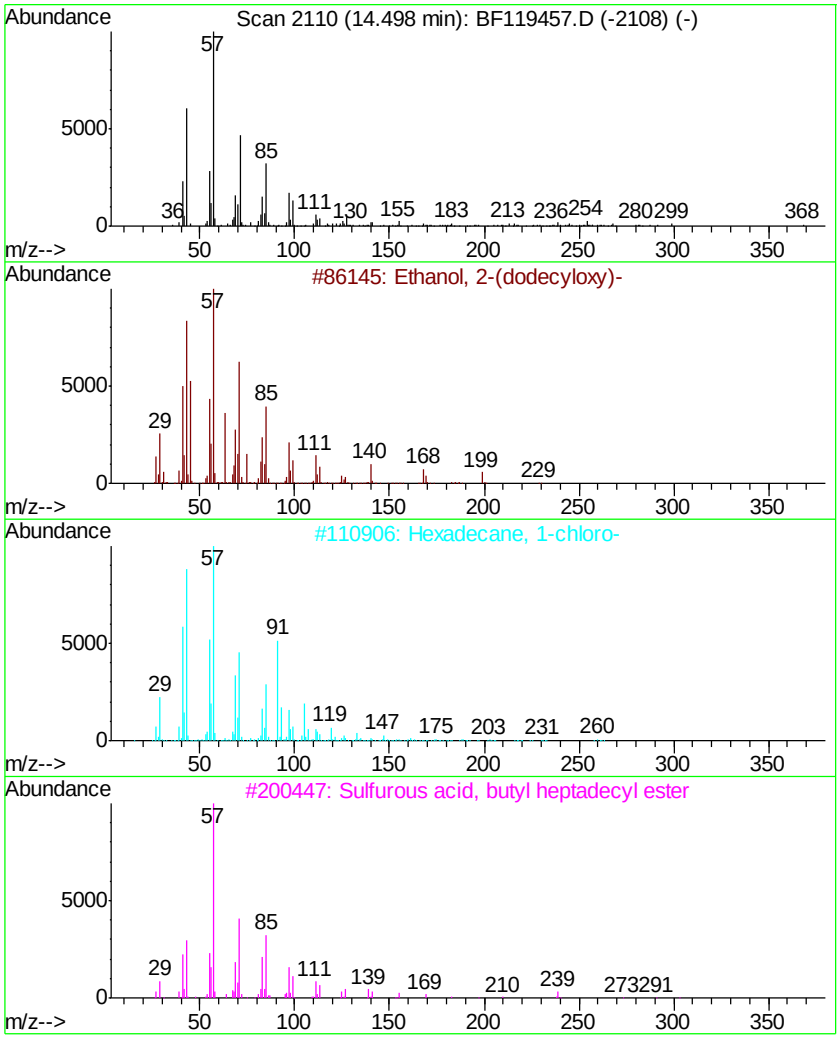
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

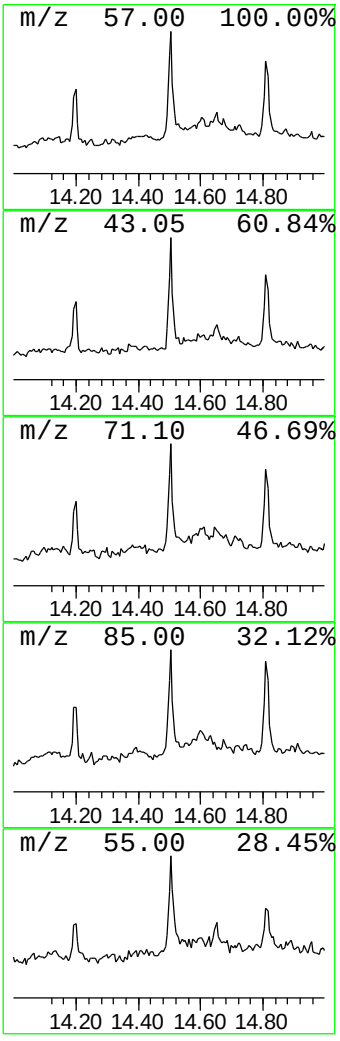
****

Peak Number 5 Ethanol, 2-(dodecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.77 ng	377546	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	94
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	94
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Hexadecane	226	C16H34	000544-76-3	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

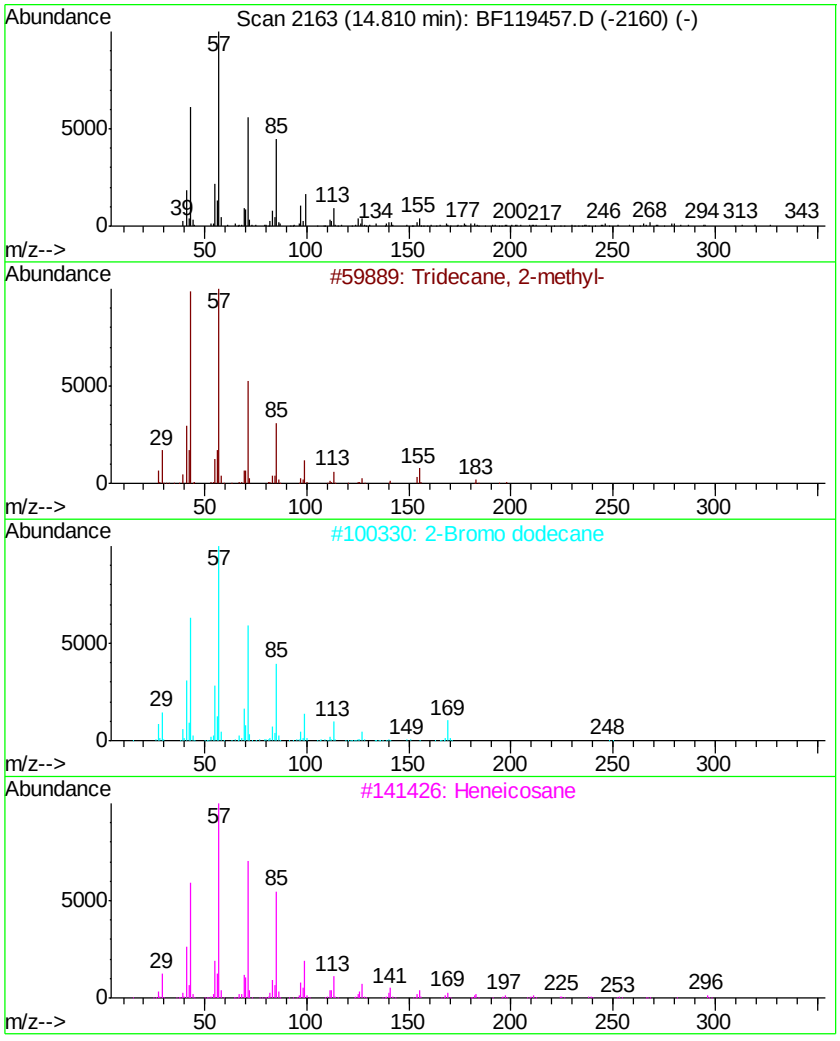
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

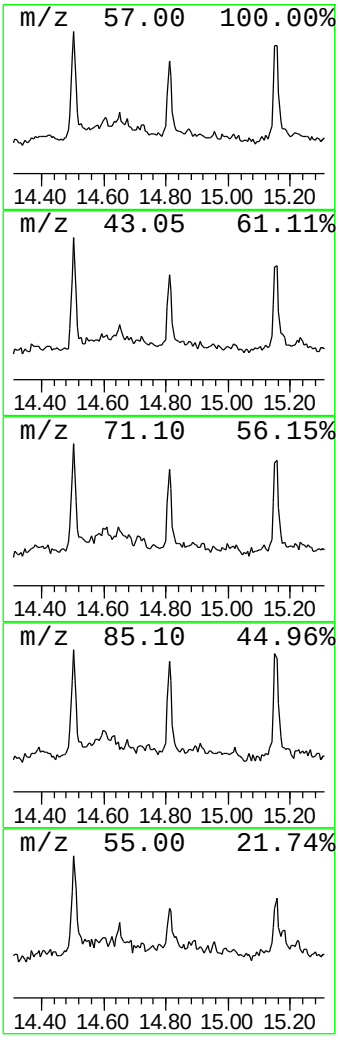
****

Peak Number 6 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.03 ng	295823	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

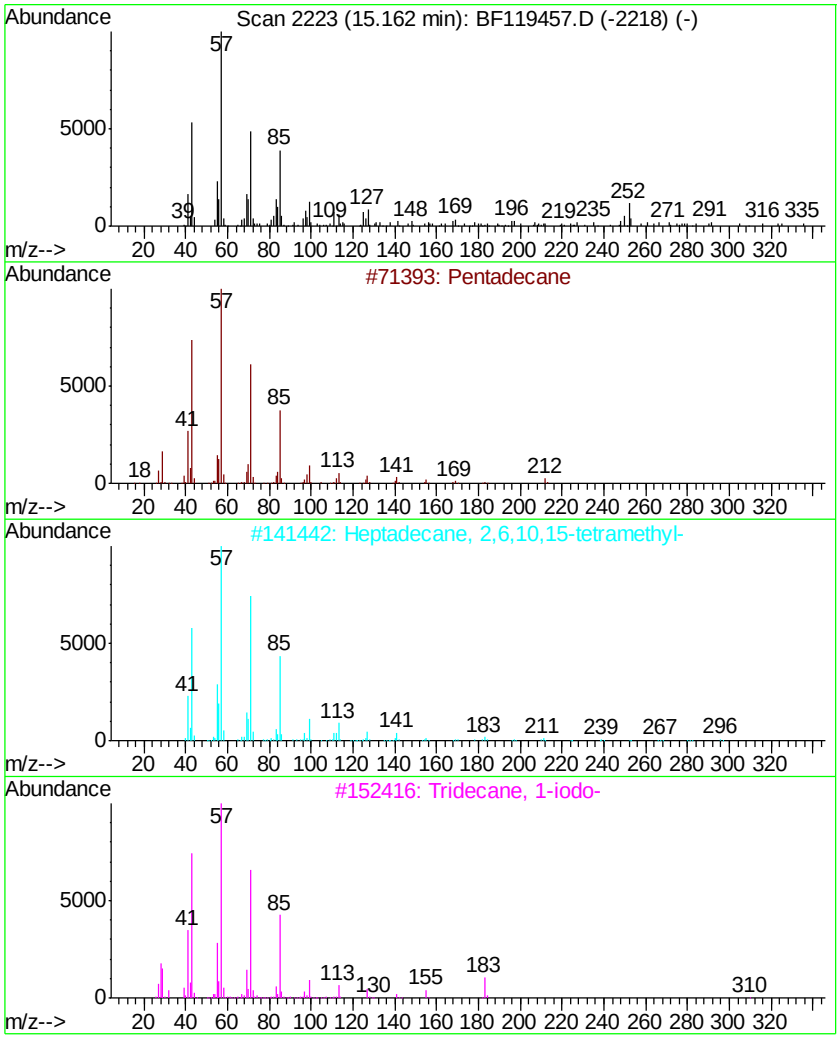
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

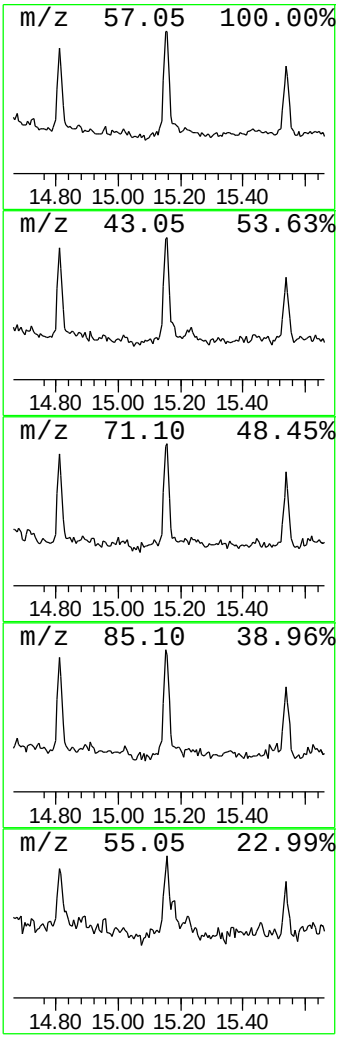
****

Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.81 ng	372550	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Hexacosane	366	C26H54	000630-01-3	81
5	Hexadecane	226	C16H34	000544-76-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

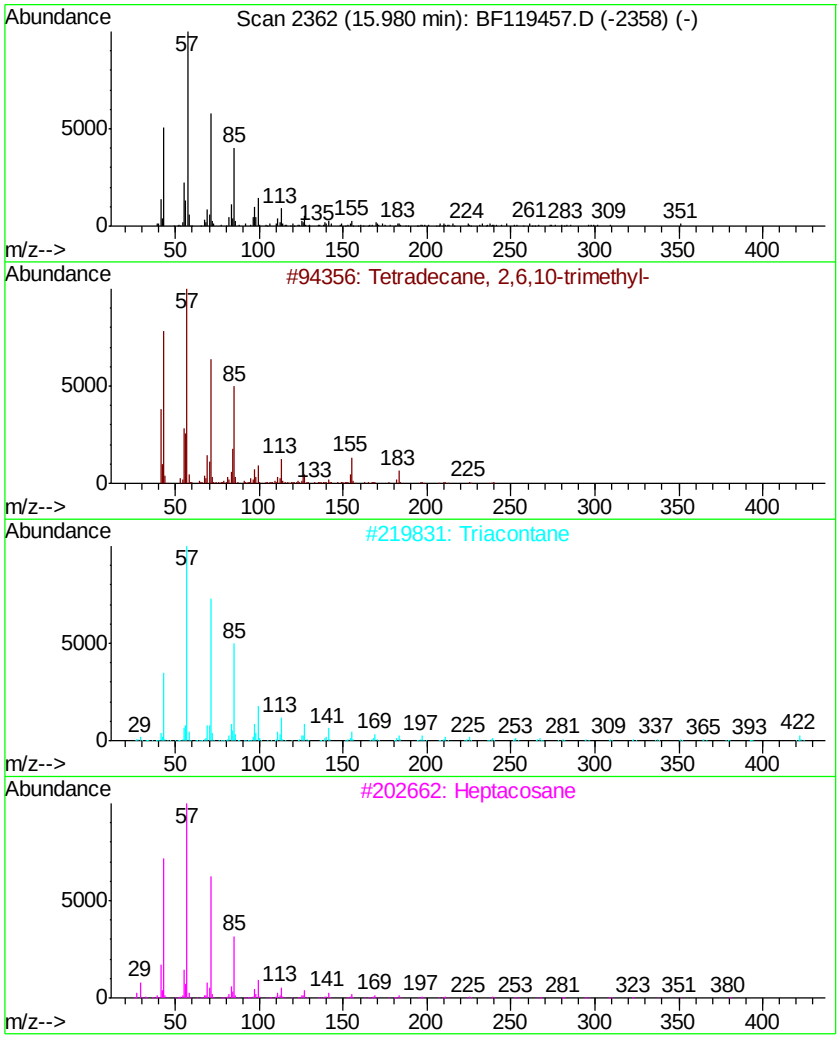
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

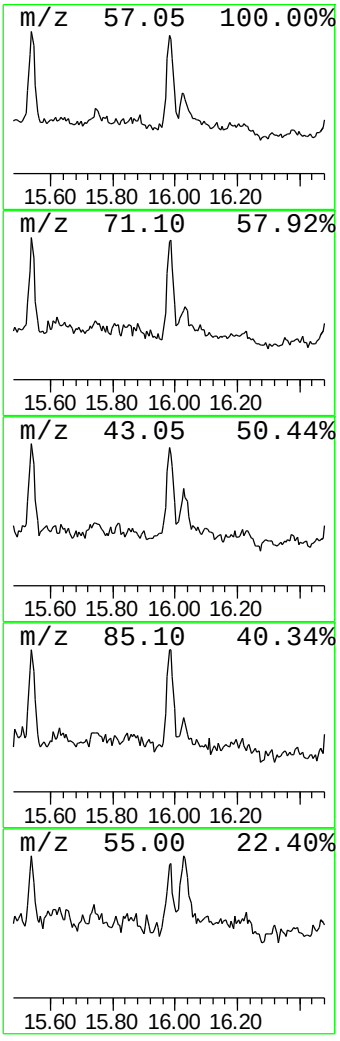
****

Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.05 ng	298351	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2	Triacontane	422	C30H62	000638-68-6	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	81
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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

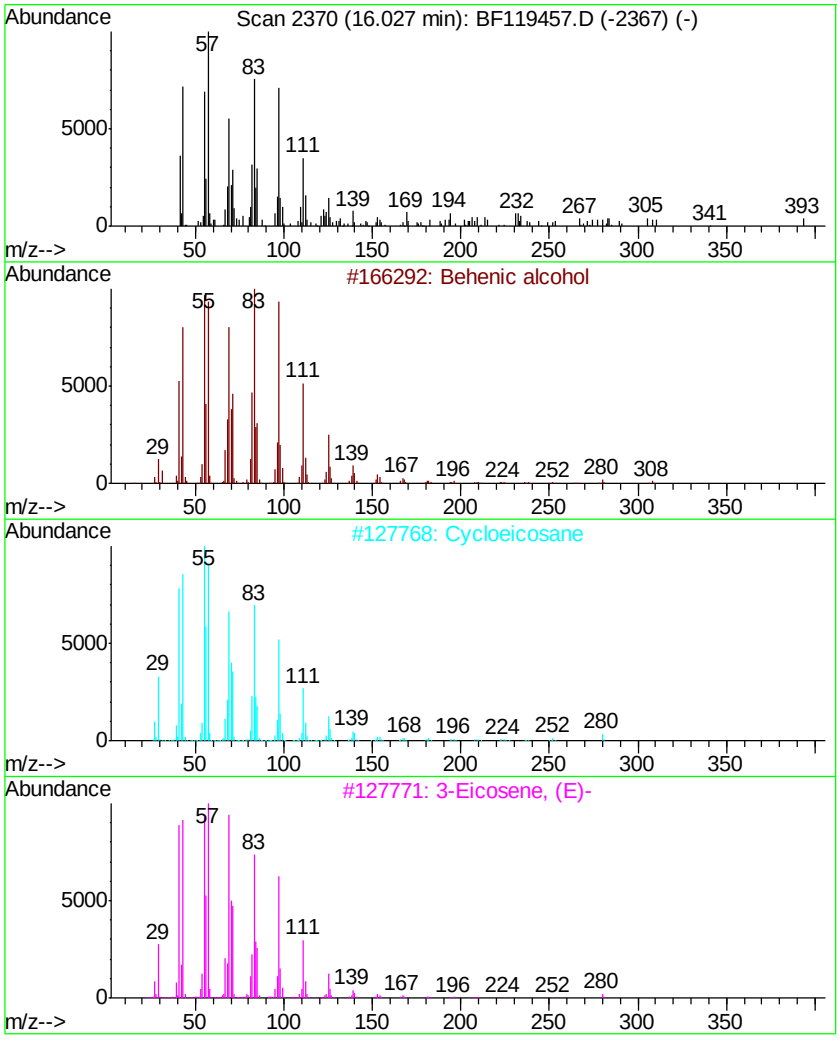
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

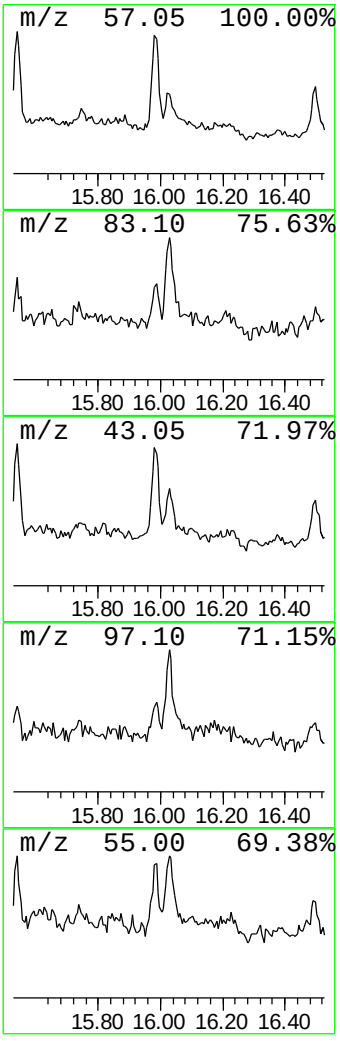
****

Peak Number 9 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.28 ng	223197	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Cycloeicosane	280	C20H40	000296-56-0	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
Data File : BF119457.D
Acq On : 20 Mar 2020 00:19
Operator : CG/JU
Sample : L1978-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6A

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
Butane, 2-methoxy...	2.13	4.6	ng	477032	1	6.85	2092280	20.0
Oleic Acid	12.62	3.9	ng	569598	4	11.38	2897830	20.0
1-Octadecanol	13.87	9.4	ng	939211	5	14.02	2003300	20.0
Ethanol, 2-(dodec...	14.50	3.8	ng	377546	5	14.02	2003300	20.0
Tridecane, 2-methyl-	14.81	3.0	ng	295823	6	15.49	1953610	20.0
Pentadecane	15.16	3.8	ng	372550	6	15.49	1953610	20.0
Tetradecane, 2,6,...	15.98	3.0	ng	298351	6	15.49	1953610	20.0
Behenic alcohol	16.03	2.3	ng	223197	6	15.49	1953610	20.0