LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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-BF040820.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	4.934	480	484	494	rVB	306290	378402	7.77%	0.925%
2	5.345	549	554	557	rBV	4201365	4133828	84.90%	10.104%
3	6.369	722	728	731	rBV	3946838	4154703	85.32%	10.155%
4	6.563	758	761	776	rBV	116483	141872	2.91%	0.347%
5	6.734	786	790	793	rBV	1713882	1387906	28.50%	3.392%
6	6.892	812	817	820	rBV	3737976	3360288	69.01%	8.214%
7	7.298	880	886	889	rBV	2794171	2799472	57.49%	6.843%
8	7.392	897	902	912	rVB2	78750	113649	2.33%	0.278%
9	8.016	1004	1008	1012	rBV	1914385	1852849	38.05%	4.529%
10	9.098	1187	1192	1195	rBV	5243229	4869272	100.00%	11.902%
11	9.492	1254	1259	1262	rBV	619439	464467	9.54%	1.135%
12	9.775	1301	1307	1310	rBV	2503691	2121150	43.56%	5.185%
13	10.563	1436	1441	1444	rBV	3266725	2999600	61.60%	7.332%
14	11.263	1555	1560	1563	rBV	2252545	2151976	44.20%	5.260%
15	11.798	1647	1651	1659	rBV	598970	594713	12.21%	1.454%
16	12.468	1762	1765	1768	rBV	64679	53562	1.10%	0.131%
17	12.521	1771	1774	1779	rVB	117944	96796	1.99%	0.237%
18	12.580	1781	1784	1796	rBV	247725	289295	5.94%	0.707%
19	12.674	1797	1800	1802	rBV2	77196	68536	1.41%	0.168%
20	12.751	1811	1813	1817	rVB	67855	53875	1.11%	0.132%
21	12.851	1825	1830	1833	rBV	4800686	4433775	91.06%	10.837%
22	13.333	1908	1912	1916	rVB	382787	312726	6.42%	0.764%
23	13.810	1987	1993	2004	rBV5	141510	553992	11.38%	1.354%
24	13.898	2004	2008	2011	rVB	1831569	1601089	32.88%	3.914%
25	14.074	2033	2038	2041	rBV	82081	75733	1.56%	0.185%
26	14.380	2086	2090	2093	rBV	113492	98736	2.03%	0.241%
27	14.674	2137	2140	2146	rBV	109413	115317	2.37%	0.282%
28	14.998	2191	2195	2203	rVB	101935	127829	2.63%	0.312%
29	15.321	2245	2250	2254	rBV	1072235	1249262	25.66%	3.054%
30	15.362	2254	2257	2265	rVB	85371	110620	2.27%	0.270%
31	15.774	2322	2327	2333	rBV2	61508	87896	1.81%	0.215%
32	16.251	2403	2408	2413	rBV2	32652	58244	1.20%	0.142%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 40911430

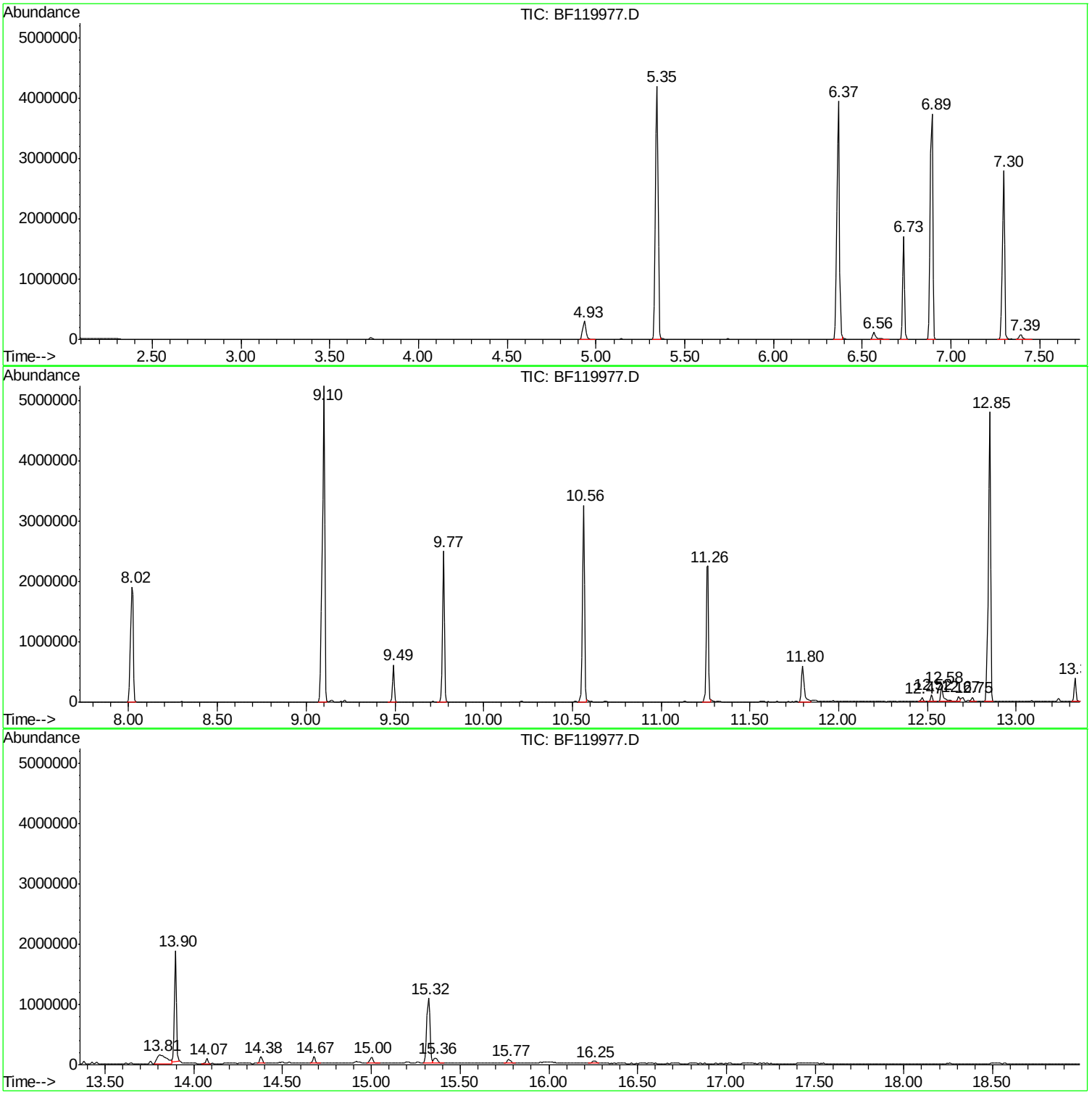
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

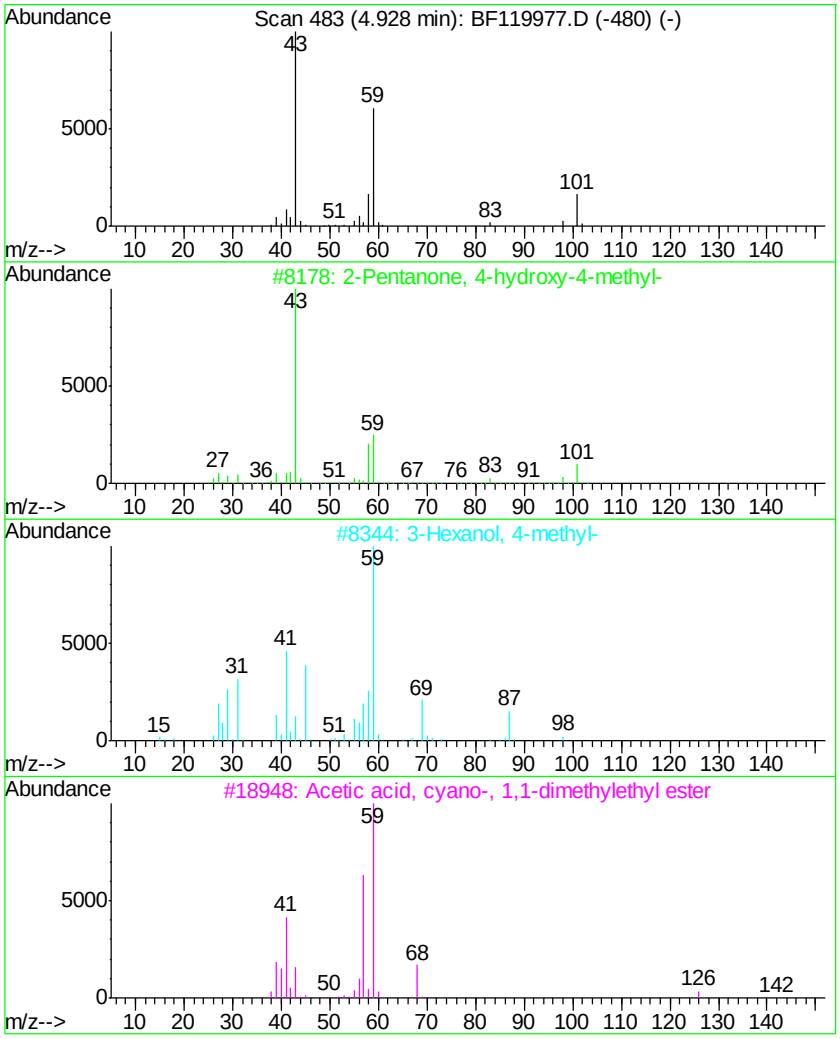
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

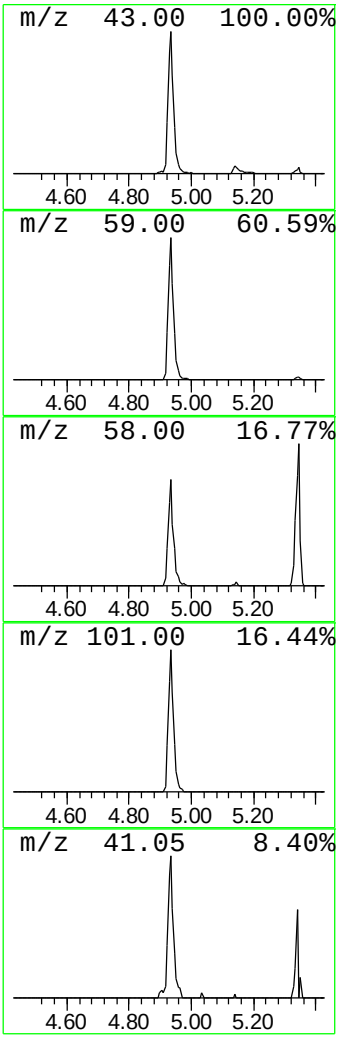
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	5.45 ng	378402	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

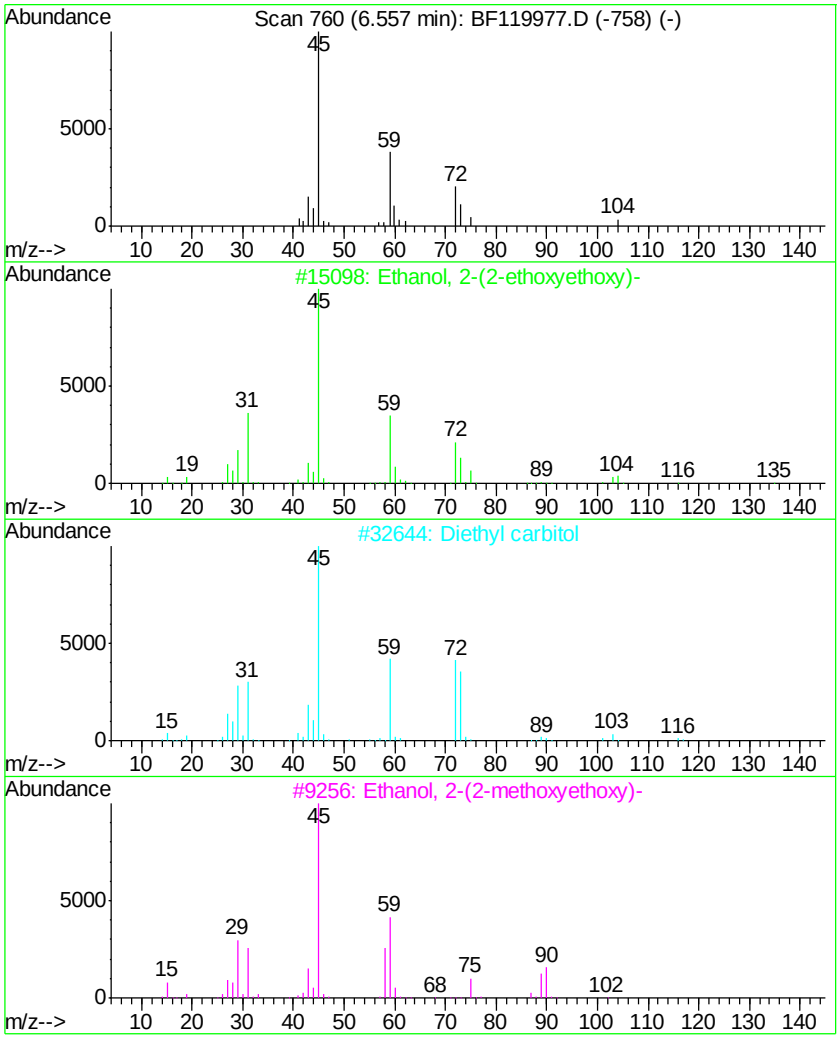
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

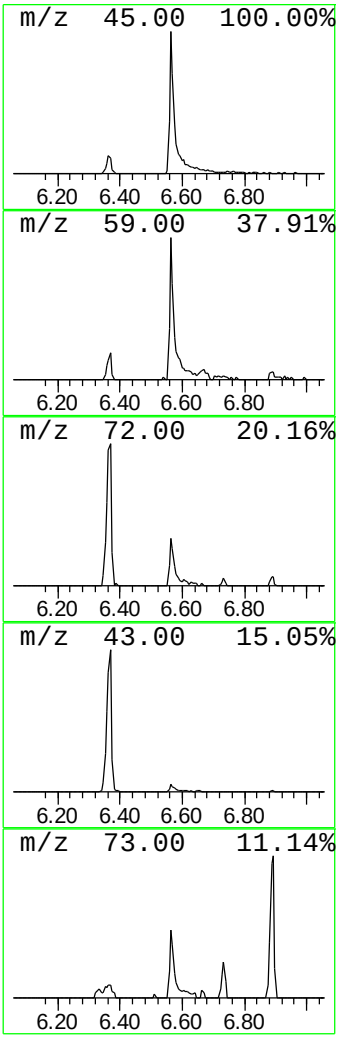
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.04 ng	141872	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	78
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	39
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

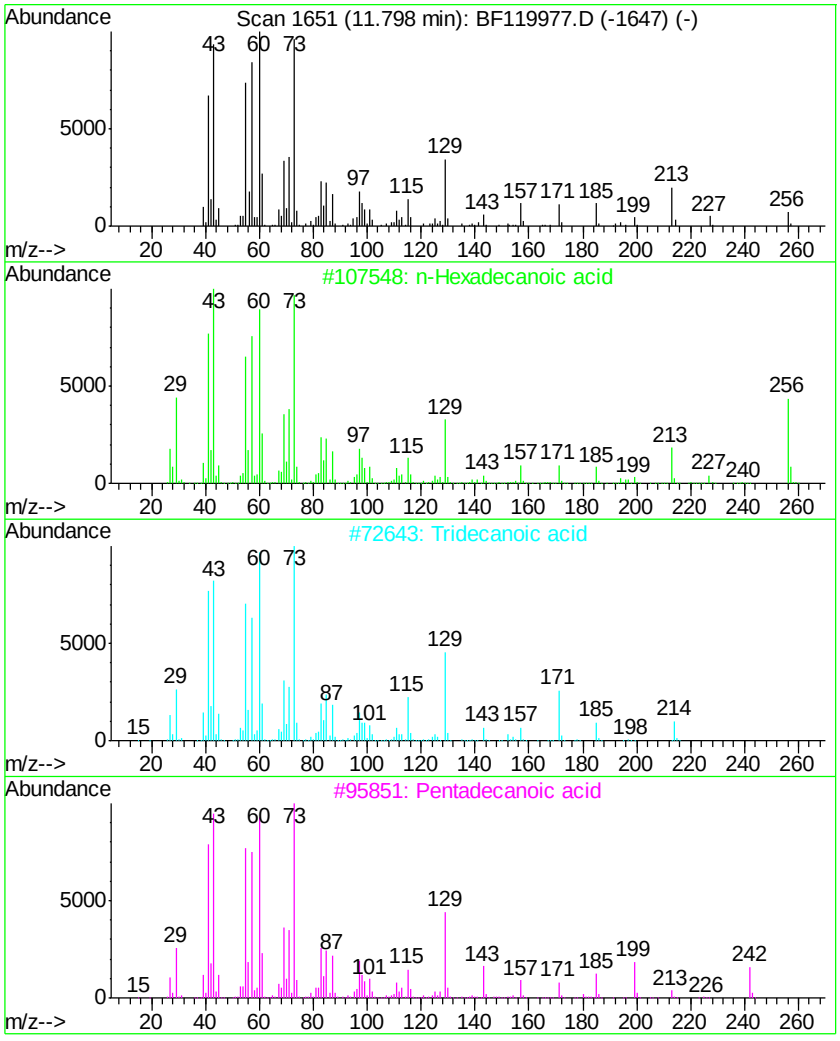
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

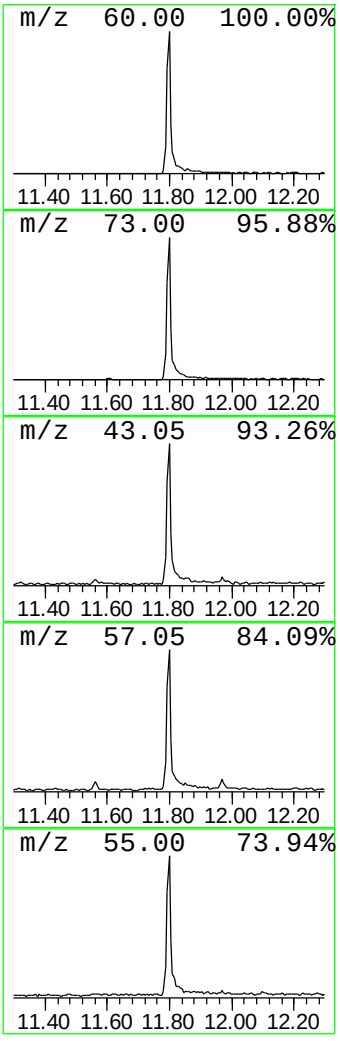
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.53 ng	594713	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

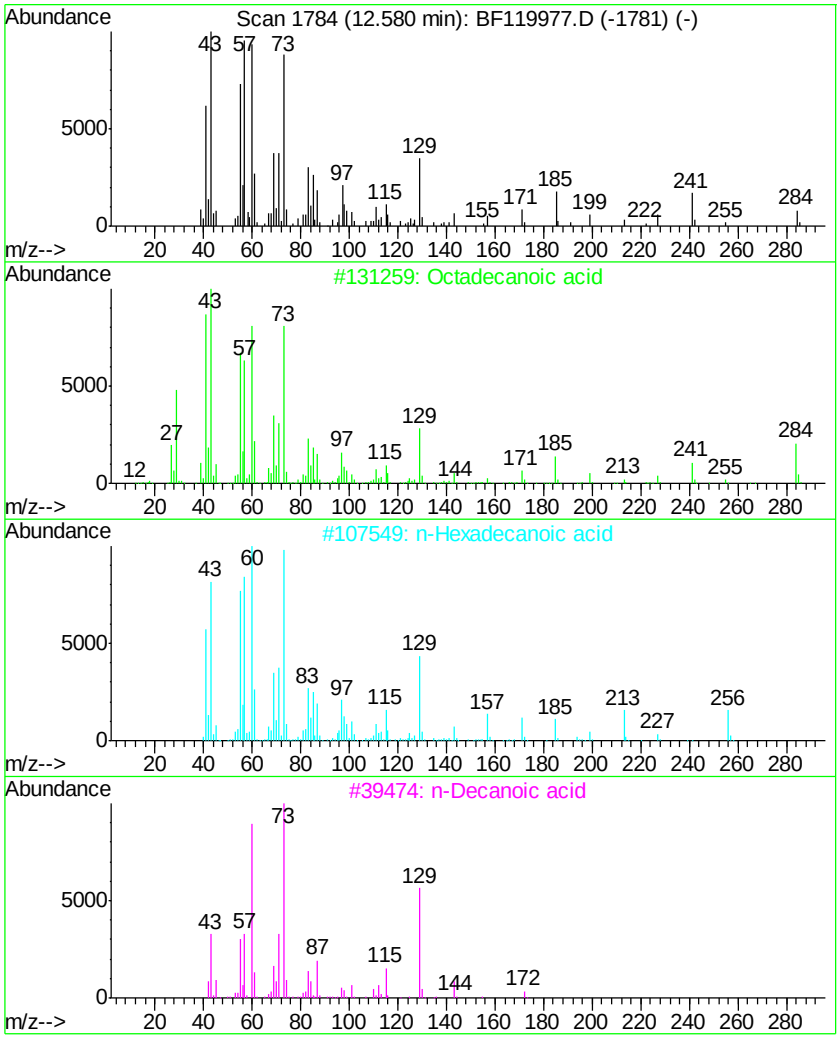
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

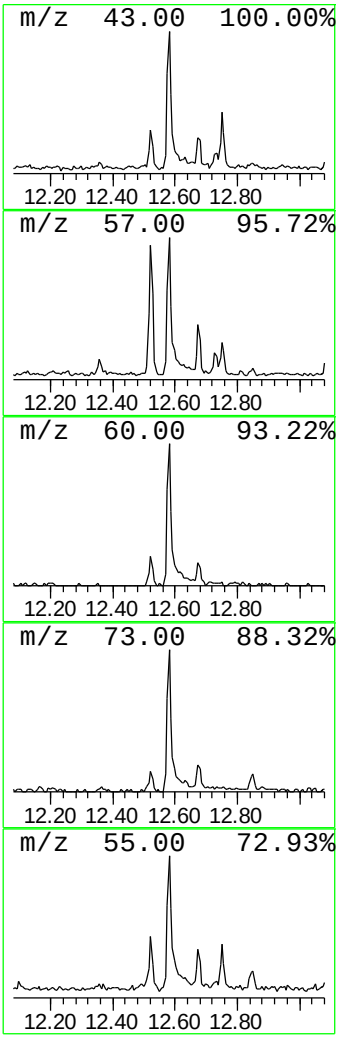
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.61 ng	289295	Chrysene-d12	13.90

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	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

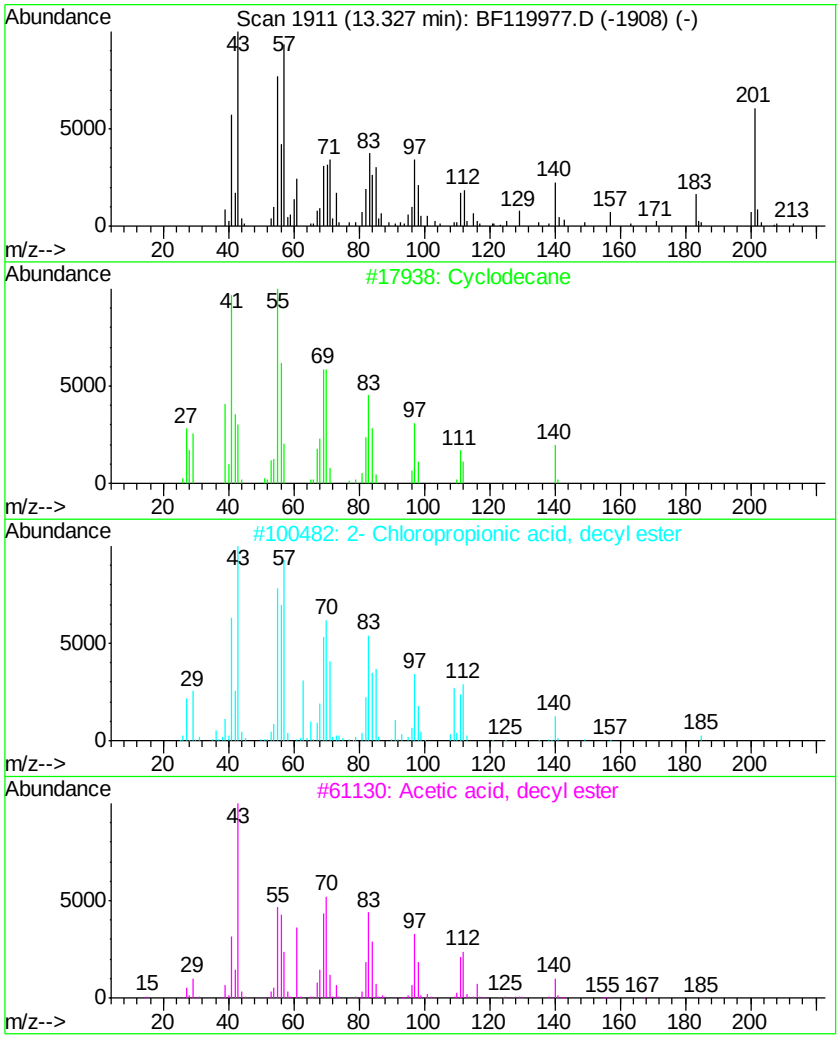
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

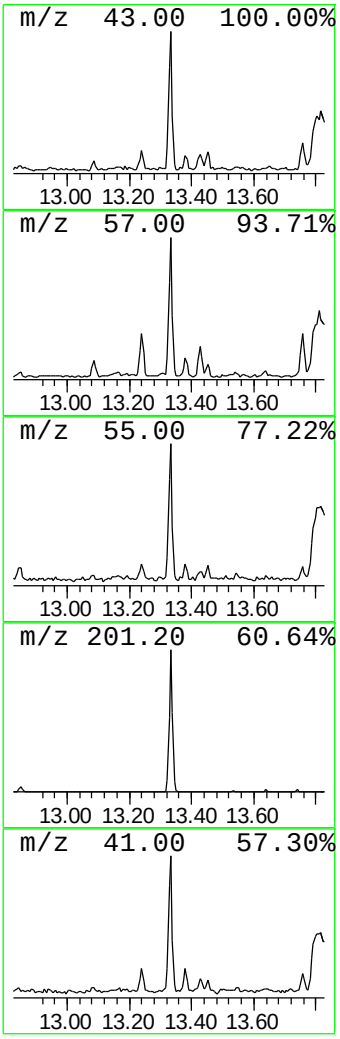
****

Peak Number 6 Cyclodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.91 ng	312726	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	50
2	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	46
3	Acetic acid, decyl ester	200	C12H24O2	000112-17-4	43
4	Propanoic acid, 3-chloro-, decyl...	248	C13H25ClO2	074306-06-2	43
5	Carbonic acid, decyl 2,2,2-trich...	332	C13H23Cl3O3	1000314-55-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

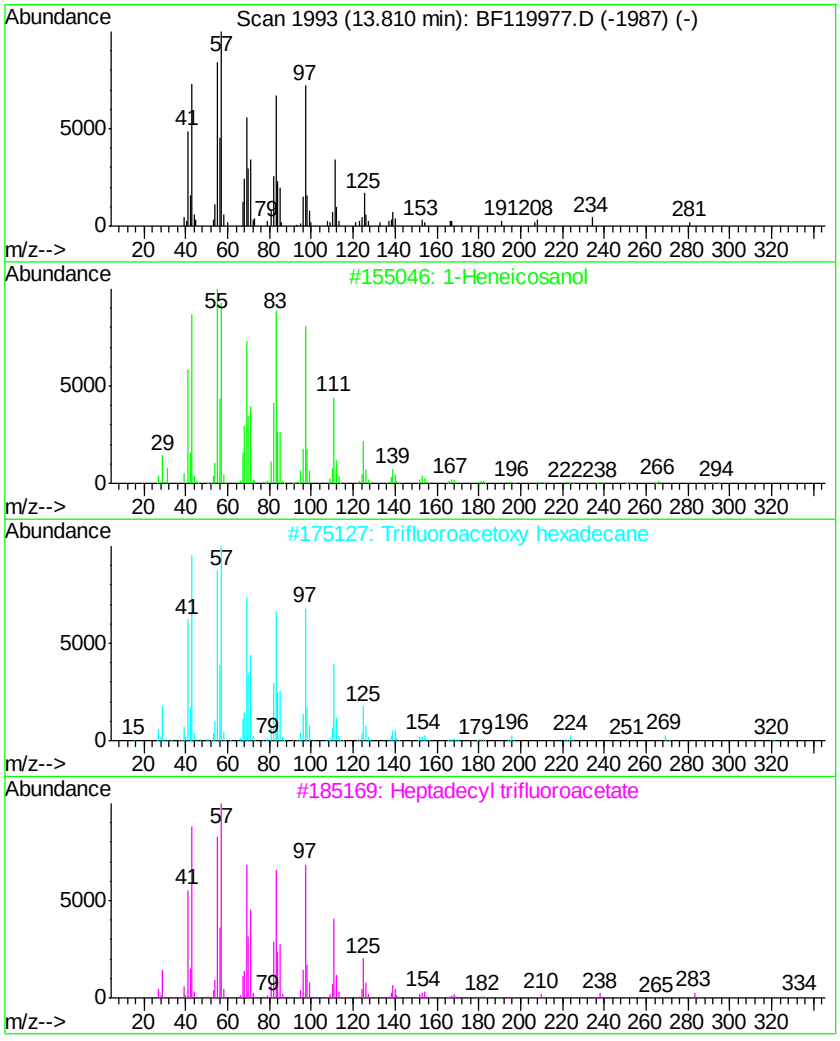
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

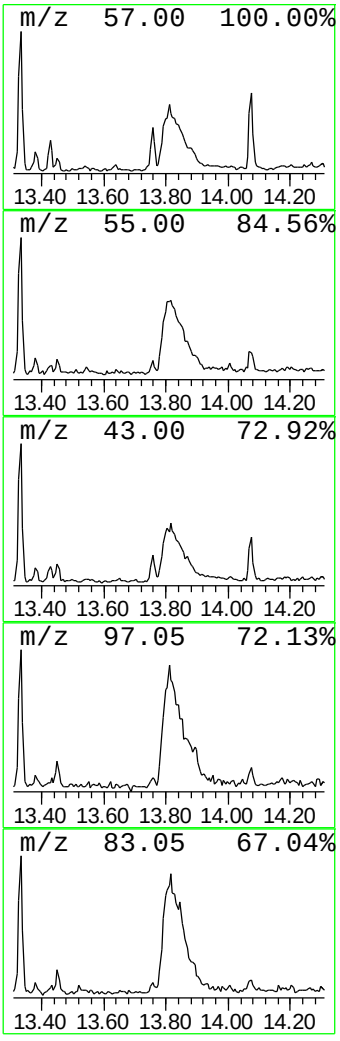
****

Peak Number 7 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.92 ng	553992	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

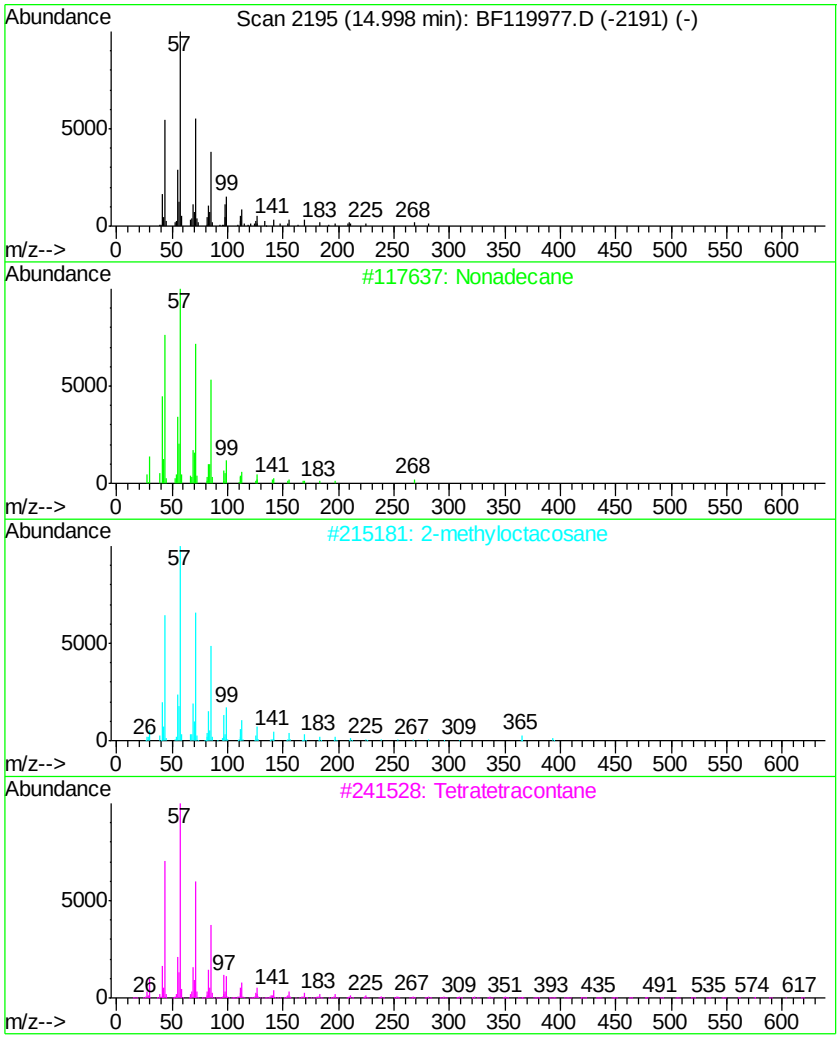
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

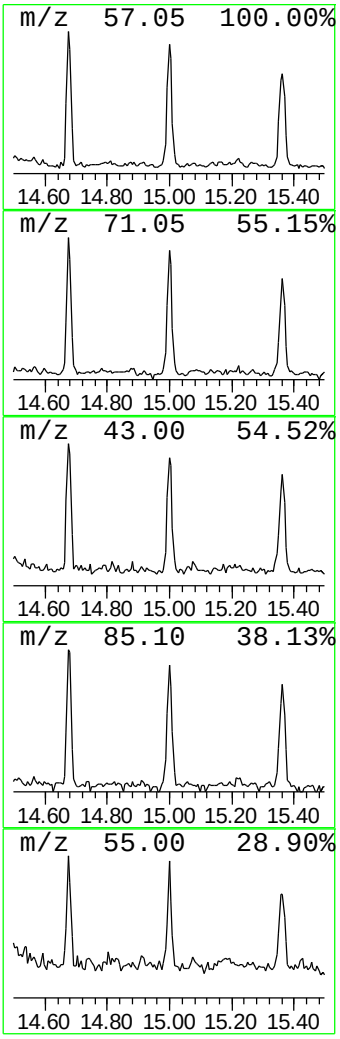
****

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.05 ng	127829	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041320\
Data File : BF119977.D
Acq On : 15 Apr 2020 2:41
Operator : MA/SJ
Sample : L2215-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
2-Pentanone, 4-hy...	4.93	5.5	ng	378402	1	6.73	1387910	20.0
Ethanol, 2-(2-eth...	6.56	2.0	ng	141872	1	6.73	1387910	20.0
n-Hexadecanoic acid	11.80	5.5	ng	594713	4	11.26	2151980	20.0
Octadecanoic acid	12.58	3.6	ng	289295	5	13.90	1601090	20.0
Cyclodecane	13.33	3.9	ng	312726	5	13.90	1601090	20.0
1-Heneicosanol	13.81	6.9	ng	553992	5	13.90	1601090	20.0
Nonadecane	15.00	2.0	ng	127829	6	15.32	1249260	20.0