LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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	4.940	481	485	498	rVB	336698	471102	7.90%	1.000%
2	5.345	549	554	557	rBV	4389693	4933627	82.72%	10.470%
3	6.369	722	728	731	rBV	4246723	4887084	81.94%	10.371%
4	6.569	758	762	775	rBV	98734	152629	2.56%	0.324%
5	6.734	786	790	793	rBV	1606952	1253843	21.02%	2.661%
6	6.892	812	817	820	rBV	4426533	3945081	66.14%	8.372%
7	7.298	881	886	889	rBV	3045515	3265605	54.75%	6.930%
8	8.016	1004	1008	1012	rBV	1730451	1666528	27.94%	3.537%
9	9.098	1187	1192	1195	rBV	5755509	5943962	99.66%	12.614%
10	9.492	1254	1259	1262	rBV	937436	753517	12.63%	1.599%
11	9.775	1301	1307	1310	rBV	2229823	1924825	32.27%	4.085%
12	10.563	1436	1441	1445	rBV	3639672	3613279	60.58%	7.668%
13	11.257	1555	1559	1563	rBV	2202592	2024192	33.94%	4.296%
14	11.798	1647	1651	1670	rBV	1125801	1229426	20.61%	2.609%
15	12.586	1781	1785	1798	rBV	620781	699847	11.73%	1.485%
16	12.857	1825	1831	1834	rBV	5630934	5964414	100.00%	12.658%
17	13.815	1986	1994	2004	rBV5	172723	743773	12.47%	1.578%
18	13.898	2004	2008	2011	rVB	1939586	1675286	28.09%	3.555%
19	14.380	2086	2090	2096	rBV	97916	92544	1.55%	0.196%
20	14.674	2137	2140	2145	rVB	126678	122782	2.06%	0.261%
21	14.998	2191	2195	2200	rBV	134474	147320	2.47%	0.313%
22	15.321	2245	2250	2254	rBV	1093832	1264253	21.20%	2.683%
23	15.362	2254	2257	2262	rVB	121687	144299	2.42%	0.306%
24	15.774	2322	2327	2337	rVB	89097	126199	2.12%	0.268%
25	16.251	2403	2408	2414	rBV2	39923	75600	1.27%	0.160%

Sum of corrected areas: 47121017

LSC Report - Integrated Chromatogram

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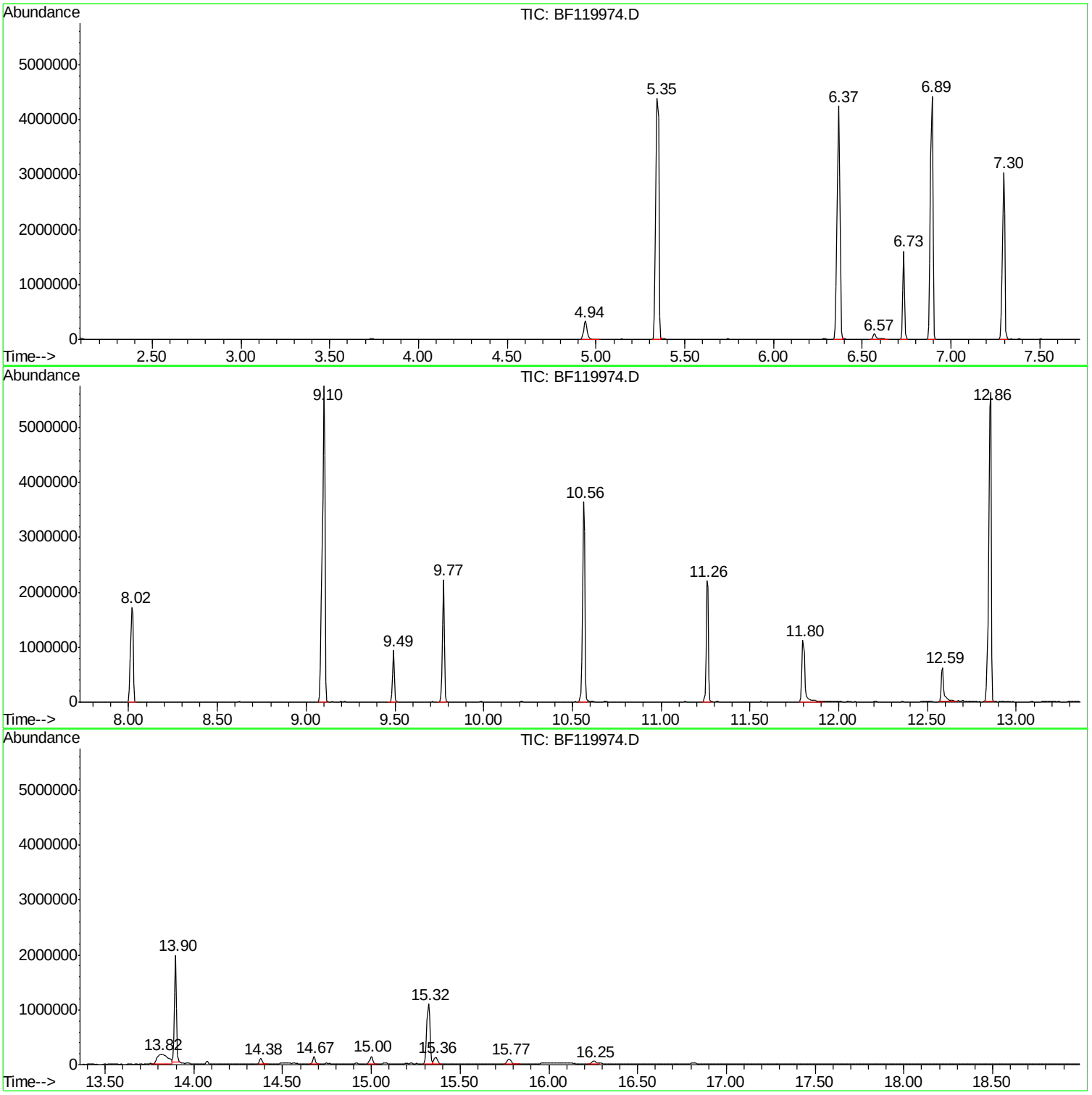
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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

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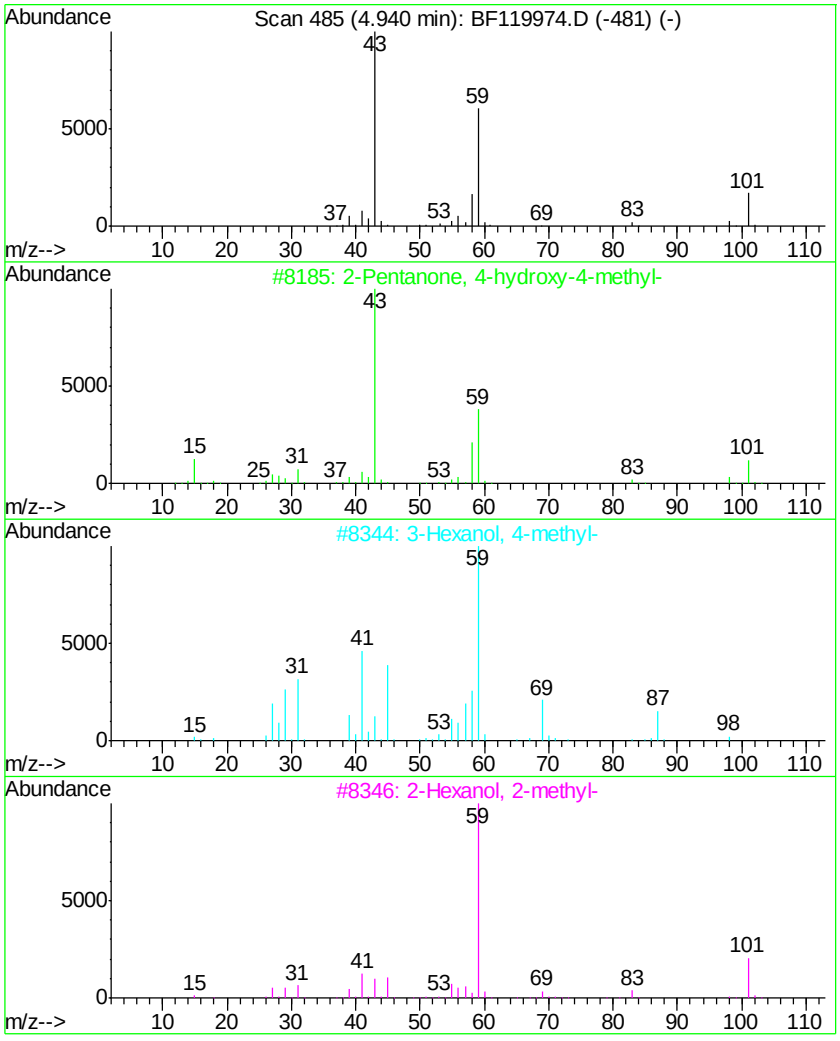
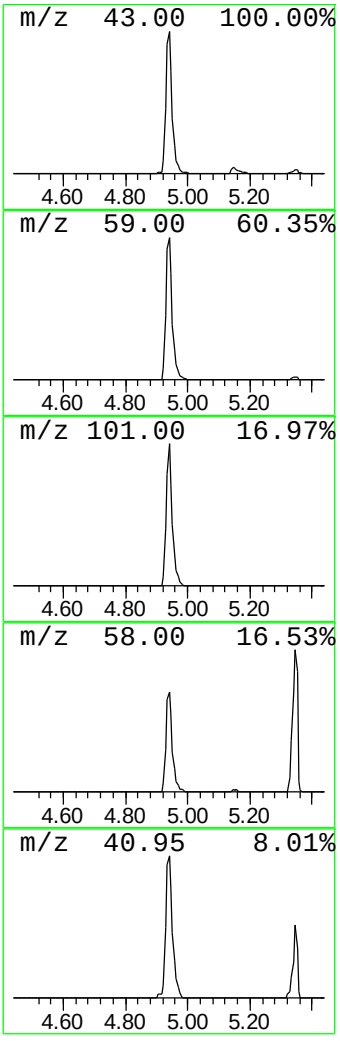
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	7.51 ng	471102	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	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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

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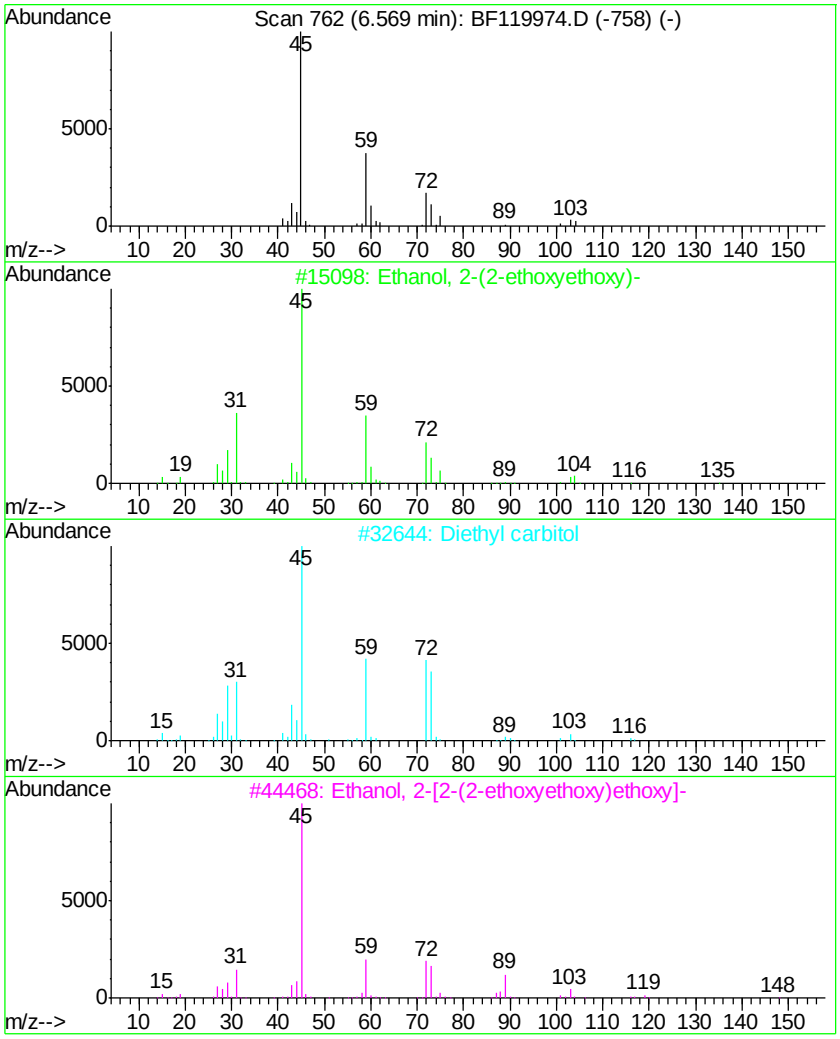
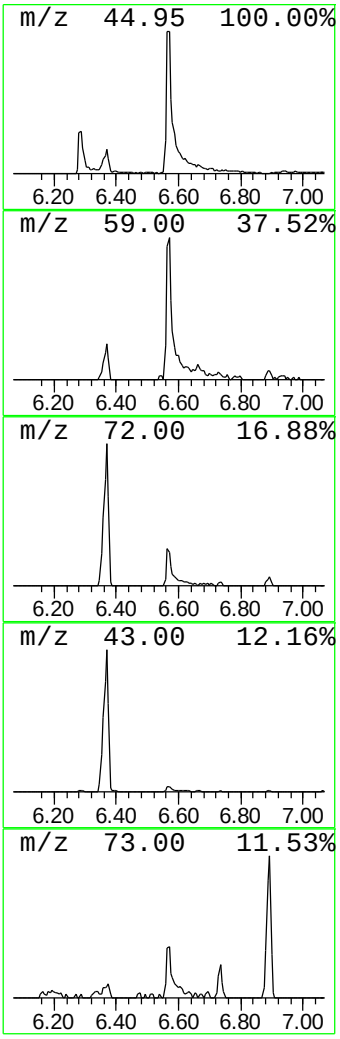
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	2.43 ng	152629	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	74
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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

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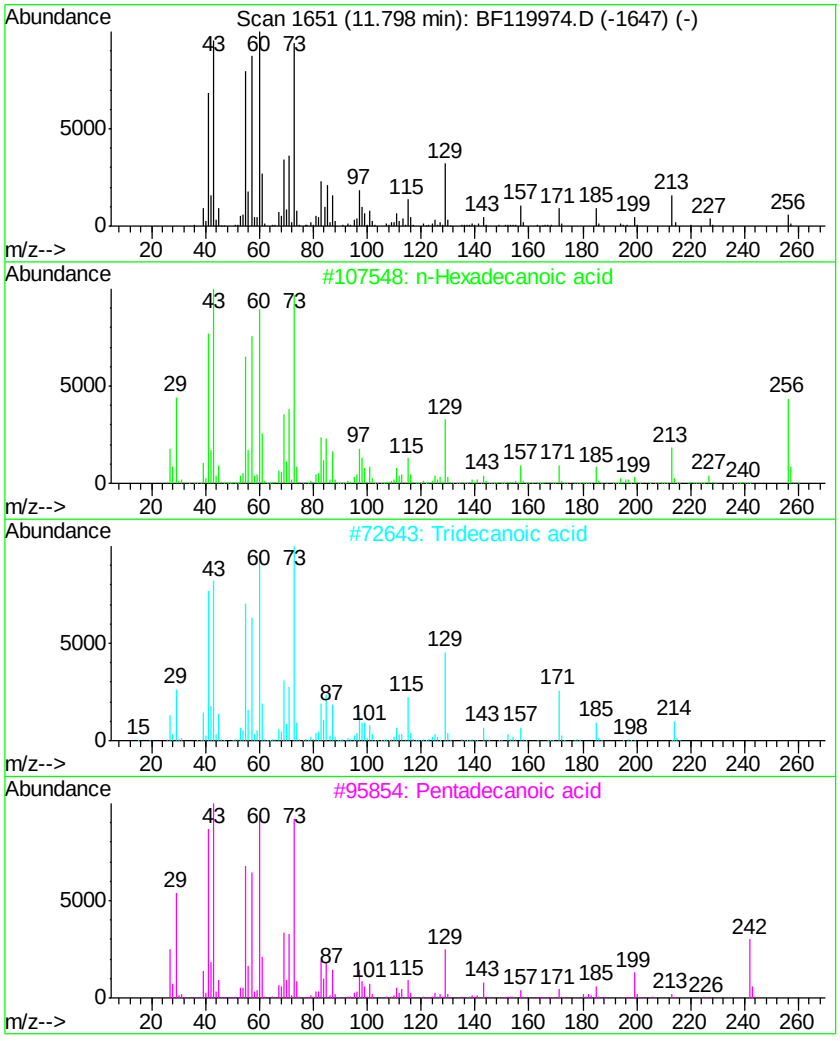
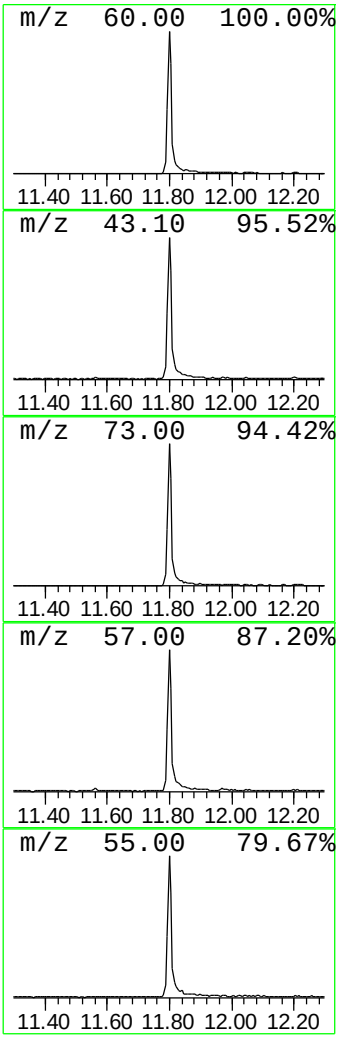
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	12.15 ng	1229430	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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

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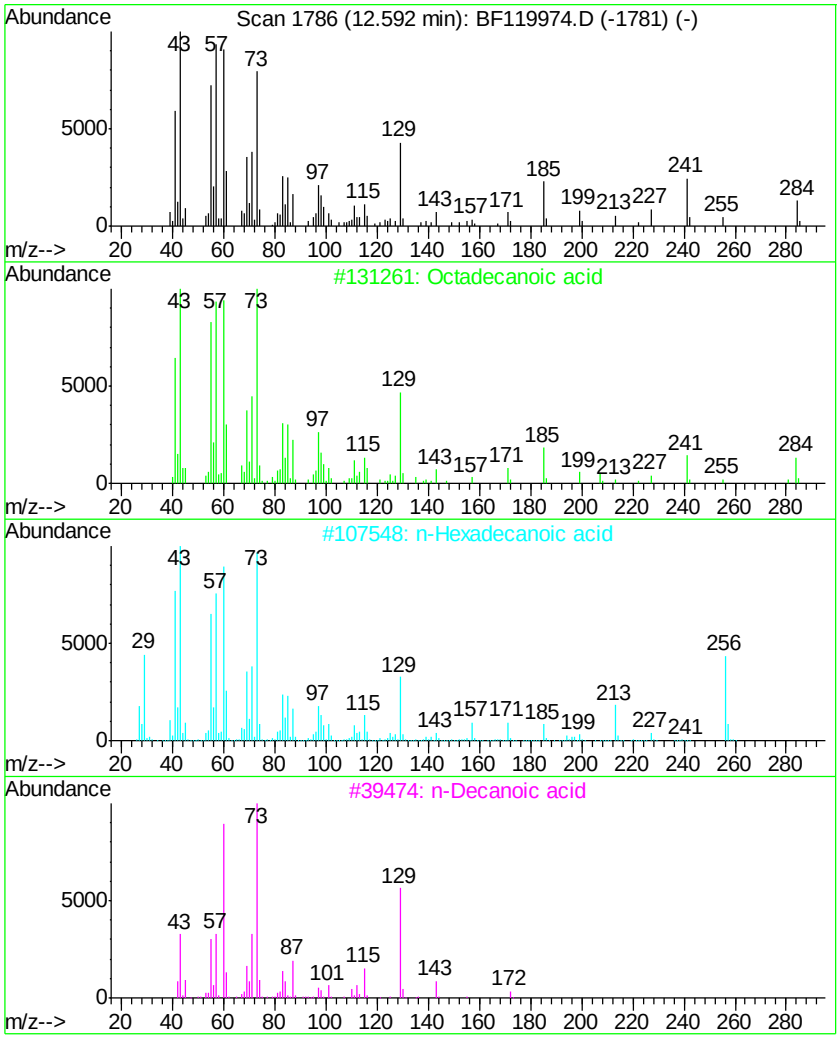
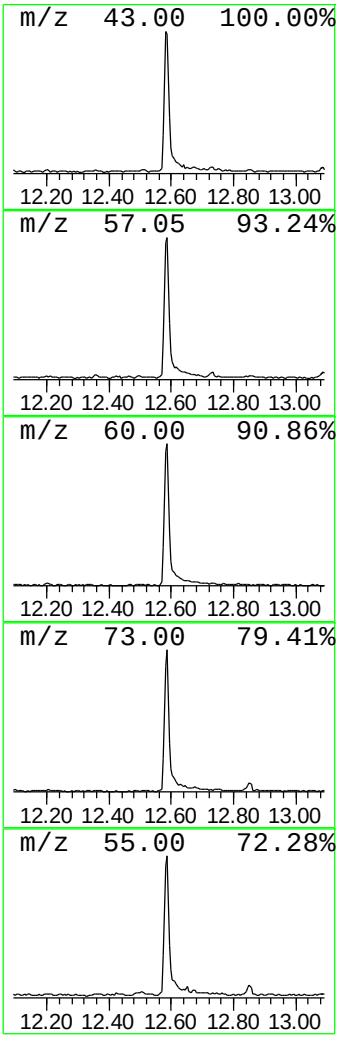
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	8.35 ng	699847	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	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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
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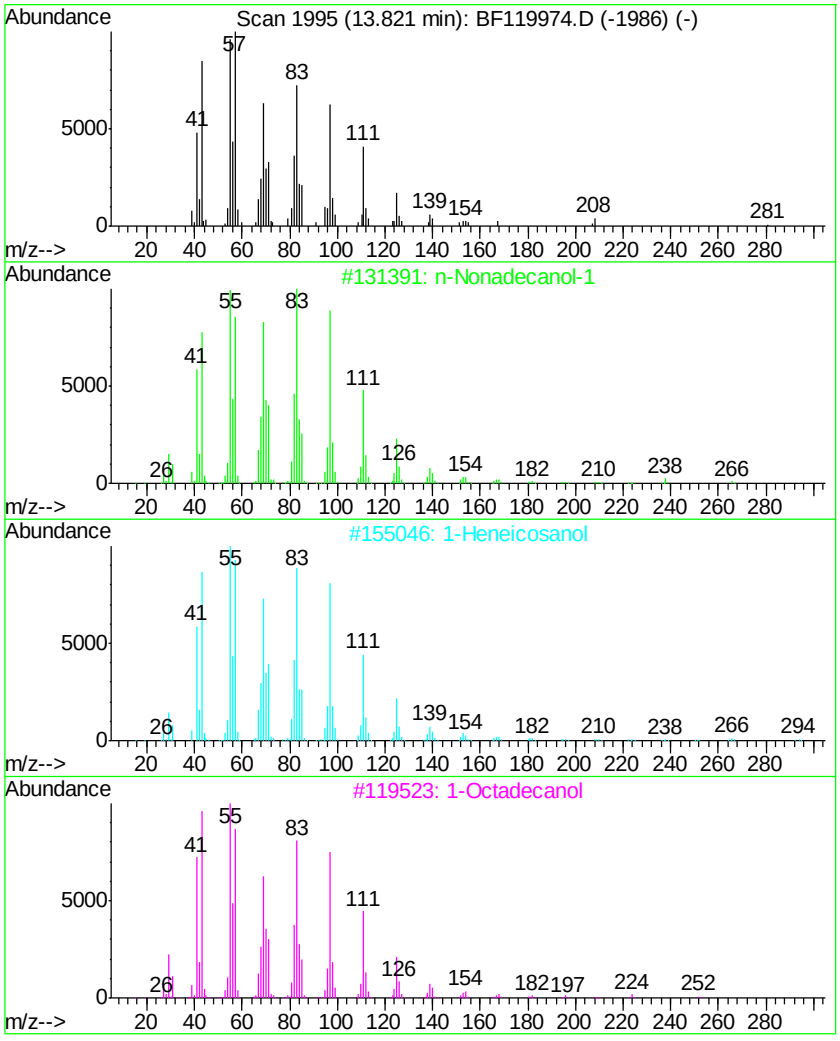
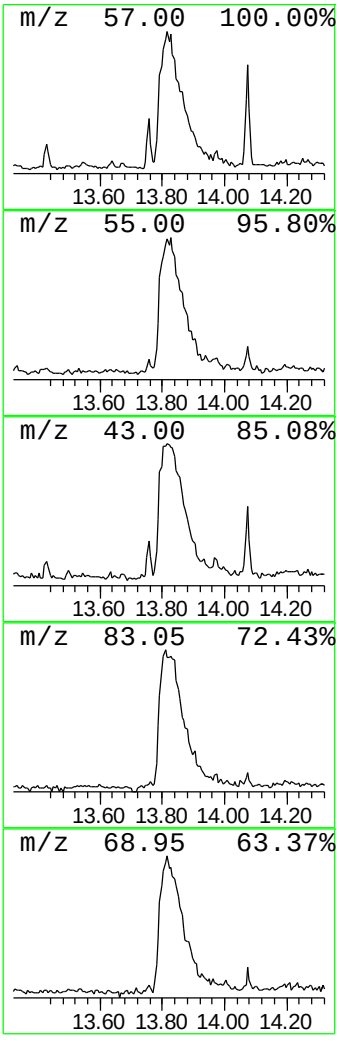
Peak Number 6 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.88 ng	743773	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

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Data File : BF119974.D
Acq On : 15 Apr 2020 1:20
Operator : MA/SJ
Sample : L2215-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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

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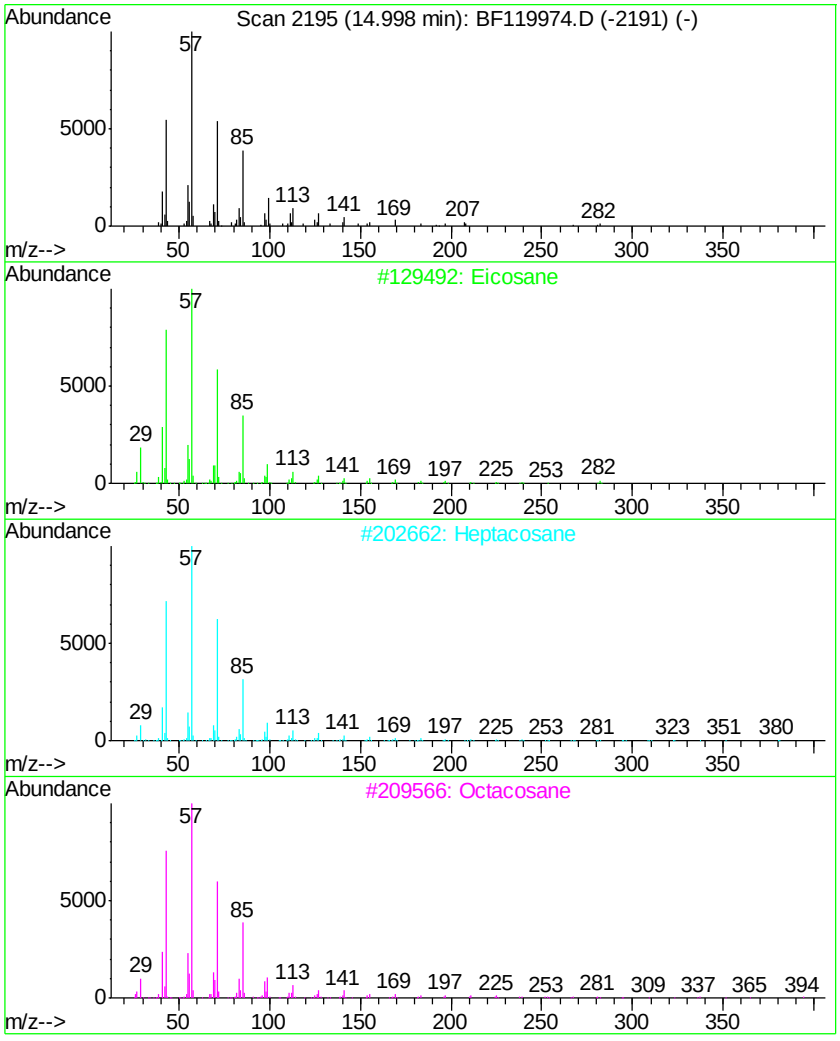
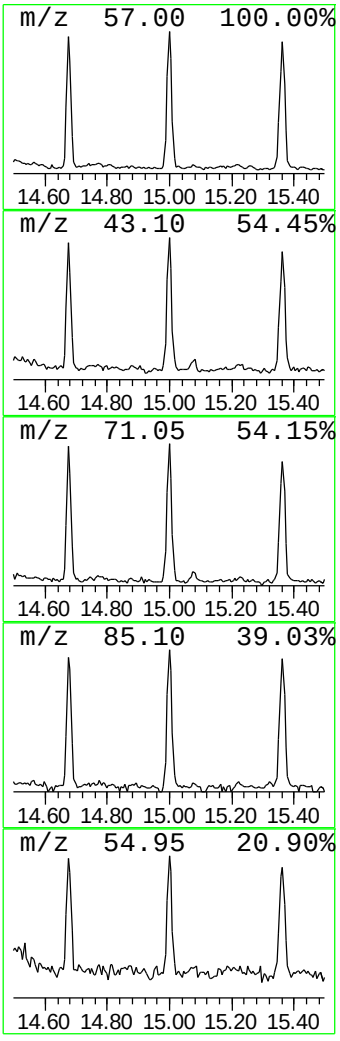
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.33 ng	147320	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Pentacosane	352	C25H52	000629-99-2	87





Tentatively Identified Compound (LSC) summary

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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...	4.94	7.5	ng	471102	1	6.73	1253840	20.0
Ethanol, 2-(2-eth...	6.57	2.4	ng	152629	1	6.73	1253840	20.0
n-Hexadecanoic acid	11.80	12.2	ng	1229430	4	11.26	2024190	20.0
Octadecanoic acid	12.59	8.3	ng	699847	5	13.90	1675290	20.0
n-Nonadecanol-1	13.82	8.9	ng	743773	5	13.90	1675290	20.0
Eicosane	15.00	2.3	ng	147320	6	15.32	1264250	20.0