LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119895.D
Acq On : 10 Apr 2020 15:30
Operator : MA/SJ
Sample : L2178-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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	4.945	482	486	493	rVB	154542	183750	2.29%	0.411%
2	5.357	552	556	560	rBV	2778291	2760494	34.41%	6.170%
3	6.375	725	729	737	rVB	1744867	1666101	20.77%	3.724%
4	6.751	789	793	796	rBV	1205124	1008736	12.58%	2.254%
5	6.910	815	820	823	rBV	5370331	4838366	60.32%	10.814%
6	7.316	883	889	892	rBV	3537395	4257575	53.08%	9.516%
7	8.034	1007	1011	1015	rVB	1456164	1318744	16.44%	2.947%
8	9.116	1189	1195	1198	rBV	6894486	7378231	91.98%	16.490%
9	9.510	1258	1262	1264	rBV	208503	180597	2.25%	0.404%
10	9.792	1302	1310	1313	rBV	1830577	1546498	19.28%	3.456%
11	10.586	1438	1445	1448	rBV	4797675	4944533	61.64%	11.051%
12	11.280	1558	1563	1566	rBV	1756615	1648705	20.55%	3.685%
13	11.816	1649	1654	1669	rBV	855877	816163	10.17%	1.824%
14	12.598	1784	1787	1800	rBV2	319568	369459	4.61%	0.826%
15	12.880	1827	1835	1837	rBV	6710729	8021406	100.00%	17.928%
16	13.821	1989	1995	2008	rBV4	130290	436649	5.44%	0.976%
17	13.921	2008	2012	2015	rVB	1596537	1469715	18.32%	3.285%
18	14.398	2090	2093	2097	rBV	95099	85479	1.07%	0.191%
19	14.698	2141	2144	2148	rBV	133274	122026	1.52%	0.273%
20	15.027	2196	2200	2205	rVB	137179	145075	1.81%	0.324%
21	15.351	2250	2255	2259	rBV	1078322	1295797	16.15%	2.896%
22	15.392	2259	2262	2268	rVB	111793	140474	1.75%	0.314%
23	15.815	2329	2334	2340	rVB	75364	108746	1.36%	0.243%

Sum of corrected areas: 44743319

LSC Report - Integrated Chromatogram

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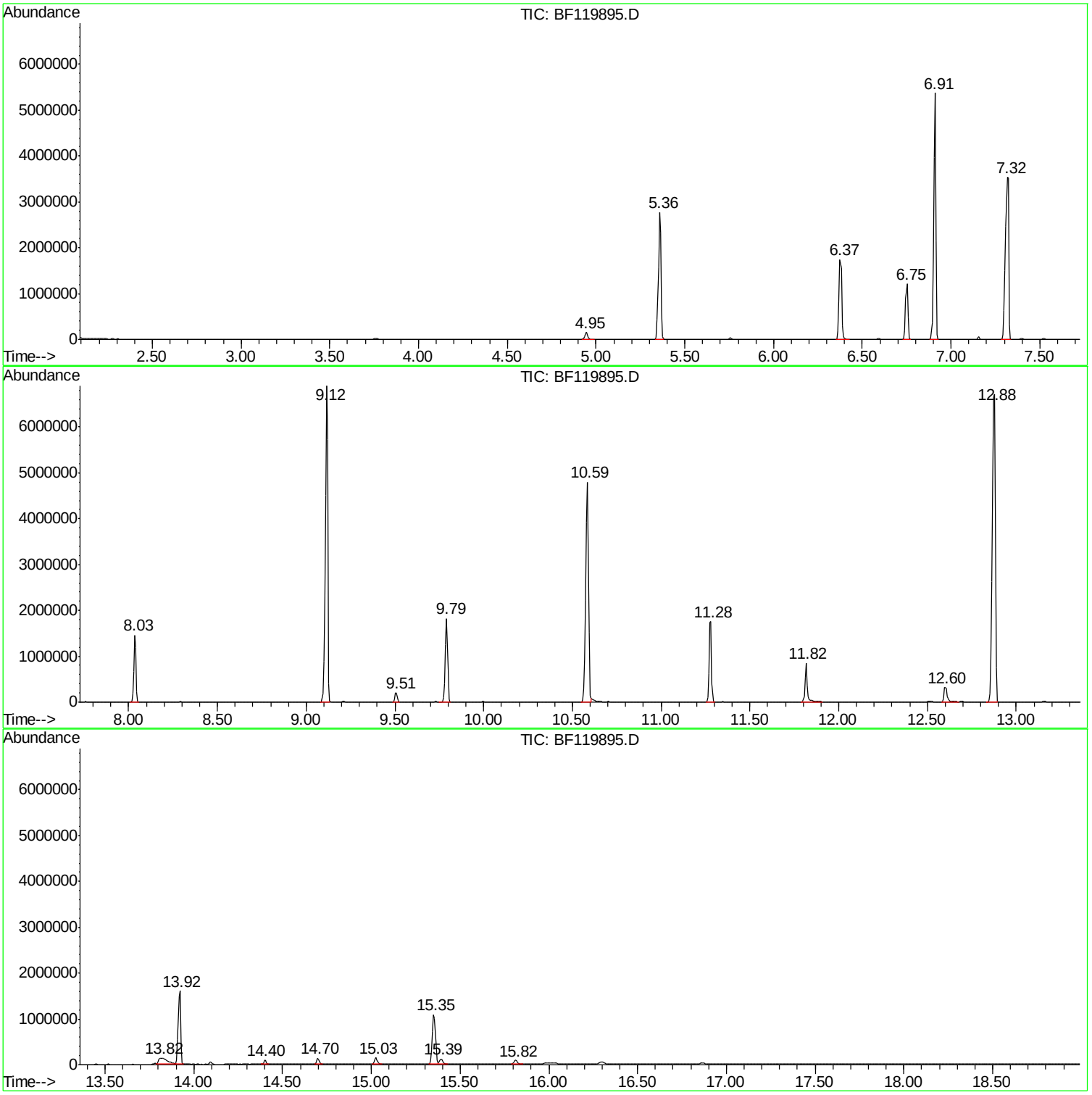
Sample : L2178-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

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

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Operator : MA/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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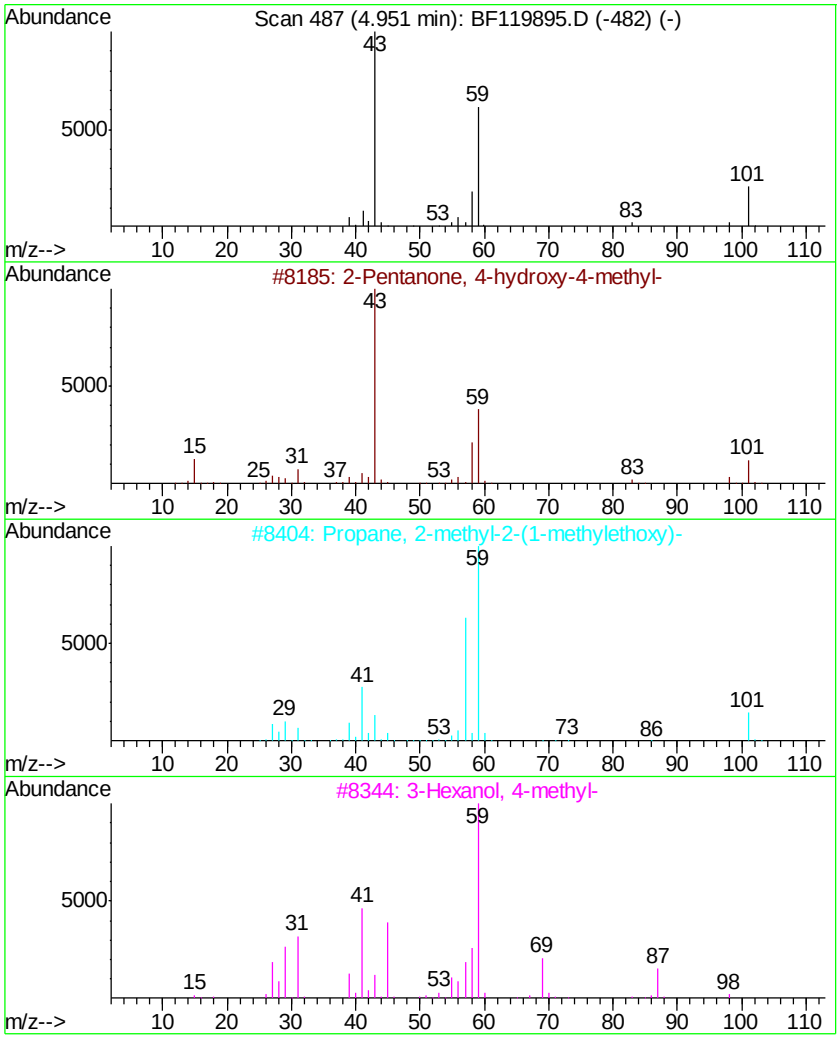
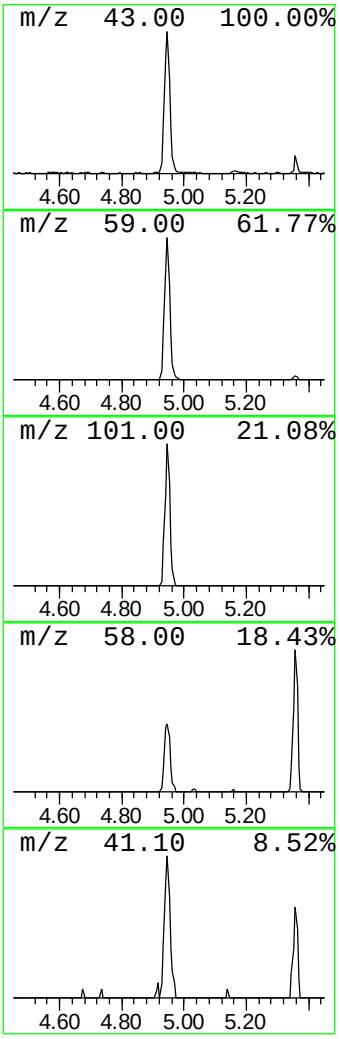
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.64 ng	183750	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Operator : MA/SJ
Sample : L2178-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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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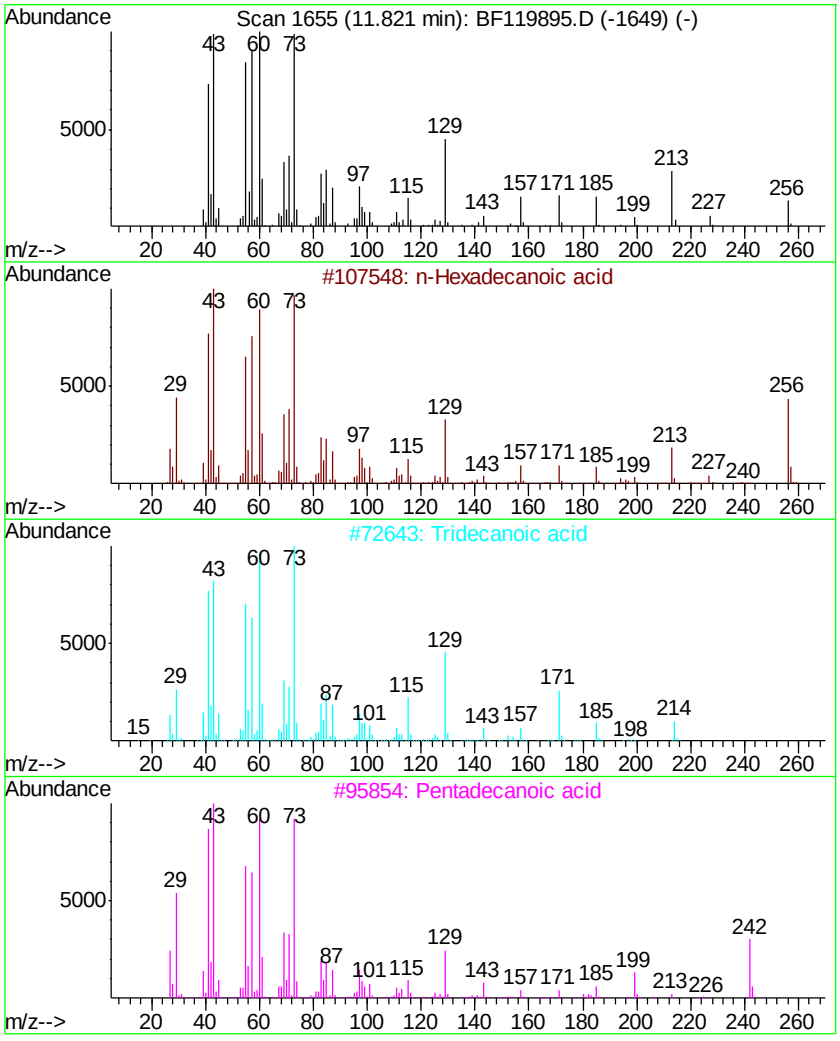
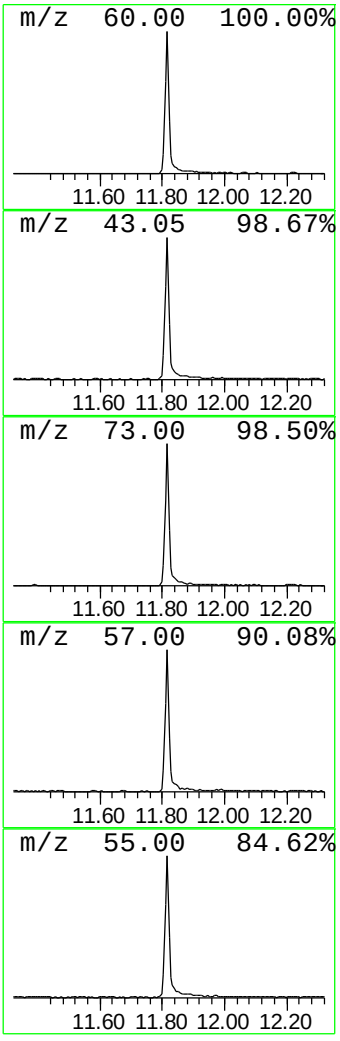
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	9.90 ng	816163	Phenanthrene-d10	11.28

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	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119895.D
Acq On : 10 Apr 2020 15:30
Operator : MA/SJ
Sample : L2178-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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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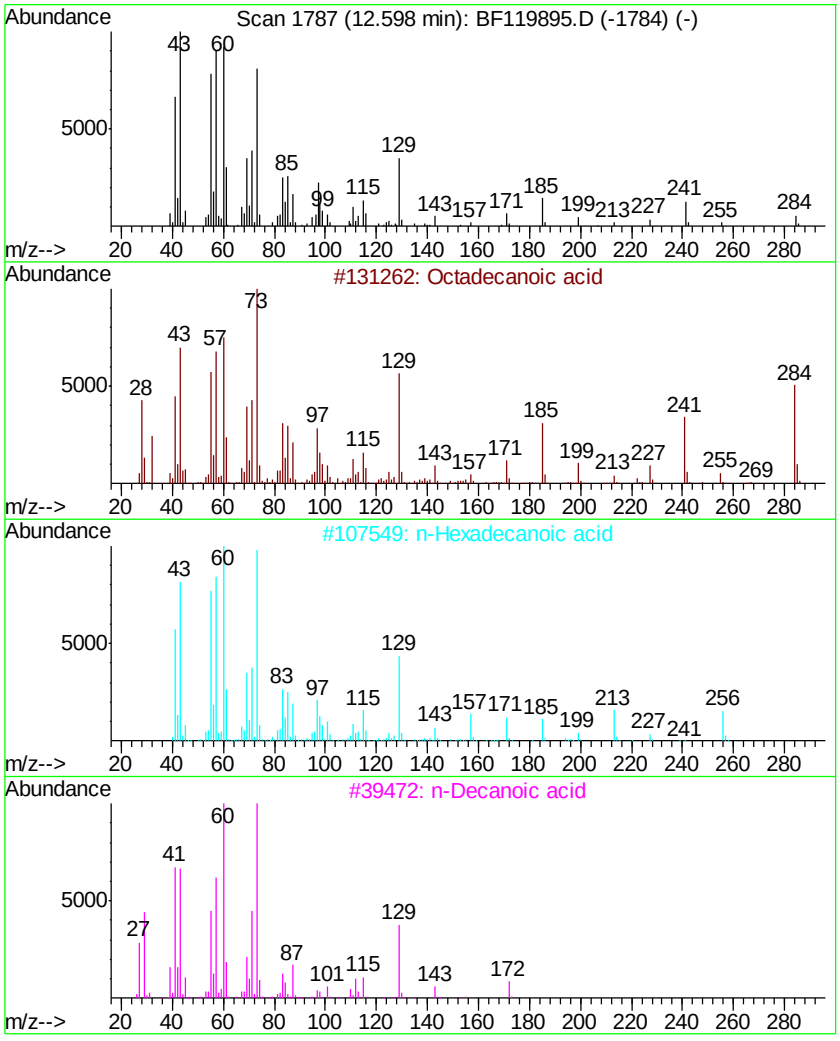
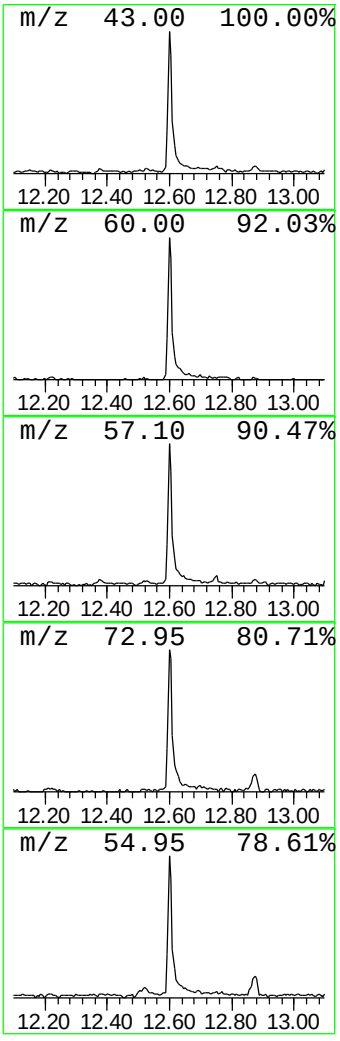
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.48 ng	369459	Phenanthrene-d10	11.28

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	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119895.D
Acq On : 10 Apr 2020 15:30
Operator : MA/SJ
Sample : L2178-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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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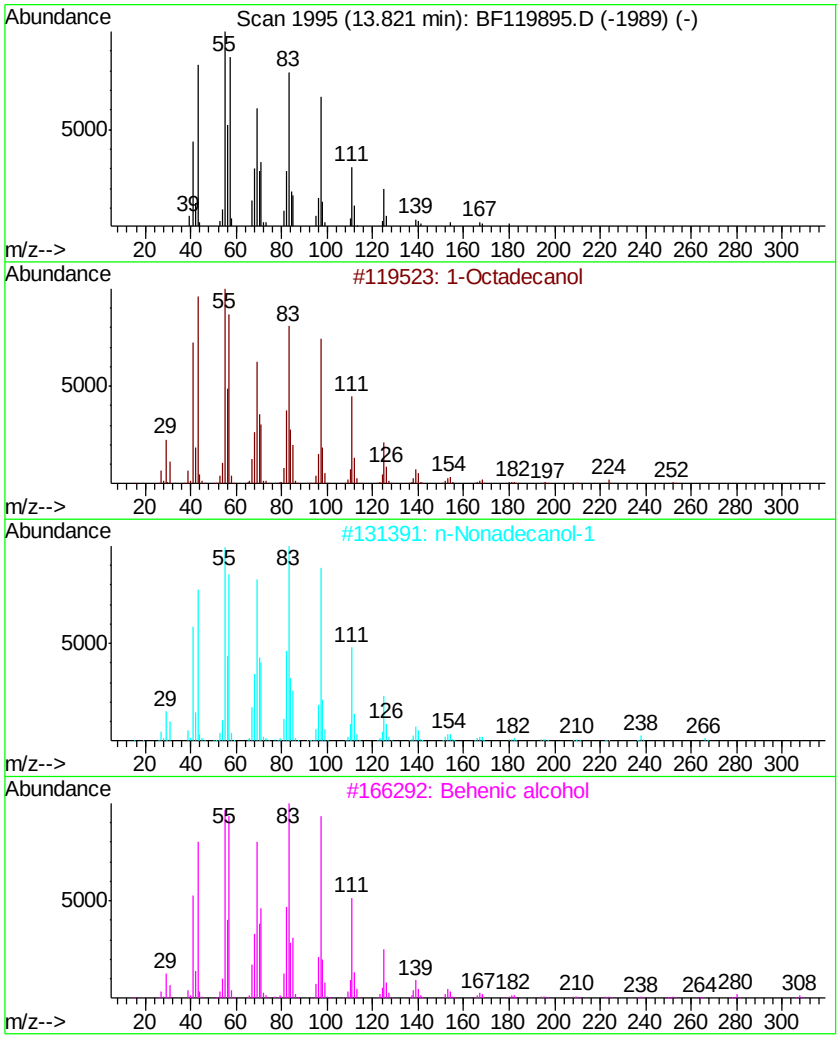
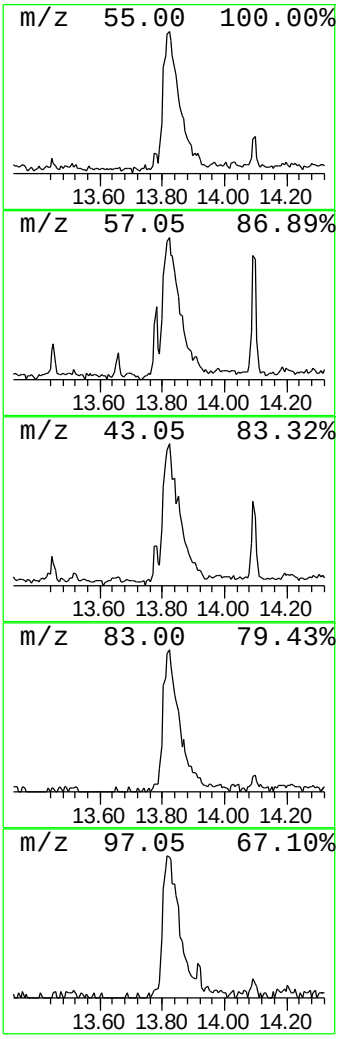
Peak Number 5 1-Octadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.94 ng	436649	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	90
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	Behenic alcohol	326	C22H46O	000661-19-8	83
4	Octacosanol	410	C28H58O	000557-61-9	80
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	64





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Data File : BF119895.D
Acq On : 10 Apr 2020 15:30
Operator : MA/SJ
Sample : L2178-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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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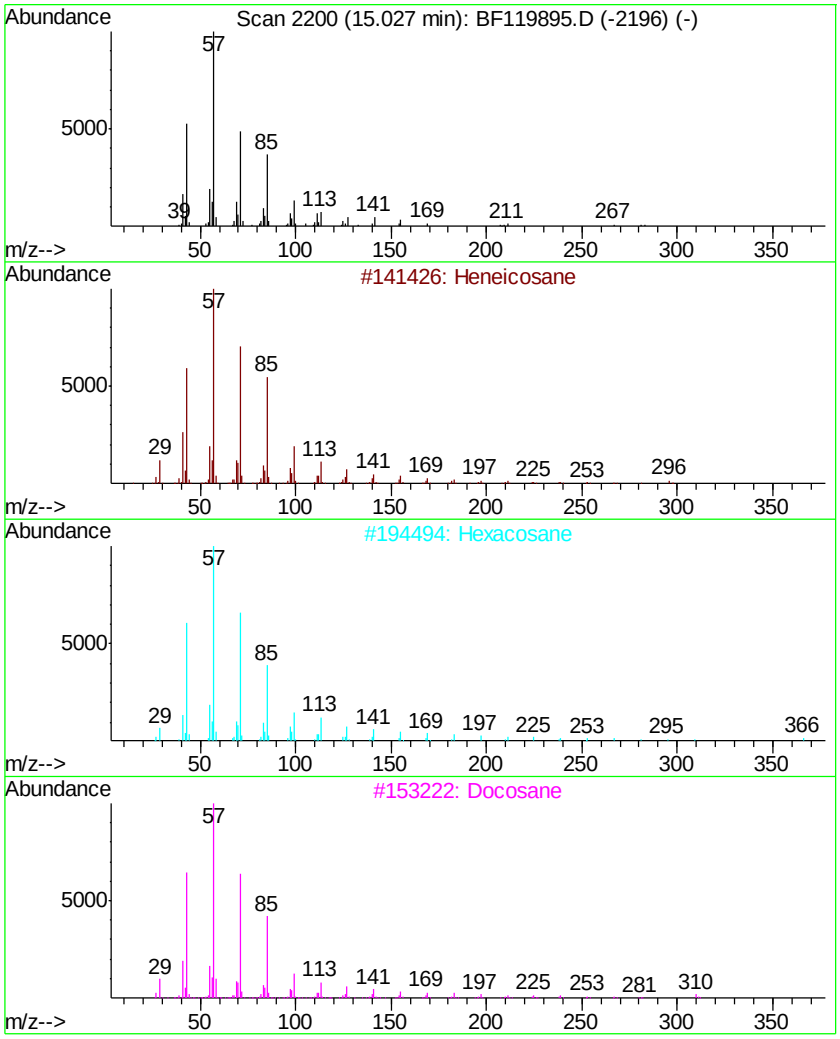
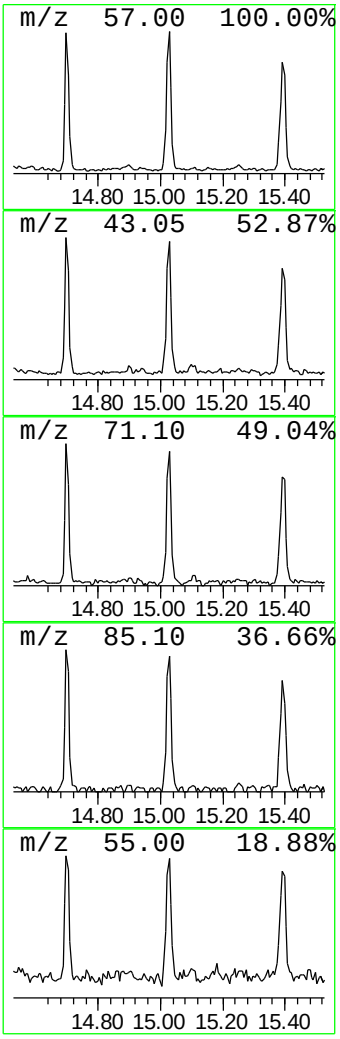
Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.24 ng	145075	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane	310	C22H46	000629-97-0	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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...	4.95	3.6	ng	183750	1	6.75	1008740	20.0
n-Hexadecanoic acid	11.82	9.9	ng	816163	4	11.28	1648710	20.0
Octadecanoic acid	12.60	4.5	ng	369459	4	11.28	1648710	20.0
1-Octadecanol	13.82	5.9	ng	436649	5	13.92	1469720	20.0
Heneicosane	15.03	2.2	ng	145075	6	15.35	1295800	20.0