LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119896.D
Acq On : 10 Apr 2020 15:57
Operator : MA/SJ
Sample : L2178-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2F

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	4.946	482	486	493	rVB	169152	193994	2.50%	0.422%
2	5.357	552	556	560	rBV	2867838	2790065	36.00%	6.073%
3	6.375	725	729	739	rBV	1713968	1692203	21.83%	3.683%
4	6.751	789	793	796	rBV	1350989	1093990	14.11%	2.381%
5	6.910	815	820	823	rBV	5500875	5087090	65.63%	11.073%
6	7.322	883	890	892	rBV	3787558	4409115	56.89%	9.597%
7	8.034	1007	1011	1015	rBV	1588731	1452894	18.74%	3.162%
8	9.116	1189	1195	1198	rBV	6862582	7750884	100.00%	16.871%
9	9.510	1258	1262	1265	rBV	233471	199261	2.57%	0.434%
10	9.792	1305	1310	1313	rBV	1952107	1714816	22.12%	3.733%
11	9.816	1313	1314	1321	rVB	96218	86282	1.11%	0.188%
12	10.586	1438	1445	1448	rBV	4858501	5120128	66.06%	11.145%
13	11.280	1558	1563	1566	rBV	1980839	1777169	22.93%	3.868%
14	11.816	1650	1654	1663	rBV	1025366	979695	12.64%	2.132%
15	12.604	1784	1788	1798	rBV	645702	634806	8.19%	1.382%
16	12.716	1804	1807	1811	rVB	209734	197564	2.55%	0.430%
17	12.874	1828	1834	1837	rBV	6404576	7096026	91.55%	15.445%
18	13.798	1984	1991	1999	rBV	265179	473346	6.11%	1.030%
19	13.921	2008	2012	2015	rBV	1687725	1531963	19.77%	3.335%
20	14.698	2142	2144	2149	rVB	105955	101185	1.31%	0.220%
21	15.027	2196	2200	2204	rVB	95462	105262	1.36%	0.229%
22	15.351	2250	2255	2259	rBV	1016594	1265556	16.33%	2.755%
23	15.392	2259	2262	2267	rVB	94341	109831	1.42%	0.239%
24	15.810	2329	2333	2338	rVB	55106	79602	1.03%	0.173%

Sum of corrected areas: 45942727

LSC Report - Integrated Chromatogram

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Misc :
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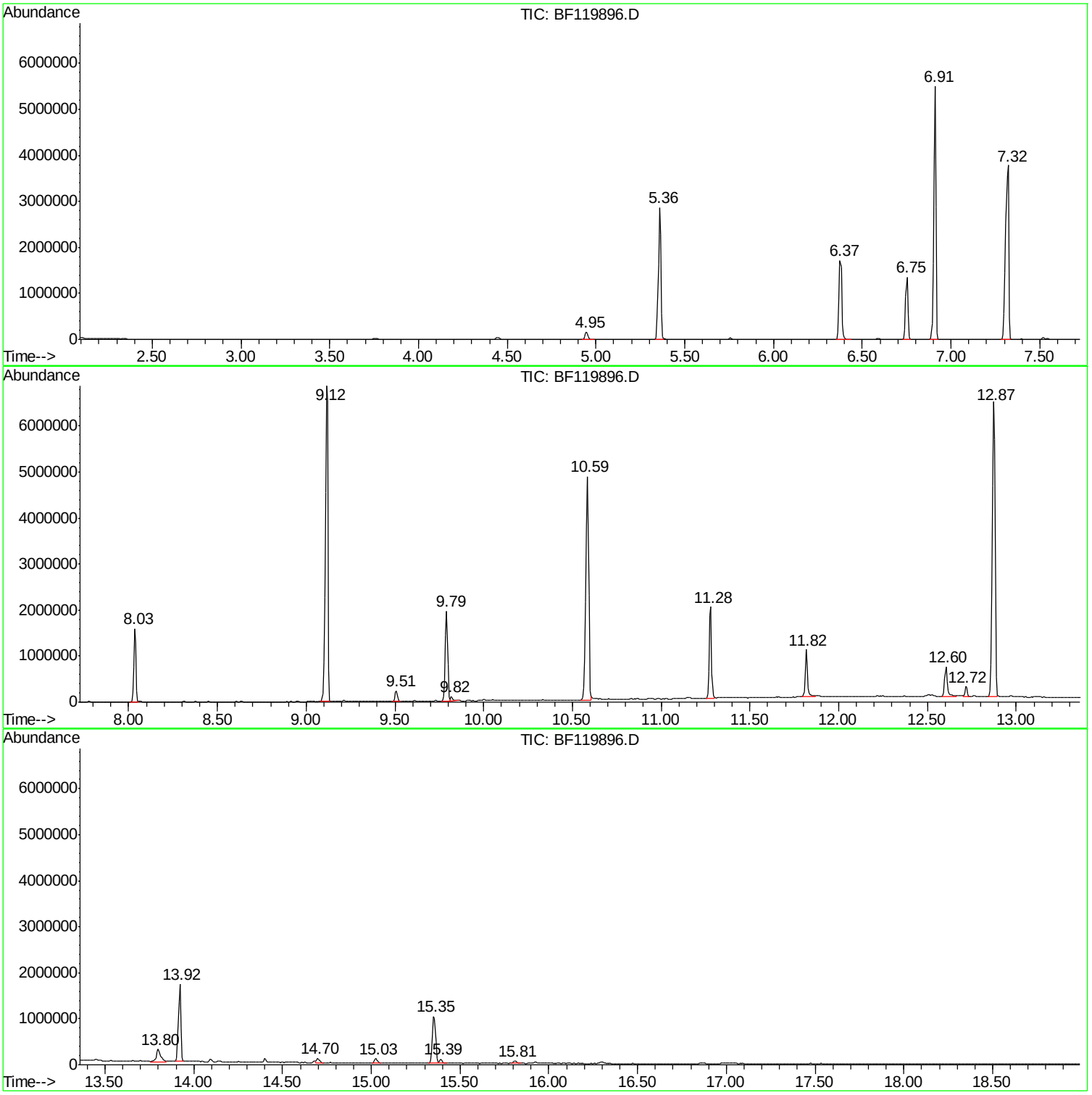
Instrument : BNA_F
ClientSampleId : MW-2F

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

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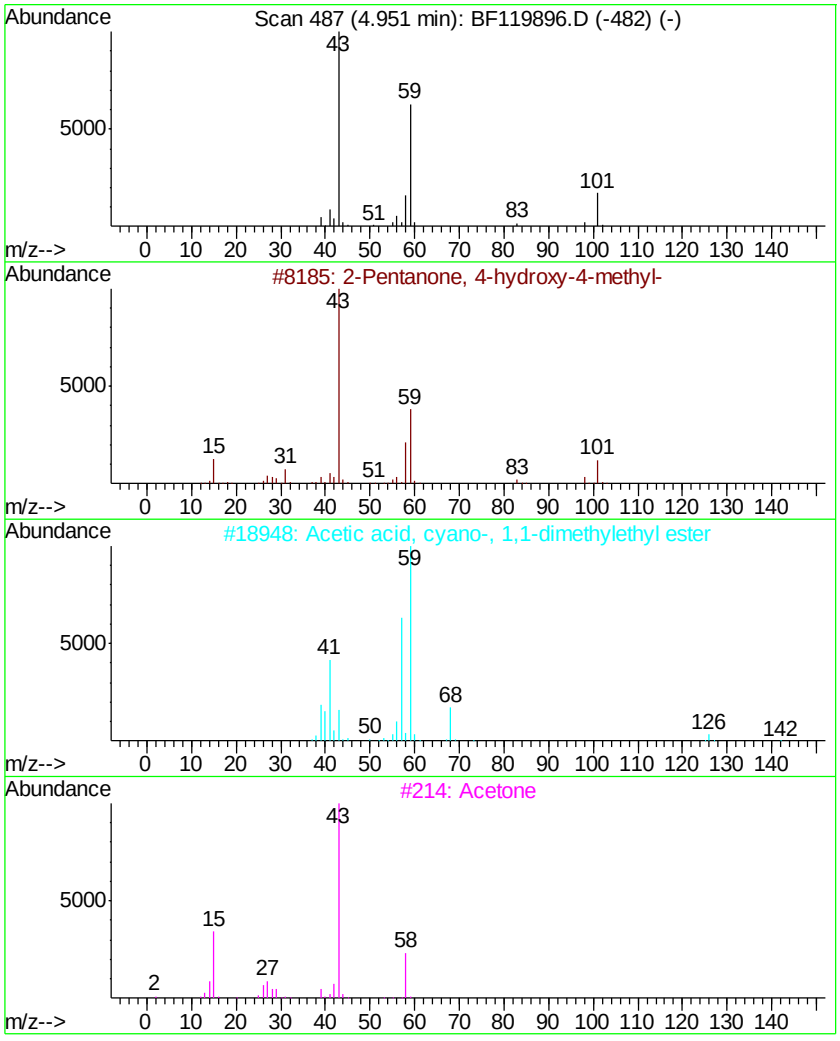
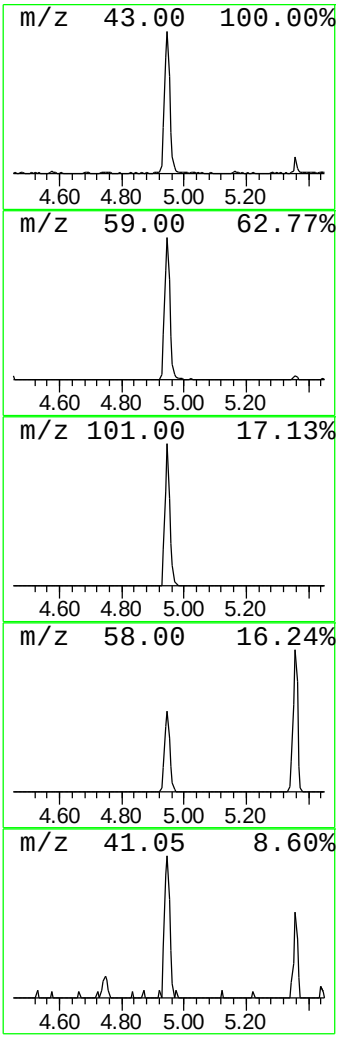
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.55 ng	193994	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Instrument : BNA_F
ClientSampleId : MW-2F

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

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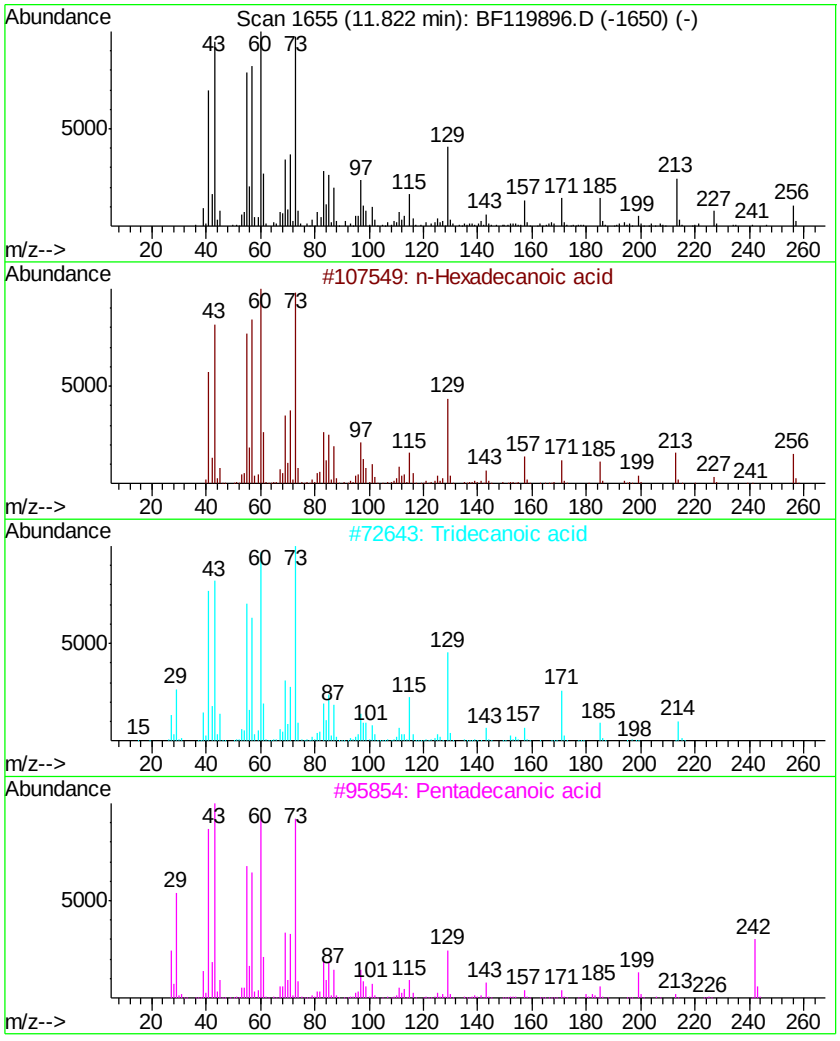
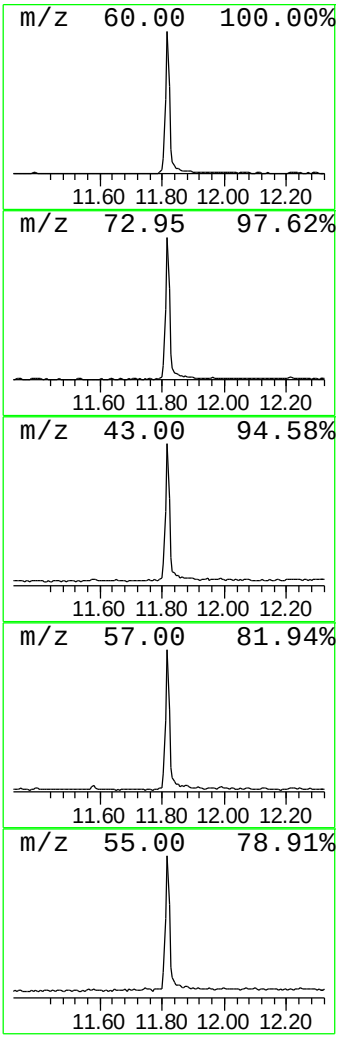
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	11.03 ng	979695	Phenanthrene-d10	11.28

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	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Data File : BF119896.D
Acq On : 10 Apr 2020 15:57
Operator : MA/SJ
Sample : L2178-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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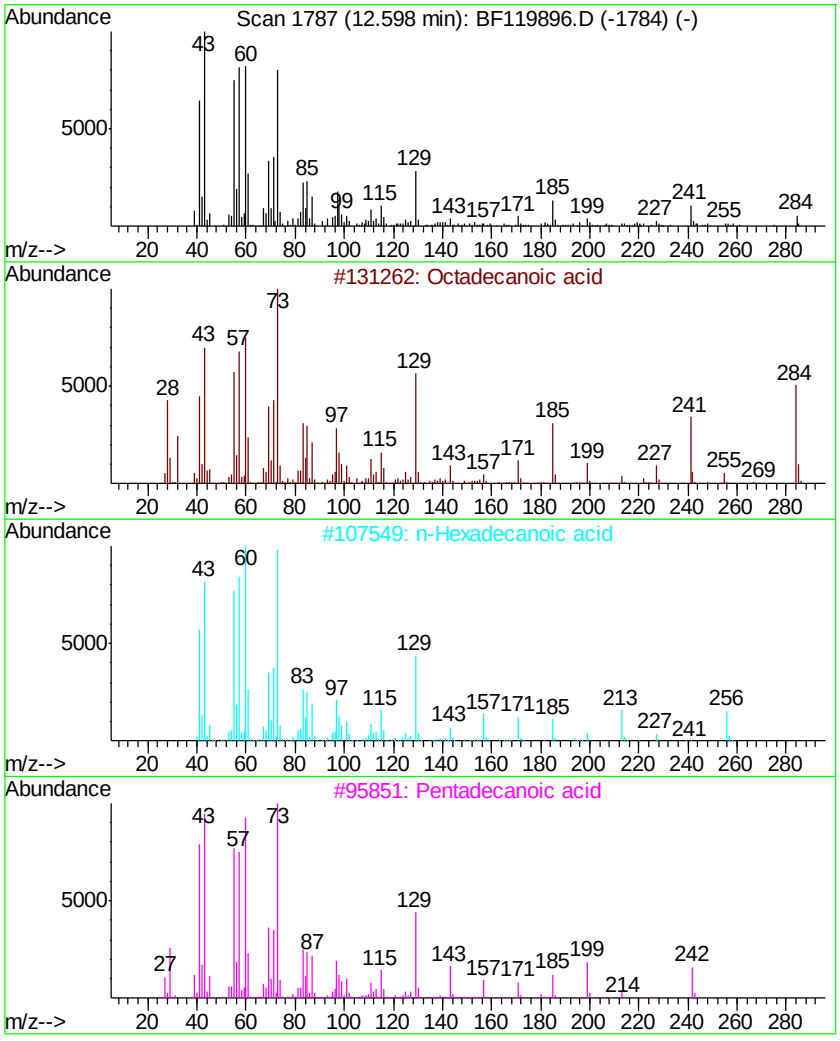
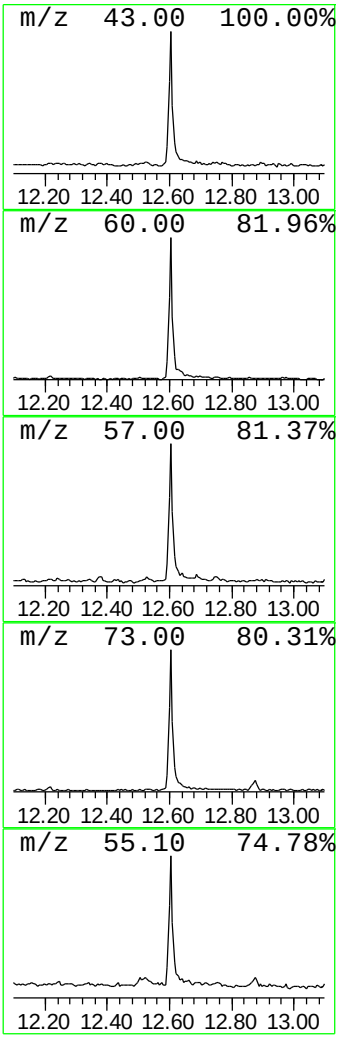
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	8.29 ng	634806	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	25





Library Search Compound Report

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Sample : L2178-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2F

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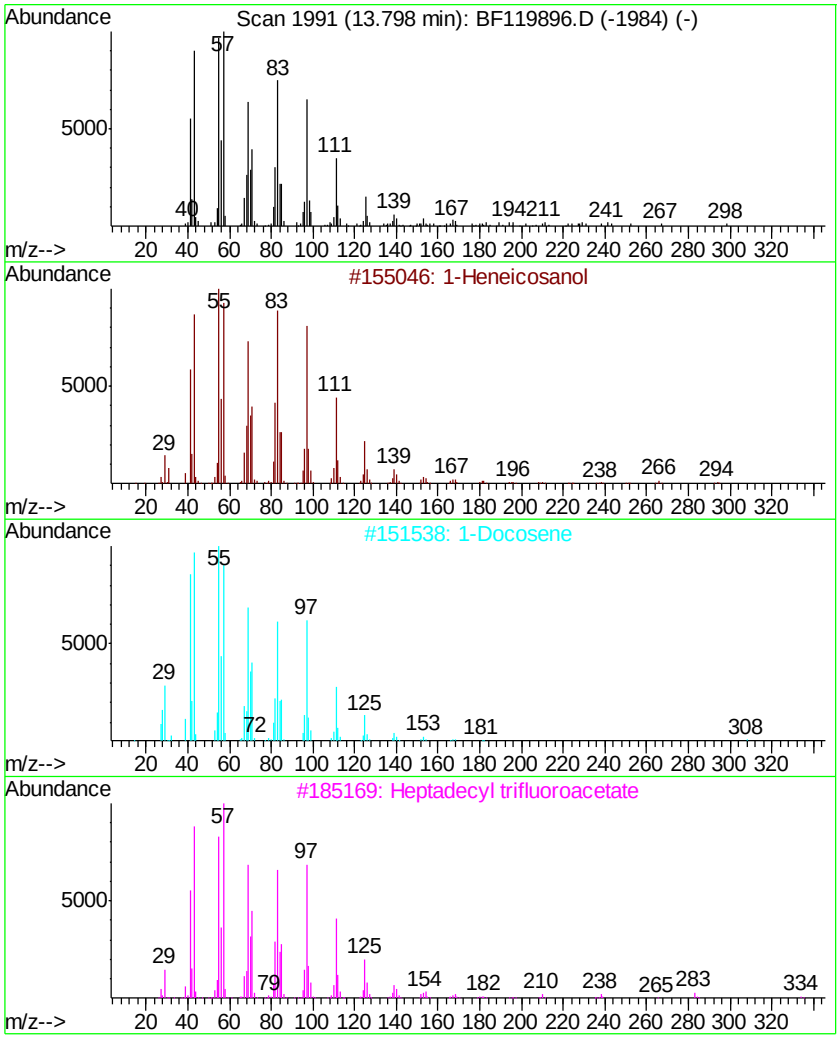
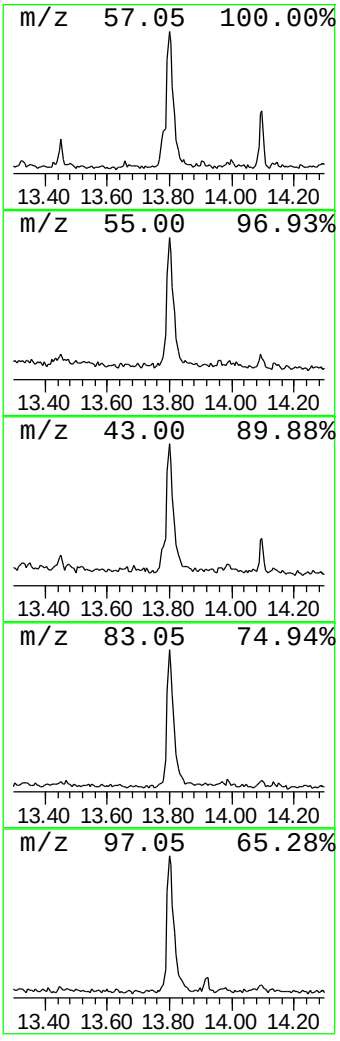
Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.18 ng	473346	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Docosene	308	C22H44	001599-67-3	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





Tentatively Identified Compound (LSC) summary

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Data File : BF119896.D
Acq On : 10 Apr 2020 15:57
Operator : MA/SJ
Sample : L2178-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2F

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	3.5	ng	193994	1	6.75	1093990	20.0
n-Hexadecanoic acid	11.82	11.0	ng	979695	4	11.28	1777170	20.0
Octadecanoic acid	12.60	8.3	ng	634806	5	13.92	1531960	20.0
1-Heneicosanol	13.80	6.2	ng	473346	5	13.92	1531960	20.0