LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119654.D
Acq On : 31 Mar 2020 16:20
Operator : MA/SJ
Sample : L2042-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

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	2.210	17	21	33	rVB2	95598	167023	2.18%	0.293%
2	2.904	133	139	145	rBV2	47633	82250	1.07%	0.144%
3	5.045	499	503	514	rVB	131281	168149	2.20%	0.295%
4	5.440	565	570	574	rBV	6220289	6593898	86.12%	11.557%
5	6.275	705	712	722	rBV3	112368	211323	2.76%	0.370%
6	6.457	737	743	746	rBV	6084313	6573983	85.86%	11.522%
7	6.563	759	761	768	rBV3	58313	86492	1.13%	0.152%
8	6.828	802	806	809	rBV	2310334	1821133	23.78%	3.192%
9	6.986	828	833	836	rBV	6254467	5383256	70.31%	9.435%
10	7.392	896	902	905	rBV	4534583	4393481	57.38%	7.700%
11	7.857	978	981	984	rVB	169532	141443	1.85%	0.248%
12	8.110	1020	1024	1028	rBV	2551764	2365331	30.89%	4.146%
13	9.198	1203	1209	1212	rBV	7880223	7656764	100.00%	13.420%
14	9.586	1272	1275	1279	rBV	410118	297558	3.89%	0.522%
15	9.875	1320	1324	1327	rBV	3198655	2543882	33.22%	4.459%
16	10.663	1454	1458	1462	rBV	4647211	4439371	57.98%	7.781%
17	11.363	1573	1577	1580	rBV	2800397	2346182	30.64%	4.112%
18	11.898	1664	1668	1677	rBV	1110585	1199601	15.67%	2.103%
19	12.580	1781	1784	1786	rBV	103408	88883	1.16%	0.156%
20	12.680	1799	1801	1809	rBV	309465	408386	5.33%	0.716%
21	12.804	1820	1822	1825	rVB	98101	83915	1.10%	0.147%
22	12.957	1844	1848	1851	rBV	6392181	5894745	76.99%	10.332%
23	13.880	2001	2005	2014	rBV	788285	1238075	16.17%	2.170%
24	14.010	2023	2027	2033	rBV	1678127	1600172	20.90%	2.805%
25	15.480	2273	2277	2281	rVB	1084206	1269527	16.58%	2.225%

Sum of corrected areas: 57054823

LSC Report - Integrated Chromatogram

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Misc :
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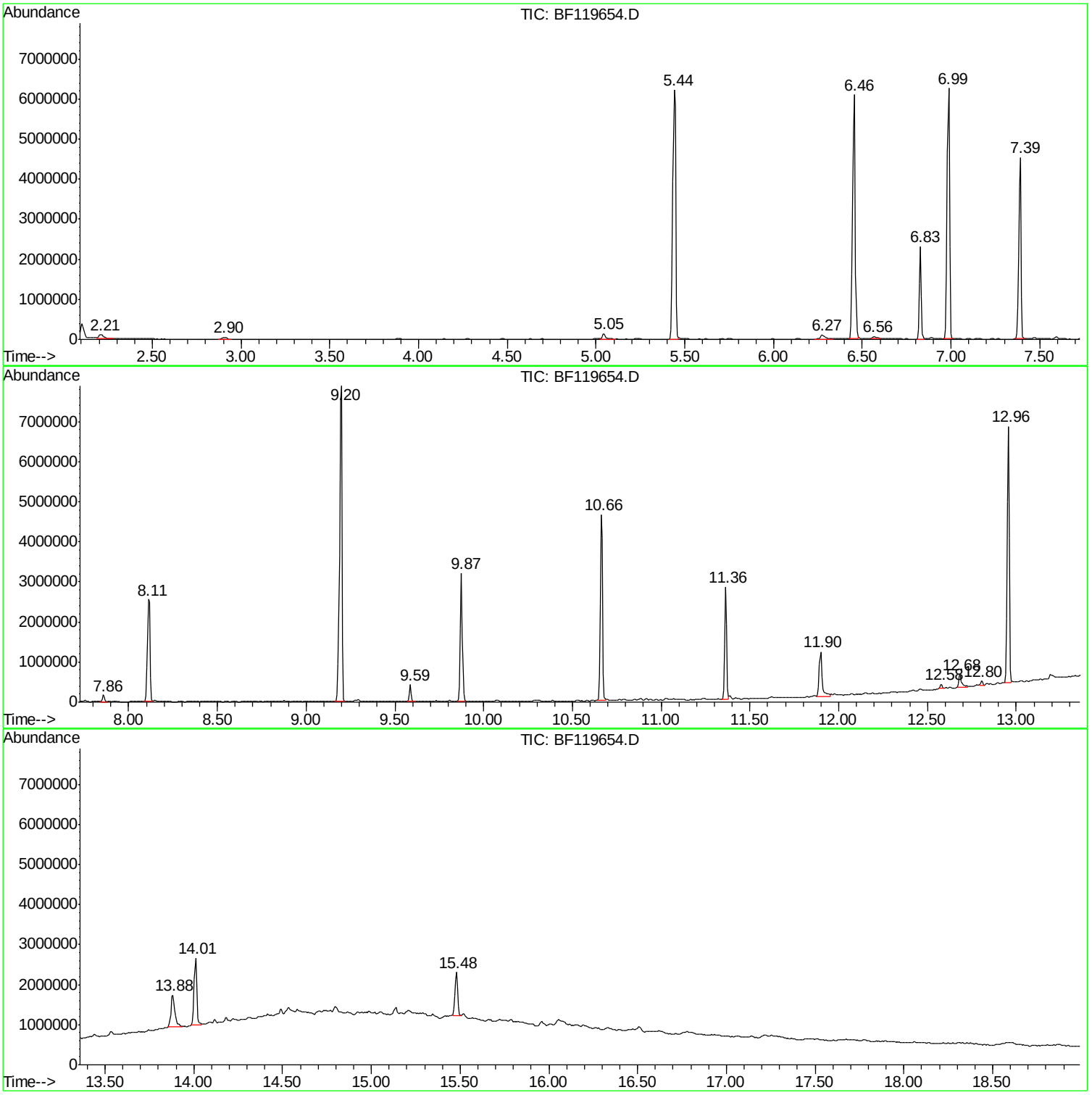
Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

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



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Sample : L2042-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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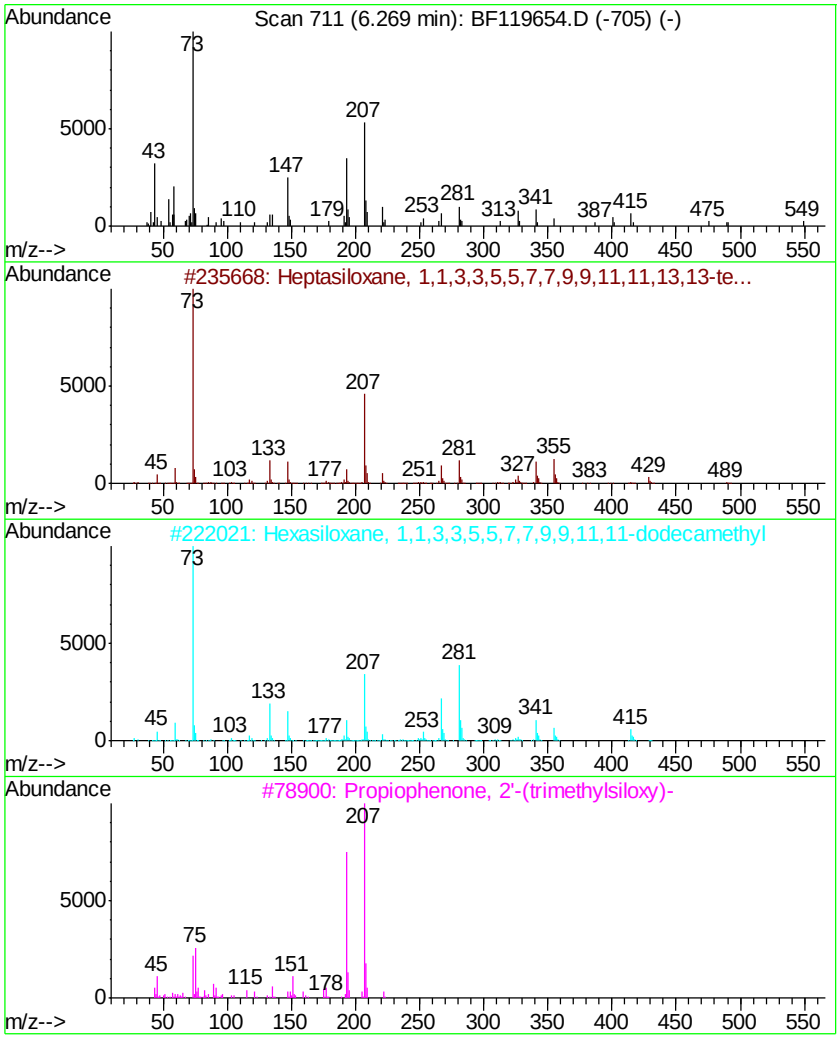
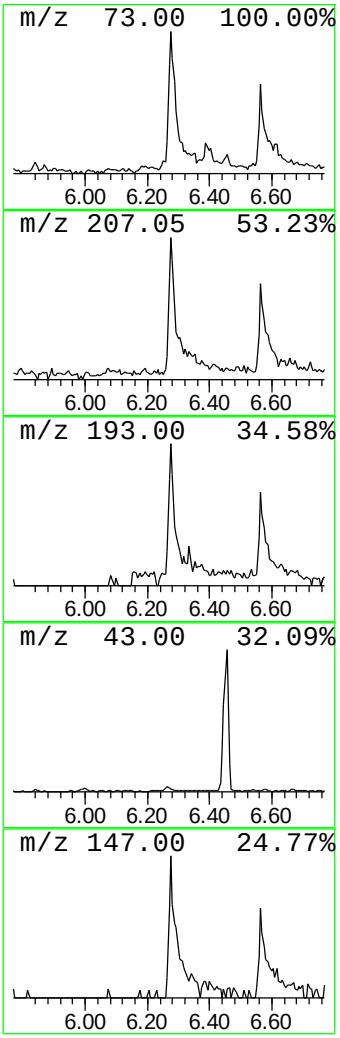
Peak Number 1 unknown6.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	2.32 ng	211323	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	47
2	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	35
3	Propiophenone, 2'-(trimethylsilo...	222	C12H18O2Si	033342-87-9	32
4	5,5'-Di(ethoxycarbonyl)-3,3'-dim...	402	C23H34N2O4	102586-97-0	27
5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	27





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

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

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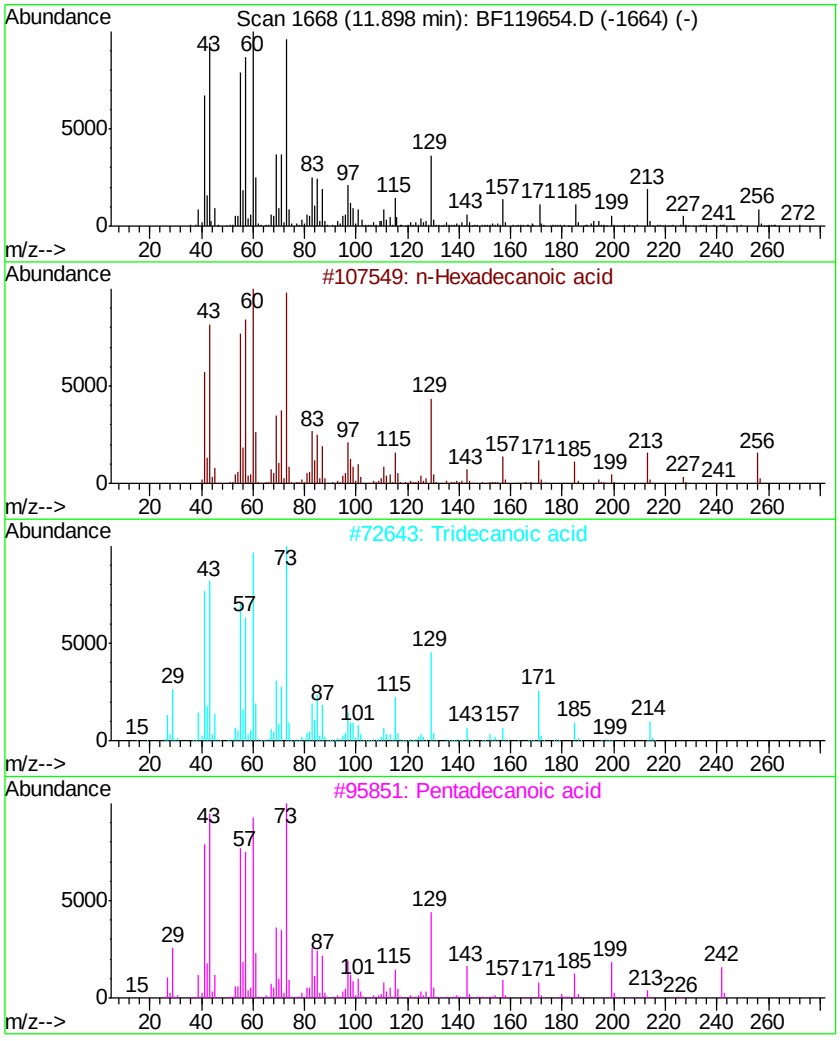
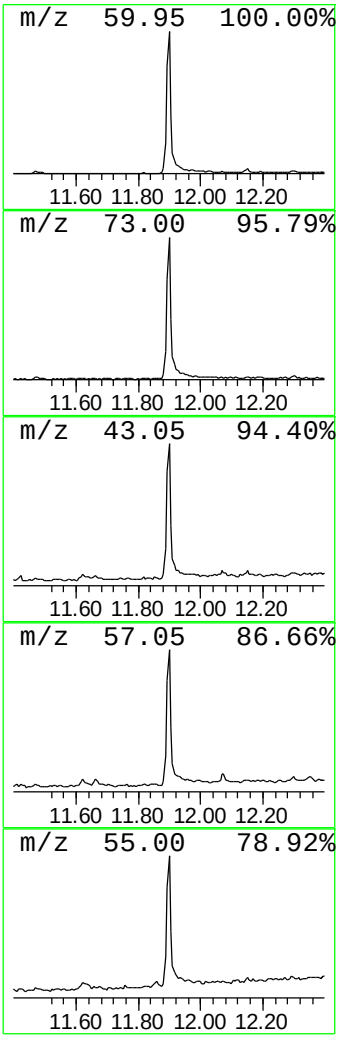
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.23 ng	1199600	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

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Operator : MA/SJ
Sample : L2042-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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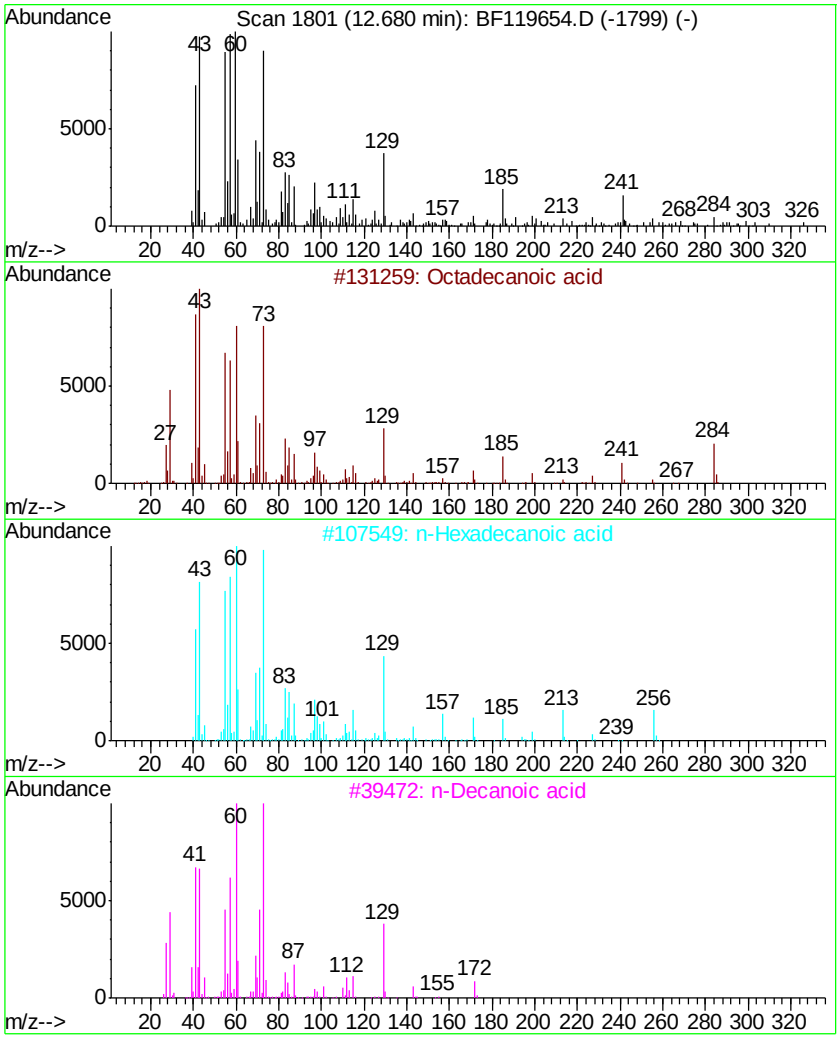
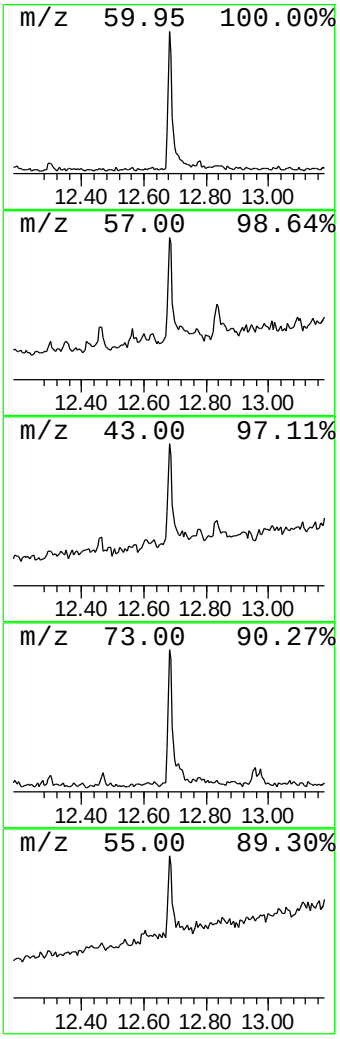
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.48 ng	408386	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	50
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	35





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

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

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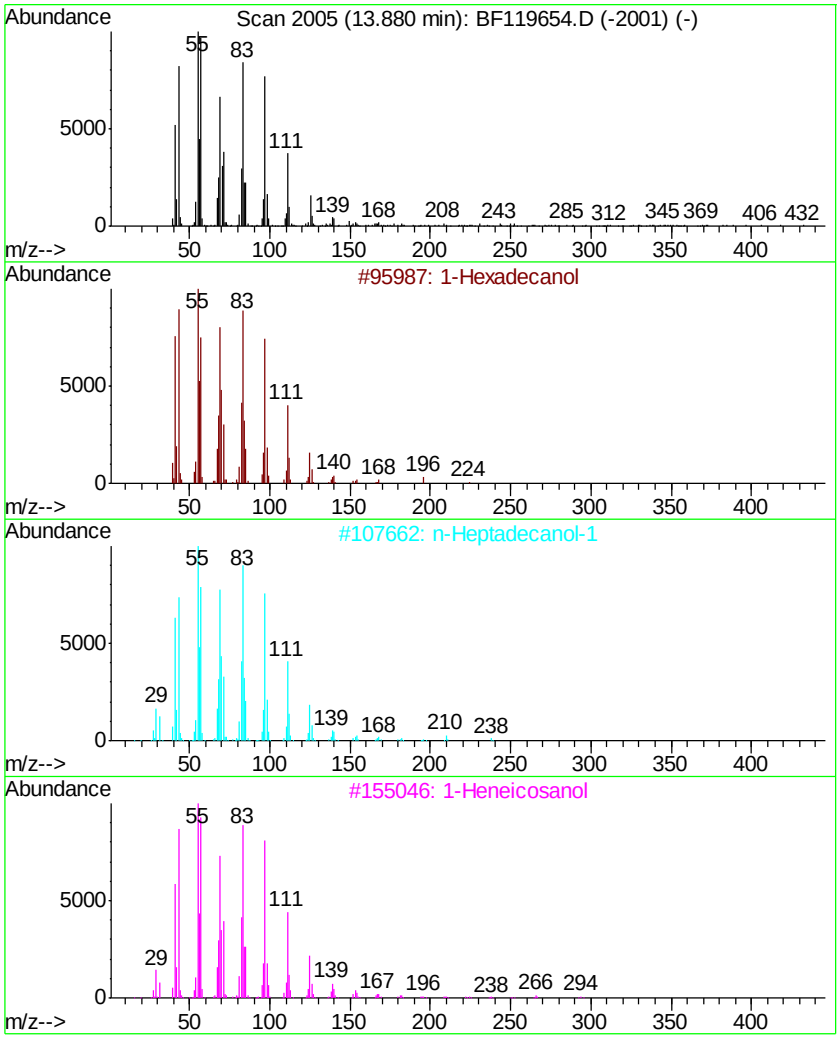
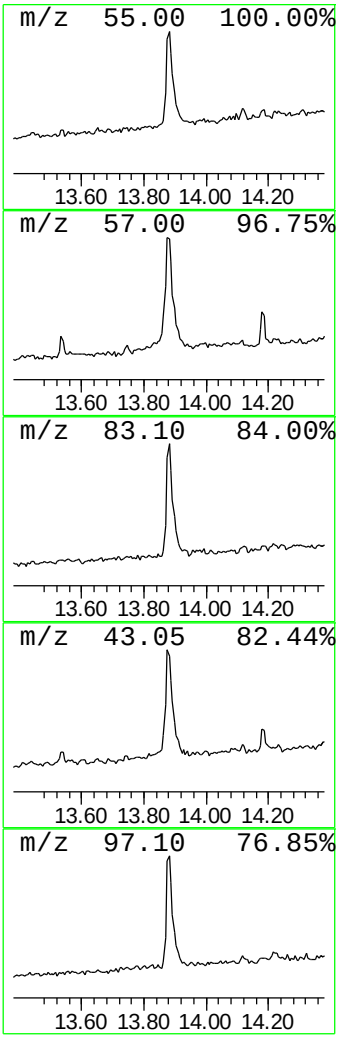
Peak Number 5 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	15.47 ng	1238080	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	9-Nonadecene	266	C19H38	031035-07-1	91





Tentatively Identified Compound (LSC) summary

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Operator : MA/SJ
Sample : L2042-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-5.5-6.0

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
unknown6.27	6.27	2.3	ng	211323	1	6.83	1821130	20.0
n-Hexadecanoic acid	11.90	10.2	ng	1199600	4	11.36	2346180	20.0
Octadecanoic acid	12.68	3.5	ng	408386	4	11.36	2346180	20.0
1-Hexadecanol	13.88	15.5	ng	1238080	5	14.01	1600170	20.0