LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117843.D
Acq On : 18 Nov 2019 18:53
Operator : JU
Sample : K5906-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NA-SP

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-BF111319.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	16	21	39	rVB	793580	1146973	24.00%	2.644%
2	5.134	510	518	528	rBV	748990	916989	19.19%	2.114%
3	5.534	581	586	589	rBV	4564567	4187612	87.64%	9.654%
4	6.540	752	757	769	rBV	4440561	4404486	92.18%	10.154%
5	6.687	778	782	785	rBV	5086593	4545910	95.14%	10.480%
6	6.922	818	822	825	rBV	1555373	1283357	26.86%	2.959%
7	7.075	844	848	852	rBV	4121773	3641032	76.20%	8.394%
8	7.481	912	917	920	rBV	3134285	2734638	57.23%	6.304%
9	8.204	1036	1040	1044	rBV	1805592	1569200	32.84%	3.617%
10	9.286	1219	1224	1227	rBV	5459880	4778063	100.00%	11.015%
11	9.675	1287	1290	1295	rBV	502848	394620	8.26%	0.910%
12	9.969	1336	1340	1344	rBV	2013836	1656154	34.66%	3.818%
13	10.757	1470	1474	1485	rBV	3007072	2660071	55.67%	6.132%
14	11.457	1590	1593	1597	rBV	1525954	1428742	29.90%	3.294%
15	11.528	1601	1605	1609	rVB3	73962	69898	1.46%	0.161%
16	11.980	1676	1682	1693	rBV	331816	358792	7.51%	0.827%
17	12.675	1797	1800	1806	rBV	69027	75721	1.58%	0.175%
18	12.769	1813	1816	1822	rBV	139402	163172	3.42%	0.376%
19	12.904	1835	1839	1844	rBV	61197	74419	1.56%	0.172%
20	13.051	1859	1864	1867	rBV	3910358	3716017	77.77%	8.567%
21	13.957	2014	2018	2029	rBV	240123	476267	9.97%	1.098%
22	14.104	2039	2043	2047	rBV	1437557	1386765	29.02%	3.197%
23	14.574	2121	2123	2126	rBV	66253	61941	1.30%	0.143%
24	14.974	2189	2191	2194	rVB	76394	69579	1.46%	0.160%
25	15.251	2235	2238	2242	rVB	100178	114969	2.41%	0.265%
26	15.615	2295	2300	2304	rBV	1094229	1462742	30.61%	3.372%

Sum of corrected areas: 43378129

LSC Report - Integrated Chromatogram

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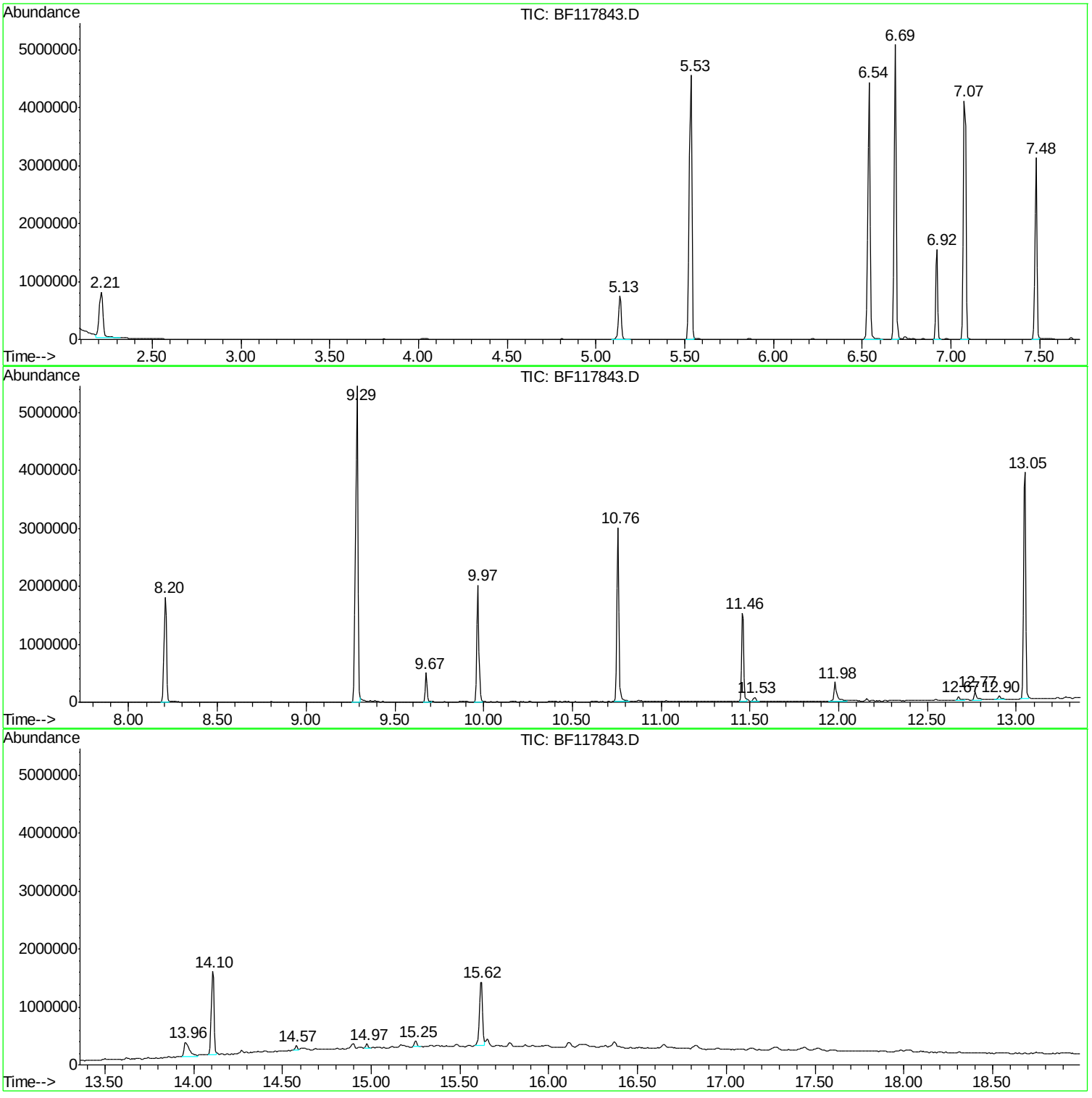
Instrument :
BNA_F
ClientSampleId :
NA-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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Instrument : BNA_F
ClientSampleId : NA-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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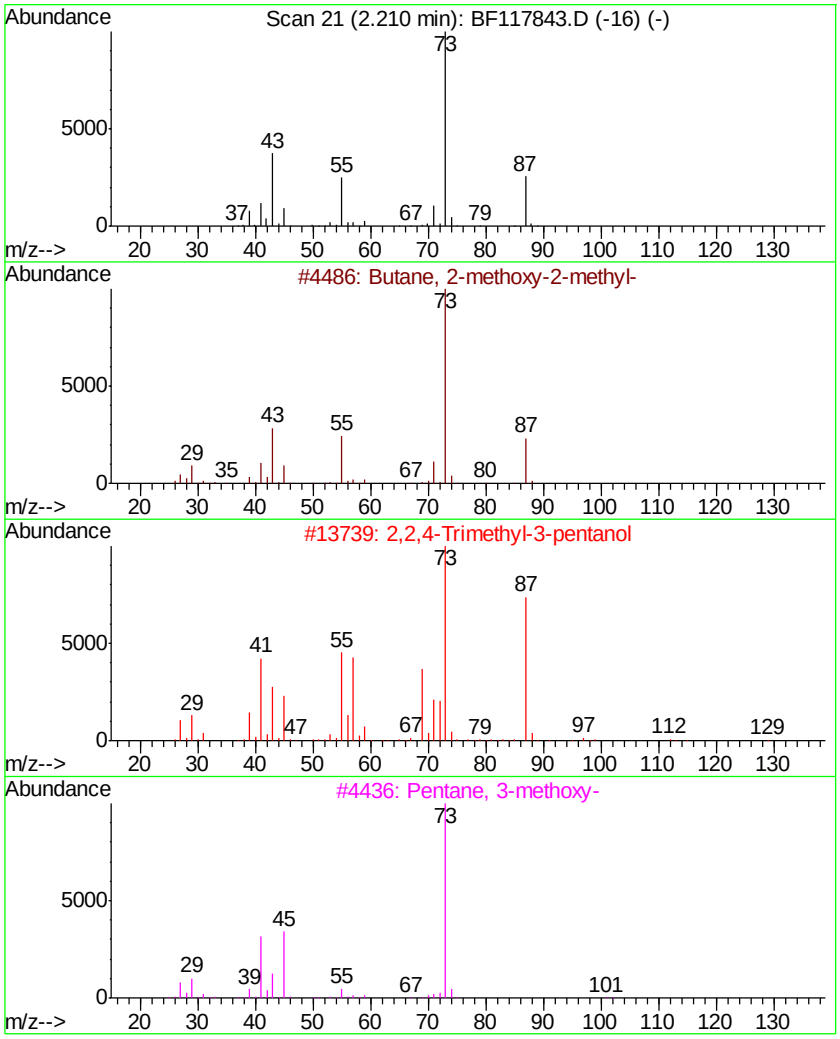
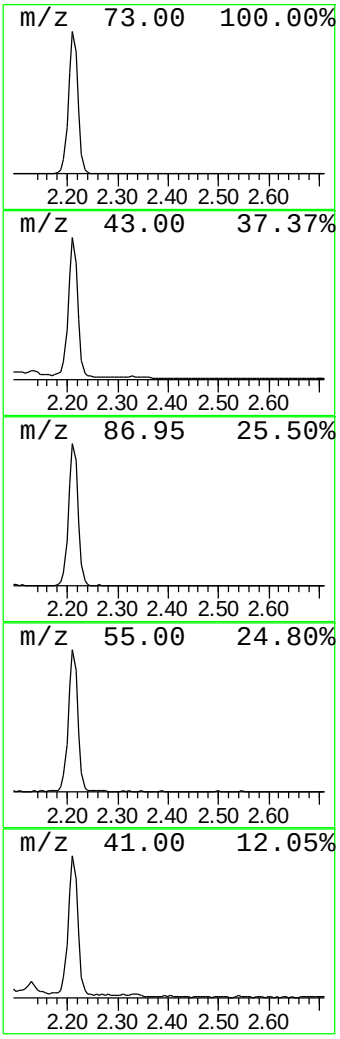
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	17.87 ng	1146970	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Sample : K5906-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NA-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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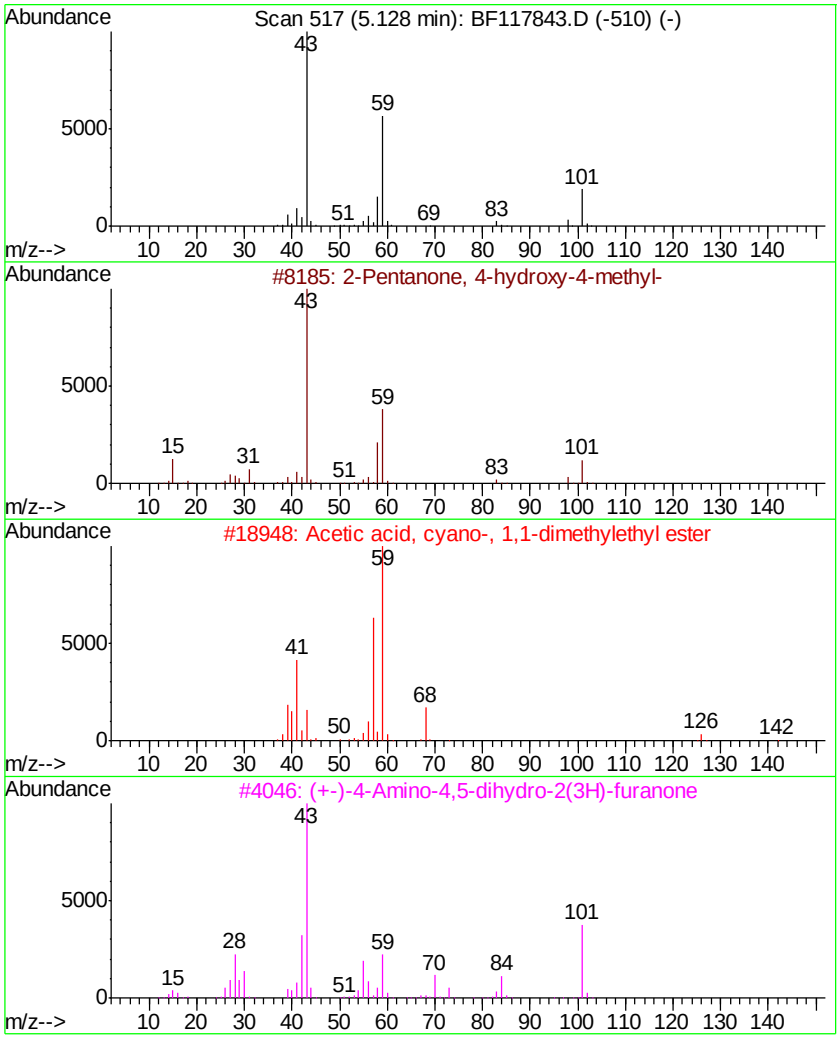
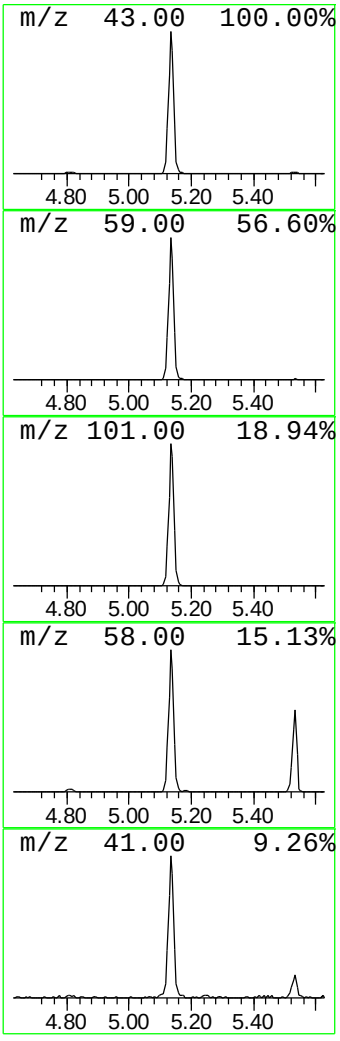
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.29 ng	916989	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : K5906-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NA-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
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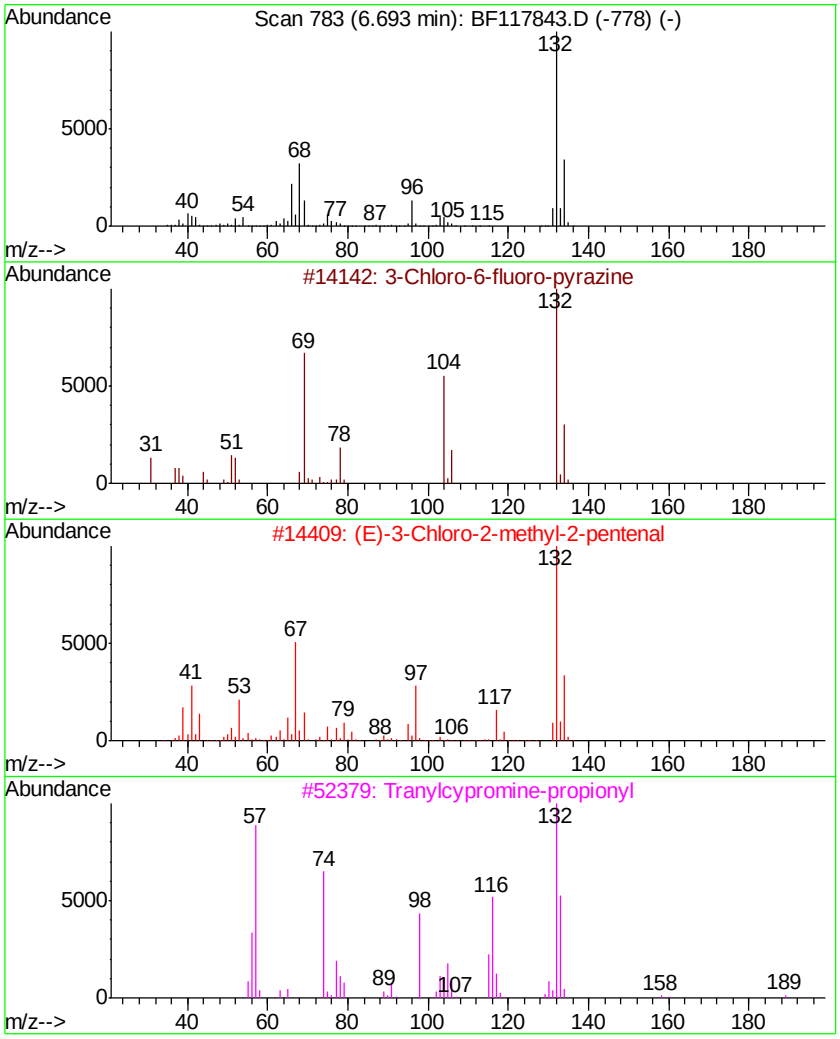
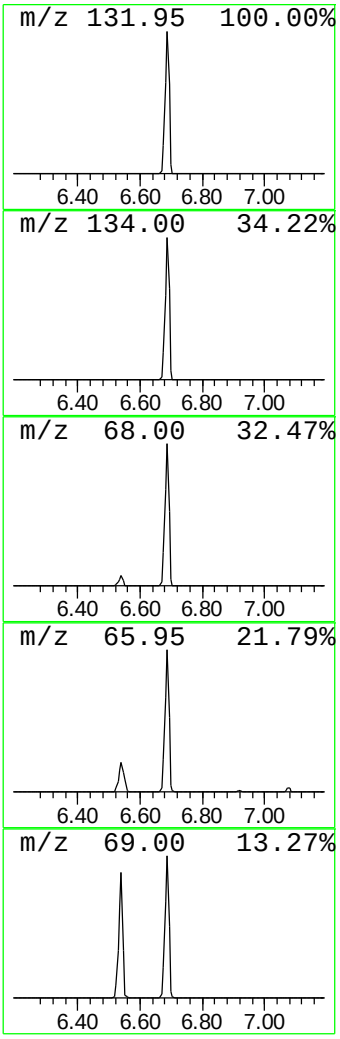
Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	70.84 ng	4545910	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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ClientSampleId : NA-SP

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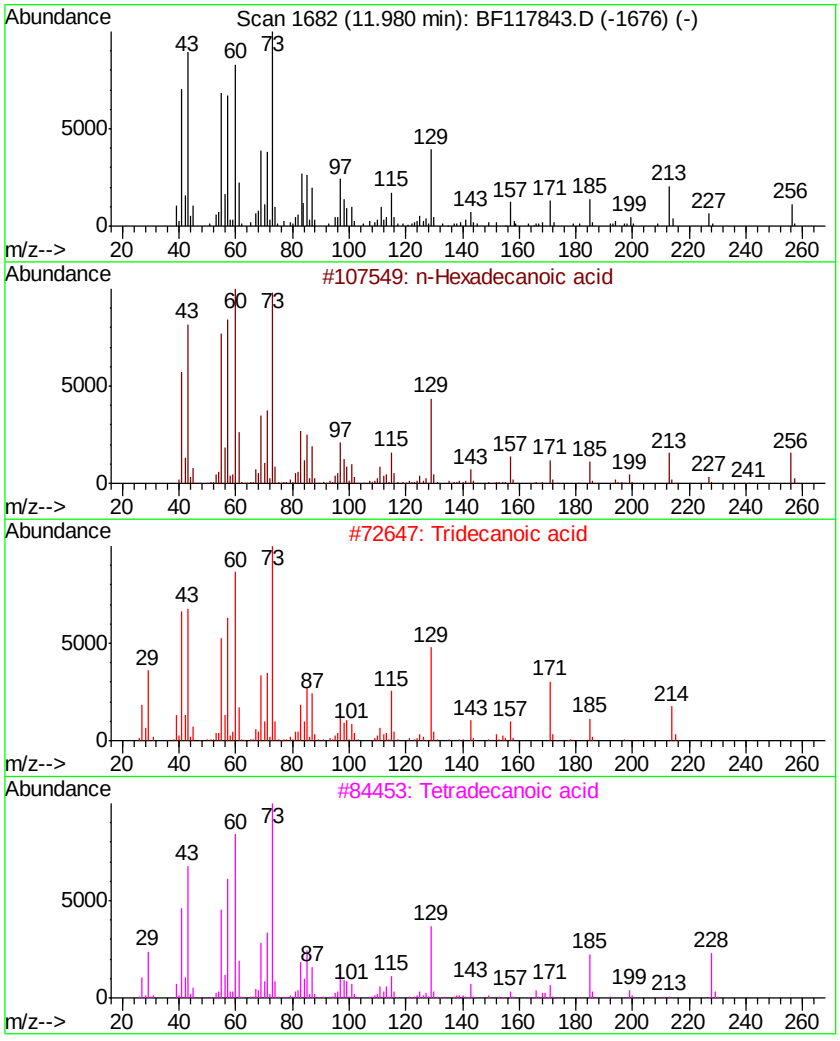
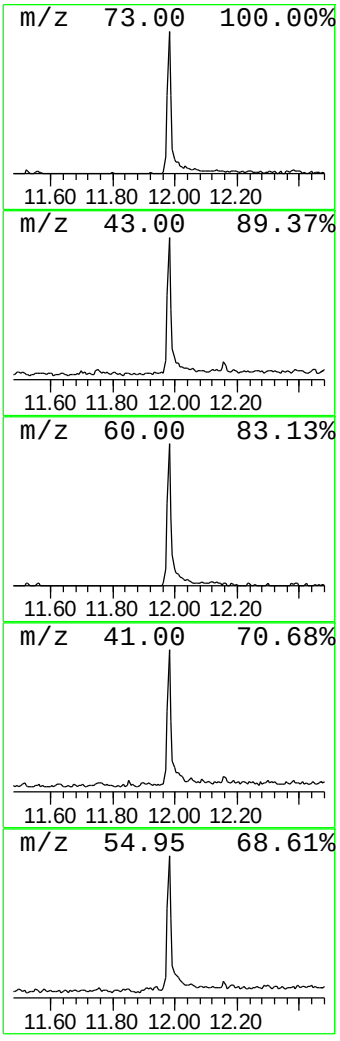
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.02 ng	358792	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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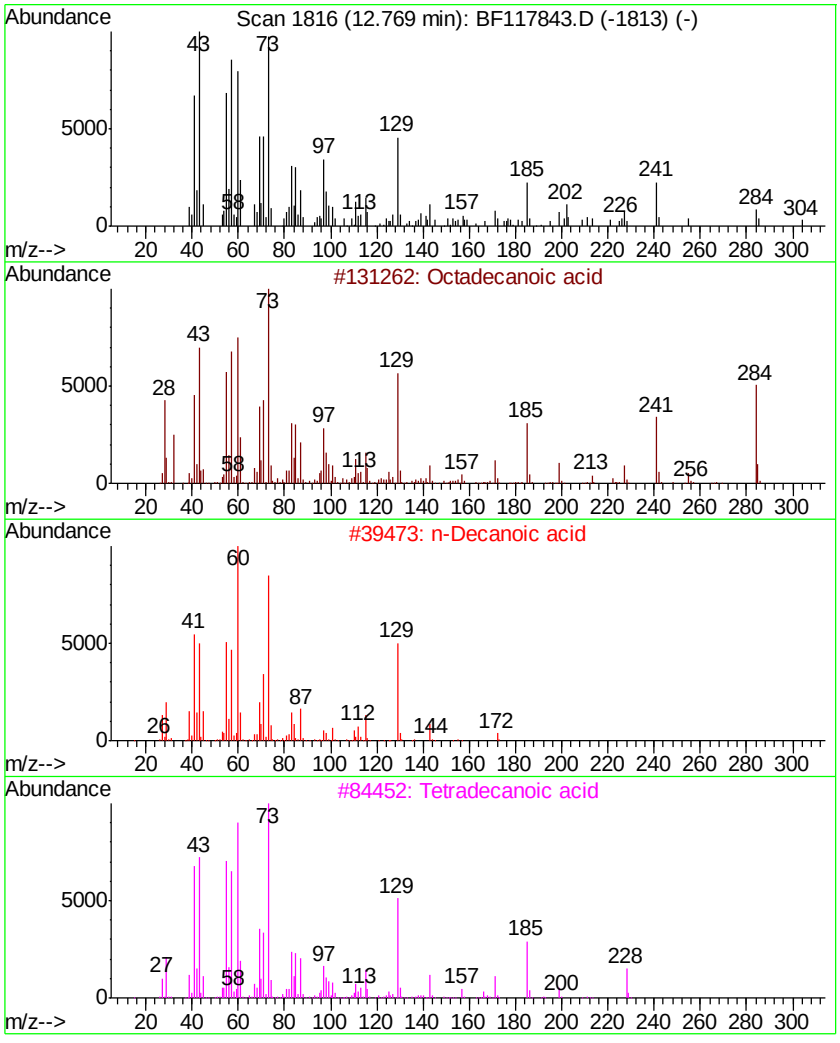
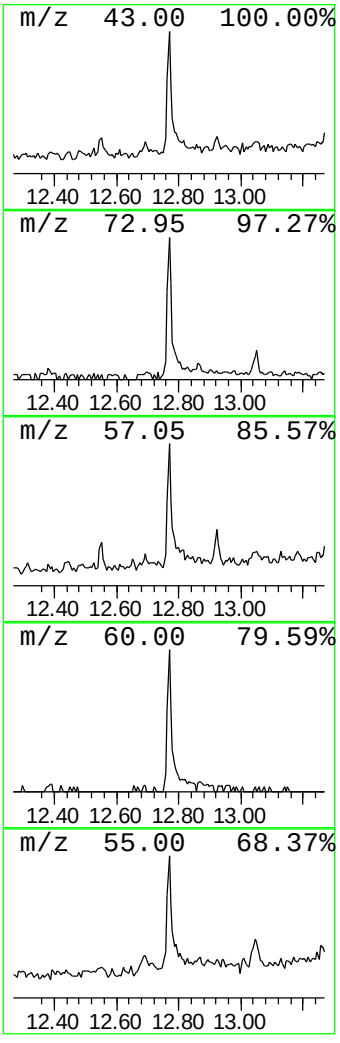
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.28 ng	163172	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





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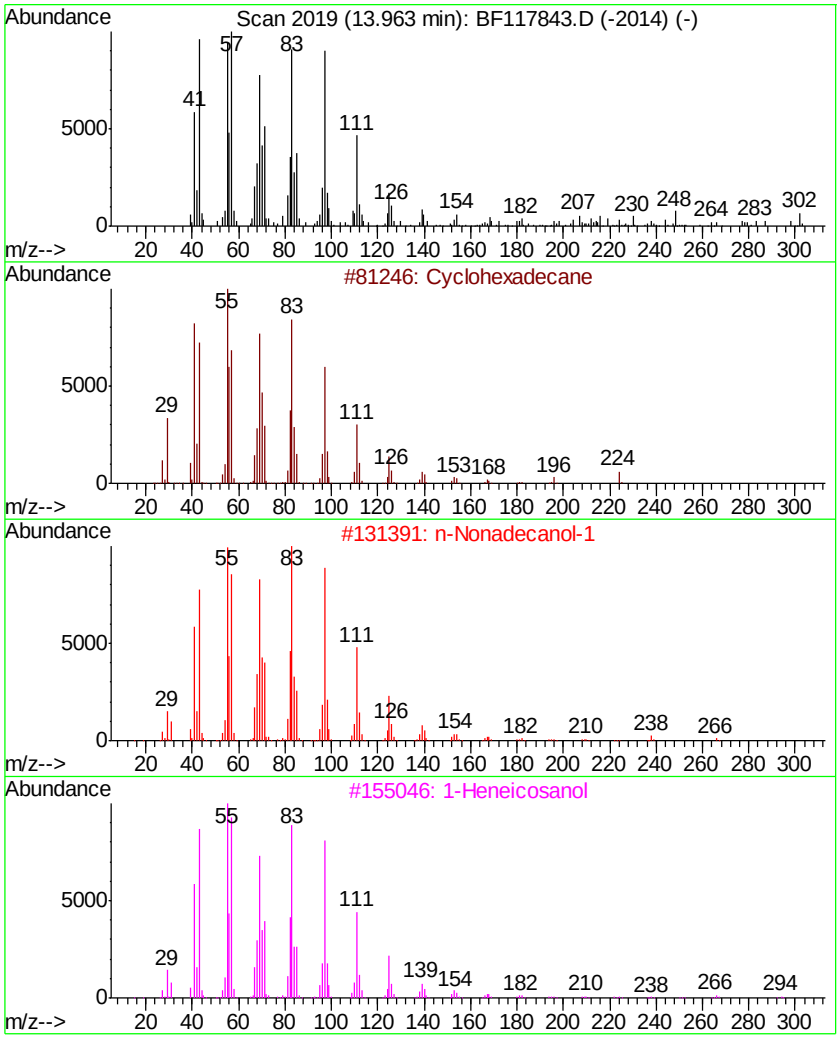
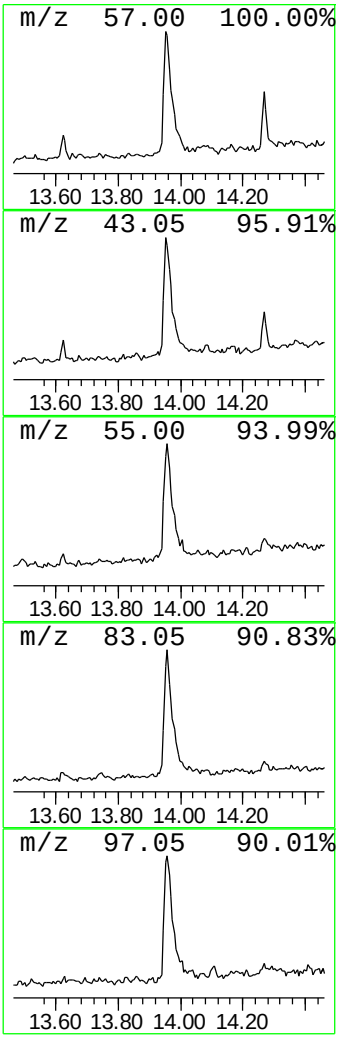
Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.87 ng	476267	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.21	17.9	ng	1146970	1	6.92	1283360	20.0
2-Pentanone, 4-hy...	5.13	14.3	ng	916989	1	6.92	1283360	20.0
unknown6.69	6.69	70.8	ng	4545910	1	6.92	1283360	20.0
n-Hexadecanoic acid	11.98	5.0	ng	358792	4	11.46	1428740	20.0
Octadecanoic acid	12.77	2.3	ng	163172	4	11.46	1428740	20.0
Cyclohexadecane	13.96	6.9	ng	476267	5	14.10	1386770	20.0