LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118080.D
Acq On : 3 Dec 2019 23:35
Operator : JU
Sample : K6069-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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	2.128	3	7	14	rVB	587689	755676	24.57%	2.660%
2	2.499	60	70	79	rVB	269595	409996	13.33%	1.443%
3	5.087	505	510	517	rVB	377318	430195	13.99%	1.515%
4	5.493	575	579	583	rBV	2435583	2345020	76.24%	8.256%
5	6.510	747	752	762	rVB	2559779	2464654	80.13%	8.677%
6	6.651	771	776	779	rBV	2892426	2643372	85.94%	9.306%
7	6.875	811	814	818	rBV	879590	781665	25.41%	2.752%
8	7.034	837	841	844	rBV	2572534	2128611	69.21%	7.494%
9	7.439	906	910	913	rBV	1831111	1511534	49.14%	5.322%
10	8.163	1029	1033	1037	rBV	1186787	953628	31.01%	3.357%
11	9.245	1211	1217	1220	rBV	3682218	3075688	100.00%	10.828%
12	9.357	1232	1236	1239	rVB2	58655	67123	2.18%	0.236%
13	9.633	1280	1283	1292	rVB	429528	376037	12.23%	1.324%
14	9.928	1329	1333	1336	rVB	1343265	1020980	33.20%	3.595%
15	10.392	1408	1412	1417	rBV6	22499	44003	1.43%	0.155%
16	10.722	1464	1468	1474	rBV	1910911	1793442	58.31%	6.314%
17	11.422	1583	1587	1589	rBV	1142981	952538	30.97%	3.354%
18	11.445	1589	1591	1594	rVV	308510	248225	8.07%	0.874%
19	11.498	1597	1600	1602	rVV	65668	58933	1.92%	0.207%
20	11.951	1673	1677	1680	rBV	543179	528112	17.17%	1.859%
21	12.639	1792	1794	1797	rBV	449212	373535	12.14%	1.315%
22	12.739	1808	1811	1815	rBV3	344262	408917	13.30%	1.440%
23	12.869	1831	1833	1837	rVB	332600	287305	9.34%	1.011%
24	13.016	1854	1858	1861	rBV	3054737	2745818	89.27%	9.667%
25	14.080	2036	2039	2042	rBV2	913385	819377	26.64%	2.885%
26	15.586	2292	2295	2304	rVB	752824	1179537	38.35%	4.153%

Sum of corrected areas: 28403921

LSC Report - Integrated Chromatogram

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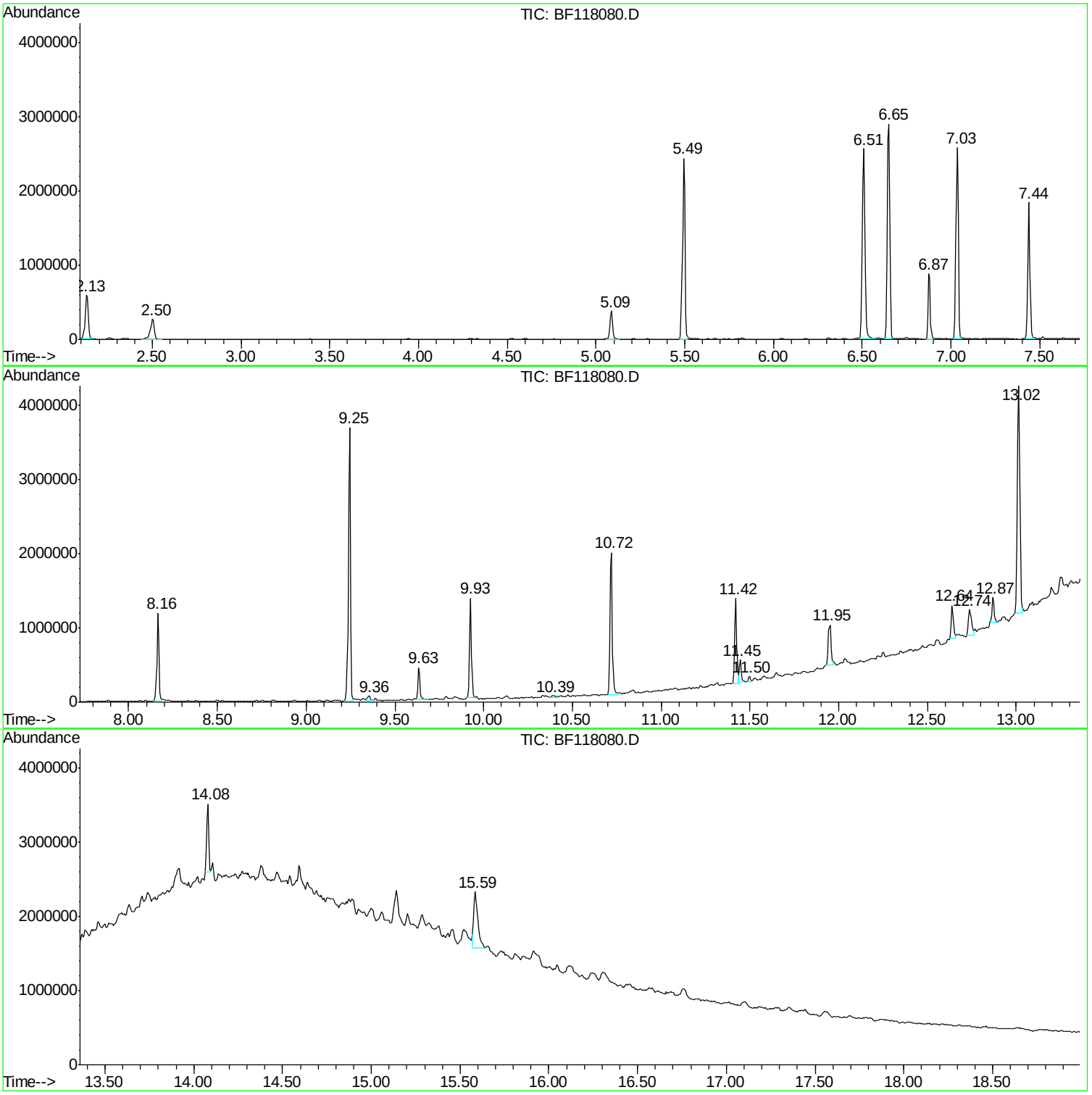
Instrument : BNA_F
ClientSampleId : SB-2

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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ClientSampleId : SB-2

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

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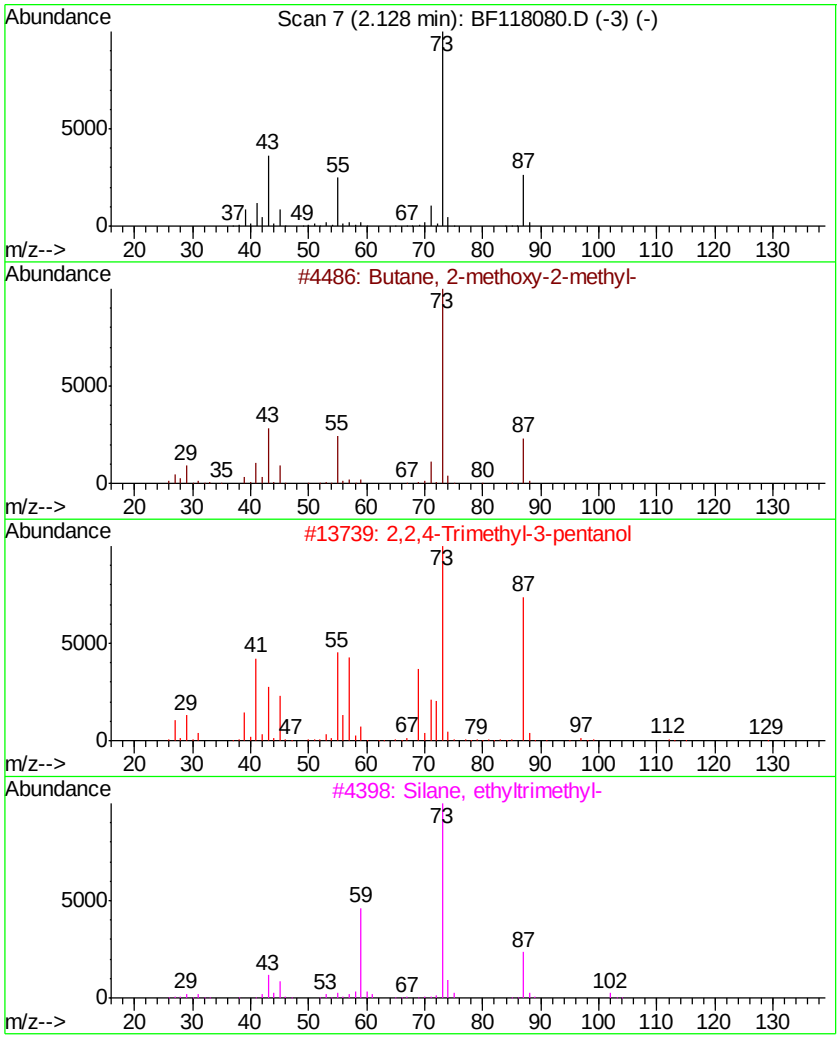
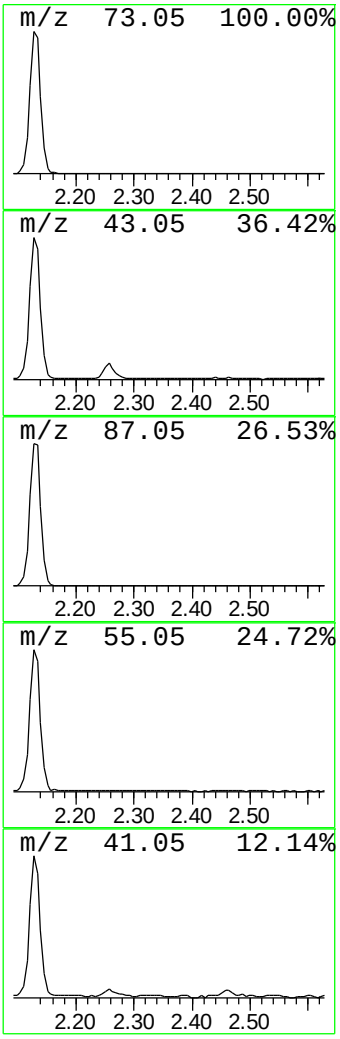
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	19.34 ng	755676	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Instrument : BNA_F
ClientSampleId : SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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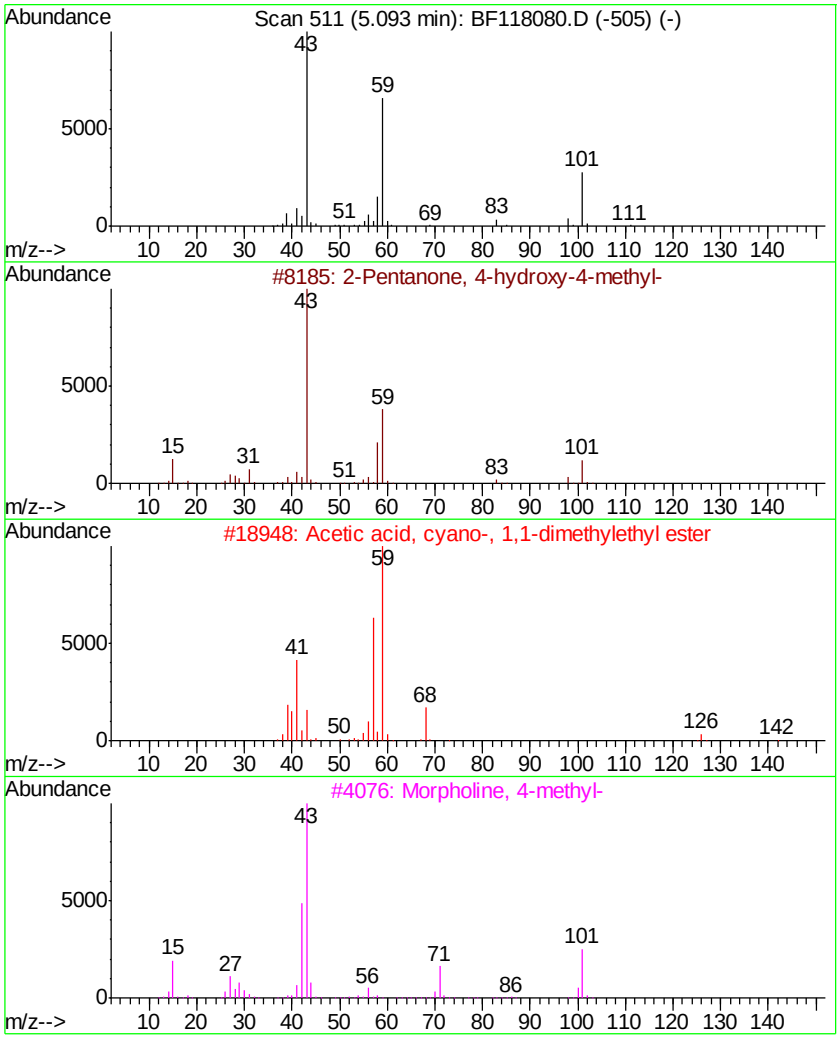
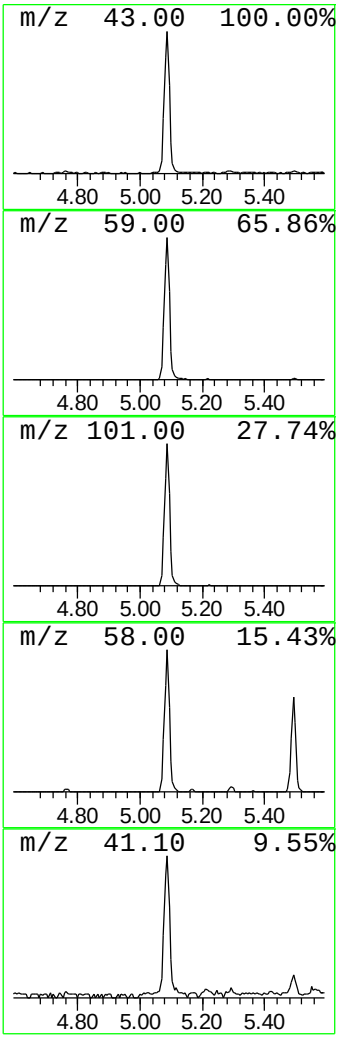
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	11.01 ng	430195	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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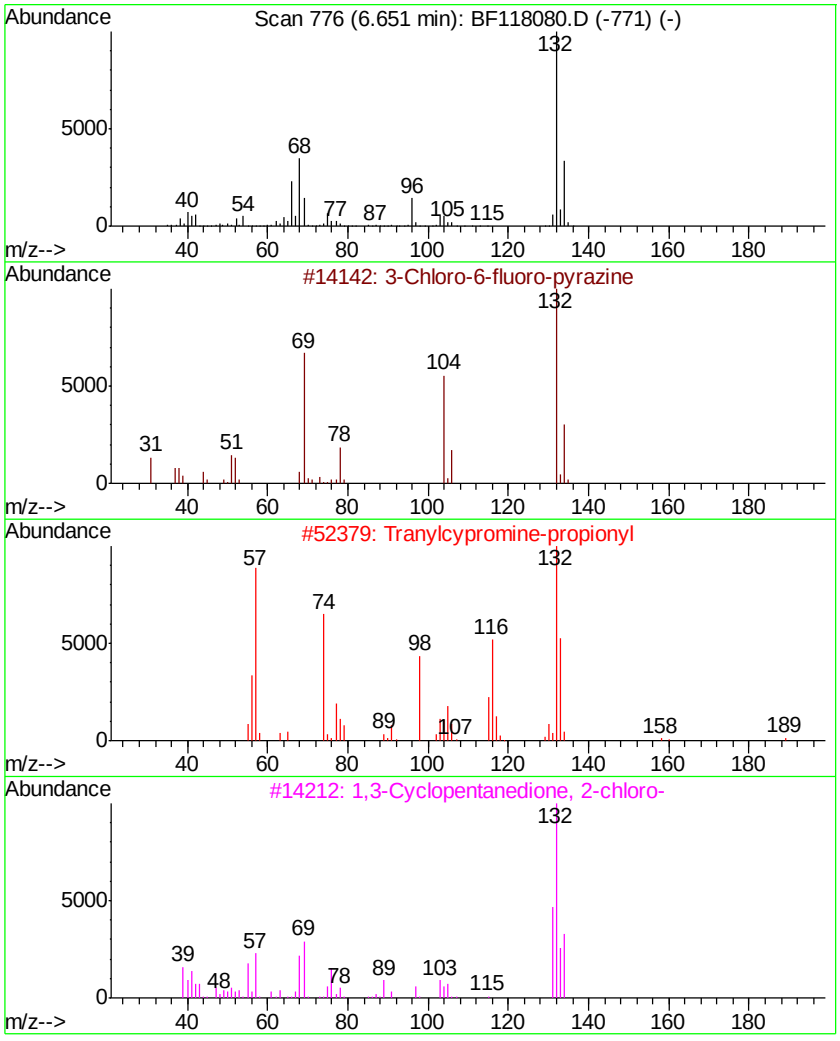
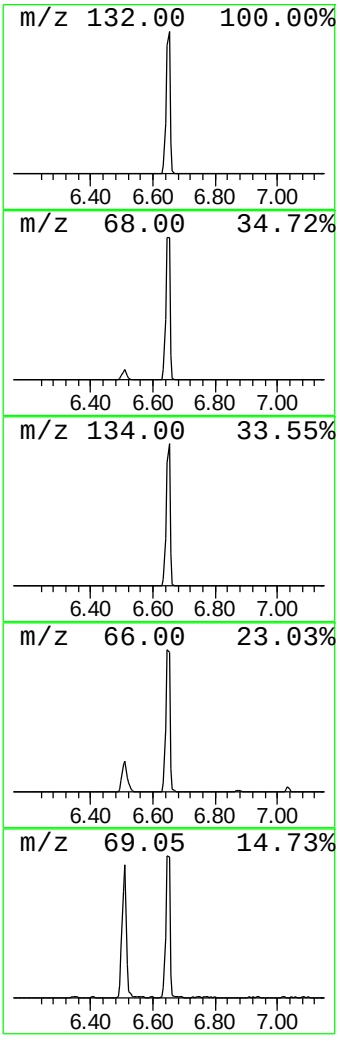
Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	67.63 ng	2643370	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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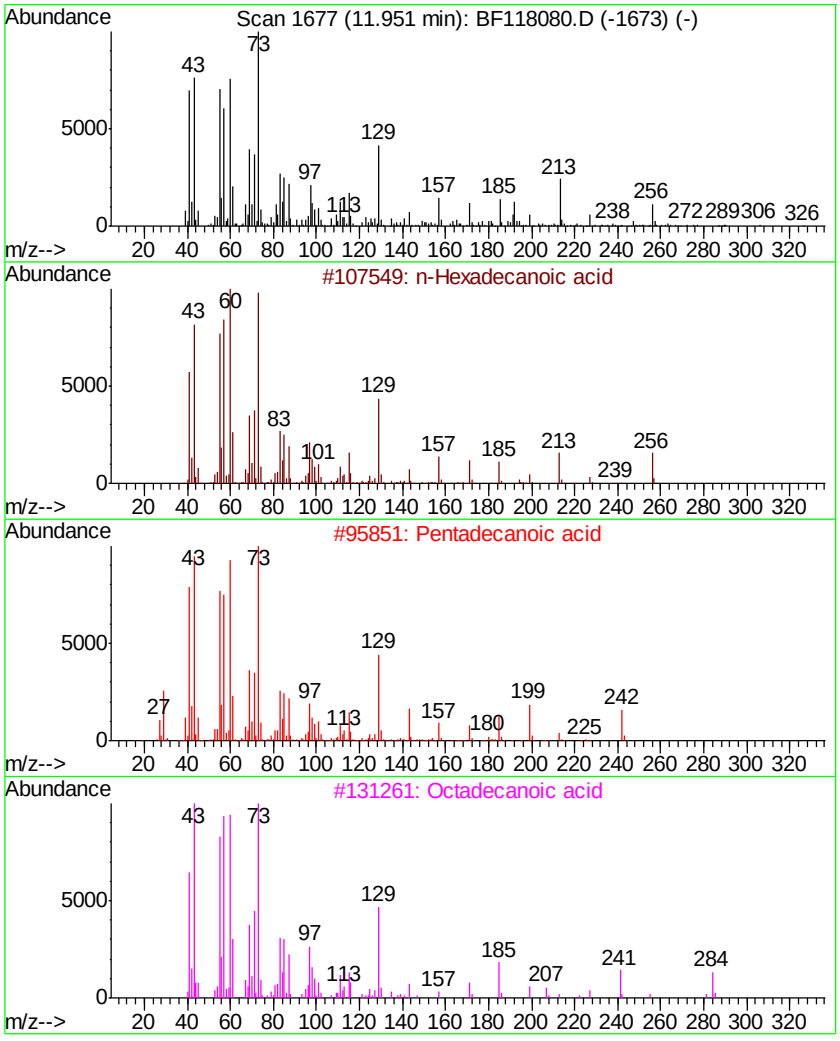
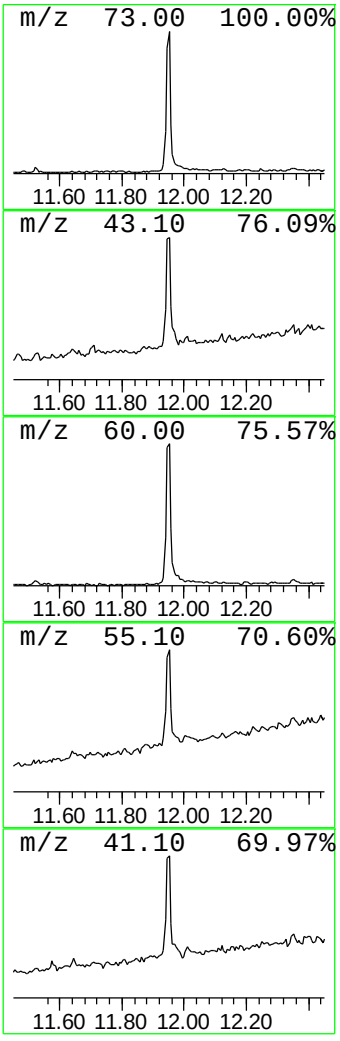
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	11.09 ng	528112	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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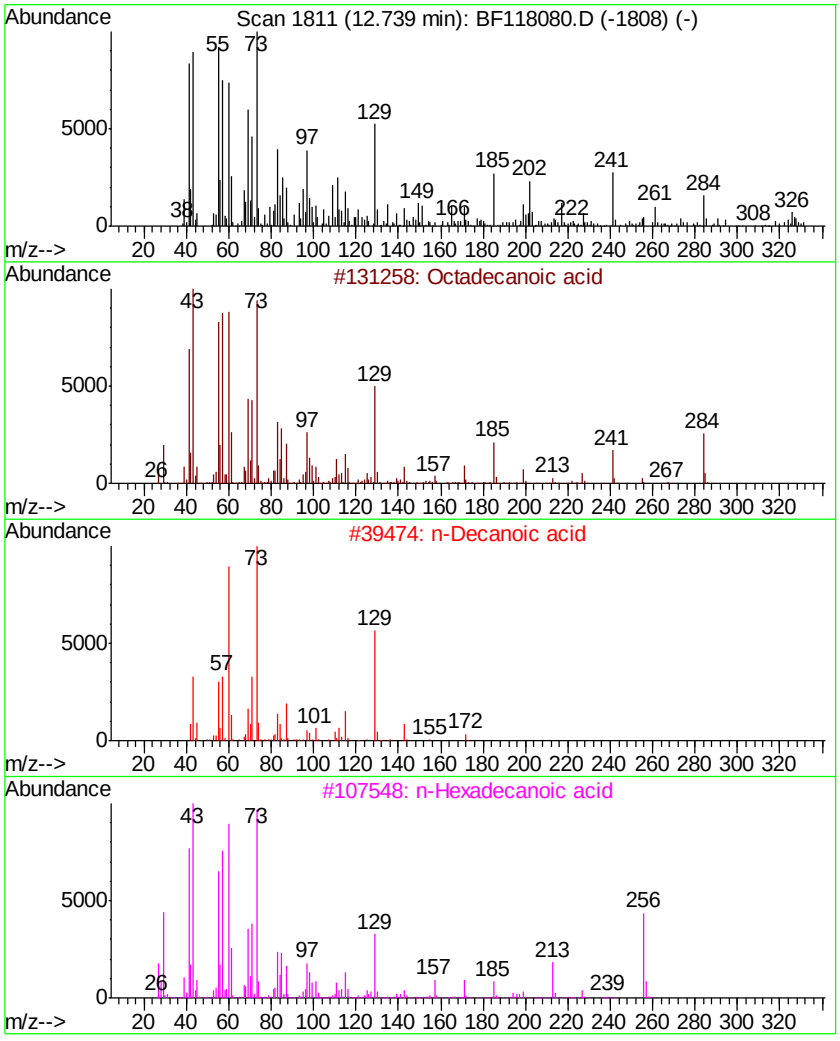
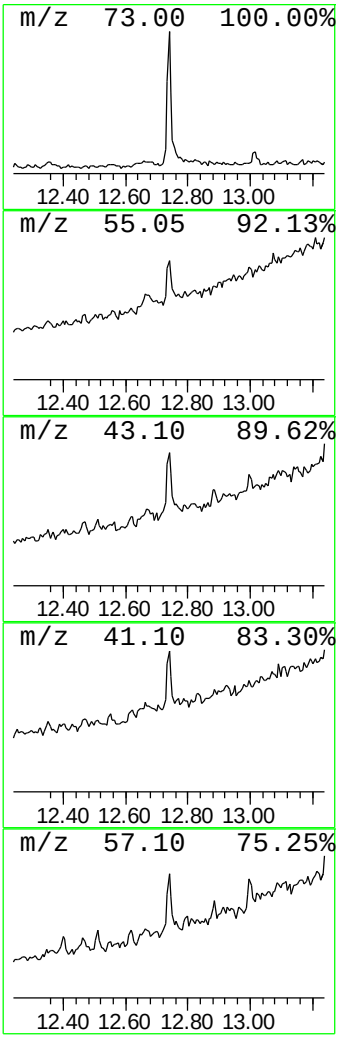
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	8.59 ng	408917	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	19.3	ng	755676	1	6.87	781665	20.0
2-Pentanone, 4-hy...	5.09	11.0	ng	430195	1	6.87	781665	20.0
unknown6.65	6.65	67.6	ng	2643370	1	6.87	781665	20.0
n-Hexadecanoic acid	11.95	11.1	ng	528112	4	11.42	952538	20.0
Octadecanoic acid	12.74	8.6	ng	408917	4	11.42	952538	20.0