LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094937.D
Acq On : 6 May 2017 2:05
Operator : SJ/MA
Sample : I2950-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(18-20)20170502

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	5.031	521	526	547	rBV	190832	380263	16.26%	2.037%
2	5.666	630	634	664	rBV	1056550	1685119	72.04%	9.028%
3	7.260	900	905	921	rBV	1277879	1755414	75.04%	9.405%
4	7.378	921	925	937	rVB	1406865	1943400	83.08%	10.412%
5	7.719	979	983	997	rVB	414487	488270	20.87%	2.616%
6	7.960	1019	1024	1042	rBV	1251946	1515326	64.78%	8.118%
7	8.619	1131	1136	1150	rBV	855548	1122085	47.97%	6.012%
8	9.742	1322	1327	1341	rBV	479208	656662	28.07%	3.518%
9	11.513	1623	1628	1647	rBV	1860126	2339166	100.00%	12.532%
10	12.207	1742	1746	1754	rBV	128346	174295	7.45%	0.934%
11	12.571	1803	1808	1821	rBV2	548432	763194	32.63%	4.089%
12	13.413	1947	1951	1956	rBV	29113	30888	1.32%	0.165%
13	13.865	2023	2028	2043	rBV	796728	1221089	52.20%	6.542%
14	14.189	2078	2083	2086	rBV	36785	47088	2.01%	0.252%
15	14.918	2201	2207	2211	rBV2	25545	28850	1.23%	0.155%
16	14.971	2211	2216	2231	rVV	537878	769382	32.89%	4.122%
17	15.942	2376	2381	2392	rBV	93034	139950	5.98%	0.750%
18	17.030	2561	2566	2574	rBV	35815	58990	2.52%	0.316%
19	17.295	2606	2611	2622	rBV	1835660	2210659	94.51%	11.844%
20	18.571	2819	2828	2835	rBV6	16084	52756	2.26%	0.283%
21	18.636	2835	2839	2844	rBV	556143	667952	28.56%	3.579%
22	19.771	3028	3032	3036	rBV	68655	70375	3.01%	0.377%
23	20.306	3118	3123	3134	rBV	357778	543967	23.25%	2.914%

Sum of corrected areas: 18665140

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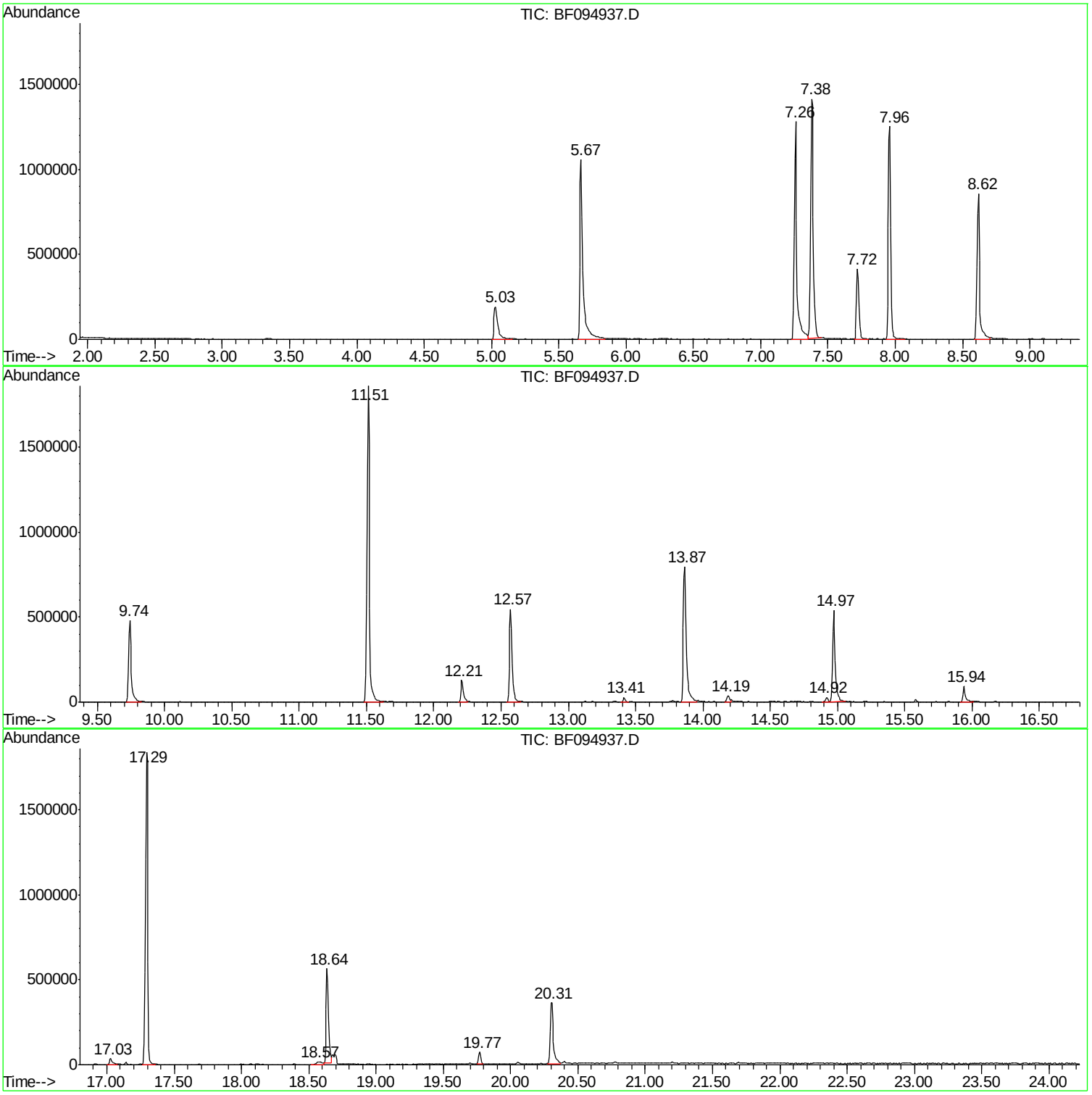
BNA_F
ClientSampleId :
SB-10(18-20)20170502

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094937.D
Acq On : 6 May 2017 2:05
Operator : SJ/MA
Sample : I2950-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(18-20)20170502

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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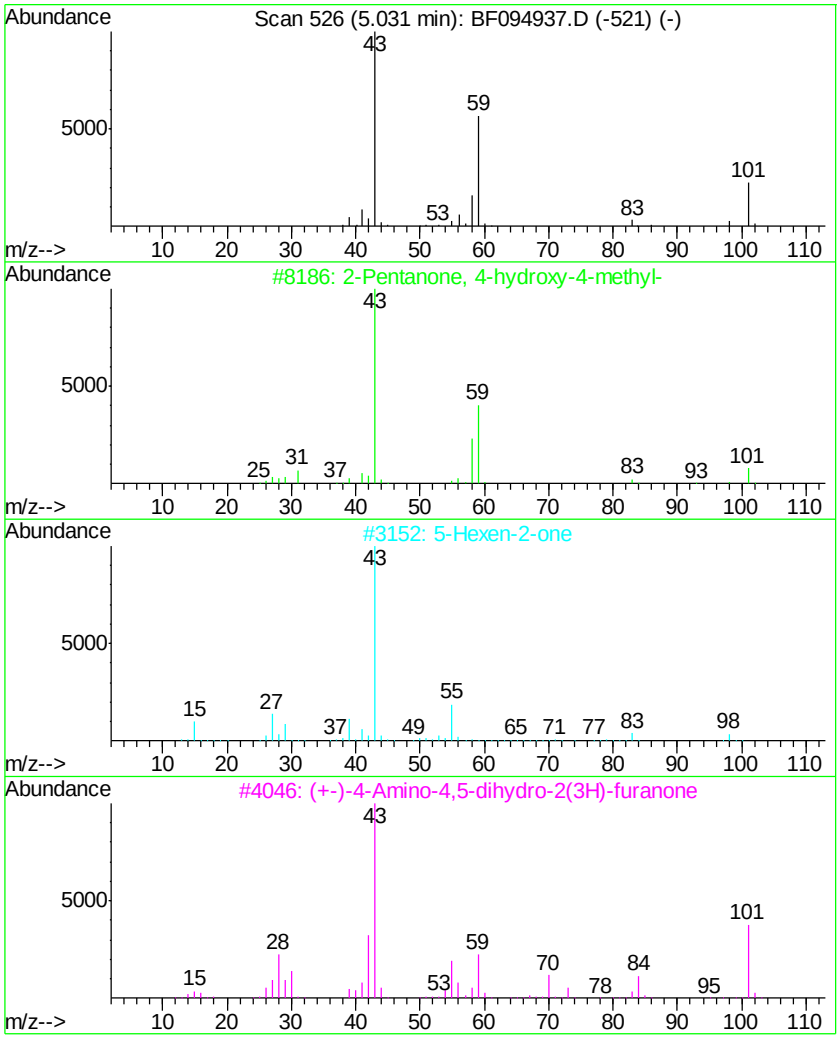
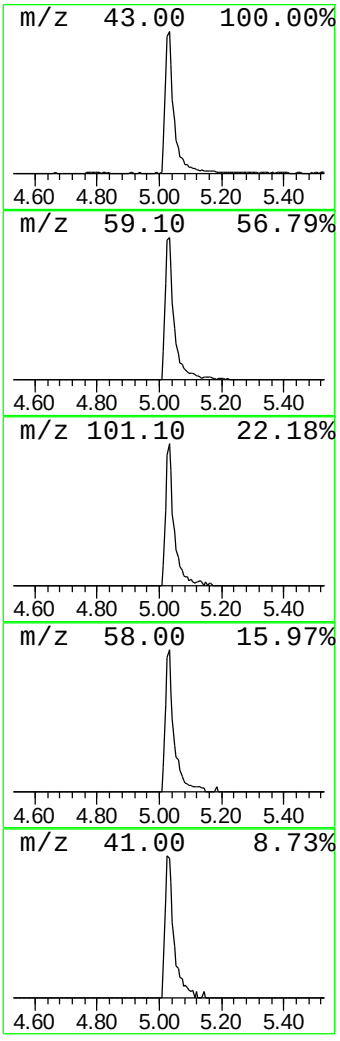
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	15.58 ng	380263	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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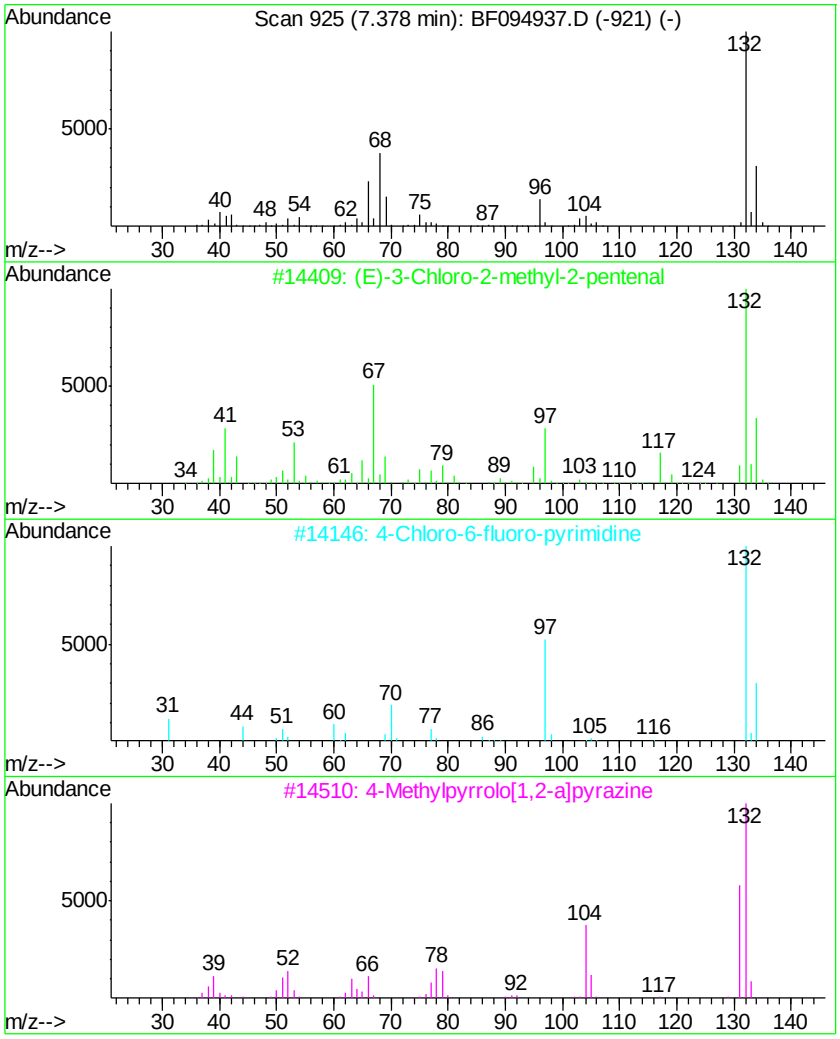
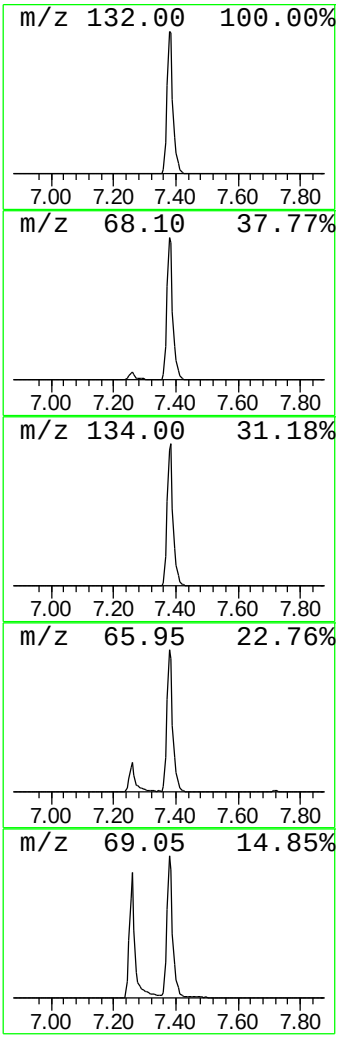
Peak Number 2 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	79.60 ng	1943400	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Acq On : 6 May 2017 2:05
Operator : SJ/MA
Sample : I2950-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(18-20)20170502

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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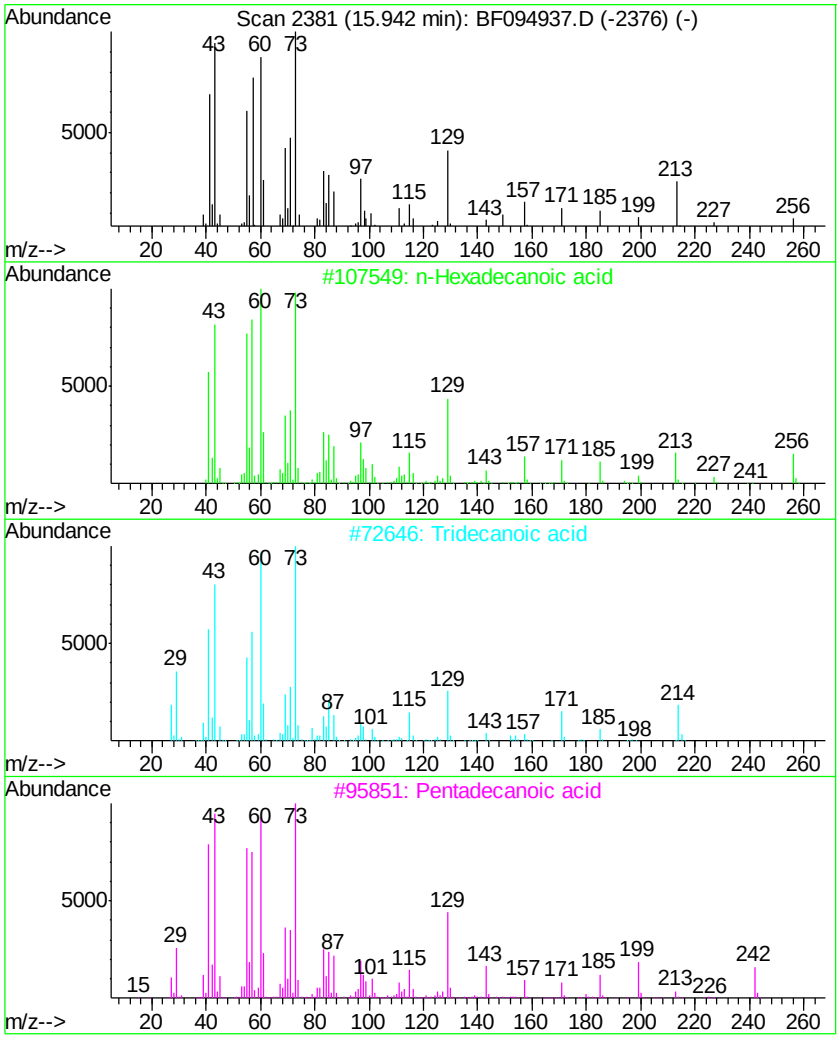
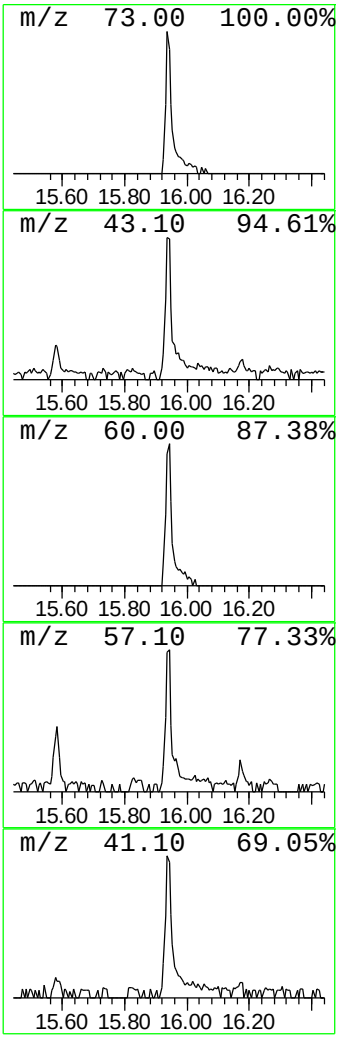
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.64 ng	139950	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Sample : I2950-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(18-20)20170502

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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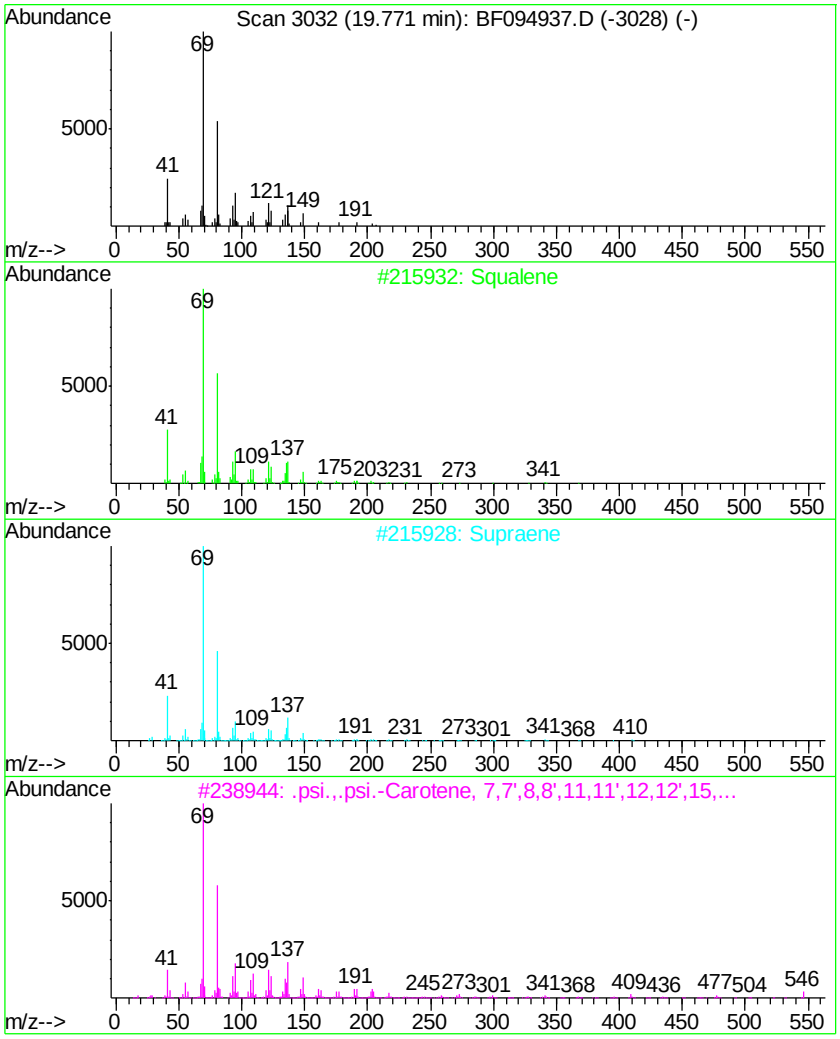
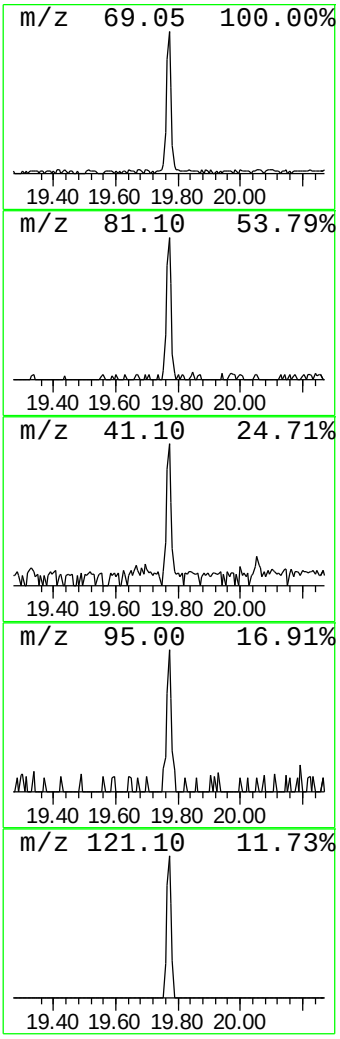
Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.59 ng	70375	Perylene-d12	20.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52





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
2-Pentanone, 4-hy...	5.03	15.6	ng	380263	1	7.72	488270	20.0
unknown7.38	7.38	79.6	ng	1943400	1	7.72	488270	20.0
n-Hexadecanoic acid	15.94	3.6	ng	139950	4	14.97	769382	20.0
Squalene	19.77	2.6	ng	70375	6	20.31	543967	20.0