LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081388.D
Acq On : 3 Sep 2015 21:19
Operator : UM/IZ
Sample : G3516-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-EFFLUENT-CS-4

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-BF090115.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	4.398	244	246	252	rBV	210134	291131	13.66%	2.157%
2	4.638	256	267	273	rVB4	16724	114377	5.37%	0.847%
3	4.913	289	291	297	rVB	514239	535583	25.13%	3.968%
4	6.033	387	389	396	rBV	356213	363630	17.06%	2.694%
5	6.136	396	398	400	rBV	1218860	1117635	52.44%	8.281%
6	6.364	416	418	421	rVB	459003	401063	18.82%	2.971%
7	6.524	429	432	434	rBV	1824206	1629701	76.46%	12.074%
8	6.947	466	469	471	rBV	1389097	1412595	66.27%	10.466%
9	7.656	529	531	534	rBV	626265	530172	24.87%	3.928%
10	8.433	595	599	602	rBV	221134	344946	16.18%	2.556%
11	8.742	623	626	629	rBV	2220728	2131459	100.00%	15.792%
12	9.142	659	661	664	rVB	131775	117999	5.54%	0.874%
13	9.393	681	683	686	rVB	431367	532158	24.97%	3.943%
14	9.839	719	722	726	rVB3	33334	43263	2.03%	0.321%
15	10.182	749	752	754	rBV	959238	891529	41.83%	6.605%
16	10.330	763	765	769	rBV	16879	21346	1.00%	0.158%
17	10.868	809	812	814	rBV	443173	555573	26.07%	4.116%
18	11.233	842	844	853	rVB	27875	45365	2.13%	0.336%
19	11.439	860	862	866	rBV	50709	66416	3.12%	0.492%
20	12.445	948	950	953	rBV	1286124	1550024	72.72%	11.484%
21	13.382	1030	1032	1037	rVB	13376	23656	1.11%	0.175%
22	13.474	1037	1040	1042	rBV	414006	461034	21.63%	3.416%
23	14.342	1114	1116	1118	rBV	37549	36099	1.69%	0.267%
24	14.777	1152	1154	1157	rBV	278875	280398	13.16%	2.077%

Sum of corrected areas: 13497152

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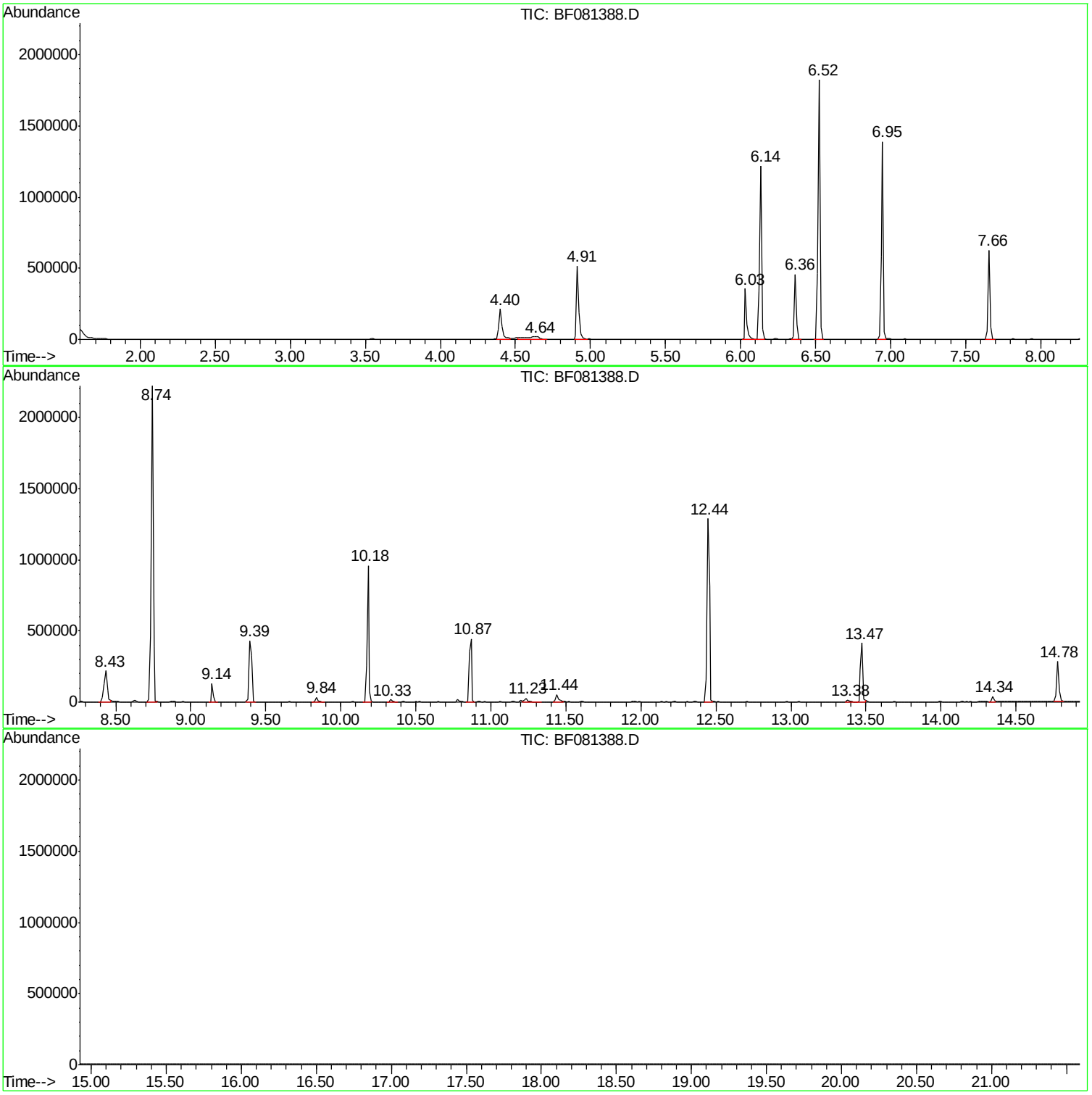
Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-CS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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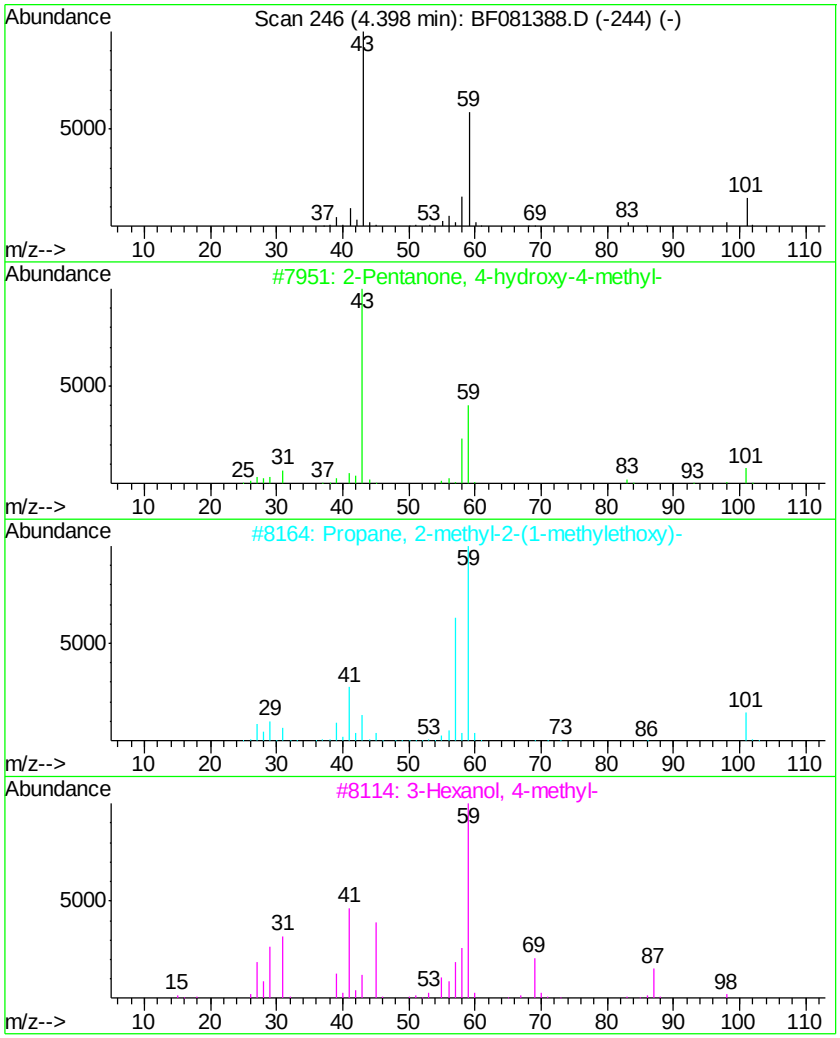
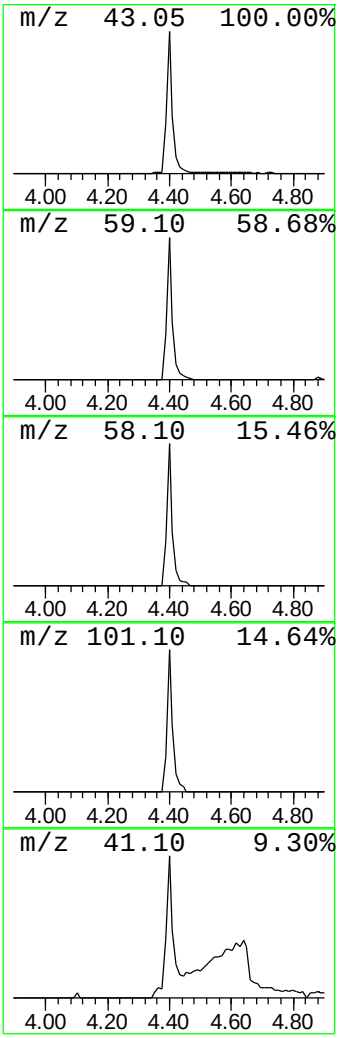
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	14.52 ng	291131	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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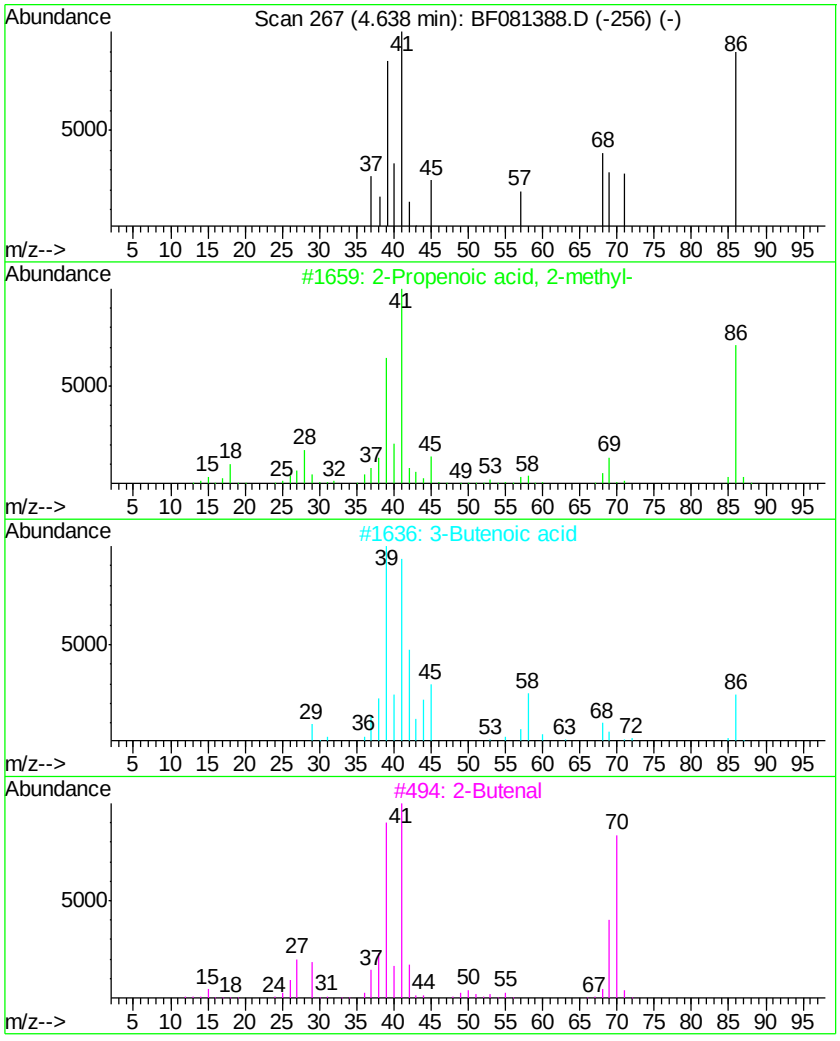
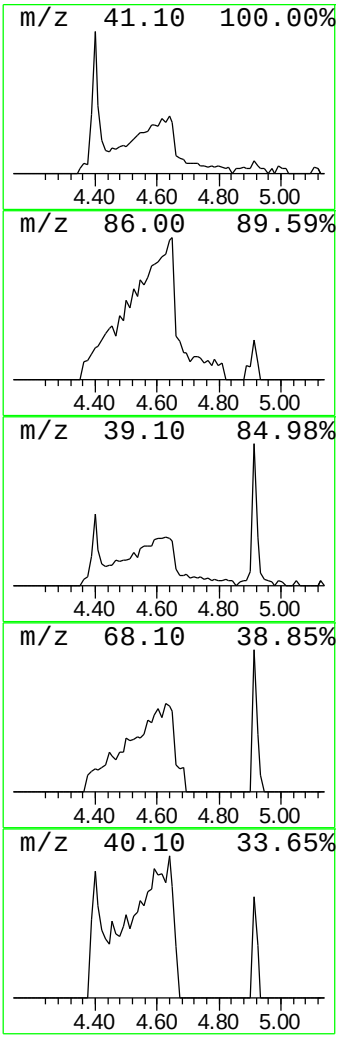
Peak Number 2 2-Propenoic acid, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	5.70 ng	114377	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	64
2	3-Butenoic acid	86	C4H6O2	000625-38-7	50
3	2-Butenal	70	C4H6O	004170-30-3	40
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	33
5	2,3-Dihydrofuran	70	C4H6O	001191-99-7	28





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Misc :
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Instrument : BNA_F
ClientSampleId : SES-EFFLUENT-CS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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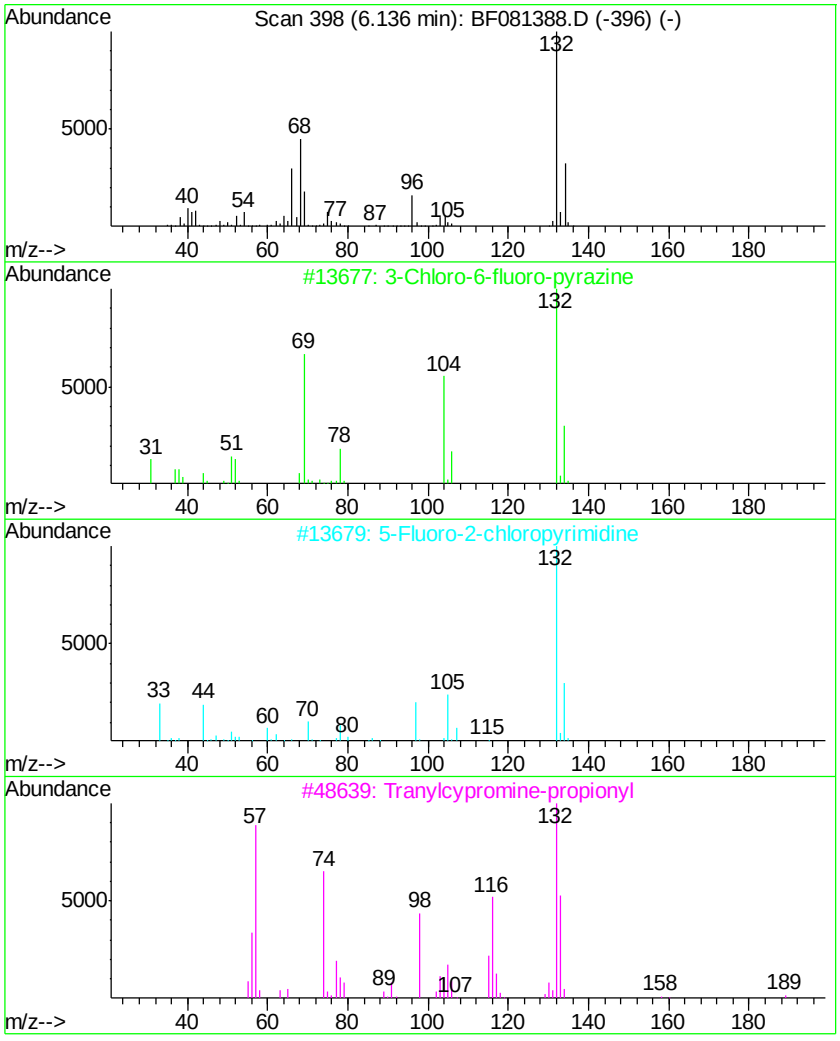
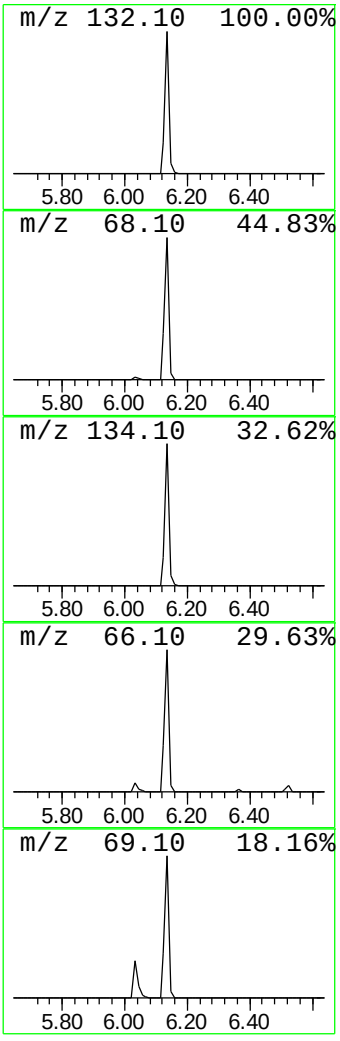
Peak Number 3 unknown6.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	55.73 ng	1117640	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Instrument : BNA_F
ClientSampleId : SES-EFFLUENT-CS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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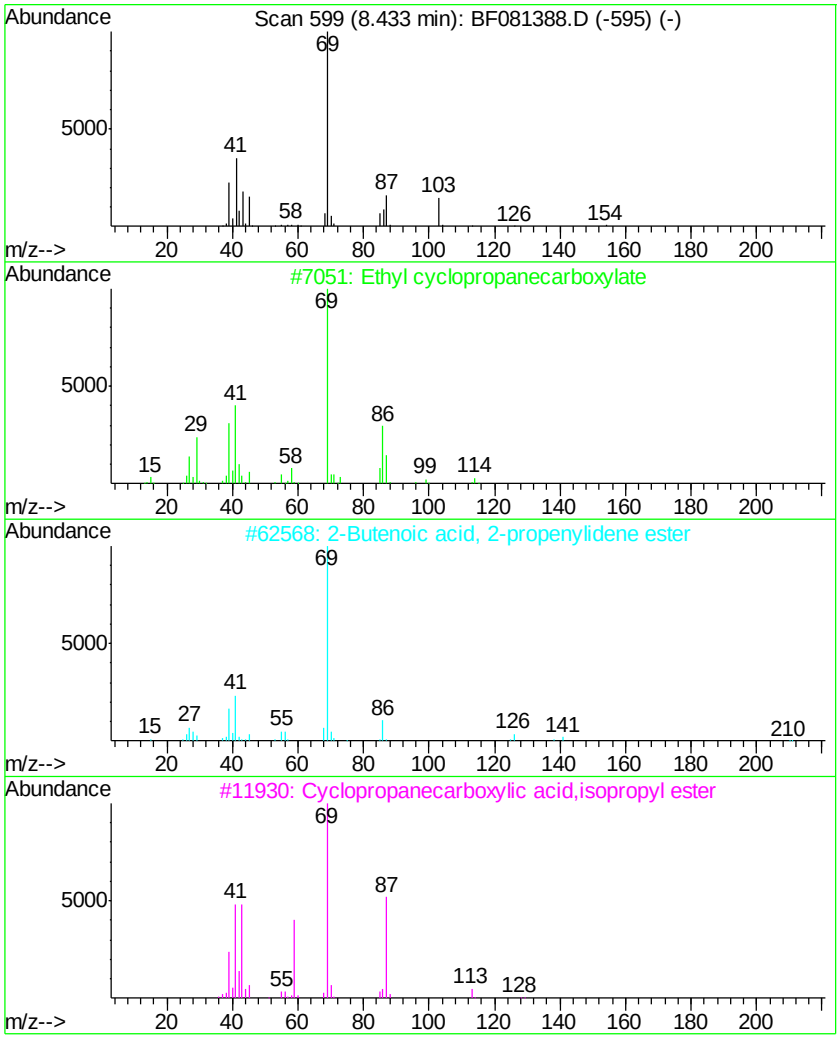
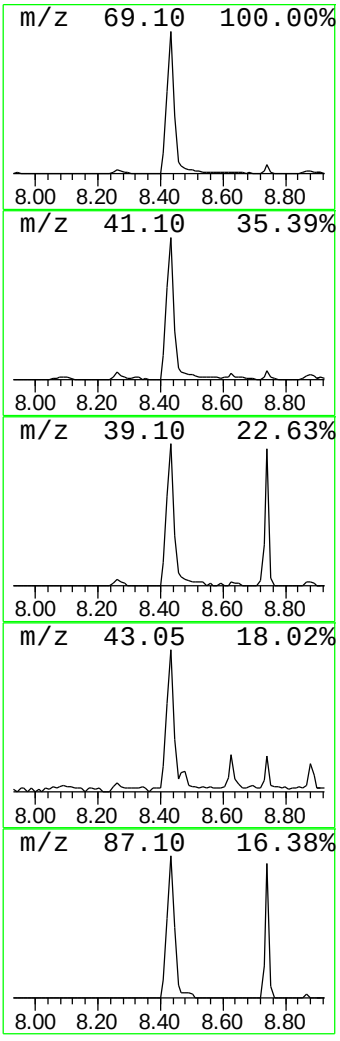
Peak Number 5 unknown8.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	13.01 ng	344946	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
2	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	9
3	Cyclopropanecarboxylic acid,isop...	128	C7H12O2	006887-83-8	9
4	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	9
5	4-Hexen-3-one	98	C6H10O	002497-21-4	9





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Instrument : BNA_F
ClientSampleId : SES-EFFLUENT-CS-4

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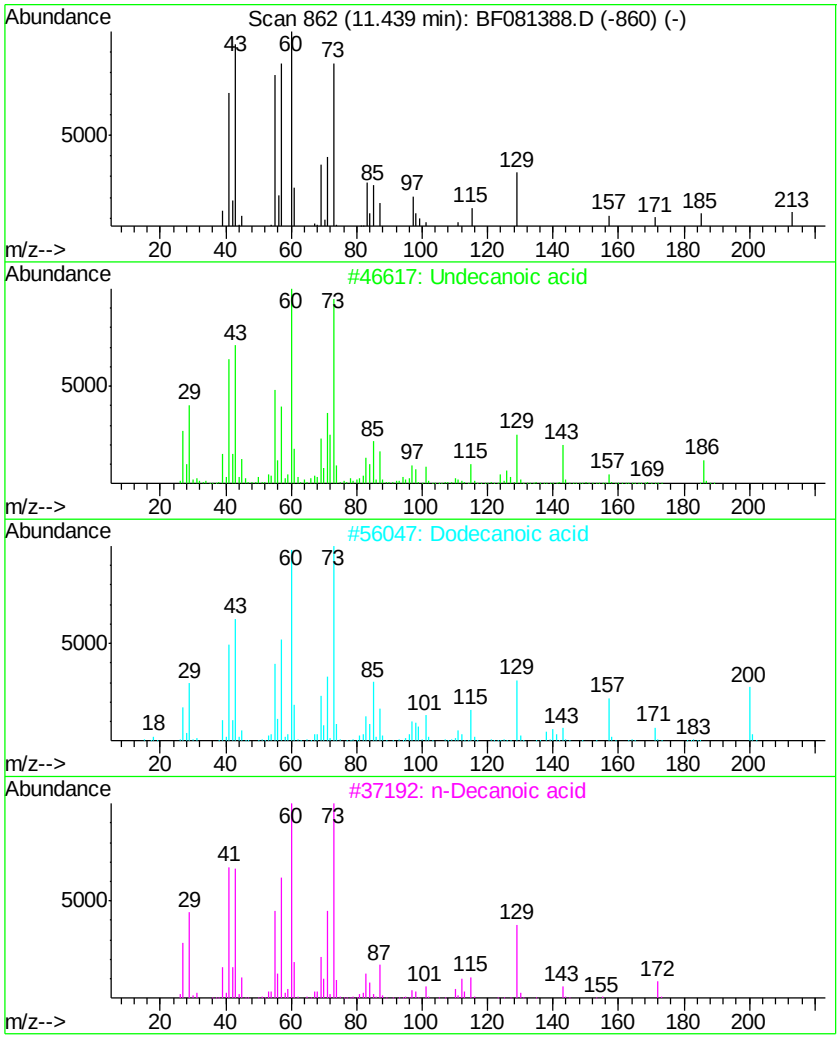
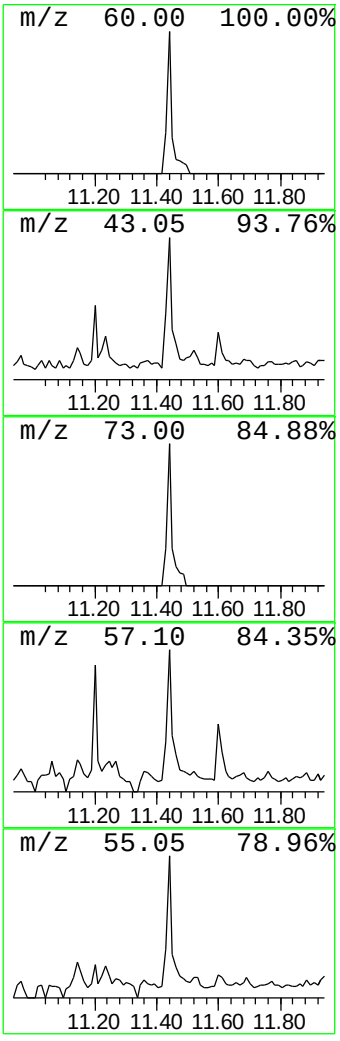
Peak Number 6 Undecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	2.39 ng	66416	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	59
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	35





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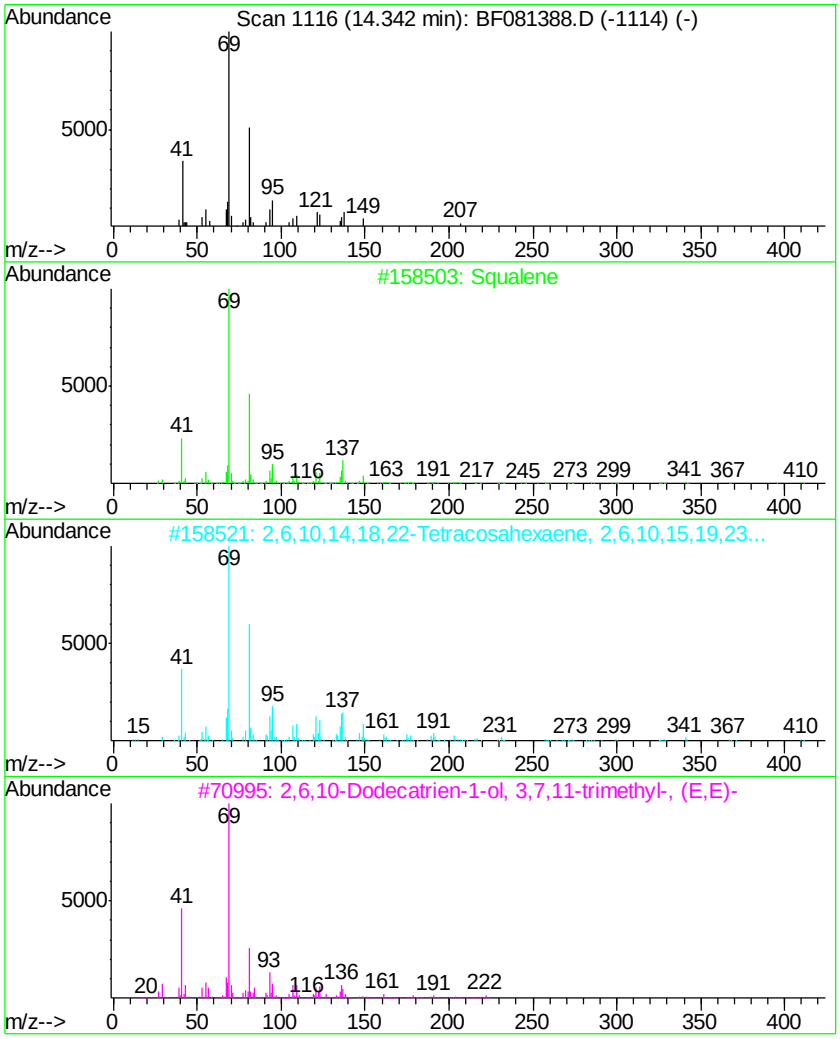
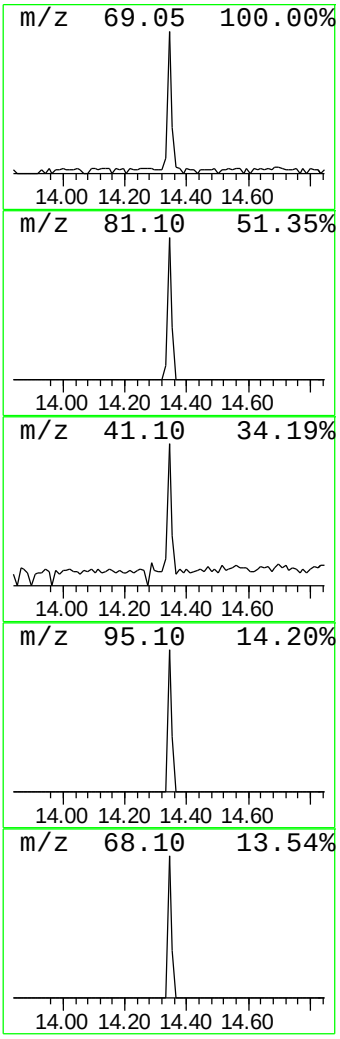
Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.57 ng	36099	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	78
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	74
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	56





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...	4.40	14.5	ng	291131	1	6.36	401063	20.0
2-Propenoic acid,...	4.64	5.7	ng	114377	1	6.36	401063	20.0
unknown6.14	6.14	55.7	ng	1117640	1	6.36	401063	20.0
unknown8.43	8.43	13.0	ng	344946	2	7.66	530172	20.0
Undecanoic acid	11.44	2.4	ng	66416	4	10.87	555573	20.0
Squalene	14.34	2.6	ng	36099	6	14.78	280398	20.0