LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022929.D
Acq On : 8 Jul 2016 13:24
Operator : UM/SJ
Sample : H3876-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3-B-LOCATION-3-15-20FT

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_G\METHODS\8270-BG070816.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	3.038	30	34	46	rVB	355003	511138	5.96%	1.080%
2	5.223	400	406	411	rVB	102279	164731	1.92%	0.348%
3	5.693	478	486	497	rBV	1730573	2917226	34.00%	6.163%
4	7.303	752	760	772	rBV	2001309	3526641	41.11%	7.450%
5	7.679	815	824	832	rBV	1796351	3193430	37.22%	6.746%
6	8.155	898	905	916	rVB	389225	702270	8.19%	1.484%
7	8.478	953	960	967	rBV	1199333	2125001	24.77%	4.489%
8	9.324	1096	1104	1111	rBV	1210166	2167625	25.27%	4.579%
9	10.981	1376	1386	1394	rBV	571509	1042753	12.15%	2.203%
10	13.414	1792	1800	1808	rBV	3363726	5178673	60.36%	10.940%
11	14.236	1935	1940	1946	rBV	497985	696490	8.12%	1.471%
12	14.795	2026	2035	2044	rBV3	1026332	1767653	20.60%	3.734%
13	16.287	2283	2289	2304	rBV	3440015	5374949	62.65%	11.355%
14	16.487	2319	2323	2331	rBV2	62052	104968	1.22%	0.222%
15	17.280	2453	2458	2462	rBV2	83107	104586	1.22%	0.221%
16	17.556	2497	2505	2512	rBV	1533324	2325801	27.11%	4.913%
17	18.420	2648	2652	2663	rBV	238378	356390	4.15%	0.753%
18	19.689	2862	2868	2874	rBV7	80614	113840	1.33%	0.240%
19	20.153	2941	2947	2955	rBV	6592108	8579266	100.00%	18.124%
20	20.823	3054	3061	3065	rBV	309447	407773	4.75%	0.861%
21	21.451	3163	3168	3179	rBV	341258	612332	7.14%	1.294%
22	21.845	3228	3235	3243	rVB	1658491	2773347	32.33%	5.859%
23	25.200	3795	3806	3818	rBV2	878188	2590557	30.20%	5.473%

Sum of corrected areas: 47337440

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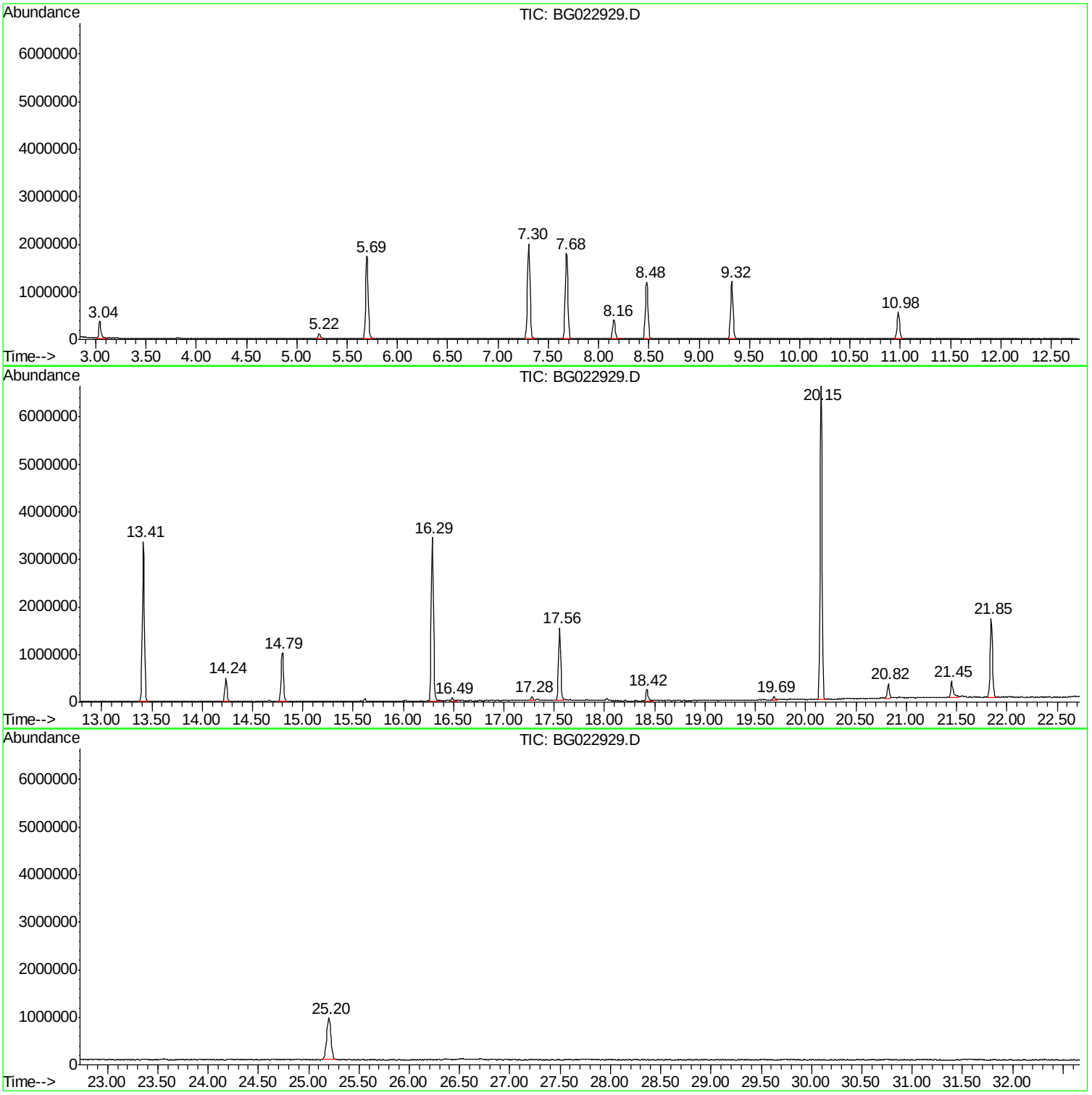
3-B-LOCATION-3-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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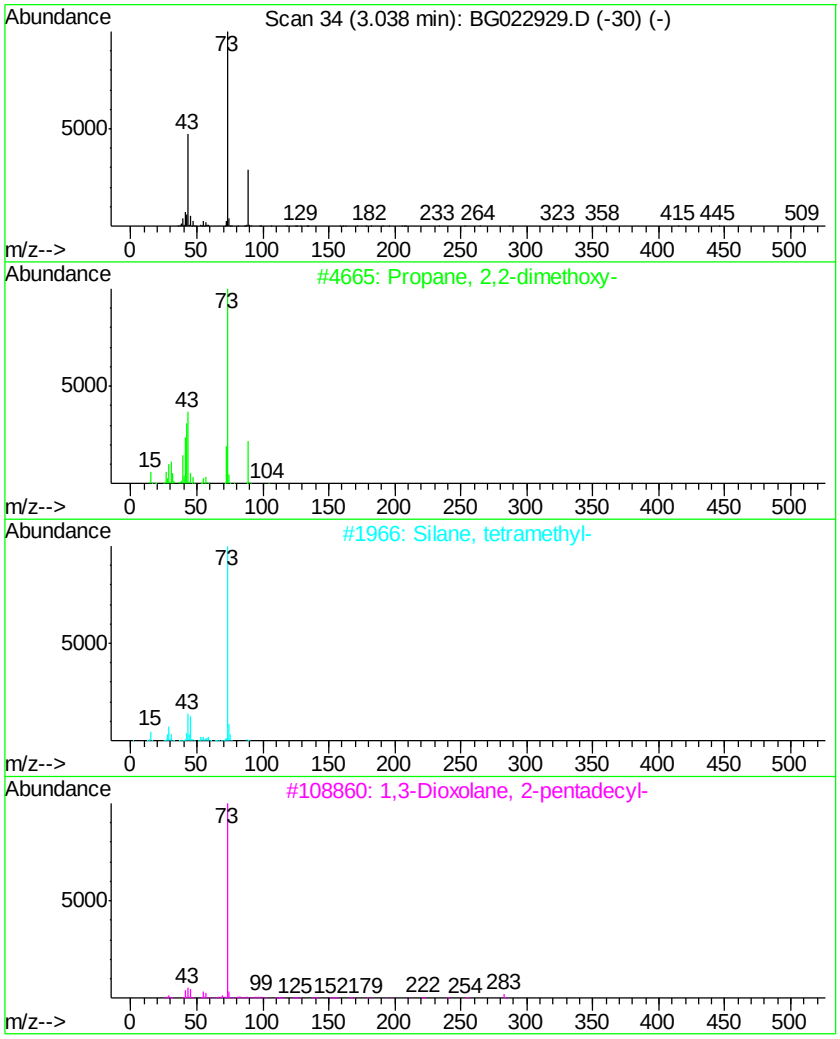
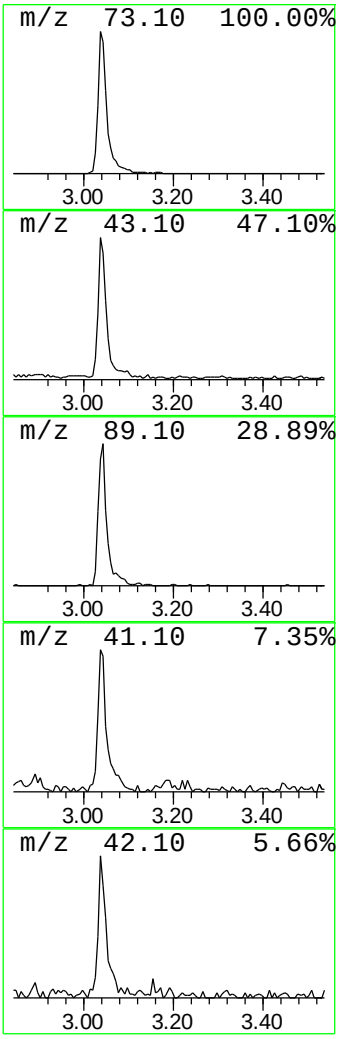
Peak Number 1 unknown3.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	14.56 ng	511138	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	7





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Instrument : BNA_G
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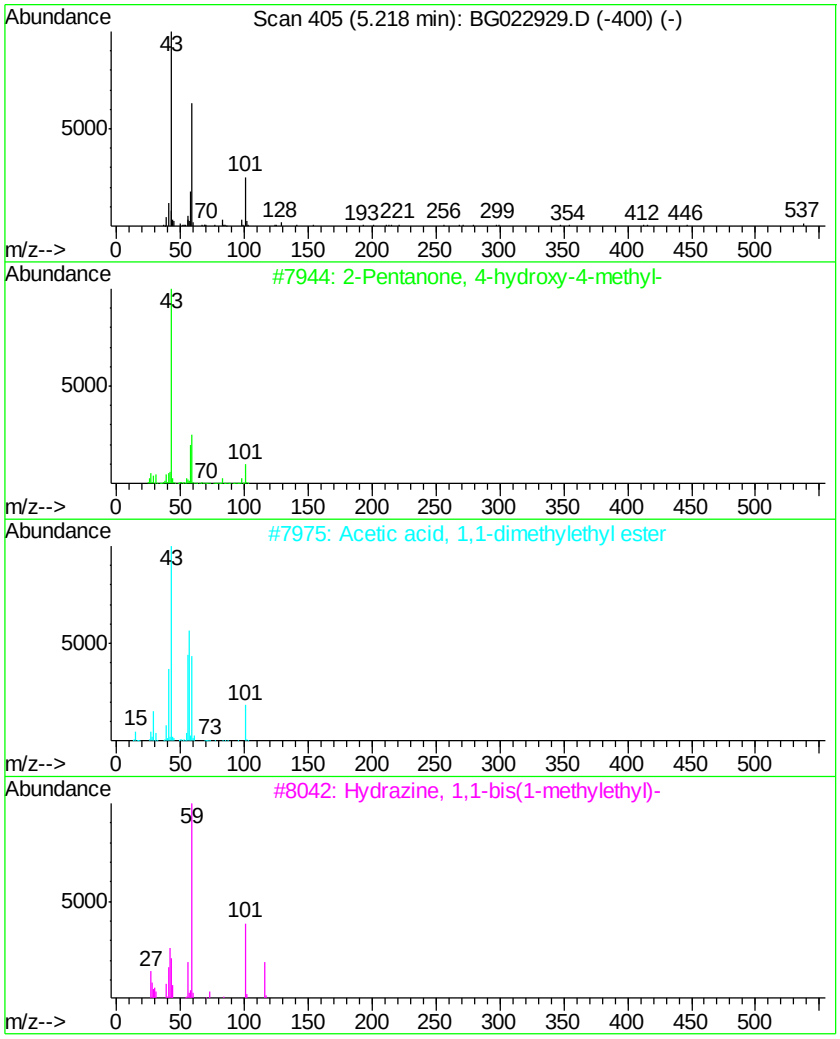
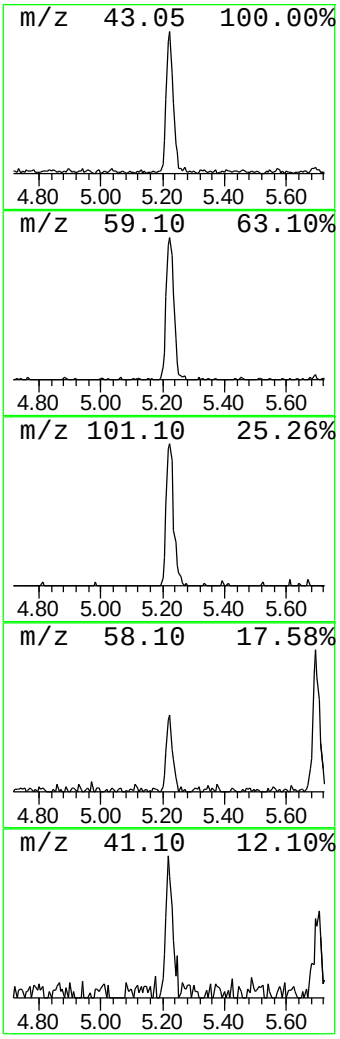
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.69 ng	164731	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23





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Sample : H3876-06
Misc :
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Instrument : BNA_G
ClientSampleId : 3-B-LOCATION-3-15-20FT

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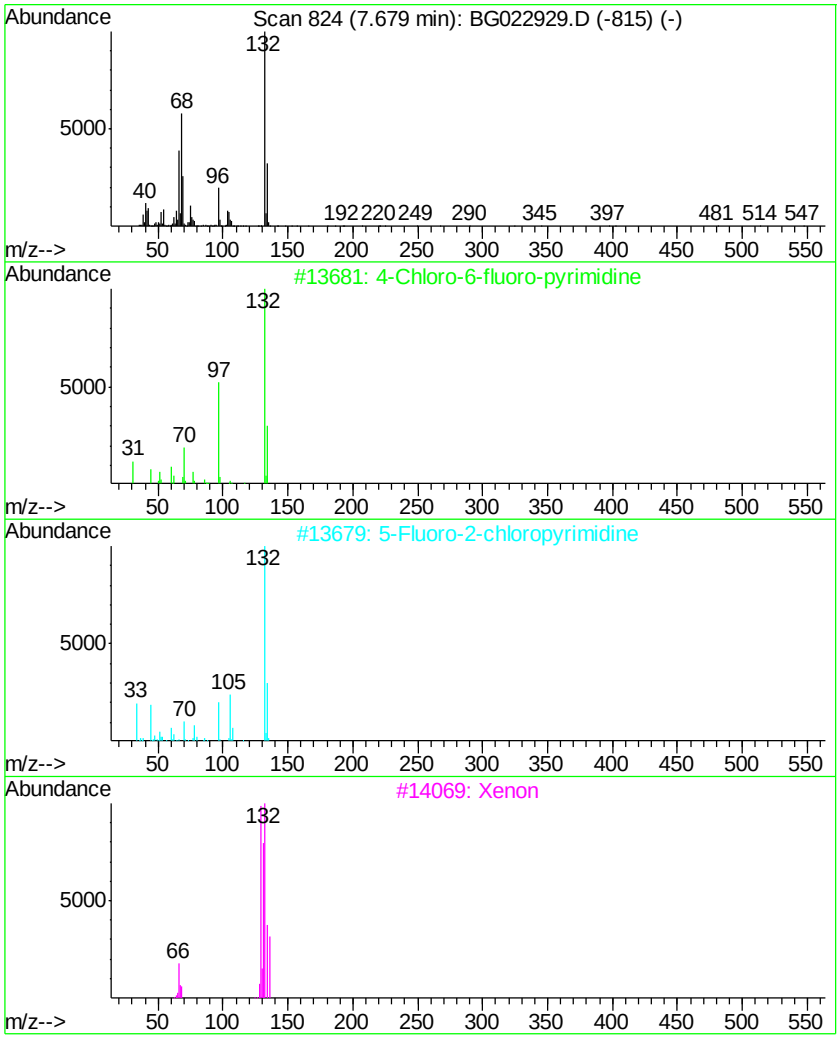
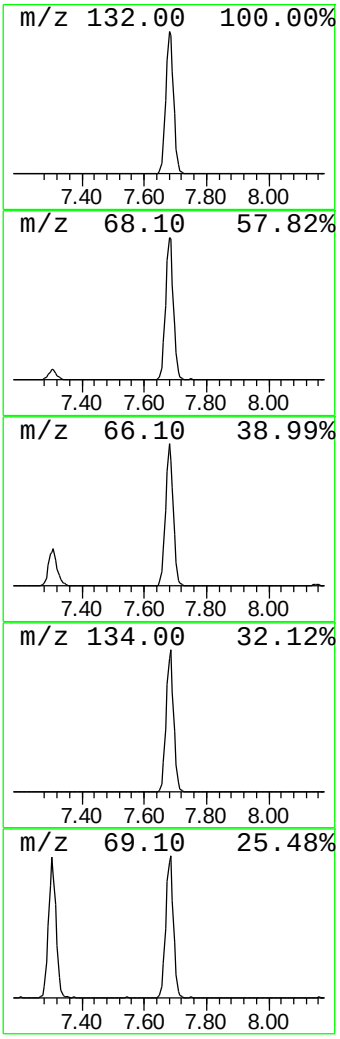
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	90.95 ng	3193430	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
3	Xenon	132	Xe	007440-63-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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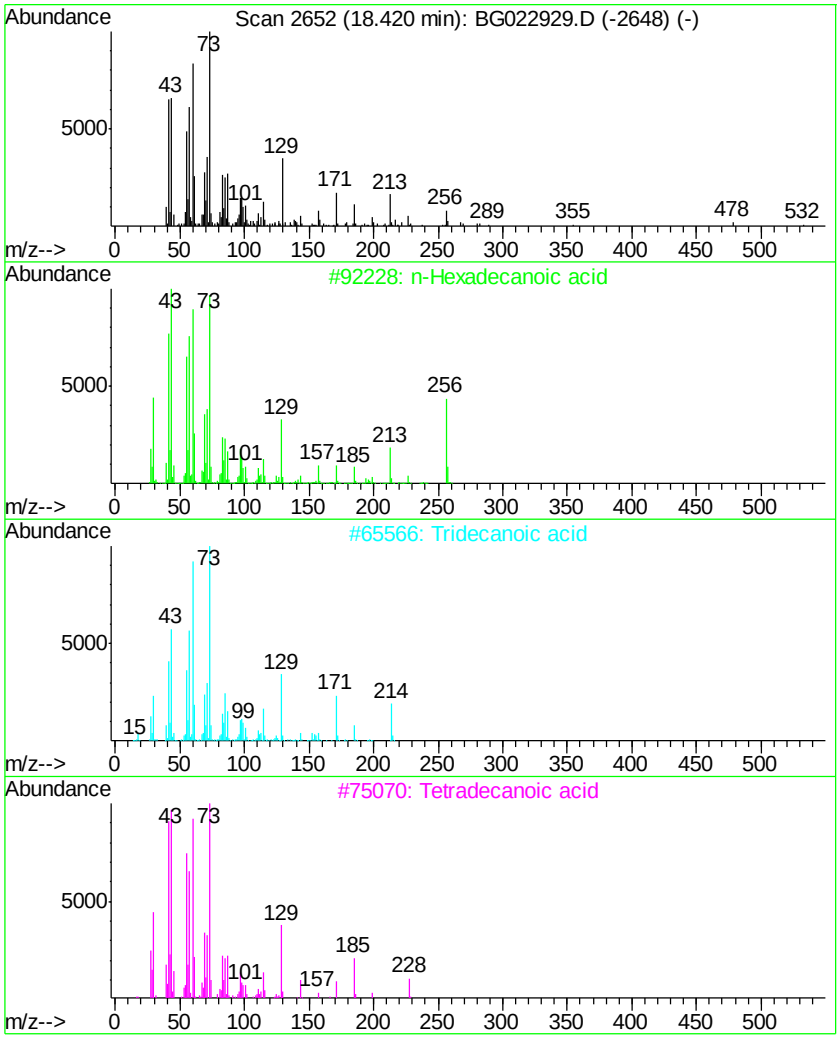
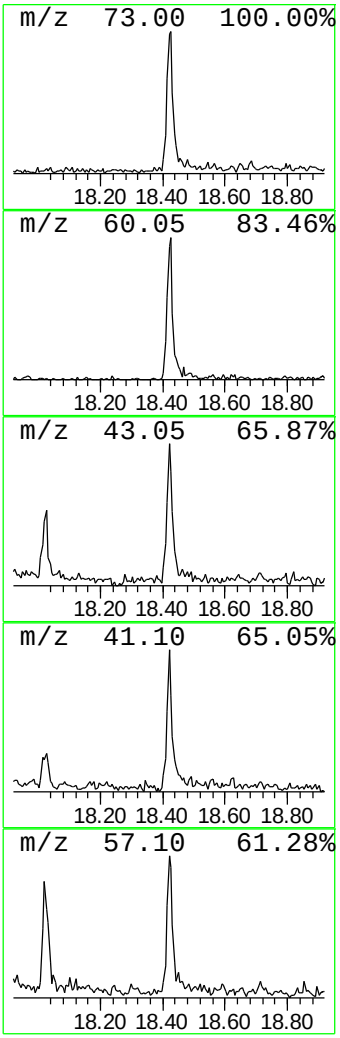
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.06 ng	356390	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	53





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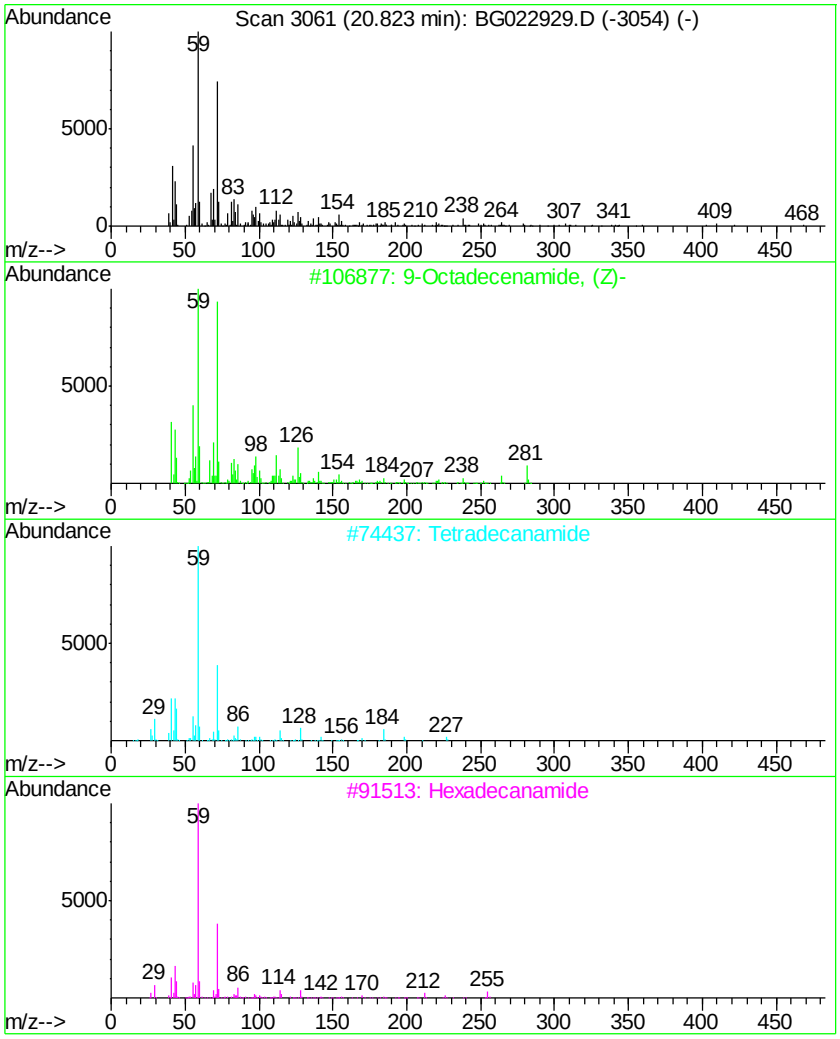
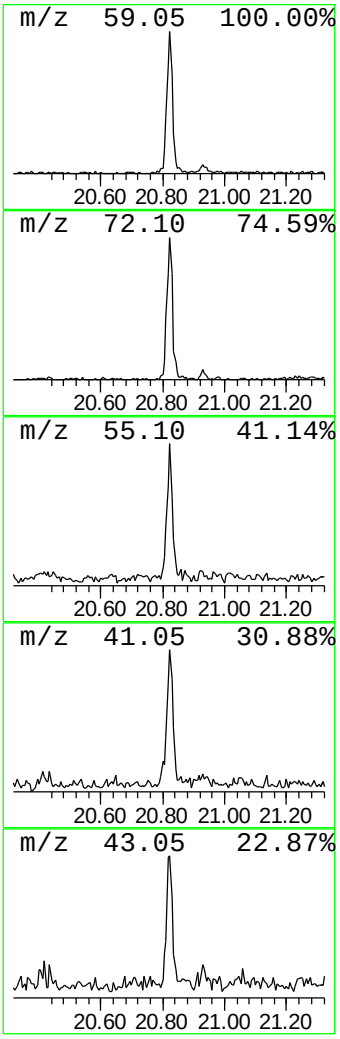
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.94 ng	407773	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	53
4	Octadecanamide	283	C18H37NO	000124-26-5	47
5	Dodecanamide	199	C12H25NO	001120-16-7	43





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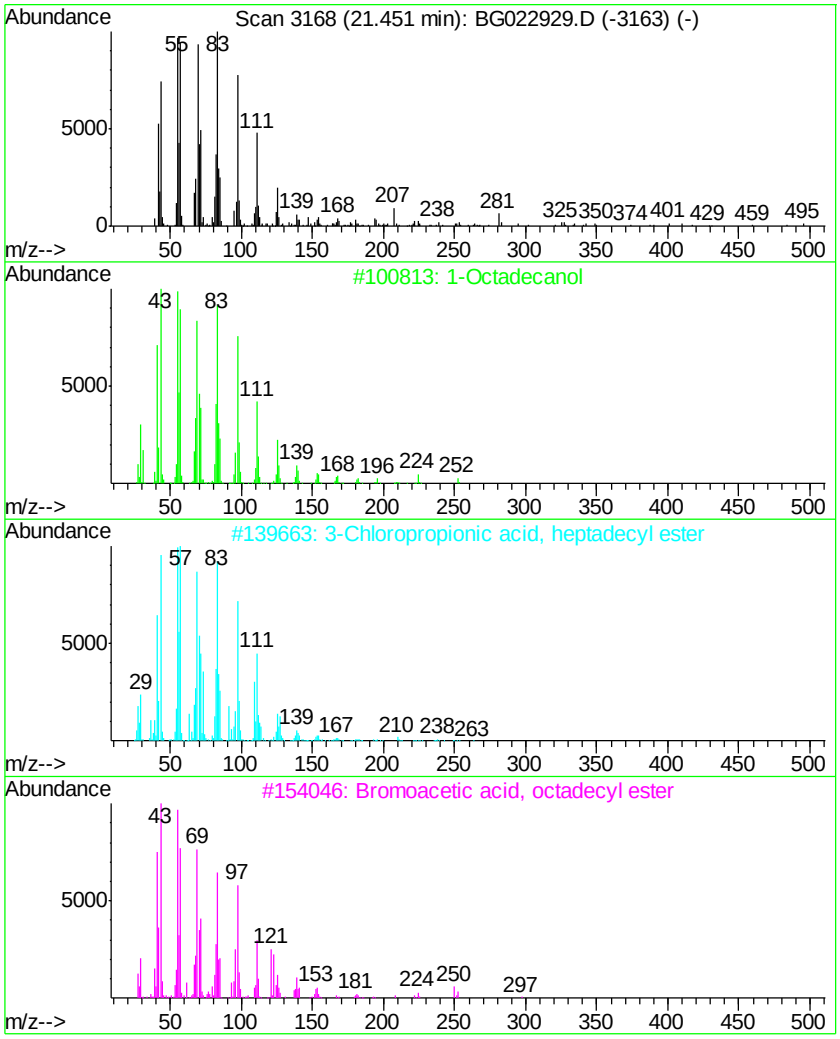
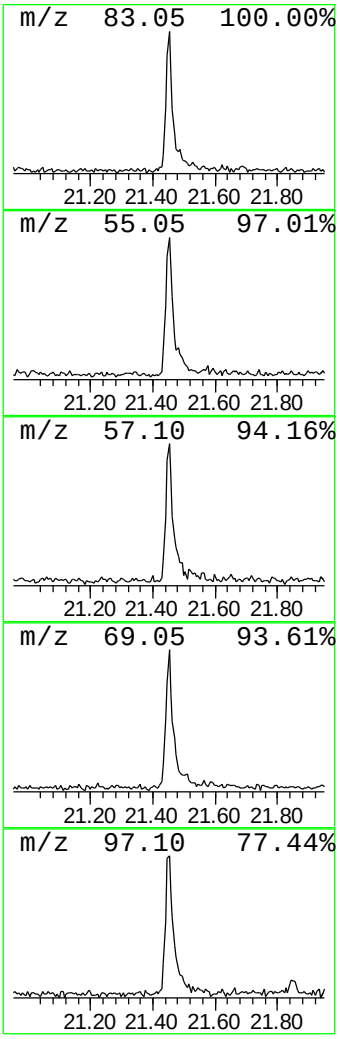
Peak Number 7 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	4.42 ng	612332	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	76
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	76





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	14.6	ng	511138	1	8.15	702270	20.0
2-Pentanone, 4-hy...	5.22	4.7	ng	164731	1	8.15	702270	20.0
unknown7.68	7.68	91.0	ng	3193430	1	8.15	702270	20.0
n-Hexadecanoic acid	18.42	3.1	ng	356390	4	17.56	2325800	20.0
9-Octadecenamide,...	20.82	2.9	ng	407773	5	21.85	2773350	20.0
1-Octadecanol	21.45	4.4	ng	612332	5	21.85	2773350	20.0