LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022305.D
Acq On : 11 Jun 2016 3:15
Operator : UM/SJ
Sample : H3448-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11-VE-PILE-WALL(0-2)

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:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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	2.967	18	22	34	rVB	42788	71829	3.73%	0.658%
2	5.176	392	398	407	rBV	23308	44506	2.31%	0.408%
3	5.658	472	480	491	rBV	422543	795685	41.34%	7.292%
4	7.268	745	754	771	rBV	464487	909408	47.25%	8.334%
5	7.638	808	817	834	rBV	488150	946894	49.20%	8.678%
6	8.108	888	897	906	rBV	81939	155664	8.09%	1.427%
7	8.431	944	952	965	rBV	333210	646784	33.60%	5.927%
8	9.277	1085	1096	1115	rBV	253501	533525	27.72%	4.889%
9	10.928	1368	1377	1389	rBV	123709	260012	13.51%	2.383%
10	13.360	1783	1791	1808	rBV	791288	1324047	68.79%	12.134%
11	14.054	1903	1909	1914	rBV3	24972	37240	1.93%	0.341%
12	14.183	1923	1931	1938	rBV	253949	419719	21.81%	3.847%
13	14.741	2019	2026	2040	rVB2	225284	394610	20.50%	3.616%
14	15.552	2160	2164	2170	rVB	20042	27251	1.42%	0.250%
15	15.722	2187	2193	2200	rVB6	14481	23762	1.23%	0.218%
16	16.228	2272	2279	2292	rBV	562514	942250	48.96%	8.635%
17	16.416	2304	2311	2320	rBV	20070	40632	2.11%	0.372%
18	17.485	2485	2493	2507	rBV	253480	453027	23.54%	4.152%
19	20.076	2927	2934	2955	rBV	1345908	1924681	100.00%	17.639%
20	21.375	3149	3155	3166	rBV6	19789	57412	2.98%	0.526%
21	21.756	3213	3220	3235	rBV2	246185	460314	23.92%	4.219%
22	25.053	3767	3781	3800	rBV3	130994	442400	22.99%	4.054%

Sum of corrected areas: 10911652

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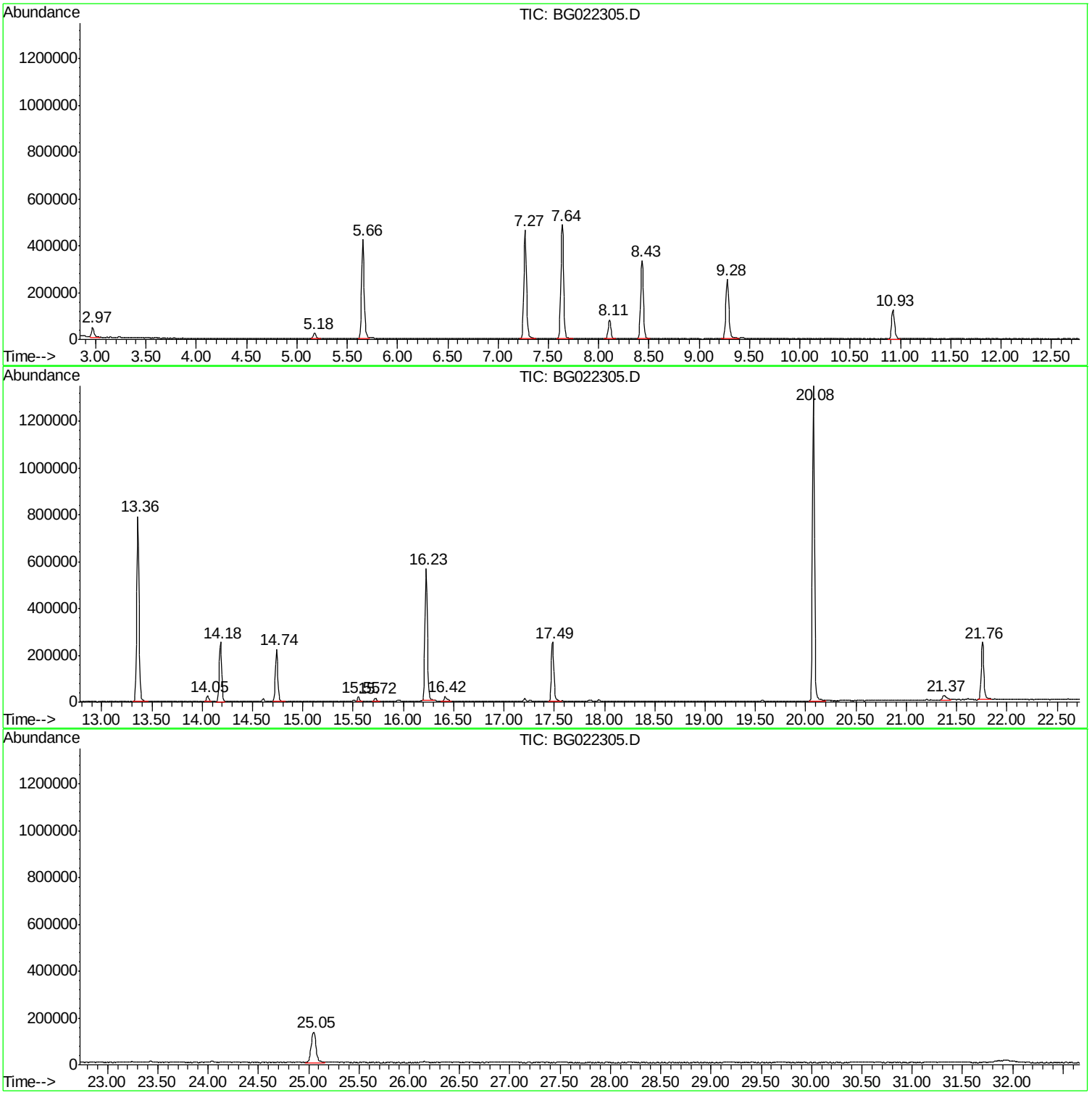
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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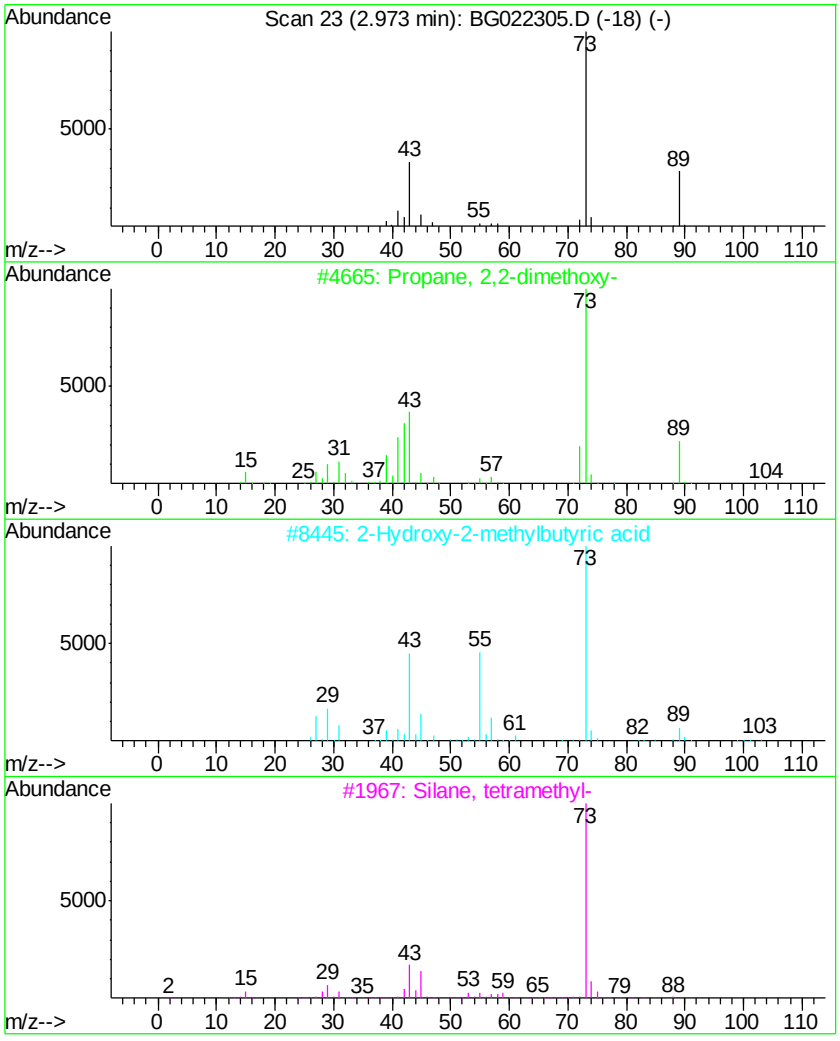
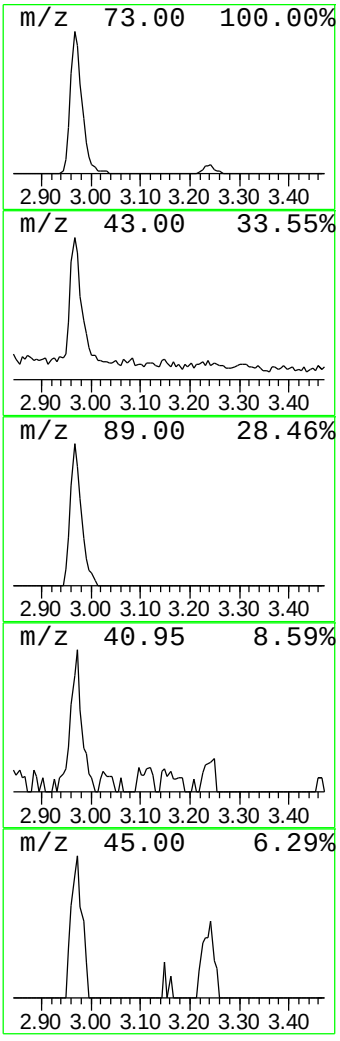
Peak Number 1 unknown2.97 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	9.23 ng	71829	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





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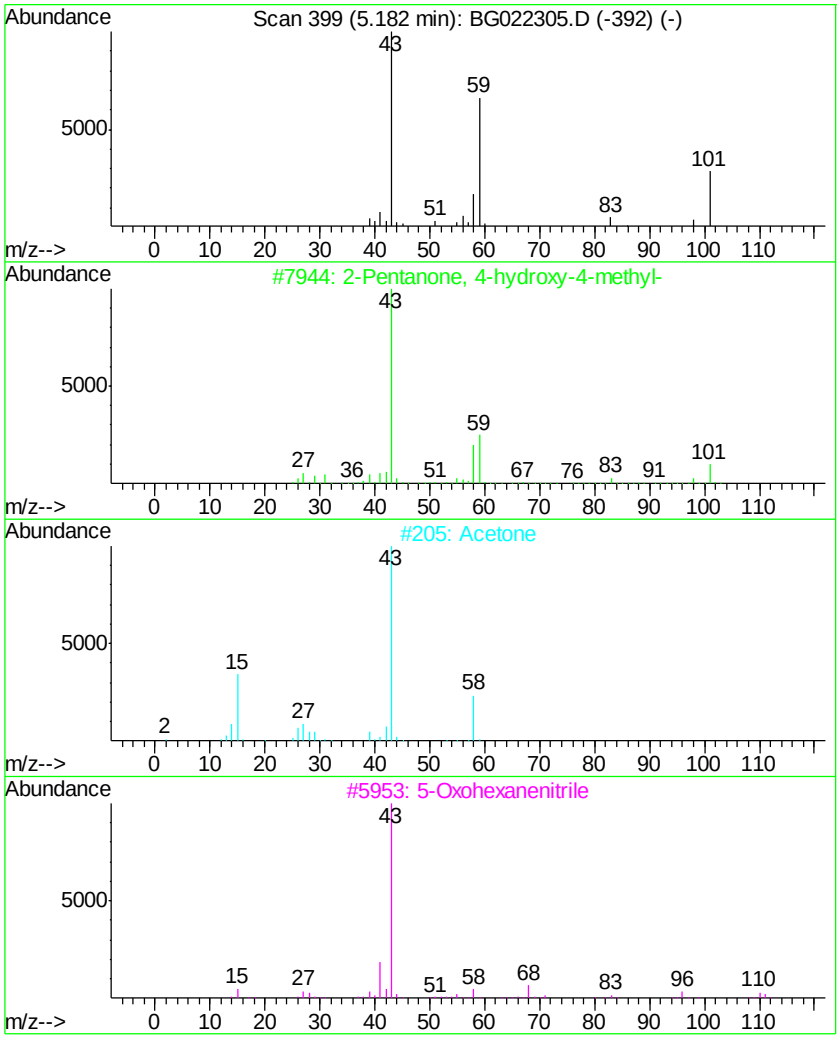
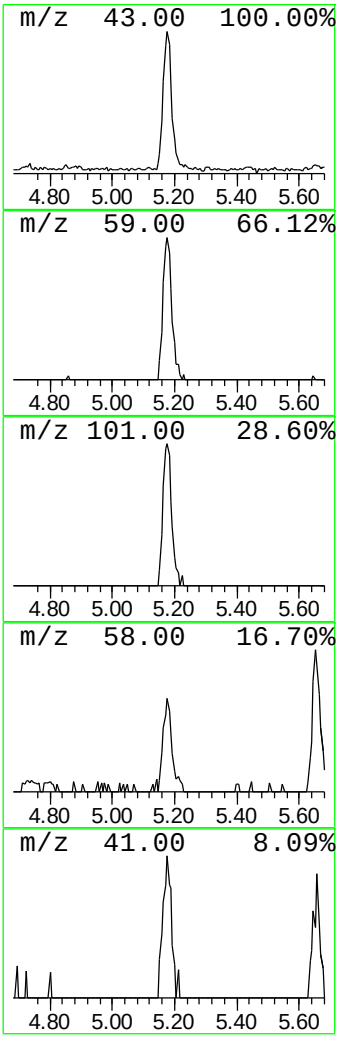
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.72 ng	44506	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Instrument : BNA_G
ClientSampleId : 11-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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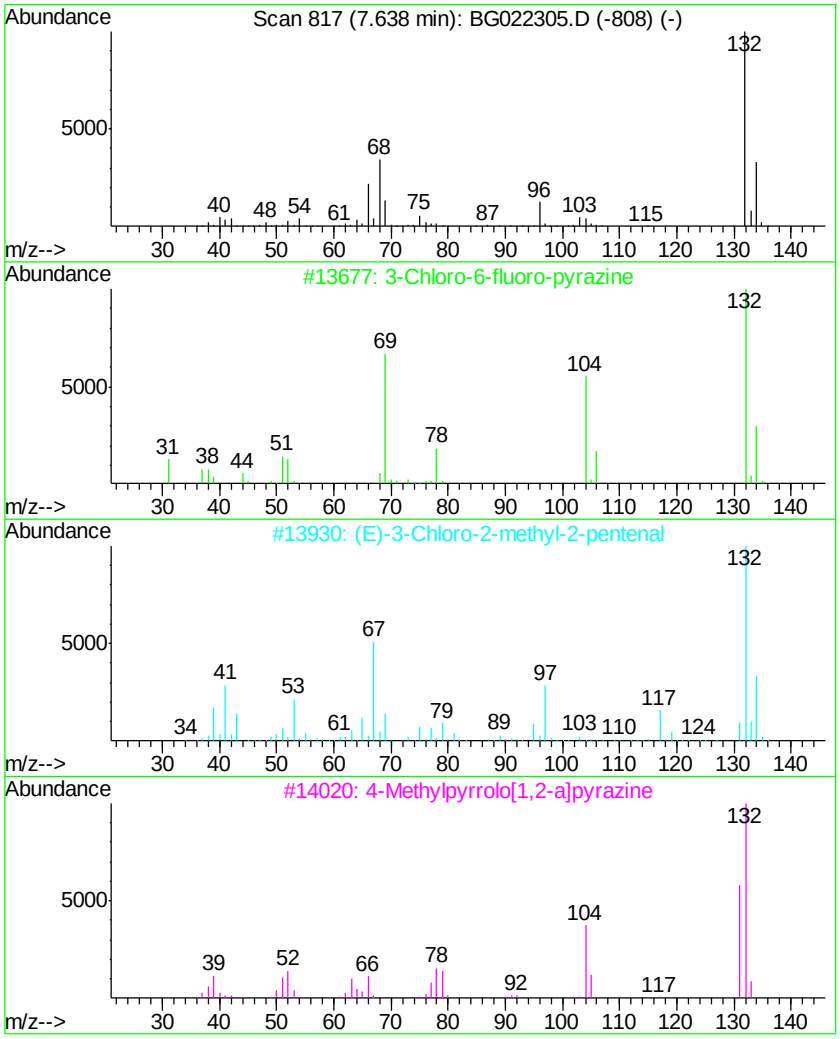
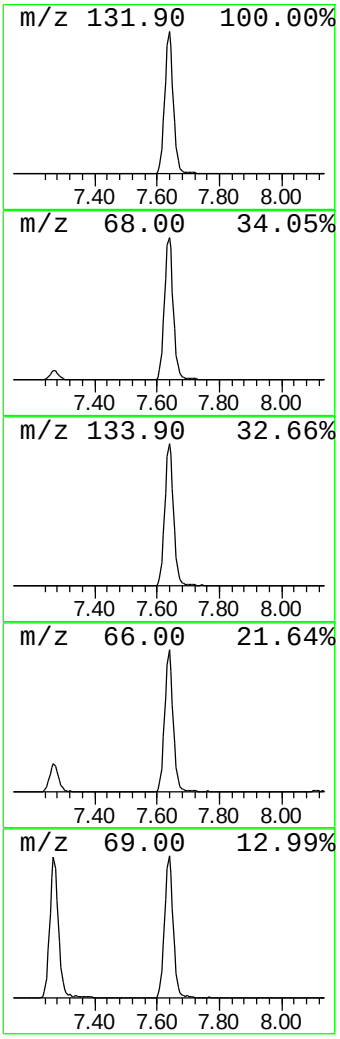
Peak Number 3 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	121.66 ng	946894	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





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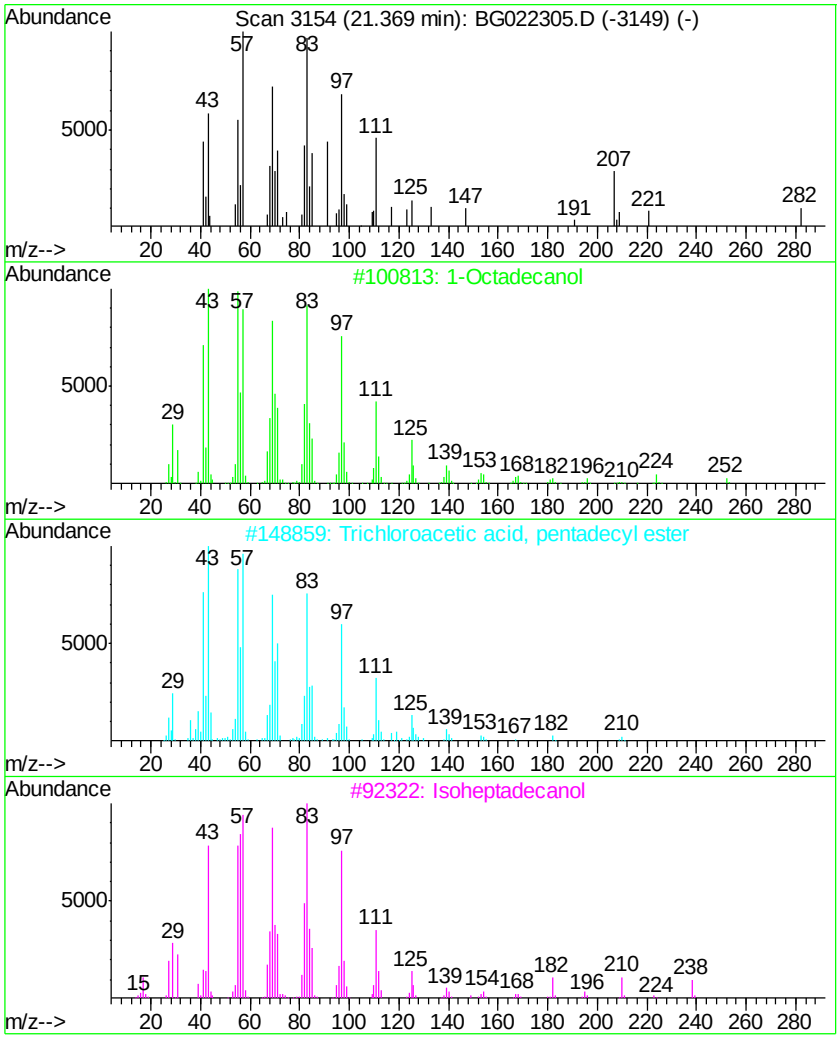
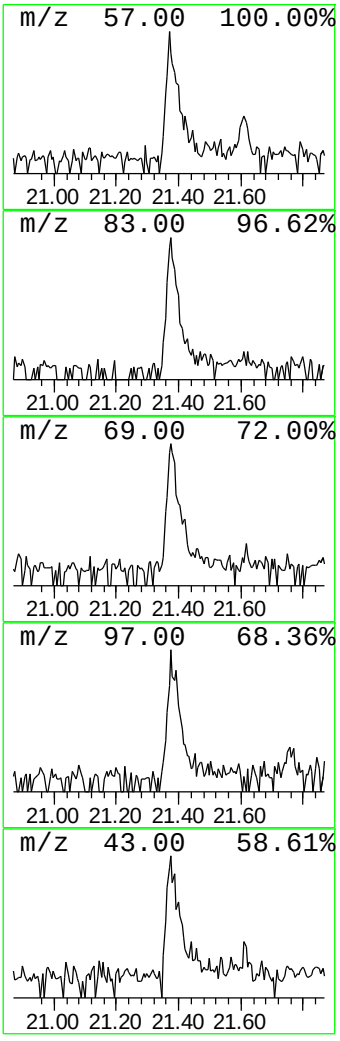
Peak Number 5 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.49 ng	57412	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	90
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	Isoheptadecanol	256	C17H36O	057289-07-3	87
4	1-Nonadecene	266	C19H38	018435-45-5	86
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.97	2.97	9.2	ng	71829	1	8.11	155664	20.0
2-Pentanone, 4-hy...	5.18	5.7	ng	44506	1	8.11	155664	20.0
unknown7.64	7.64	121.7	ng	946894	1	8.11	155664	20.0
1-Octadecanol	21.37	2.5	ng	57412	5	21.76	460314	20.0