LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037366.D
Acq On : 16 Oct 2018 19:27
Operator : JU/SJ
Sample : J5524-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-SOIL-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_G\METHODS\8270-BG101118.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	3.771	78	82	91	rVB	29363	49985	1.01%	0.182%
2	5.192	318	324	335	rVB	52623	87612	1.77%	0.319%
3	5.651	393	402	413	rBV	1248842	2053428	41.54%	7.469%
4	7.255	666	675	691	rBV	1349752	2459082	49.74%	8.945%
5	7.637	732	740	752	rBV	1204829	2131352	43.12%	7.753%
6	8.113	814	821	834	rVB	211110	376436	7.61%	1.369%
7	8.436	867	876	886	rBV	874797	1558662	31.53%	5.669%
8	9.288	1013	1021	1033	rBV	748998	1397328	28.27%	5.083%
9	10.933	1294	1301	1312	rVB	297743	563245	11.39%	2.049%
10	13.371	1708	1716	1730	rBV	2092778	3373626	68.25%	12.271%
11	14.188	1849	1855	1862	rBV	258225	380593	7.70%	1.384%
12	14.746	1942	1950	1958	rBV2	518224	863509	17.47%	3.141%
13	16.232	2195	2203	2213	rBV	1674898	2685642	54.33%	9.769%
14	17.490	2410	2417	2428	rBV2	732426	1145597	23.17%	4.167%
15	18.353	2558	2564	2575	rBV	111184	183283	3.71%	0.667%
16	19.205	2703	2709	2718	rBV2	62687	104029	2.10%	0.378%
17	19.617	2772	2779	2784	rBV4	44102	70905	1.43%	0.258%
18	20.093	2853	2860	2868	rBV	3633626	4943403	100.00%	17.981%
19	21.385	3075	3080	3088	rBV	138499	214121	4.33%	0.779%
20	21.773	3139	3146	3159	rVB	695215	1214999	24.58%	4.419%
21	21.943	3171	3175	3185	rVB	41027	62309	1.26%	0.227%
22	22.572	3277	3282	3289	rBV2	36806	65654	1.33%	0.239%
23	23.283	3397	3403	3412	rBV3	52237	104010	2.10%	0.378%
24	24.117	3539	3545	3554	rBV3	39555	95652	1.93%	0.348%
25	25.116	3704	3715	3727	rBV	430061	1227082	24.82%	4.463%
26	26.297	3909	3916	3926	rVB4	26857	80577	1.63%	0.293%

Sum of corrected areas: 27492121

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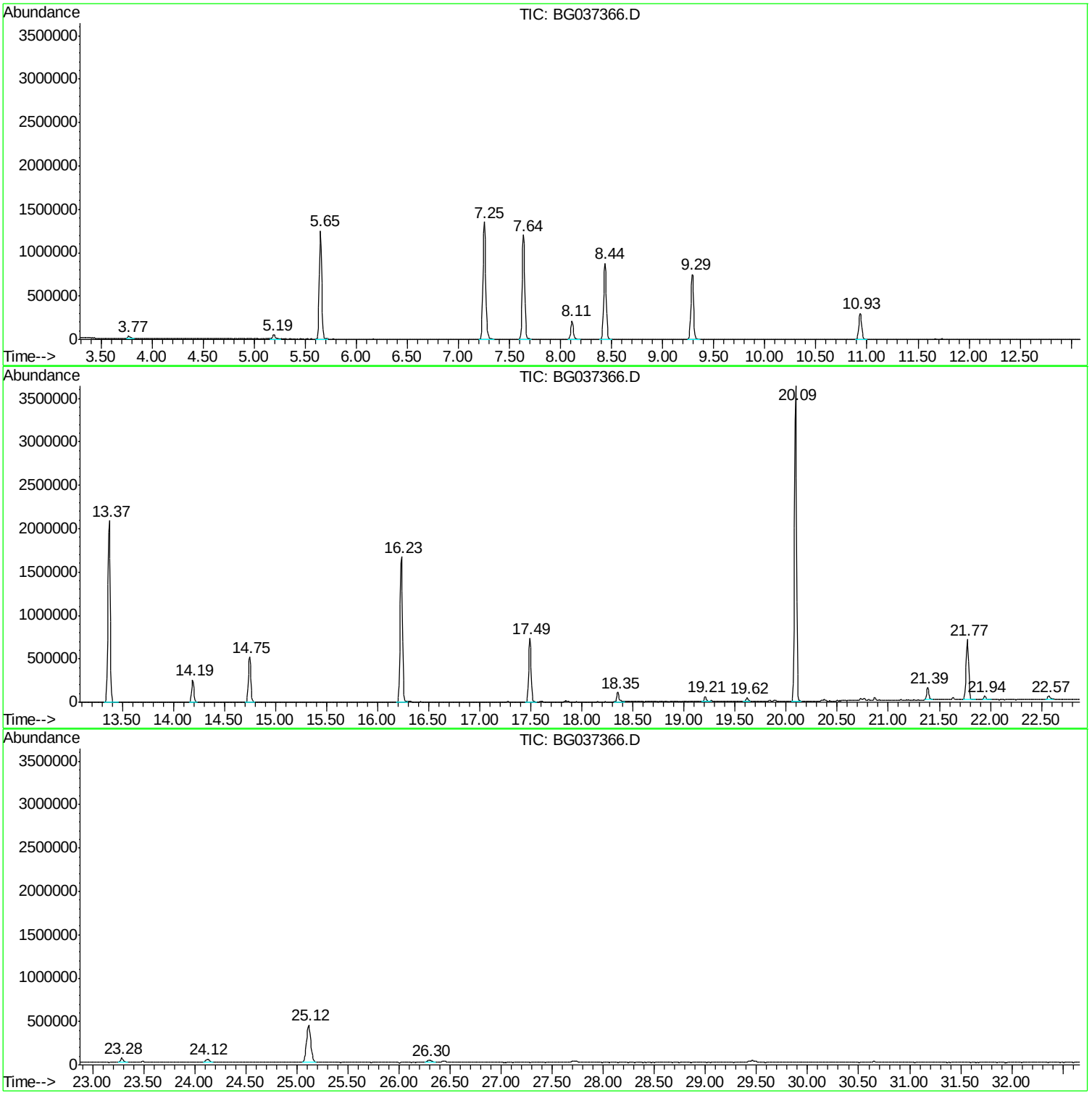
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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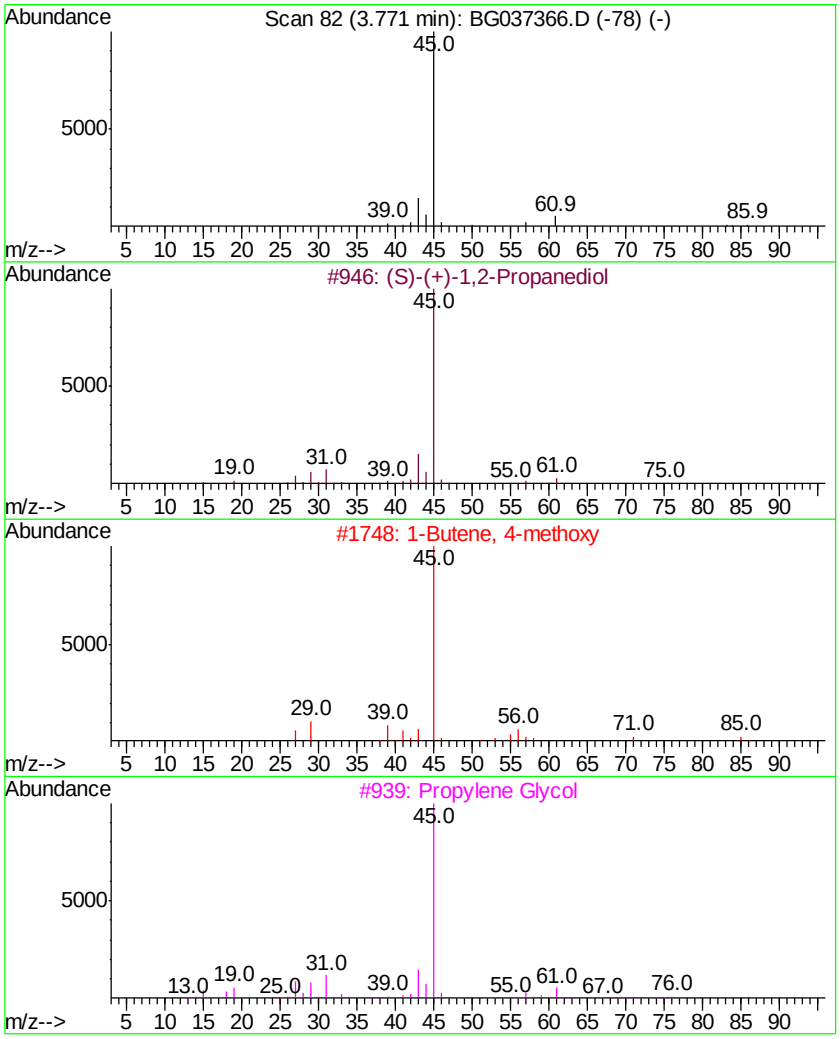
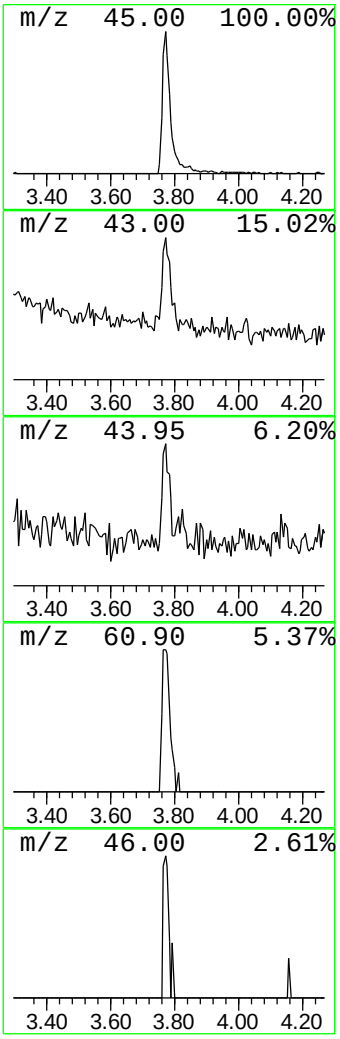
Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	2.66 ng	49985	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	9
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	2-Butanol, (R)-	74	C4H10O	014898-79-4	9
5	2-Butanol	74	C4H10O	000078-92-2	9





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ClientSampleId : BS-SOIL-2

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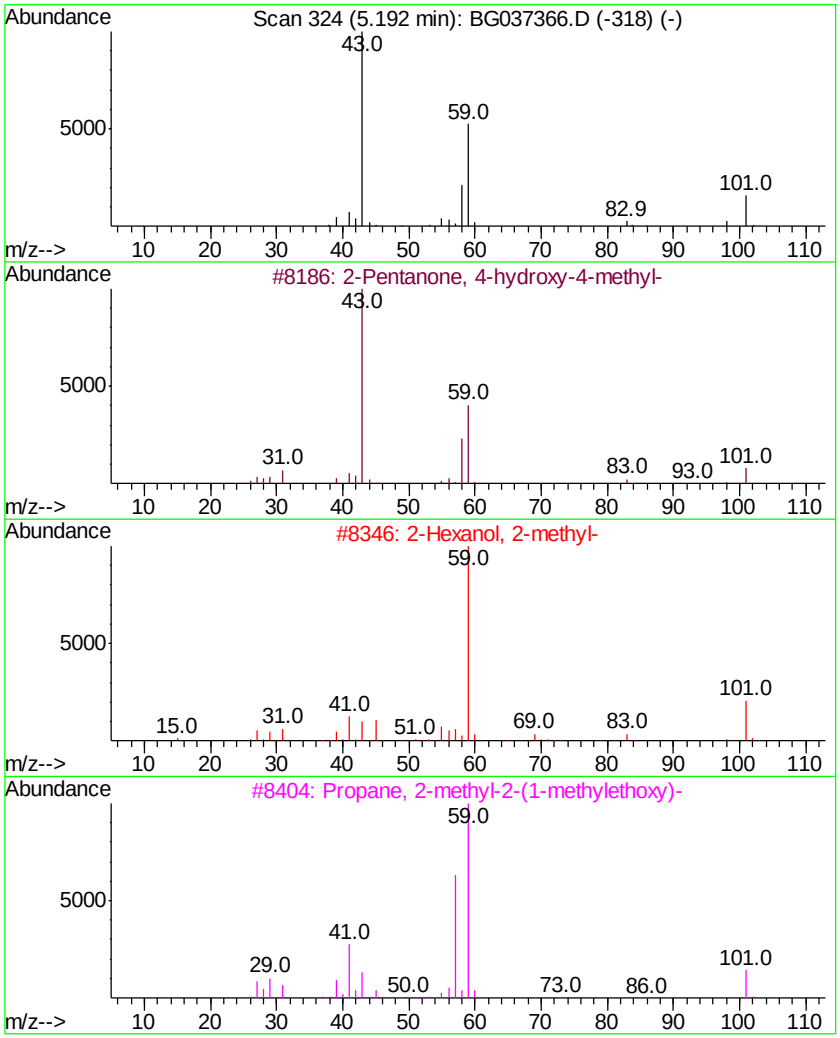
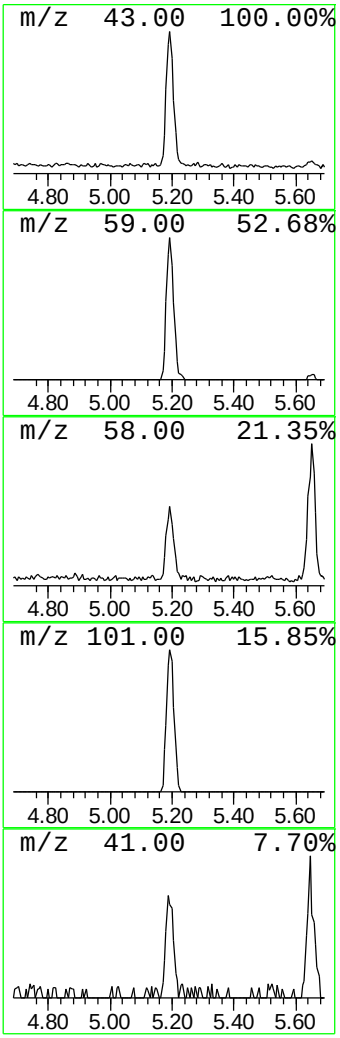
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.65 ng	87612	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	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	25





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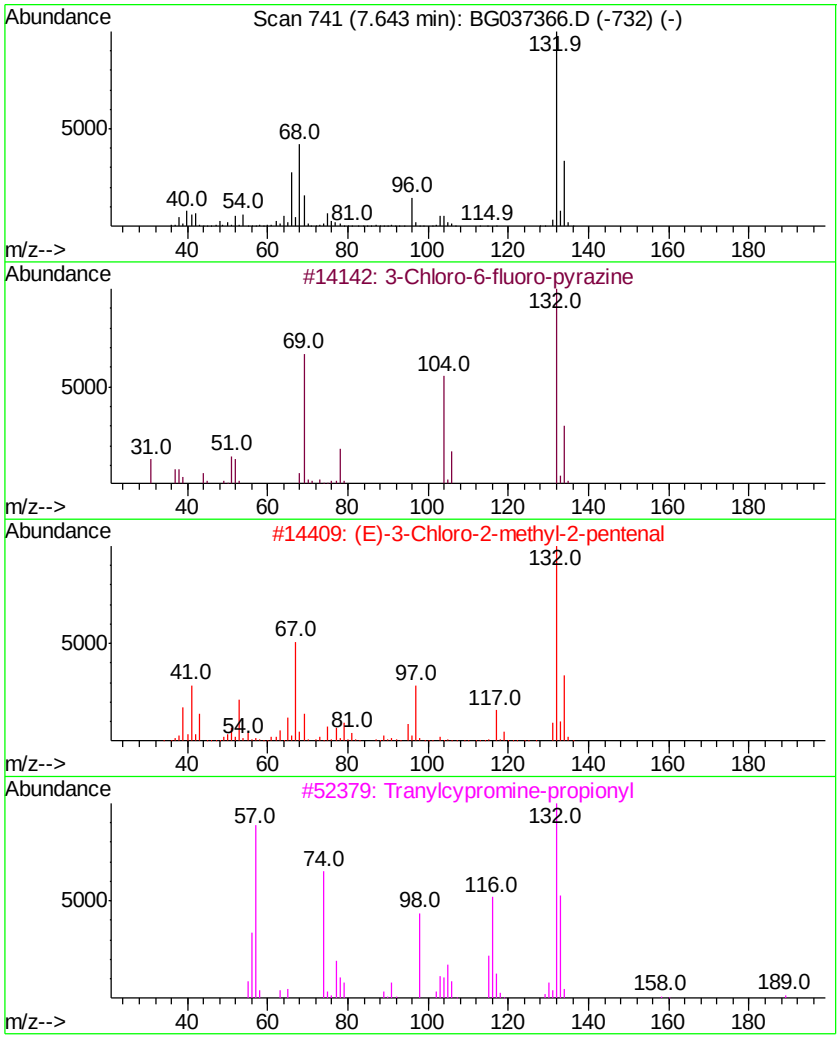
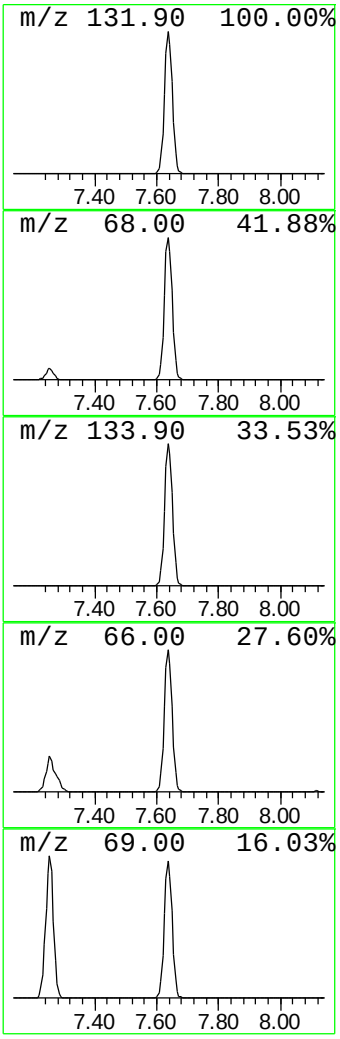
Peak Number 3 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	113.24 ng	2131350	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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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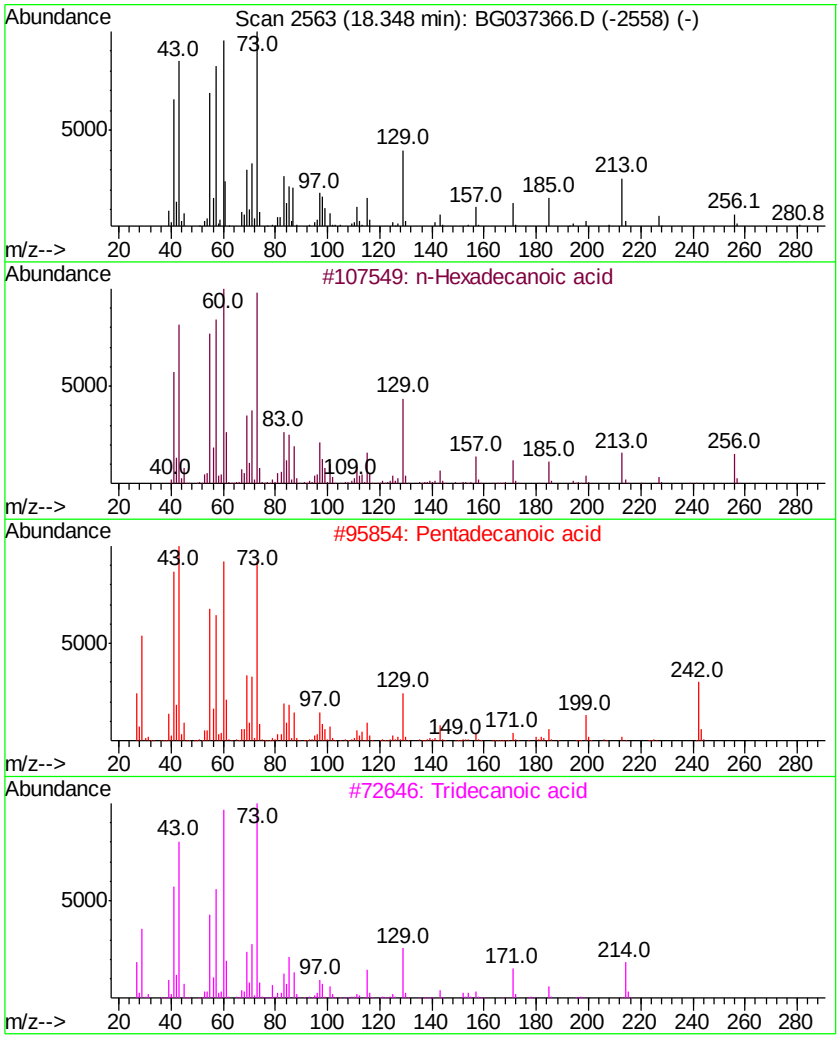
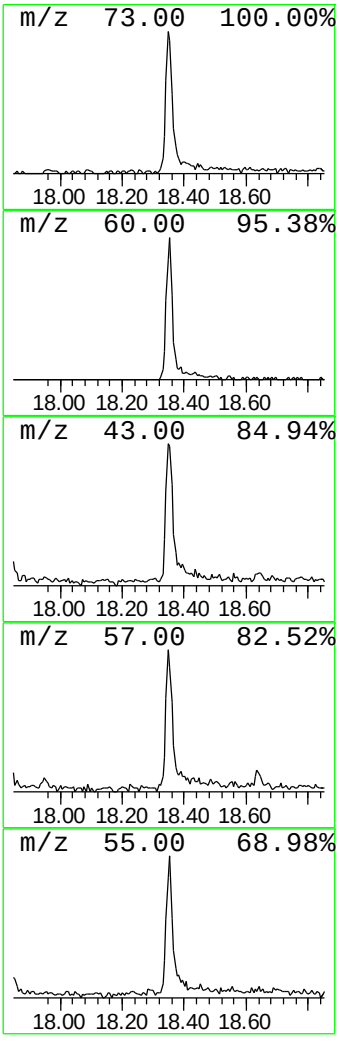
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.20 ng	183283	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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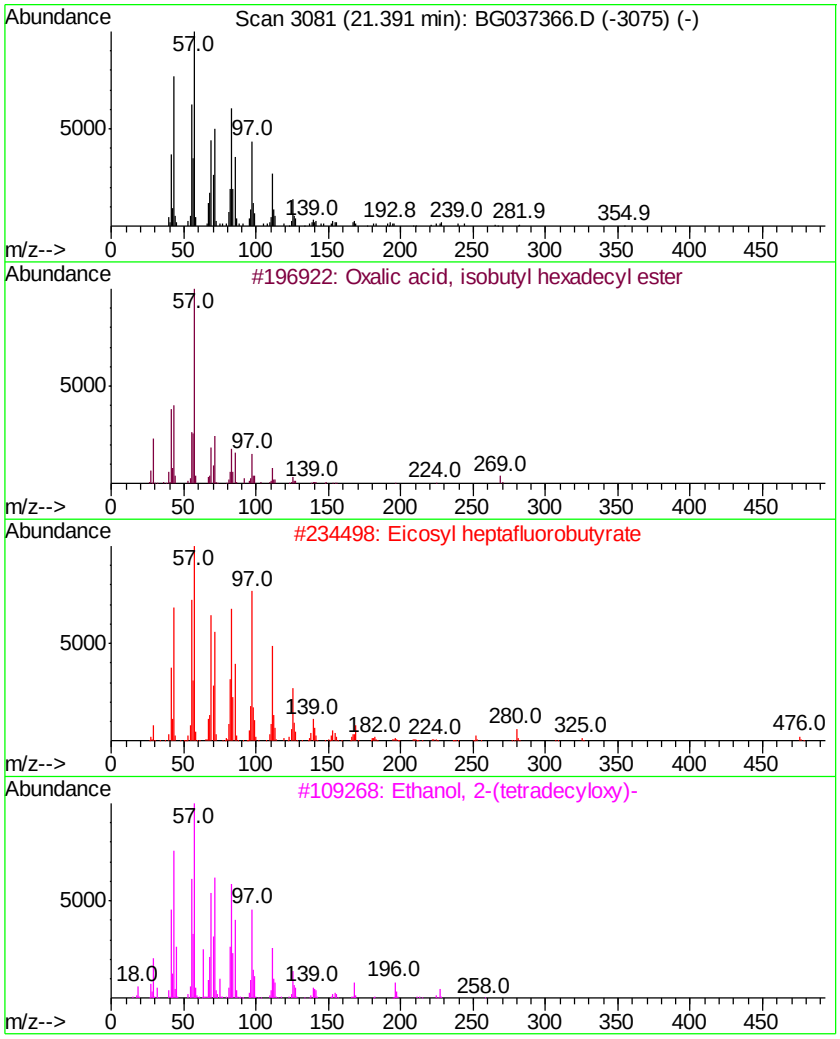
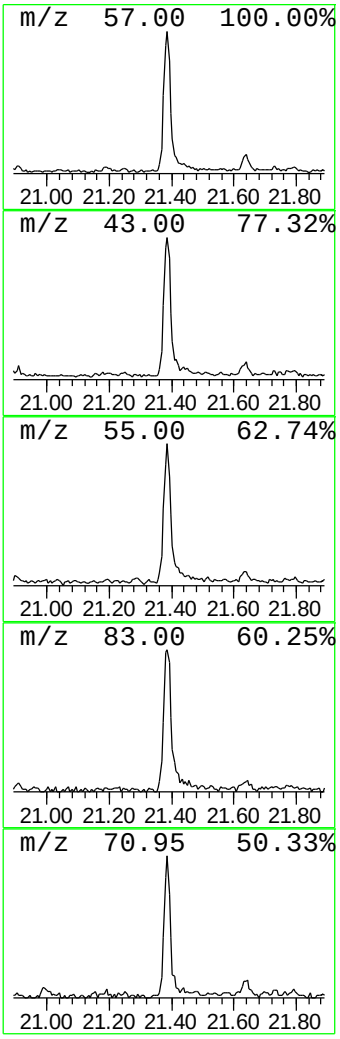
Peak Number 6 Oxalic acid, isobutyl hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	3.52 ng	214121	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(S)-(+)-1,2-Propa...	3.77	2.7	ng	49985	1	8.11	376436	20.0
2-Pentanone, 4-hy...	5.19	4.7	ng	87612	1	8.11	376436	20.0
unknown7.64	7.64	113.2	ng	2131350	1	8.11	376436	20.0
n-Hexadecanoic acid	18.35	3.2	ng	183283	4	17.49	1145600	20.0
Oxalic acid, isob...	21.39	3.5	ng	214121	5	21.77	1215000	20.0