LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
Data File : BF076969.D
Acq On : 20 Jan 2015 19:03
Operator : IZ / TP
Sample : G1110-06
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-48

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-BF011415.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	1.441	29	31	38	rBV	46041	80525	6.22%	0.997%
2	4.024	255	257	268	rBV	18846	46326	3.58%	0.574%
3	4.962	336	339	349	rBV	194308	369845	28.56%	4.579%
4	7.305	541	544	549	rBV	107247	198967	15.37%	2.463%
5	7.396	549	552	558	rVB	444123	790278	61.03%	9.784%
6	7.910	594	597	601	rVB	113299	178541	13.79%	2.210%
7	8.230	621	625	628	rBV	488724	759412	58.65%	9.402%
8	9.202	707	710	714	rBV	356961	616579	47.62%	7.634%
9	9.831	758	765	772	rBV2	29792	79201	6.12%	0.981%
10	10.814	848	851	855	rVB	167819	245080	18.93%	3.034%
11	13.477	1080	1084	1087	rBV	757178	1246504	96.27%	15.432%
12	14.951	1209	1213	1216	rVB	158276	274033	21.16%	3.393%
13	15.865	1291	1293	1296	rVB	11543	17442	1.35%	0.216%
14	16.631	1357	1360	1363	rBV	609337	768900	59.38%	9.519%
15	17.729	1454	1456	1459	rVB	243701	285164	22.02%	3.530%
16	18.723	1540	1543	1547	rBV2	22473	32228	2.49%	0.399%
17	19.420	1602	1604	1607	rVB	69912	92722	7.16%	1.148%
18	19.969	1649	1652	1654	rBV	1161963	1294836	100.00%	16.031%
19	21.226	1758	1762	1765	rBV	234393	370143	28.59%	4.583%
20	22.449	1866	1869	1873	rVB	16481	21796	1.68%	0.270%
21	22.895	1905	1908	1911	rBV	227577	261717	20.21%	3.240%
22	23.066	1918	1923	1927	rBV5	4885	15957	1.23%	0.198%
23	23.809	1985	1988	1990	rBV4	8663	15686	1.21%	0.194%
24	23.878	1990	1994	1996	rVB2	7868	15302	1.18%	0.189%

Sum of corrected areas: 8077184

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ClientSampleId :
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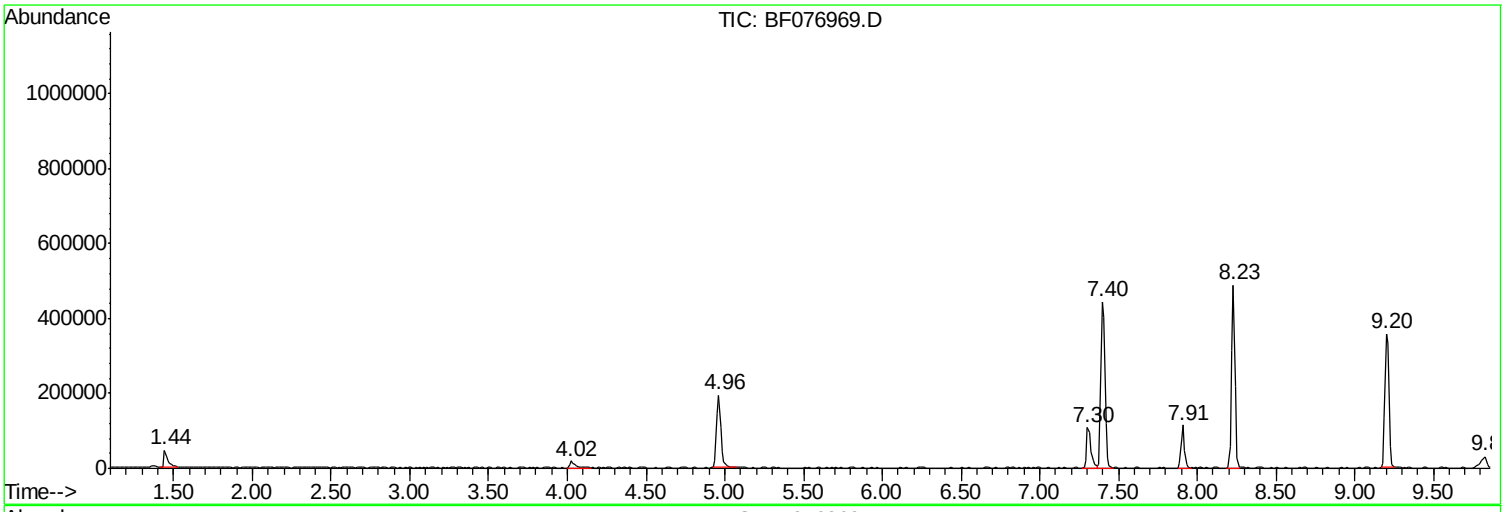
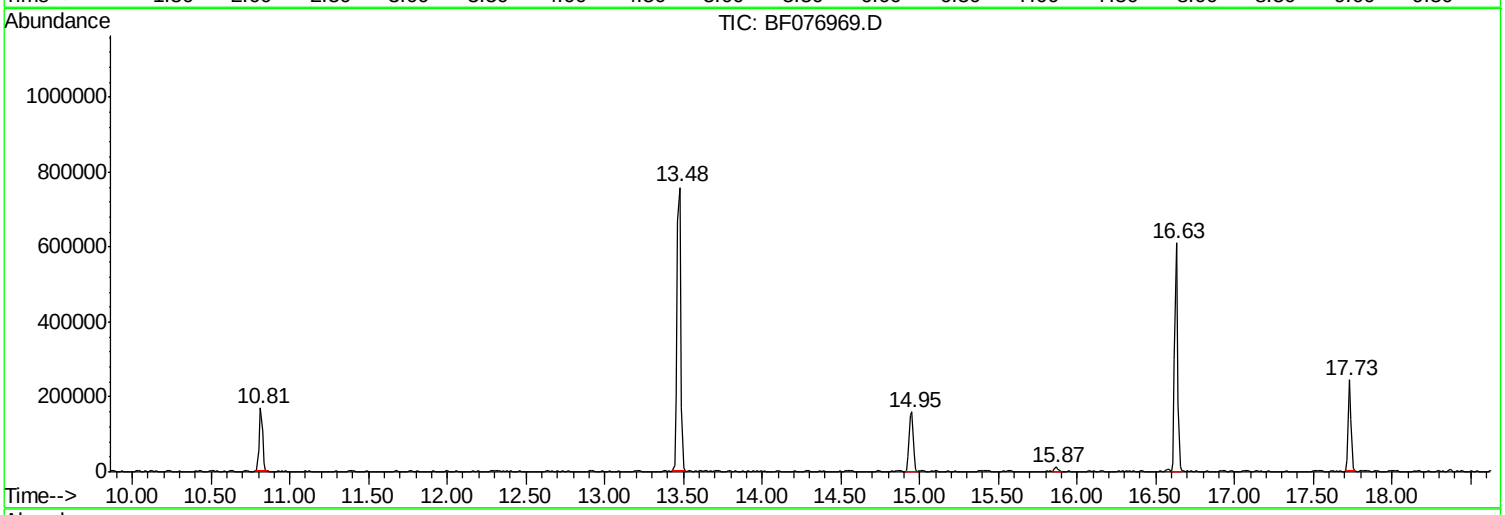
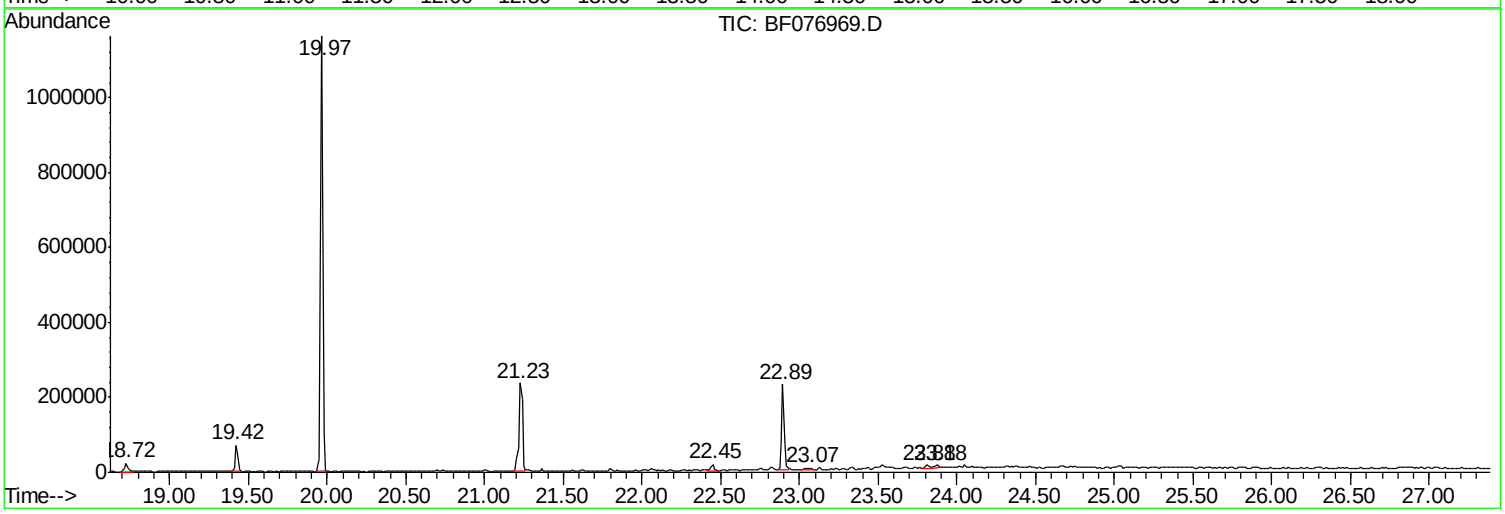
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

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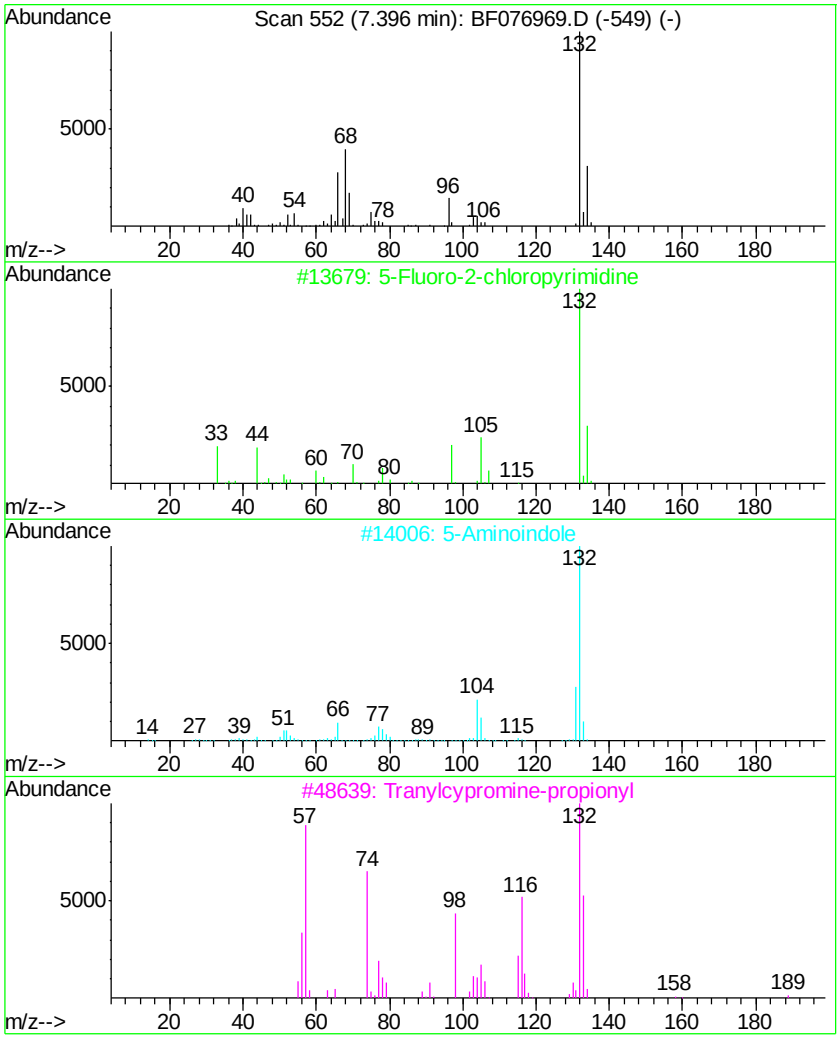
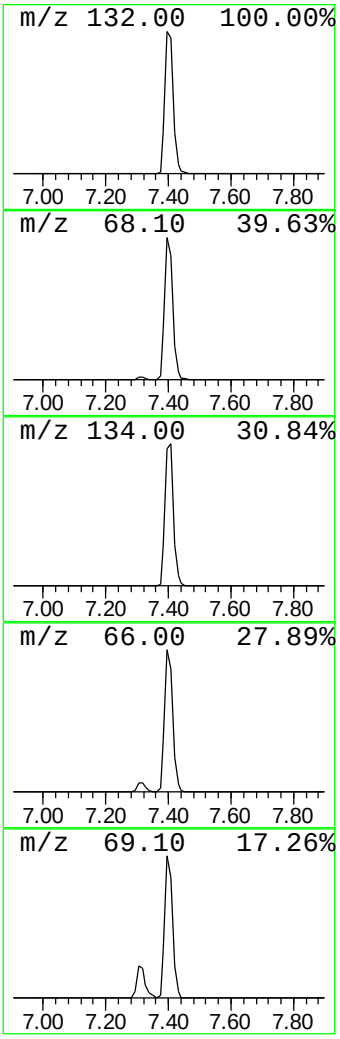
****

Peak Number 3 unknown7.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	88.53 ng	790278	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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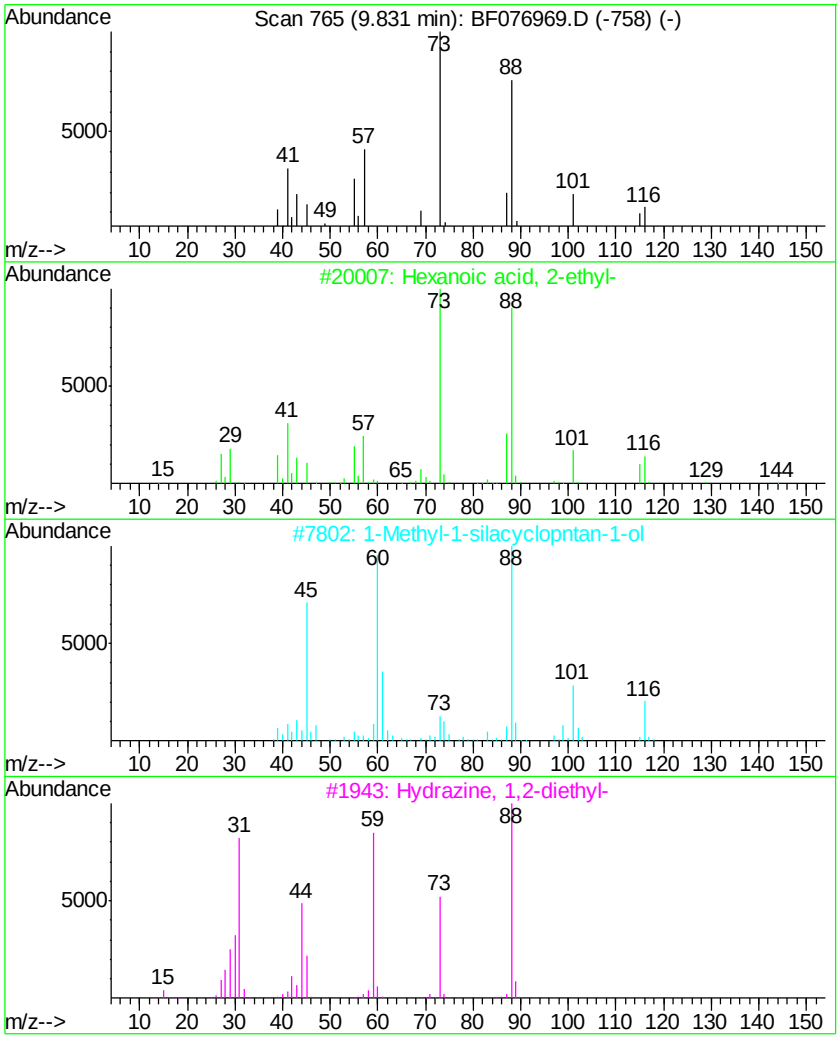
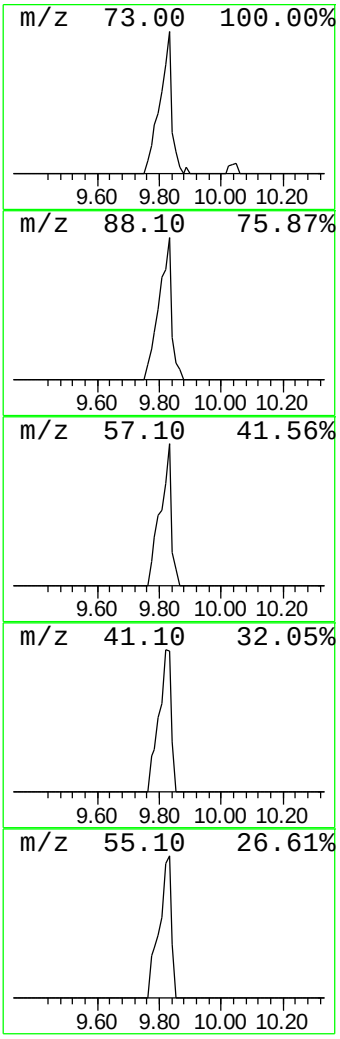
****
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.46 ng	79201	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	40
3	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	37
4	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	33
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	33





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Instrument :
BNA_F
ClientSampleId :
MW-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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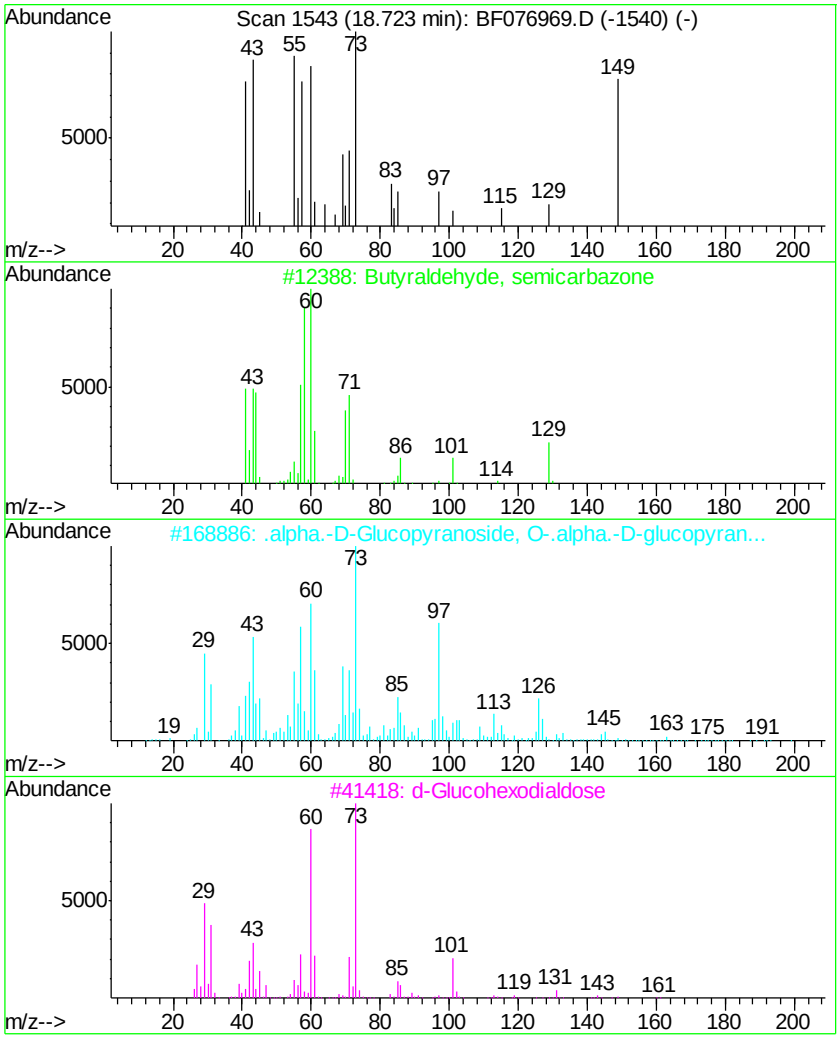
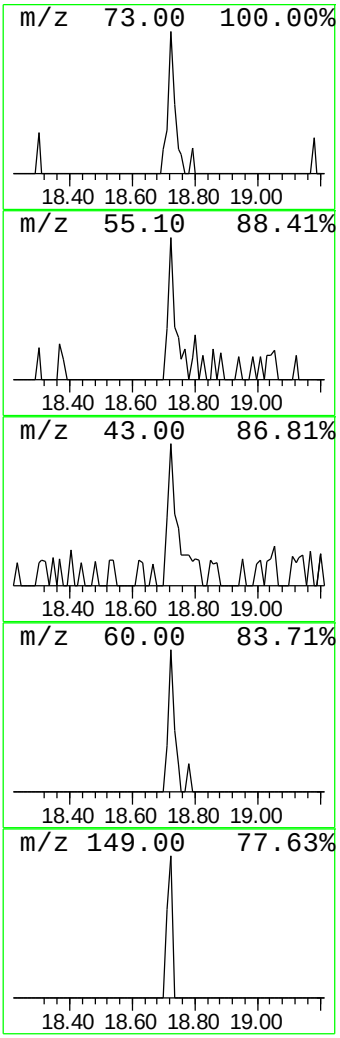
****
Peak Number 6 unknown18.72 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.26 ng	32228	Phenanthrene-d10	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	38
2	.alpha.-D-Glucopyranoside, O-.al...	504	C18H32O16	000597-12-6	32
3	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	25
4	d-Arabinose	150	C5H10O5	010323-20-3	25
5	Lactose	342	C12H22O11	000063-42-3	23





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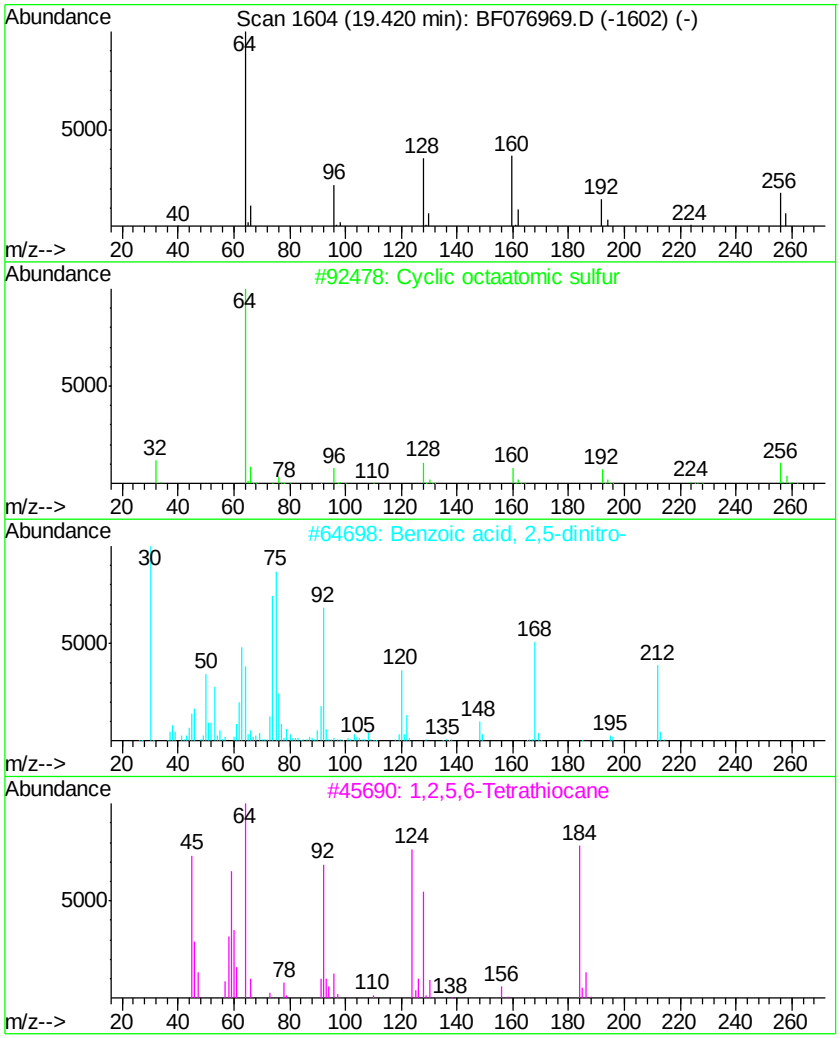
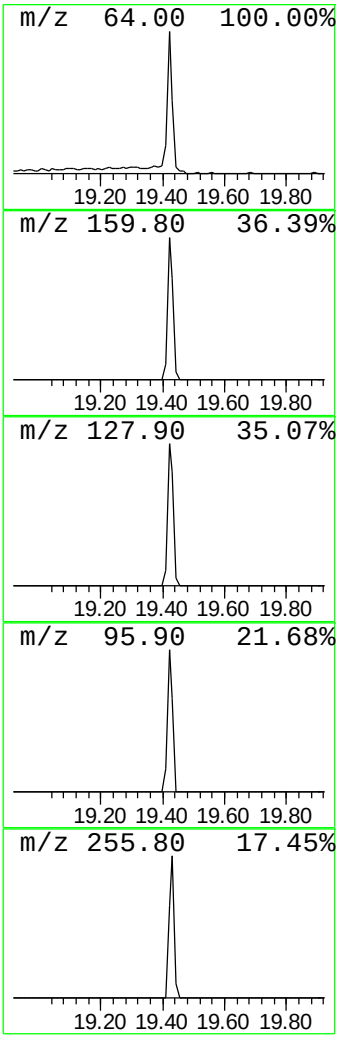
****

Peak Number 7 Cyclic octaatomic sulfur Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	6.50 ng	92722	Phenanthrene-d10	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	90
2	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	59
3	1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	9
4	2,3-Diazabicyclo[3.2.0]hept-2-en...	176	C7H7F3N2	1000258-92-2	9
5	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
unknown7.40	7.40	88.5	ng	790278	1	7.91	178541	20.0
Hexanoic acid, 2-...	9.83	6.5	ng	79201	2	10.81	245080	20.0
unknown18.72	18.72	2.3	ng	32228	4	17.73	285164	20.0
Cyclic octaatomic...	19.42	6.5	ng	92722	4	17.73	285164	20.0