LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043635.D
Acq On : 14 Nov 2019 15:56
Operator : JU
Sample : K5826-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-14B-S

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-BG102119.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	3.161	7	12	24	rVB	101396	144683	5.21%	1.031%
2	5.100	335	342	351	rBV	106548	169966	6.12%	1.211%
3	5.593	419	426	437	rBV	510617	884118	31.81%	6.302%
4	7.197	687	699	715	rBV	538216	1072260	38.58%	7.643%
5	7.544	750	758	776	rBV	561460	1009293	36.32%	7.194%
6	7.996	828	835	844	rBV	110913	189613	6.82%	1.351%
7	8.320	883	890	907	rVB	442314	775434	27.90%	5.527%
8	9.160	1025	1033	1051	rBV	290895	601304	21.64%	4.286%
9	10.805	1306	1313	1324	rBV	125116	258547	9.30%	1.843%
10	13.249	1722	1729	1746	rBV	970137	1589890	57.21%	11.332%
11	14.078	1863	1870	1886	rBV	85080	159490	5.74%	1.137%
12	14.624	1957	1963	1981	rBV	251967	428401	15.41%	3.053%
13	16.122	2211	2218	2241	rBV	807219	1418917	51.06%	10.113%
14	17.374	2424	2431	2448	rBV	319360	546776	19.67%	3.897%
15	18.267	2577	2583	2598	rBV3	37434	71394	2.57%	0.509%
16	19.982	2869	2875	2891	rBV	2049005	2779125	100.00%	19.809%
17	21.281	3091	3096	3108	rBV4	48644	150632	5.42%	1.074%
18	21.639	3150	3157	3171	rBV	371906	700632	25.21%	4.994%
19	21.821	3183	3188	3193	rBV2	19544	29343	1.06%	0.209%
20	22.415	3284	3289	3293	rBV2	26657	38683	1.39%	0.276%
21	23.096	3399	3405	3413	rVB3	32311	59249	2.13%	0.422%
22	23.290	3432	3438	3443	rBV4	19725	40414	1.45%	0.288%
23	23.890	3533	3540	3548	rBV2	33646	67550	2.43%	0.481%
24	24.818	3688	3698	3712	rVB2	275247	789730	28.42%	5.629%
25	25.928	3879	3887	3892	rBV4	22526	54497	1.96%	0.388%

Sum of corrected areas: 14029941

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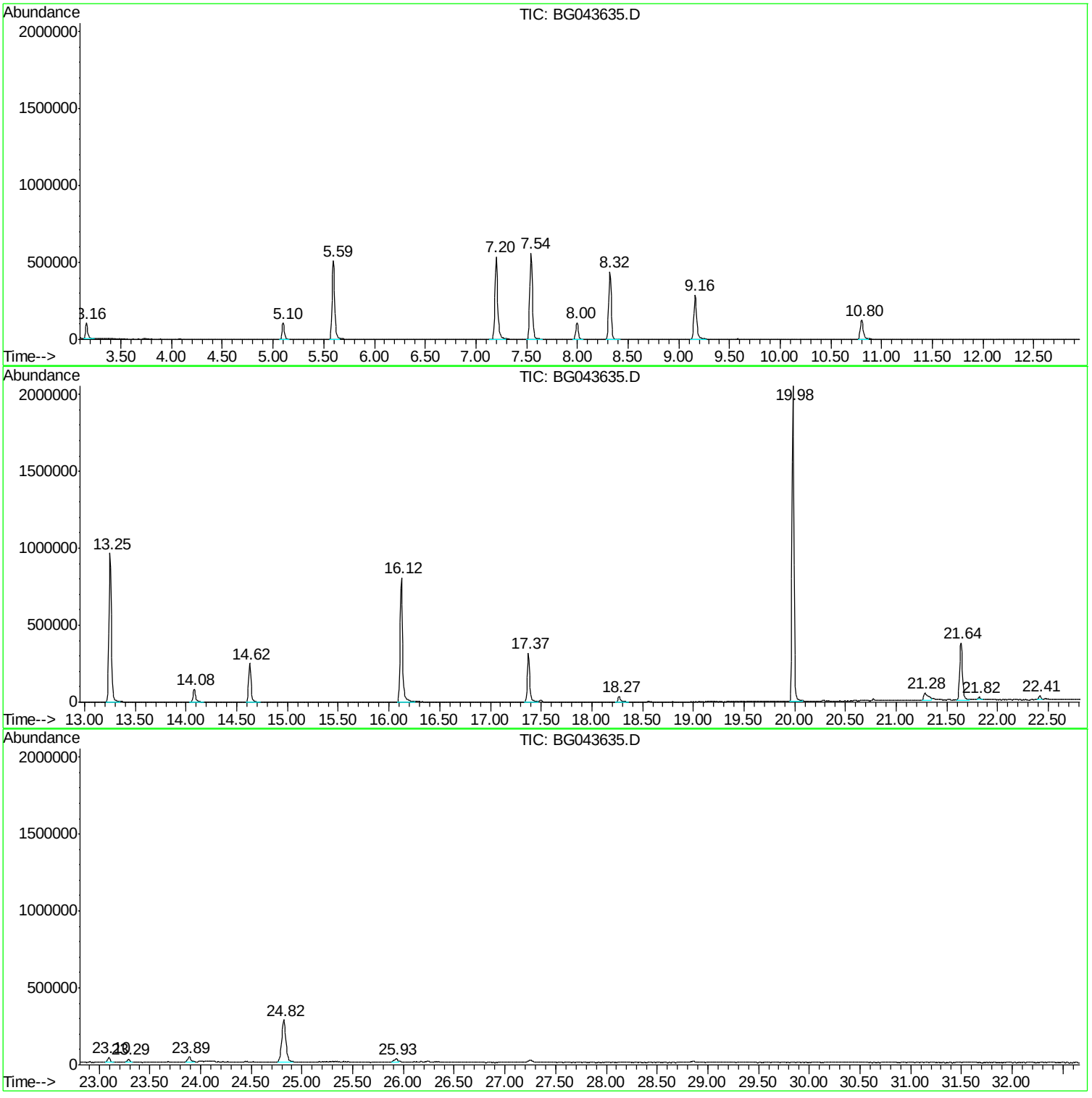
BNA_G
ClientSampleId :
TP-14B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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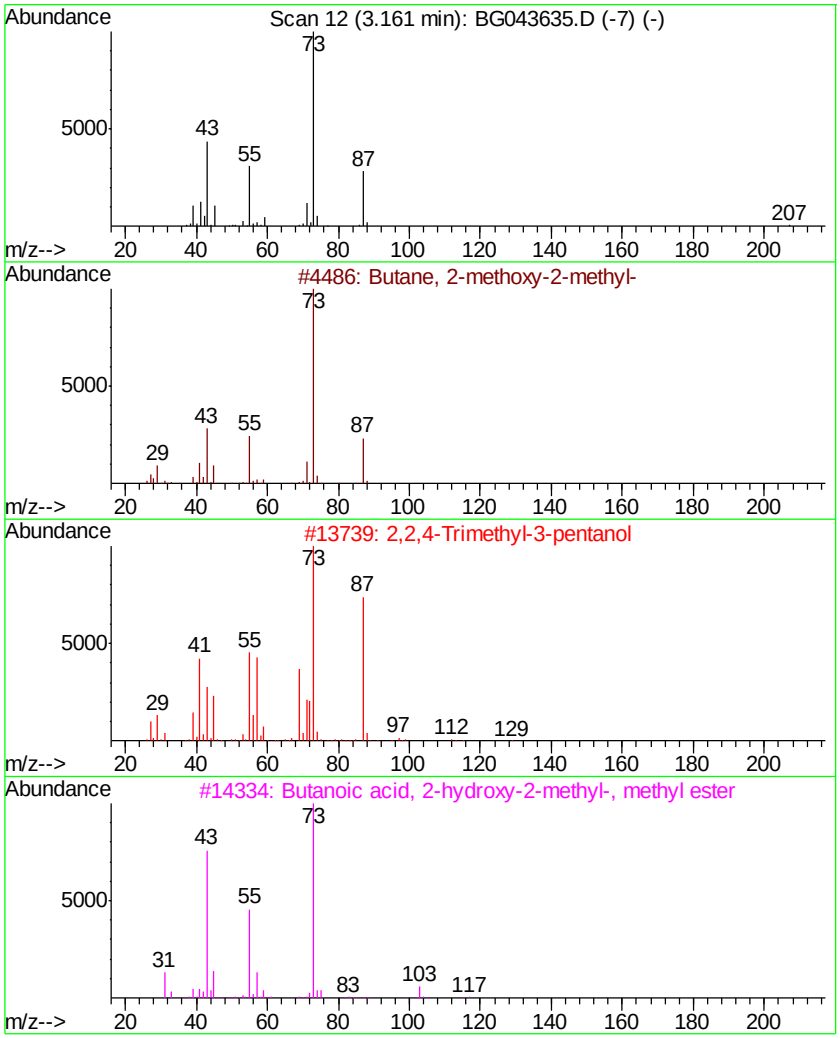
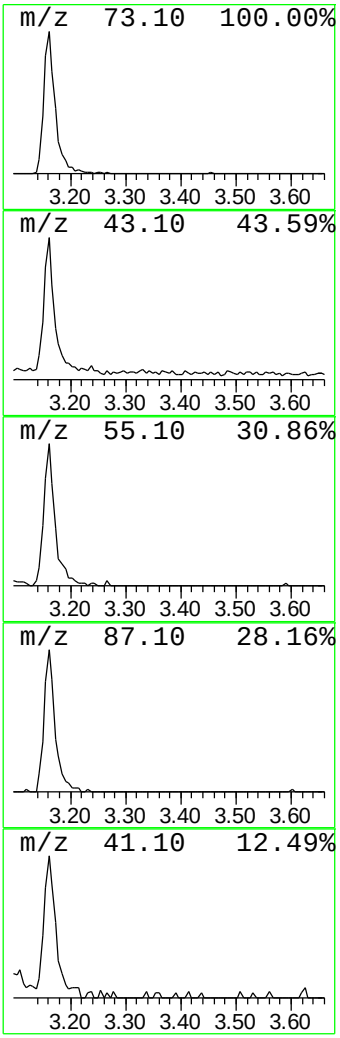
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	15.26 ng	144683	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	37
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	28
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





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Instrument : BNA_G
ClientSampleId : TP-14B-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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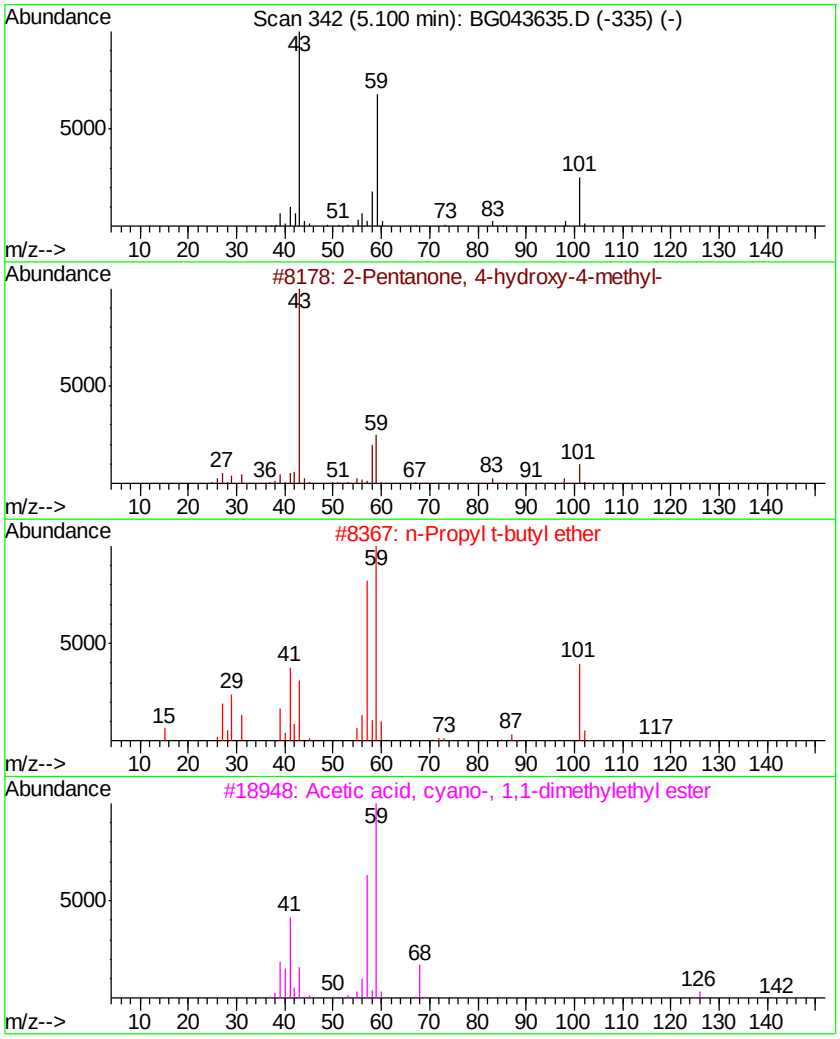
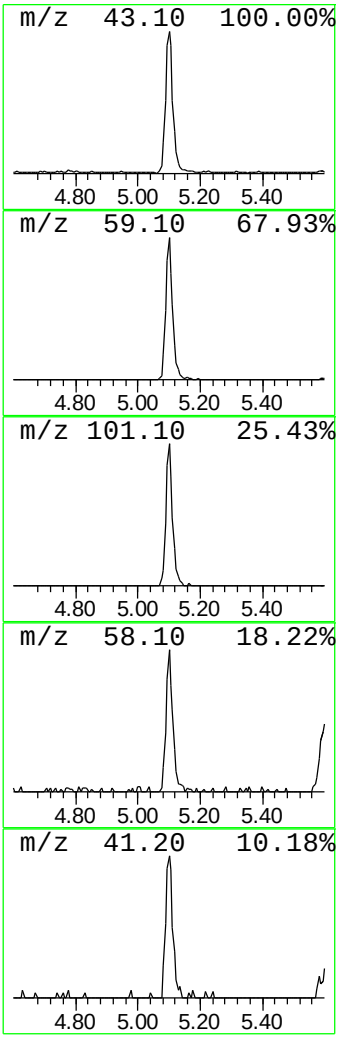
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	17.93 ng	169966	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





Library Search Compound Report

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ClientSampleId : TP-14B-S

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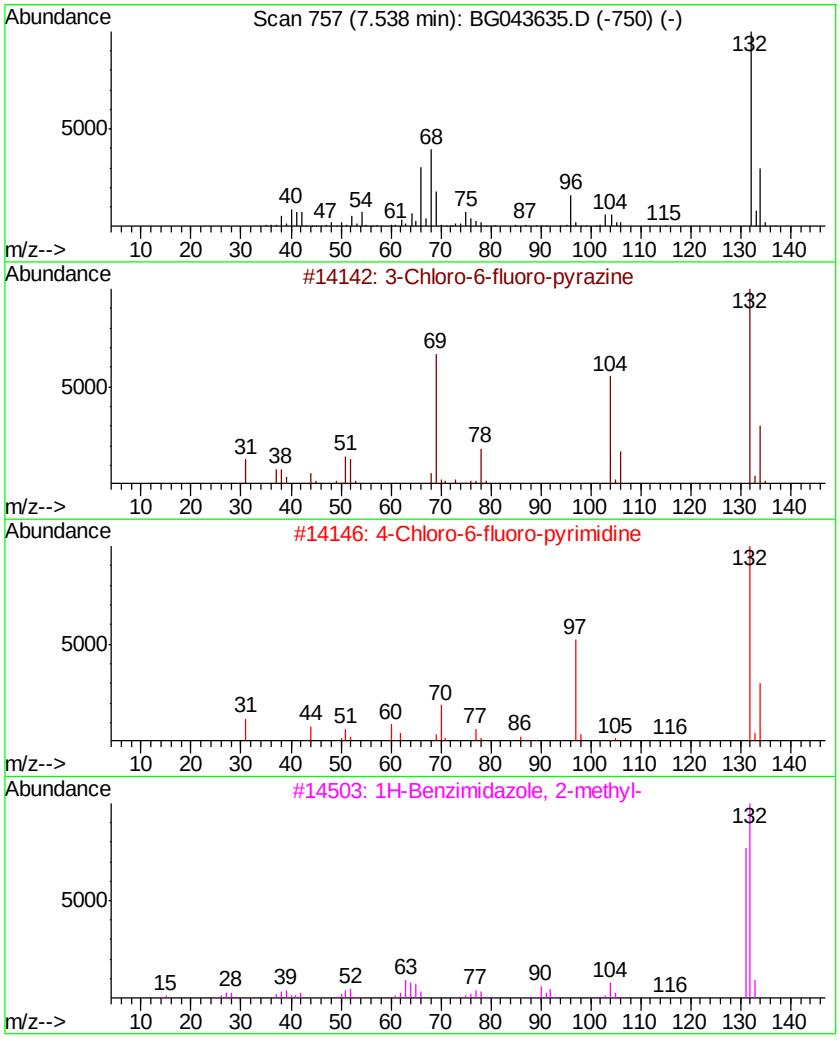
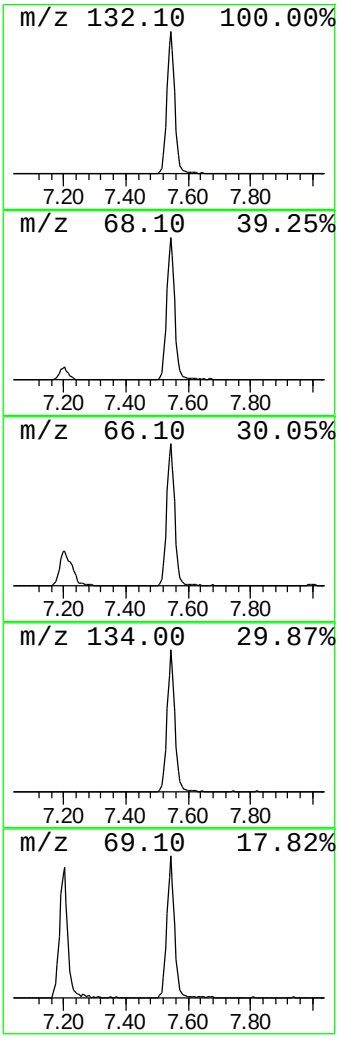
Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	106.46 ng	1009290	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	18
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : TP-14B-S

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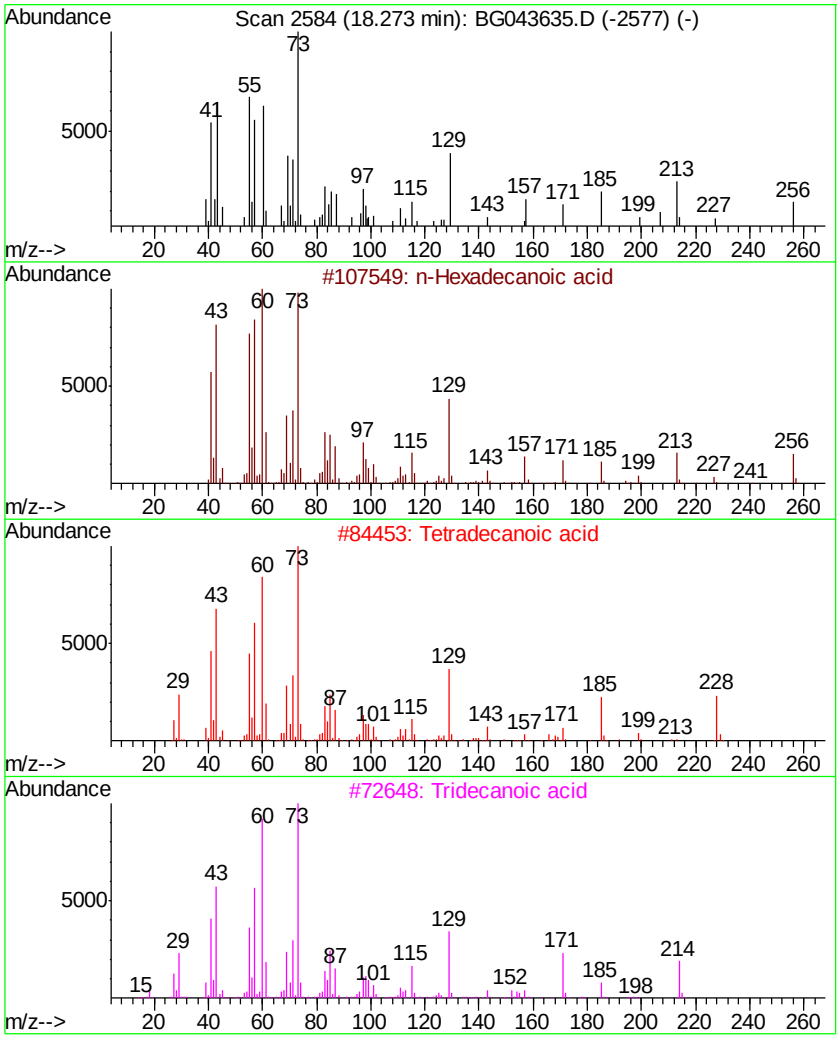
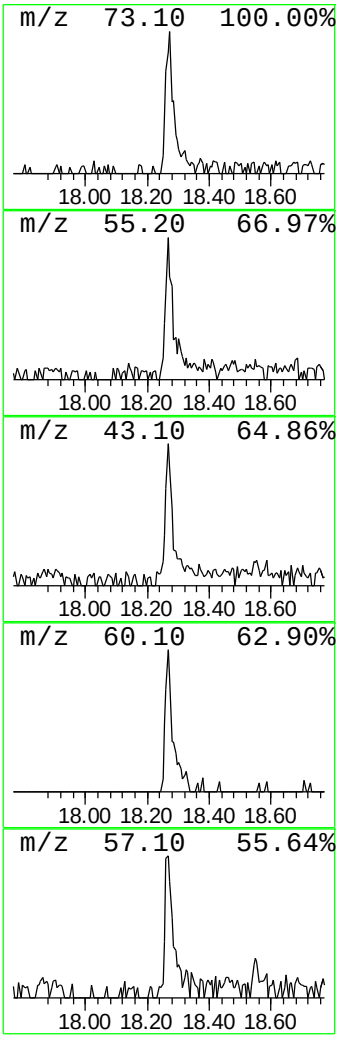
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.61 ng	71394	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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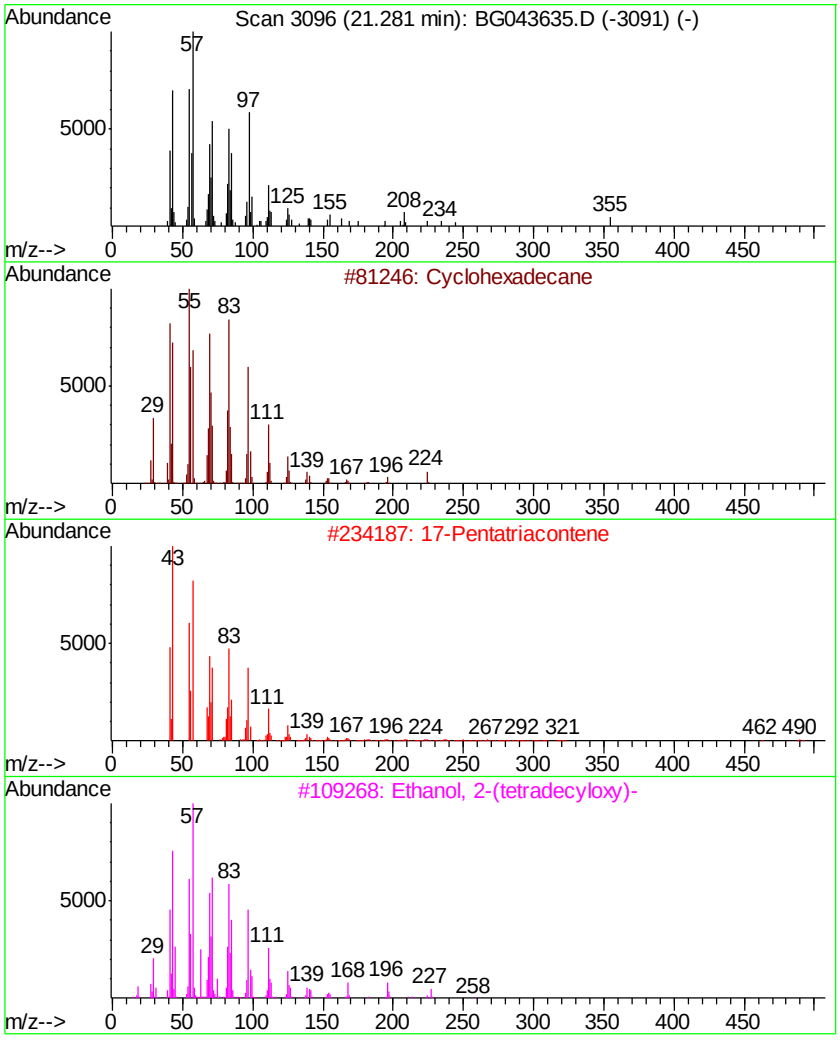
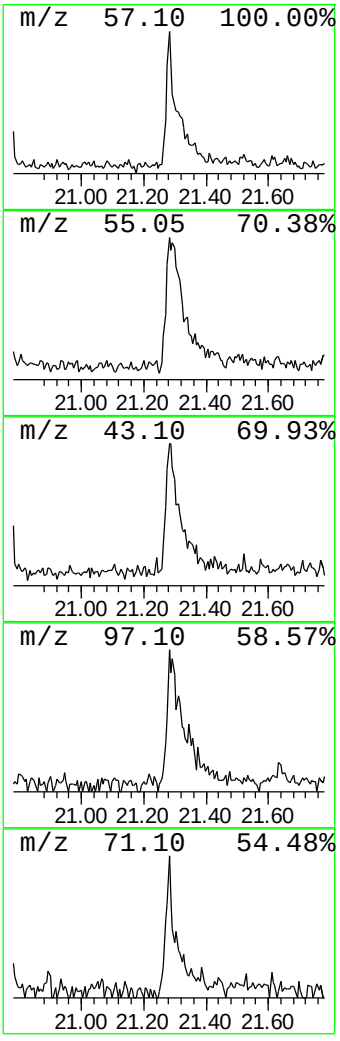
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	4.30 ng	150632	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	80
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	80





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	15.3	ng	144683	1	8.00	189613	20.0
2-Pentanone, 4-hy...	5.10	17.9	ng	169966	1	8.00	189613	20.0
unknown7.54	7.54	106.5	ng	1009290	1	8.00	189613	20.0
n-Hexadecanoic acid	18.27	2.6	ng	71394	4	17.37	546776	20.0
Cyclohexadecane	21.28	4.3	ng	150632	5	21.63	700632	20.0