LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035522.D
Acq On : 30 Jun 2018 1:55
Operator : JU/SJ
Sample : J3773-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-119-5(40-42)

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-BG060718.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	5.174	315	321	329	rVB	44262	67538	3.42%	0.622%
2	5.638	394	400	410	rBV	421255	696182	35.21%	6.411%
3	7.224	662	670	681	rBV	474114	803269	40.62%	7.397%
4	7.594	726	733	741	rBV	416956	734510	37.15%	6.764%
5	8.064	807	813	819	rBV	109996	177013	8.95%	1.630%
6	8.387	861	868	875	rBV	318119	541165	27.37%	4.983%
7	9.221	1003	1010	1019	rBV	267778	473262	23.93%	4.358%
8	10.866	1282	1290	1300	rBV	134725	244213	12.35%	2.249%
9	13.304	1698	1705	1714	rBV	737364	1155080	58.41%	10.637%
10	14.127	1840	1845	1851	rBV	78255	114116	5.77%	1.051%
11	14.685	1932	1940	1949	rBV2	249898	400595	20.26%	3.689%
12	16.165	2184	2192	2206	rBV	697857	1108036	56.04%	10.204%
13	16.376	2224	2228	2237	rBV2	14318	20748	1.05%	0.191%
14	17.422	2401	2406	2416	rBV2	381304	583807	29.52%	5.376%
15	18.303	2552	2556	2567	rBV2	56288	83607	4.23%	0.770%
16	18.726	2621	2628	2632	rBV3	18837	24230	1.23%	0.223%
17	20.030	2842	2850	2856	rBV	1552601	1977387	100.00%	18.209%
18	21.323	3062	3070	3081	rBV3	85564	151777	7.68%	1.398%
19	21.693	3126	3133	3144	rVB	418413	694171	35.11%	6.392%
20	23.367	3412	3418	3428	rVB2	70922	131640	6.66%	1.212%
21	23.978	3516	3522	3529	rBV8	8783	21785	1.10%	0.201%
22	24.918	3669	3682	3699	rBV3	218568	655048	33.13%	6.032%

Sum of corrected areas: 10859179

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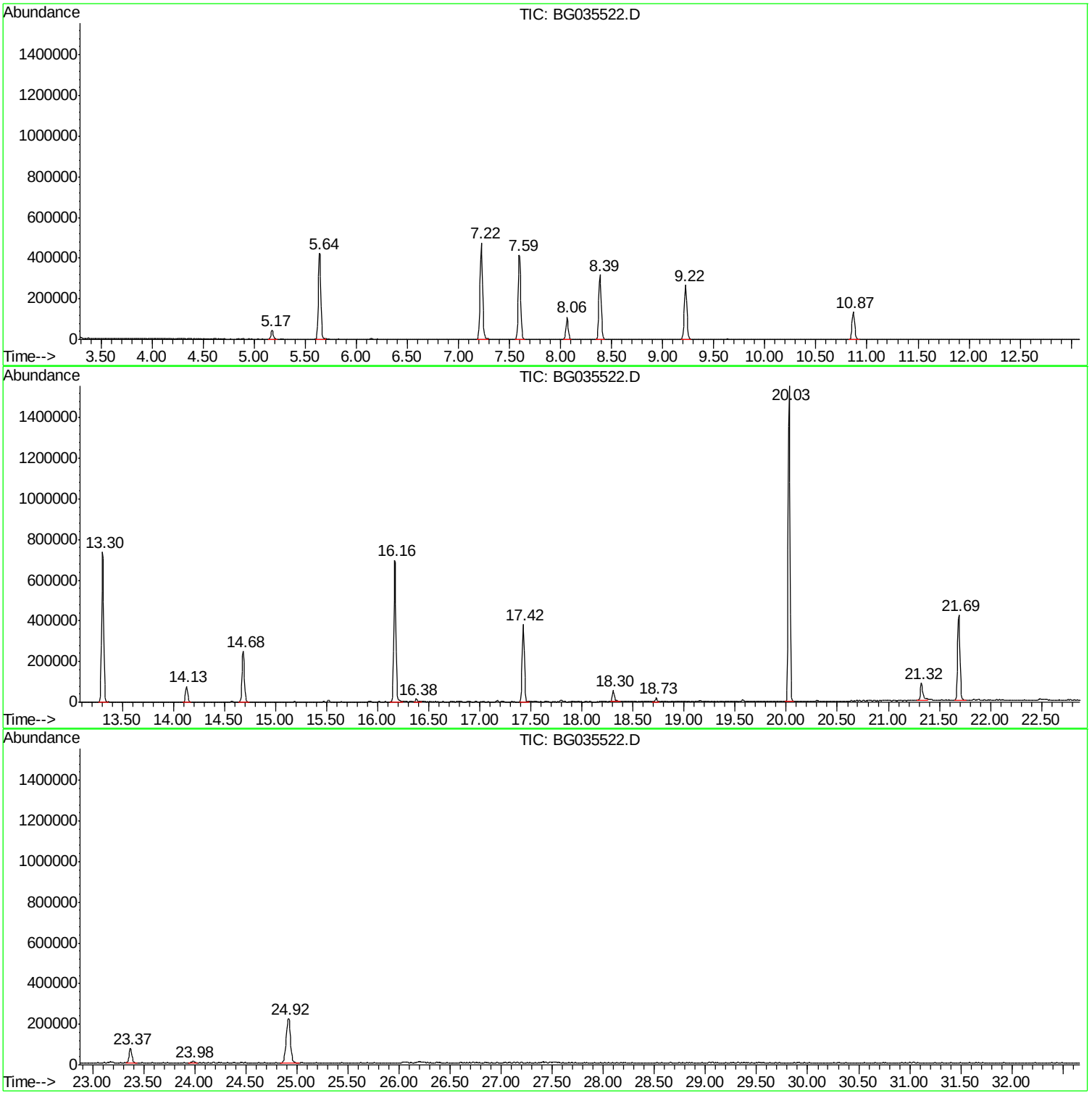
EPE-119-5(40-42)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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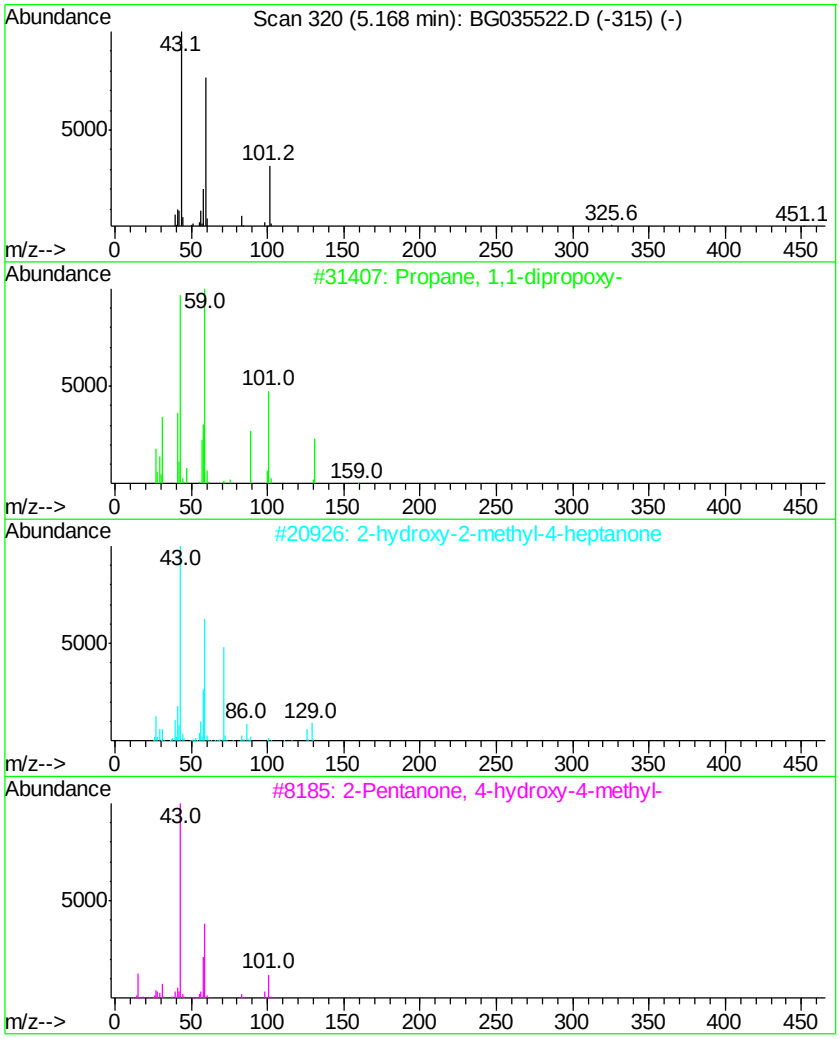
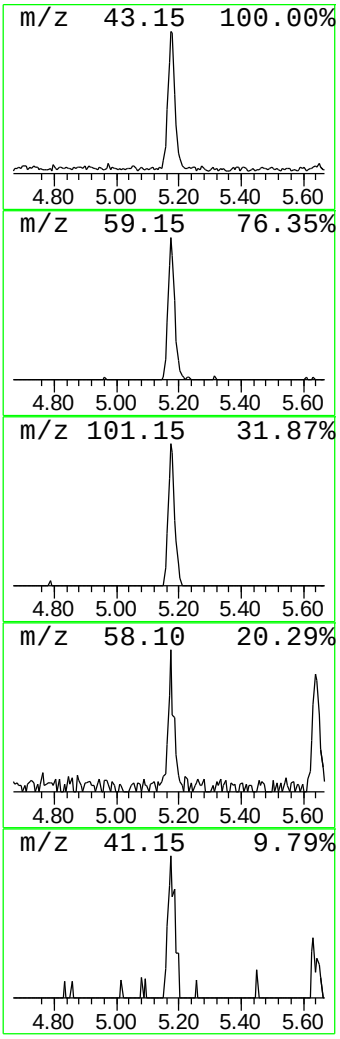
****

Peak Number 1 Propane, 1,1-dipropoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	7.63 ng	67538	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	64
2	2-hydroxy-2-methyl-4-heptanone	144	C8H16O2	054862-91-8	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Guanidine	59	CH5N3	000113-00-8	47
5	Dimethadione	129	C5H7NO3	000695-53-4	38





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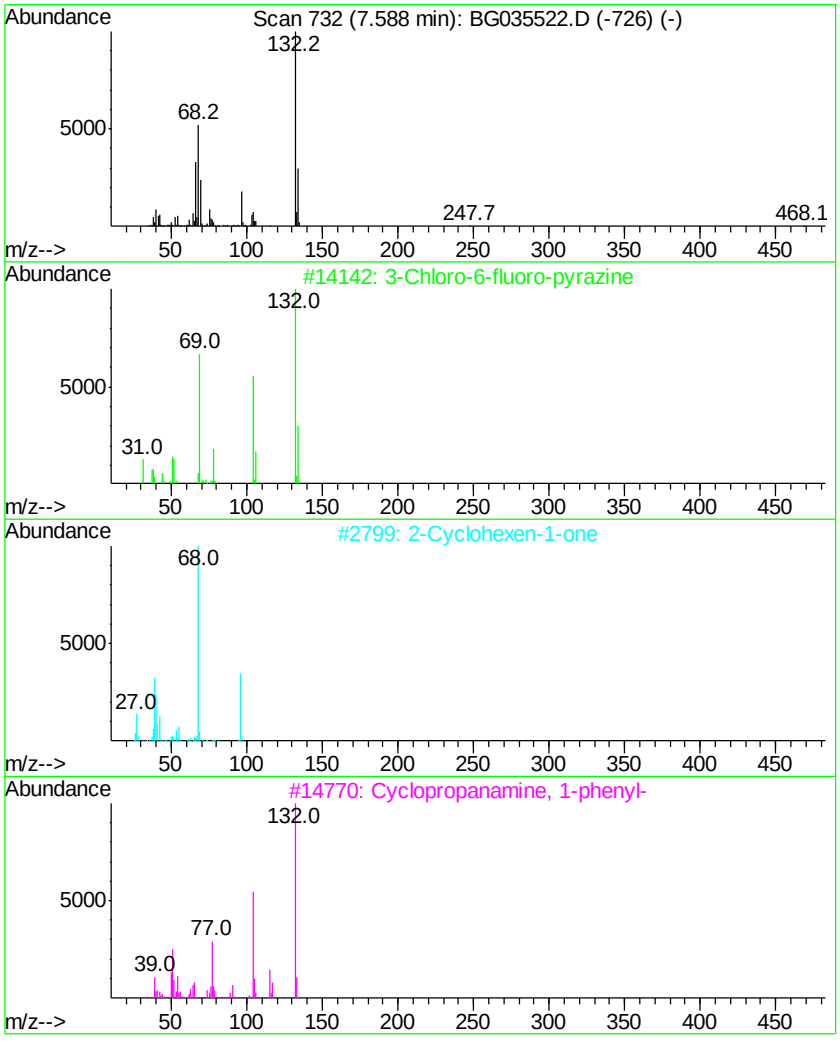
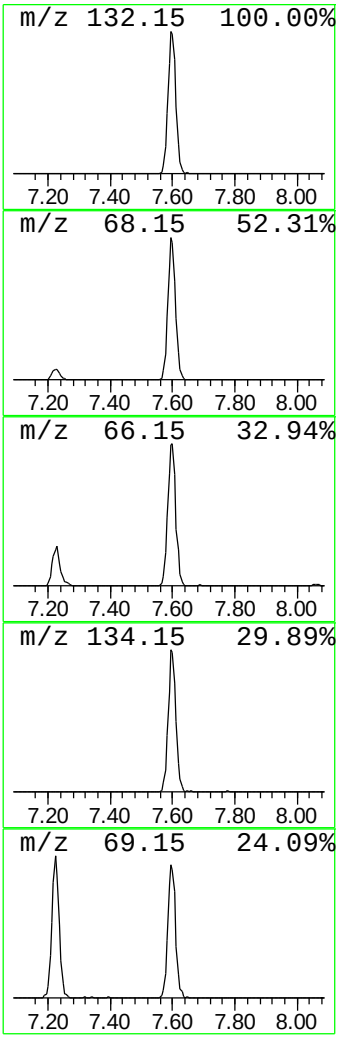
****

Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	82.99 ng	734510	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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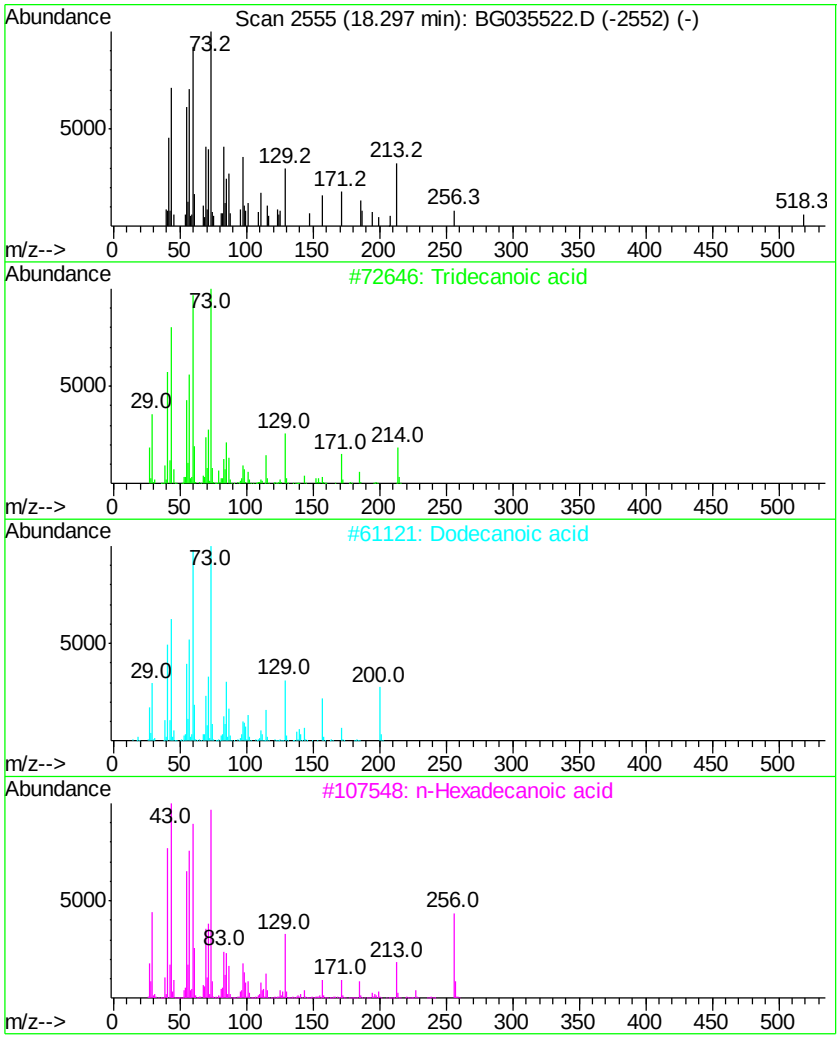
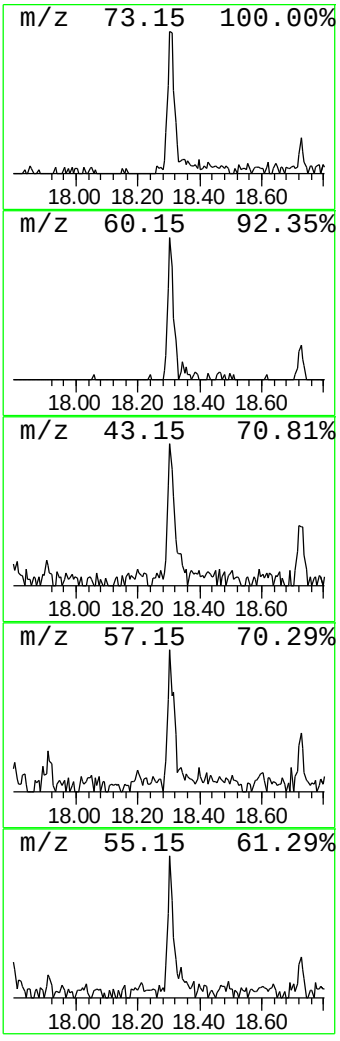
****

Peak Number 4 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.86 ng	83607	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	Dodecanoic acid	200	C12H24O2	000143-07-7	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Octadecanoic acid	284	C18H36O2	000057-11-4	43





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Instrument : BNA_G
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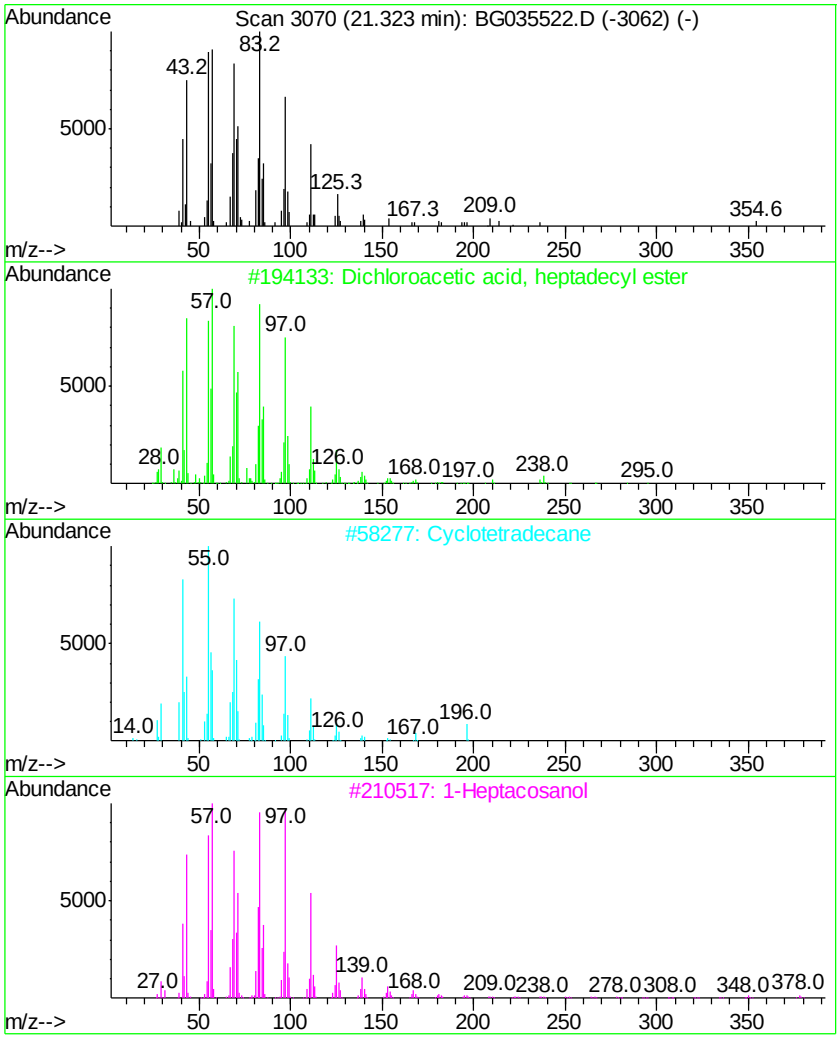
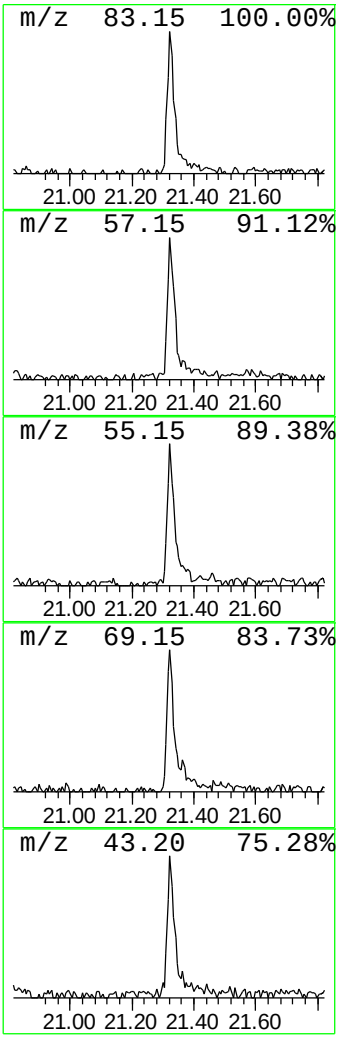
****

Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.37 ng	151777	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





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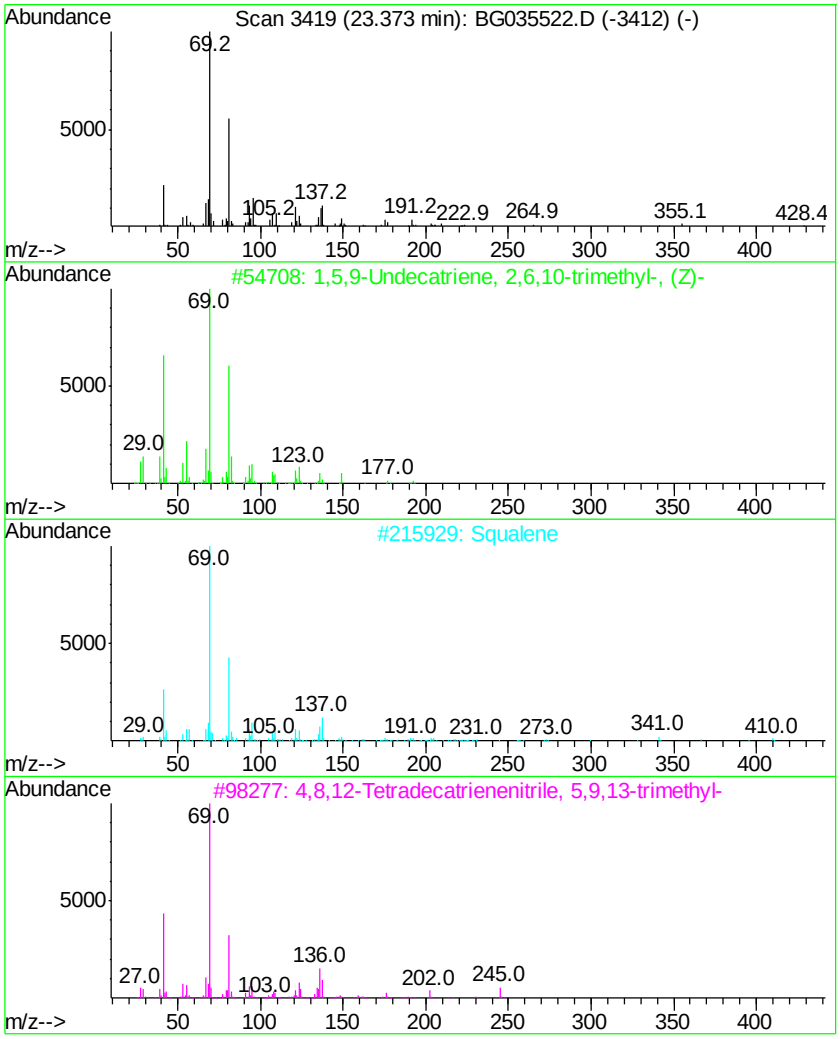
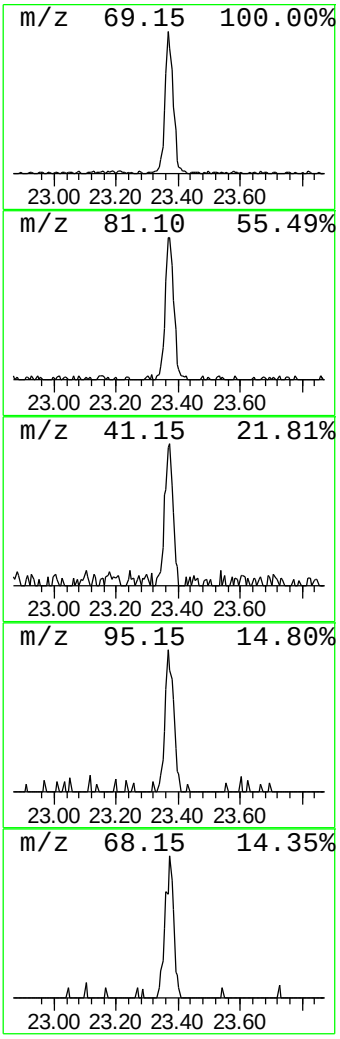
****

Peak Number 6 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	4.02 ng	131640	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
2	Squalene	410	C30H50	000111-02-4	80
3	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64
4	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50
5	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dipr...	5.17	7.6	ng	67538	1	8.06	177013	20.0
unknown7.59	7.59	83.0	ng	734510	1	8.06	177013	20.0
Tridecanoic acid	18.30	2.9	ng	83607	4	17.42	583807	20.0
Dichloroacetic ac...	21.32	4.4	ng	151777	5	21.69	694171	20.0
1,5,9-Undecatrien...	23.37	4.0	ng	131640	6	24.92	655048	20.0