LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043014.D
Acq On : 3 Oct 2019 16:32
Operator : JU
Sample : K5168-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019073-SS-COMPOSITE-13

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-BG092519.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	3.176	9	15	24	rBV2	93886	221833	5.89%	0.936%
2	3.258	24	29	39	rVB	132936	233799	6.21%	0.986%
3	5.649	429	436	448	rBV	939214	1564491	41.54%	6.600%
4	7.236	698	706	723	rBV	1020198	1881039	49.95%	7.936%
5	7.606	757	769	778	rBV	1031971	1754227	46.58%	7.401%
6	8.064	840	847	855	rBV	252350	446710	11.86%	1.885%
7	8.393	894	903	913	rBV	736546	1285771	34.14%	5.424%
8	9.227	1036	1045	1057	rBV	582366	1081680	28.72%	4.563%
9	10.873	1317	1325	1333	rBV	326610	608886	16.17%	2.569%
10	13.311	1733	1740	1751	rBV	1535302	2424257	64.37%	10.227%
11	14.133	1874	1880	1893	rBV	205159	301354	8.00%	1.271%
12	14.686	1965	1974	1983	rBV2	569060	917206	24.35%	3.869%
13	16.172	2219	2227	2248	rBV	1440350	2334521	61.99%	9.849%
14	17.430	2434	2441	2446	rBV2	706317	1133771	30.10%	4.783%
15	17.471	2446	2448	2456	rVV	49142	66835	1.77%	0.282%
16	17.547	2456	2461	2469	rVB4	30562	62329	1.66%	0.263%
17	18.311	2586	2591	2595	rBV3	85261	122246	3.25%	0.516%
18	19.474	2783	2789	2795	rBV	106953	162323	4.31%	0.685%
19	19.838	2841	2851	2856	rBV	103877	187030	4.97%	0.789%
20	20.032	2878	2884	2895	rBV	2722267	3766066	100.00%	15.888%
21	21.348	3104	3108	3117	rBV5	84240	239513	6.36%	1.010%
22	21.695	3160	3167	3173	rBV	817287	1391255	36.94%	5.869%
23	23.205	3420	3424	3431	rVB5	25450	46822	1.24%	0.198%
24	24.010	3557	3561	3567	rVB6	29369	50998	1.35%	0.215%
25	24.921	3706	3716	3731	rVB2	480038	1418925	37.68%	5.986%

Sum of corrected areas: 23703887

LSC Report - Integrated Chromatogram

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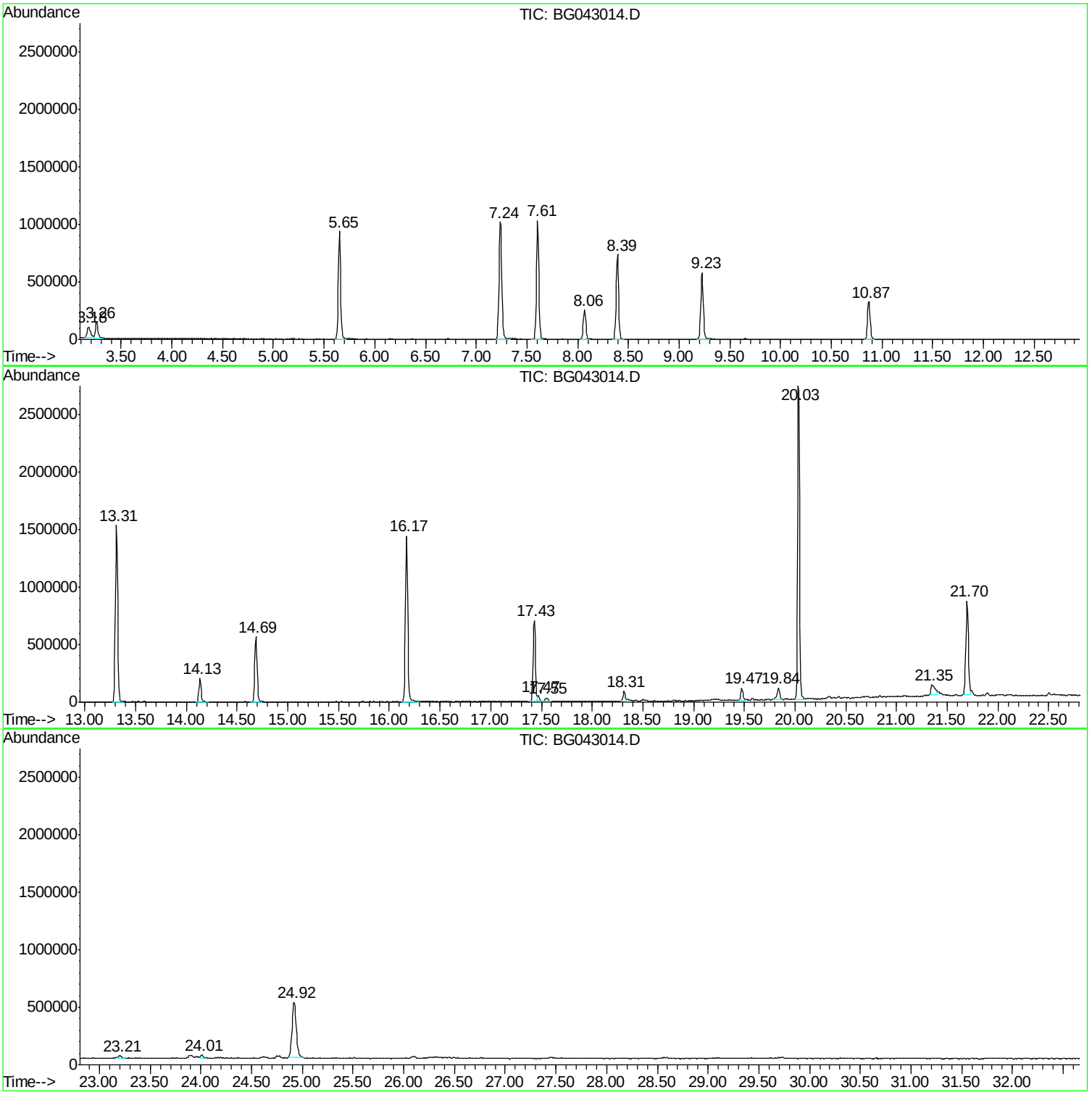
Instrument : BNA_G
ClientSampleId : 2019073-SS-COMPOSITE-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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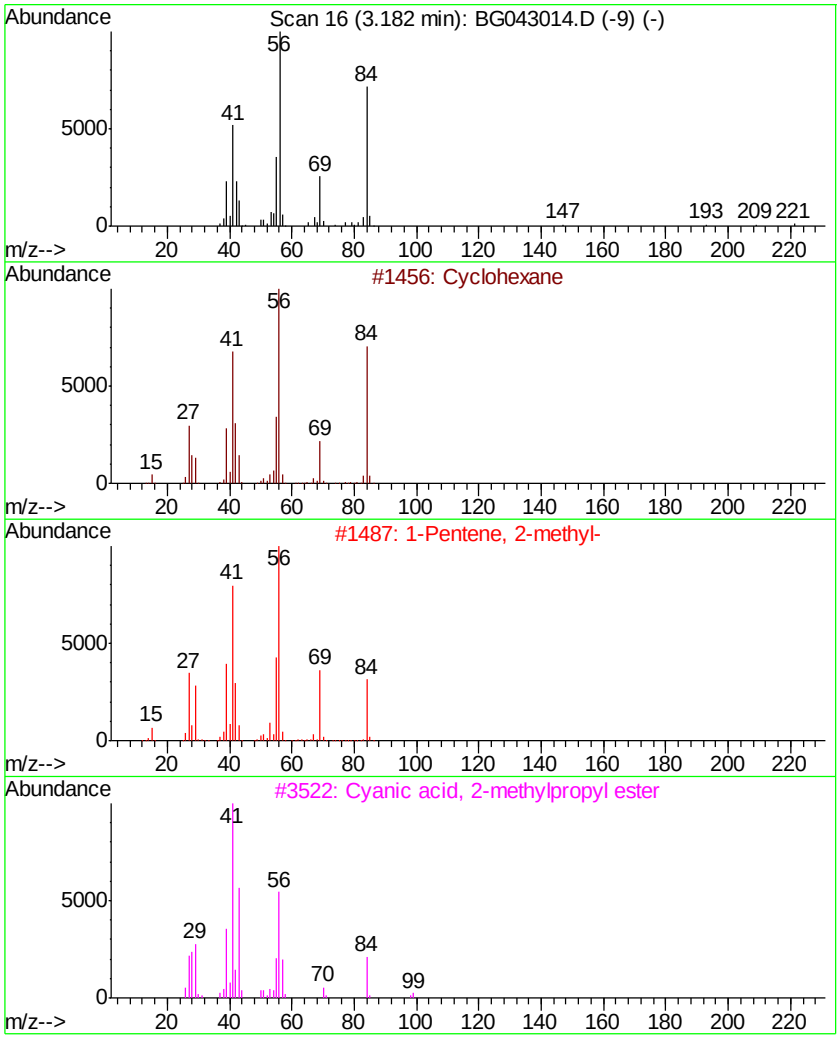
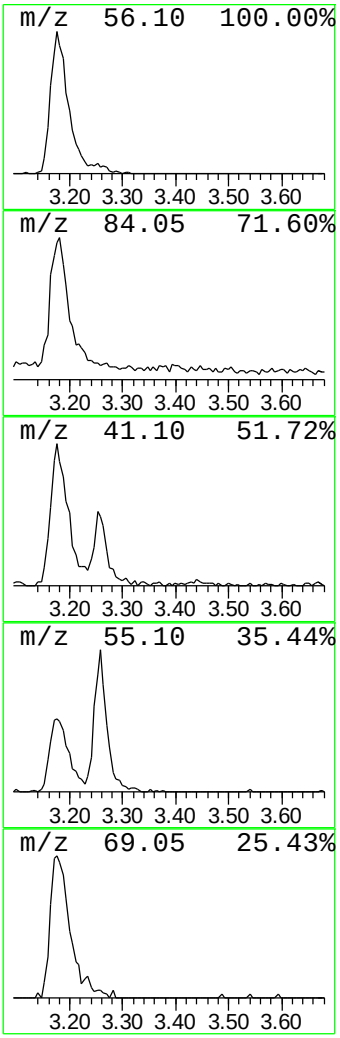
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	9.93 ng	221833	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5	1-Hexene	84	C6H12	000592-41-6	53





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Instrument : BNA_G
ClientSampleId : 2019073-SS-COMPOSITE-13

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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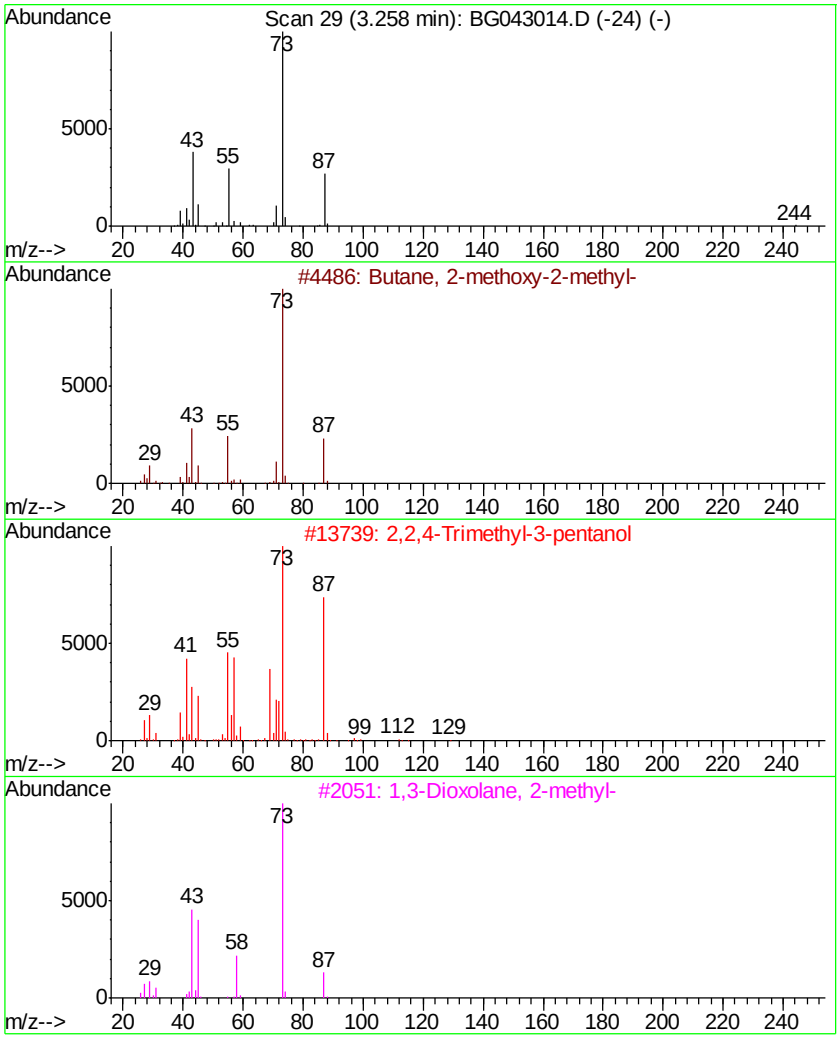
TIC Integration Parameters: LSCINT.P

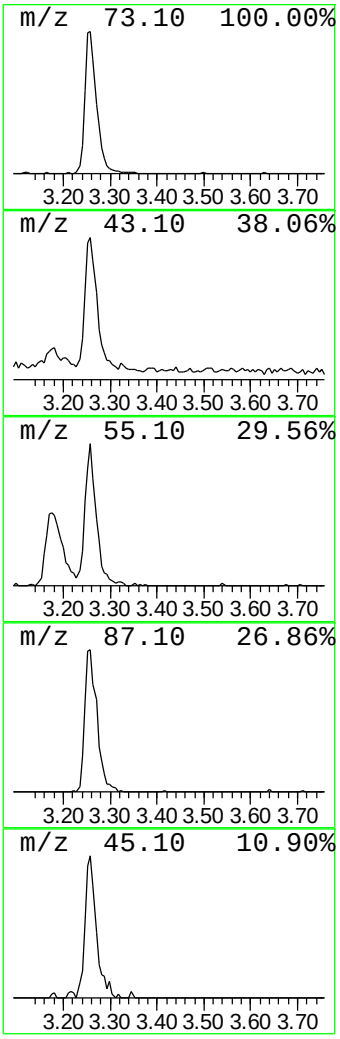
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	10.47 ng	233799	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId : 2019073-SS-COMPOSITE-13

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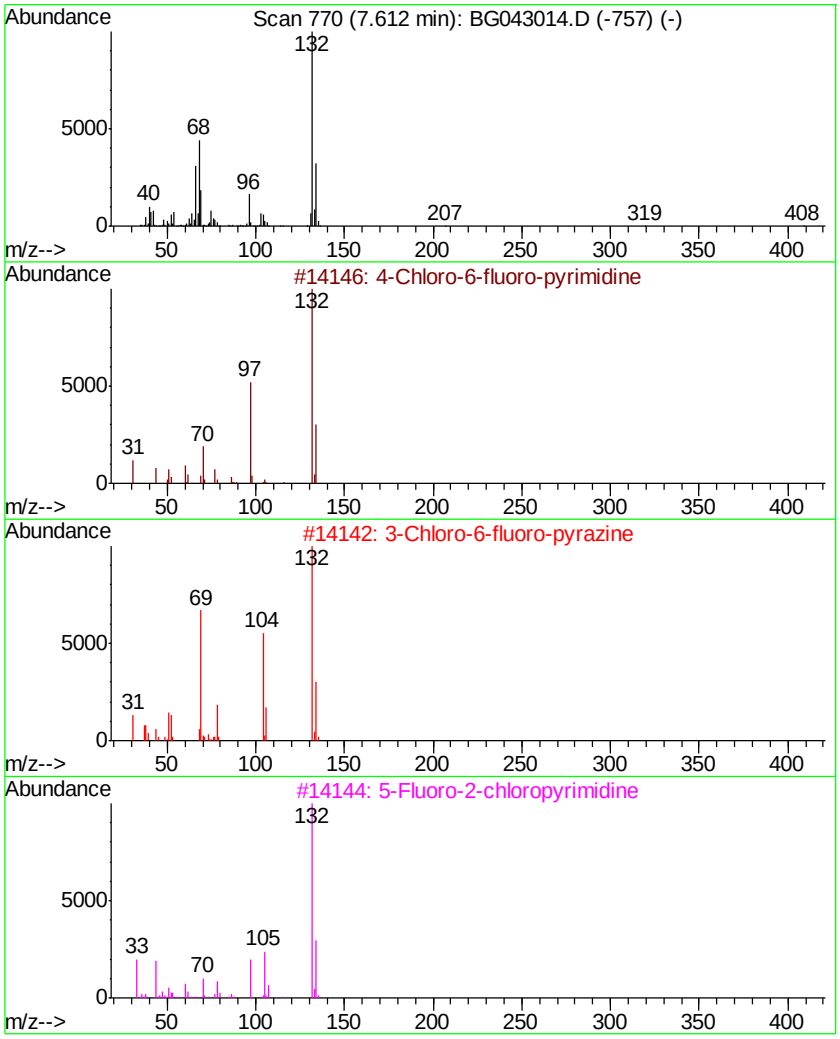
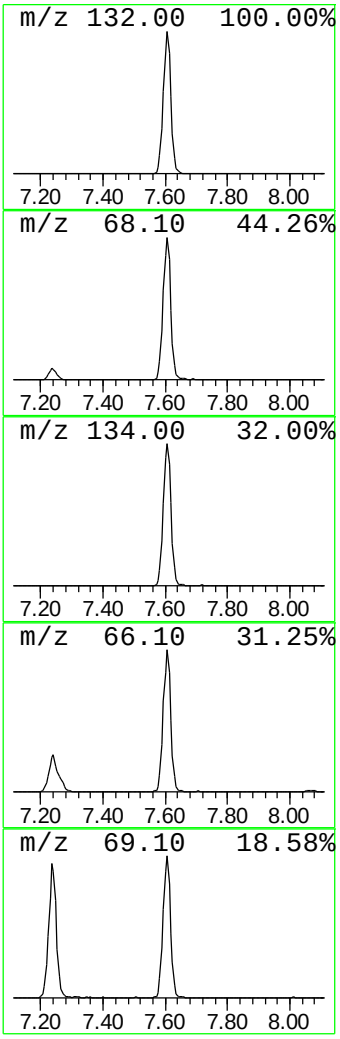
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	78.54 ng	1754230	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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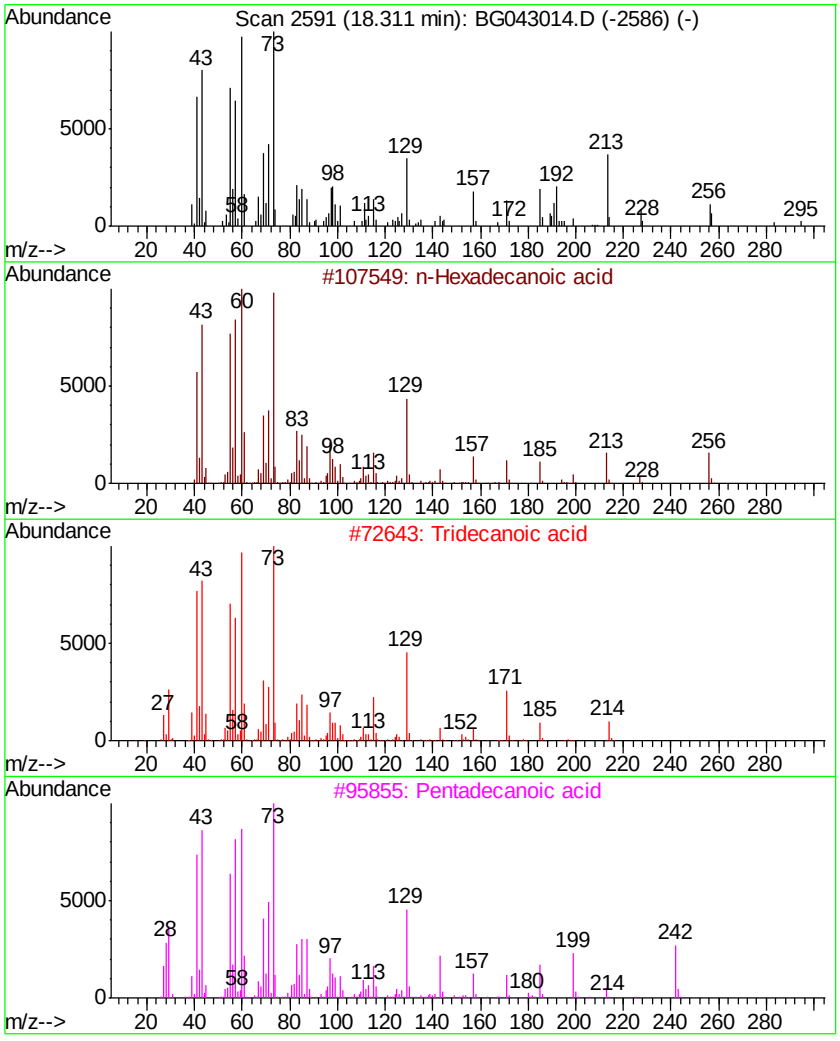
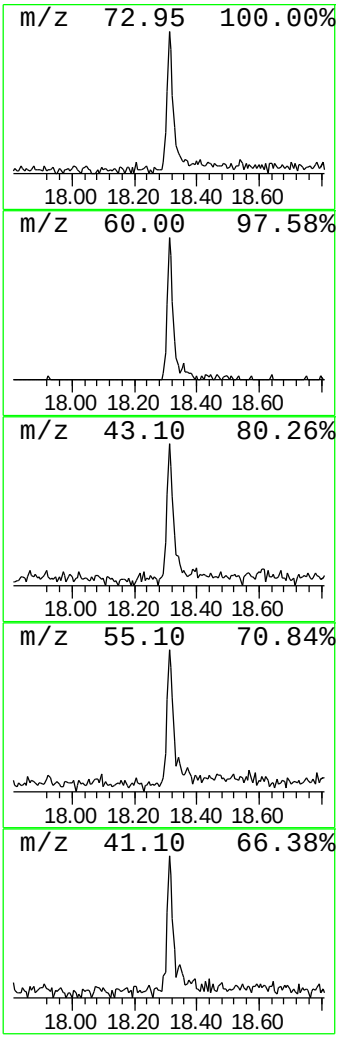
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.16 ng	122246	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Nonanoic acid	158	C9H18O2	000112-05-0	45





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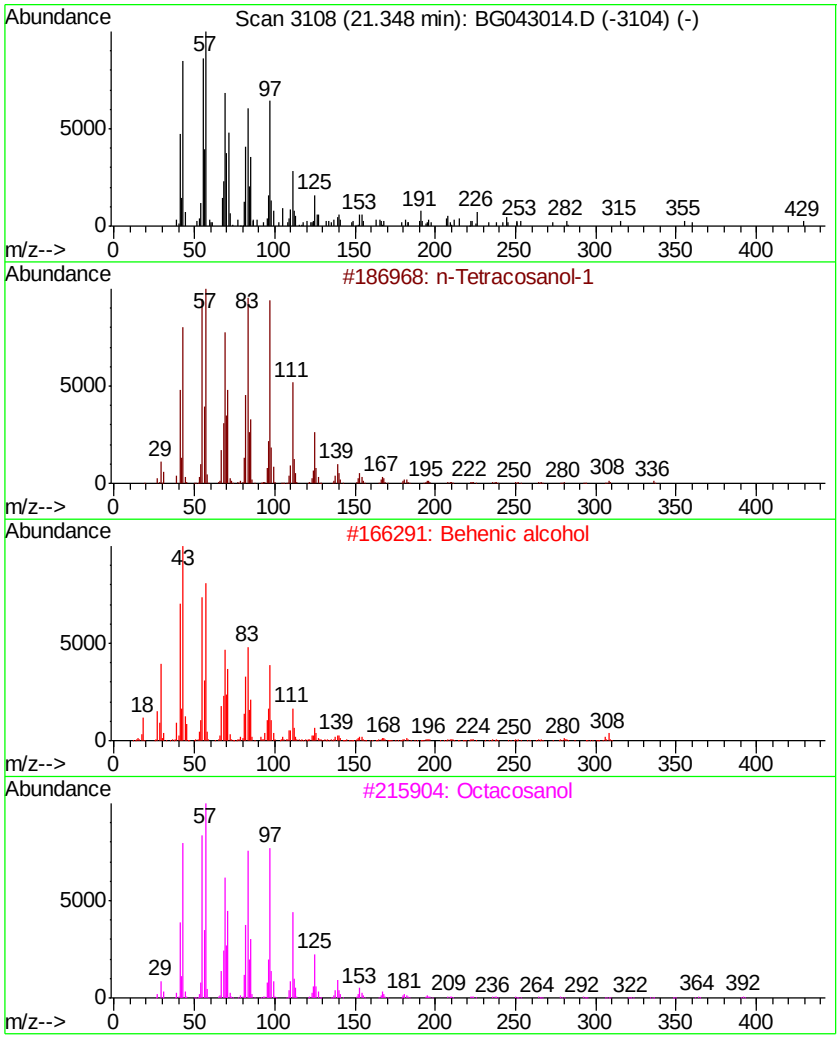
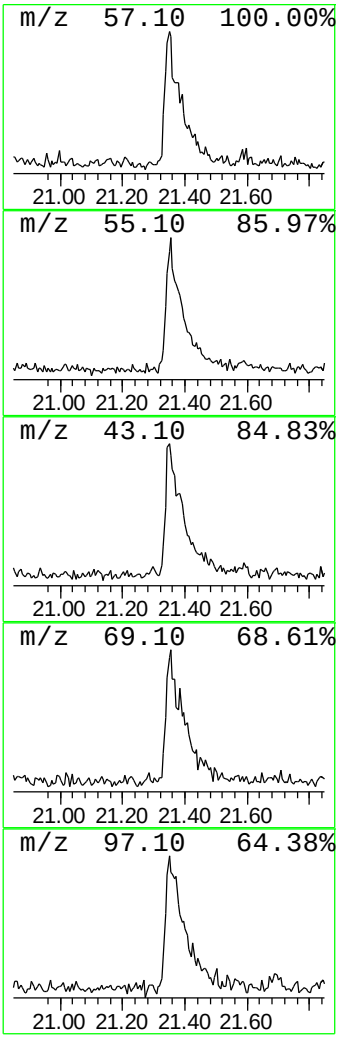
****

Peak Number 6 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.44 ng	239513	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.18	9.9	ng	221833	1	8.06	446710	20.0
Butane, 2-methoxy...	3.26	10.5	ng	233799	1	8.06	446710	20.0
unknown7.61	7.61	78.5	ng	1754230	1	8.06	446710	20.0
n-Hexadecanoic acid	18.31	2.2	ng	122246	4	17.43	1133770	20.0
n-Tetracosanol-1	21.35	3.4	ng	239513	5	21.70	1391260	20.0