LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043023.D
Acq On : 4 Oct 2019 3:44
Operator : JU
Sample : K5181-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-3-ABCD

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	3.175	9	15	24	rBV2	81169	212511	3.59%	0.672%
2	3.257	24	29	38	rVB	116174	205697	3.47%	0.651%
3	5.654	429	437	455	rBV	1449288	2359300	39.83%	7.464%
4	7.241	696	707	721	rBV	1514286	2794615	47.18%	8.841%
5	7.605	760	769	780	rBV	1484385	2631616	44.43%	8.325%
6	8.069	841	848	855	rBV	253996	442279	7.47%	1.399%
7	8.392	894	903	912	rBV	1145081	2010796	33.95%	6.361%
8	9.227	1037	1045	1055	rBV	896602	1678928	28.35%	5.311%
9	10.872	1317	1325	1336	rBV	313277	569489	9.62%	1.802%
10	13.310	1733	1740	1759	rBV	2358400	3857351	65.13%	12.203%
11	14.133	1873	1880	1890	rBV	230733	357738	6.04%	1.132%
12	14.685	1966	1974	1987	rVB	549871	856592	14.46%	2.710%
13	16.171	2219	2227	2244	rBV	2277307	3446123	58.18%	10.902%
14	17.429	2434	2441	2448	rBV2	694969	1061835	17.93%	3.359%
15	17.546	2454	2461	2467	rVB4	36963	59954	1.01%	0.190%
16	18.316	2586	2592	2601	rBV	150773	223840	3.78%	0.708%
17	20.038	2878	2885	2895	rBV	4485533	5922736	100.00%	18.736%
18	21.354	3104	3109	3123	rBV5	83078	308020	5.20%	0.974%
19	21.694	3161	3167	3178	rVB	732365	1224579	20.68%	3.874%
20	24.003	3555	3560	3566	rVB3	35053	61010	1.03%	0.193%
21	24.920	3705	3716	3730	rBV2	436136	1325758	22.38%	4.194%

Sum of corrected areas: 31610767

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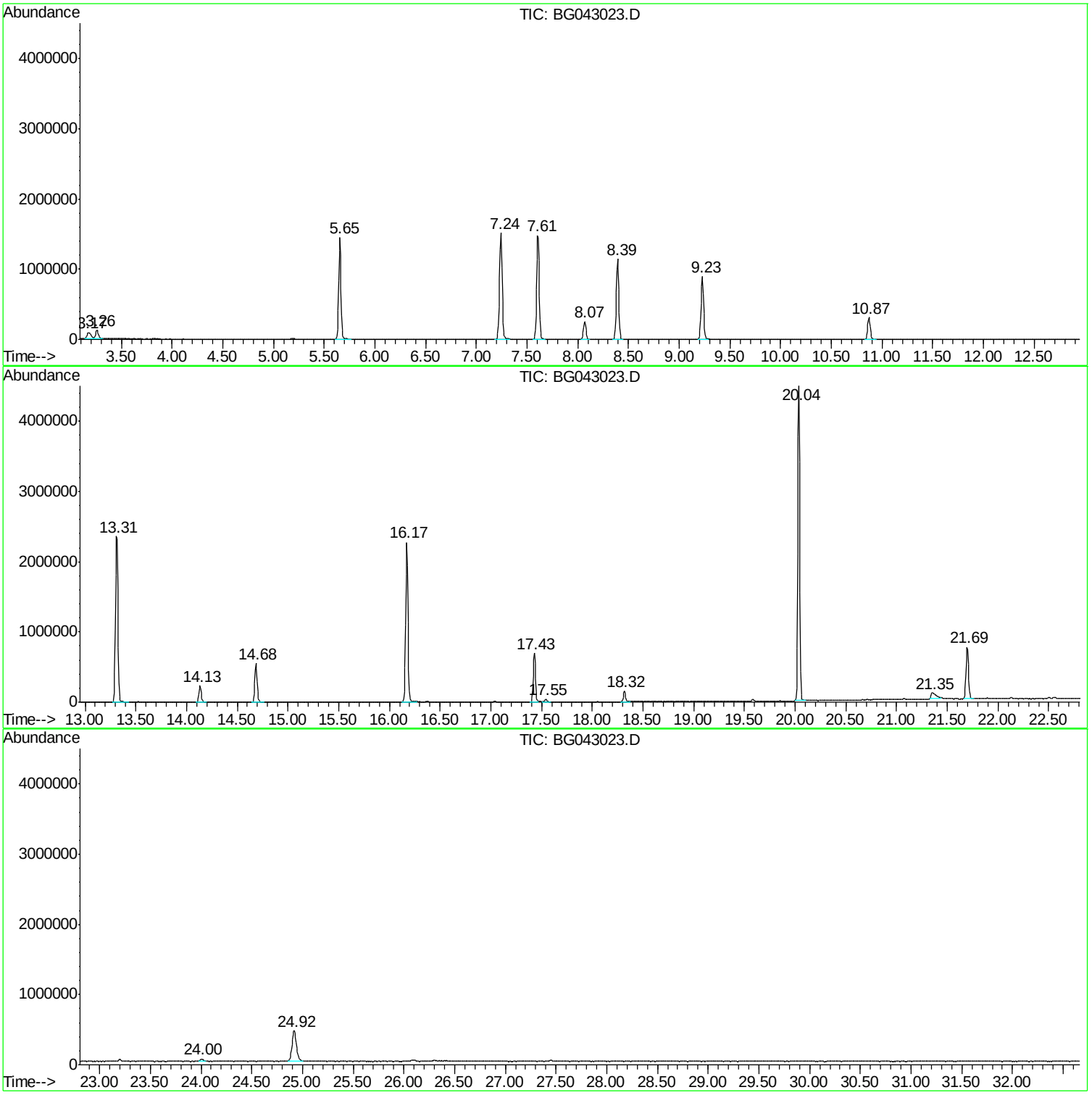
ClientSampleId :
SOUTH-AVENUE-3-ABCD

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



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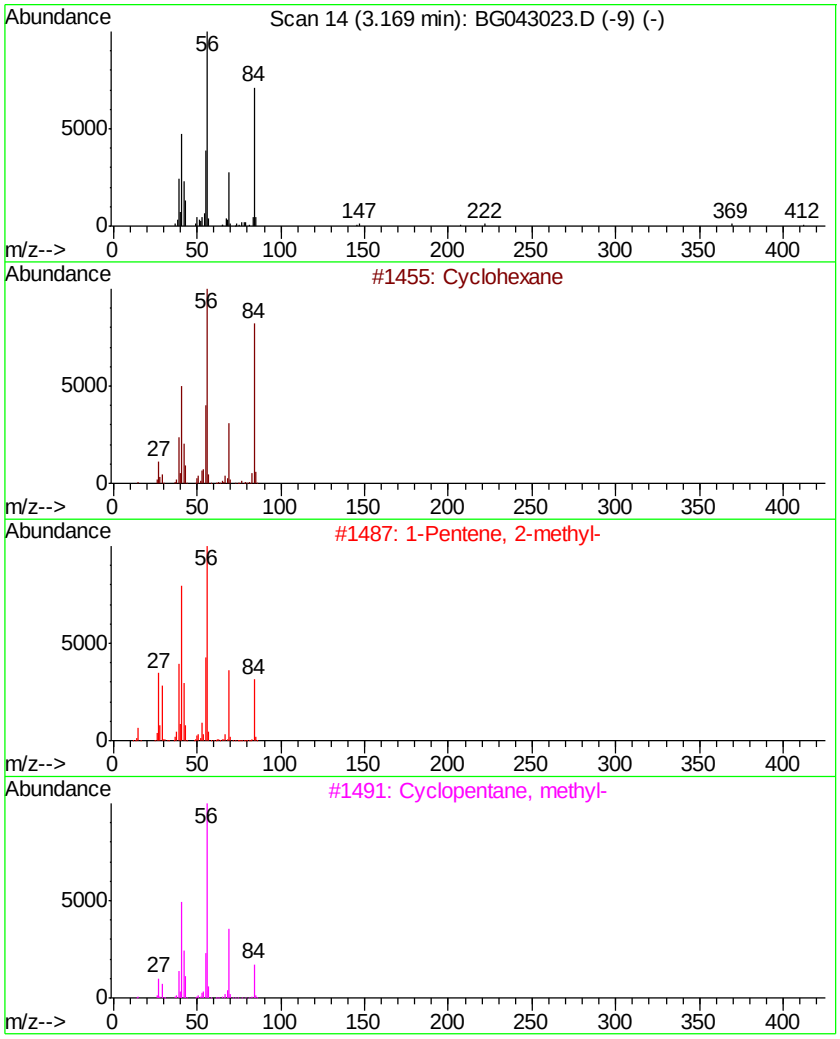
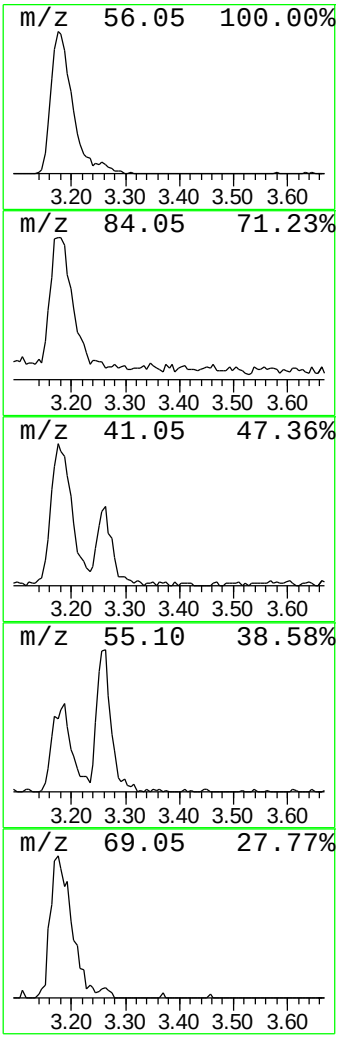
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	9.61 ng	212511	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	38





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ClientSampleId : SOUTH-AVENUE-3-ABCD

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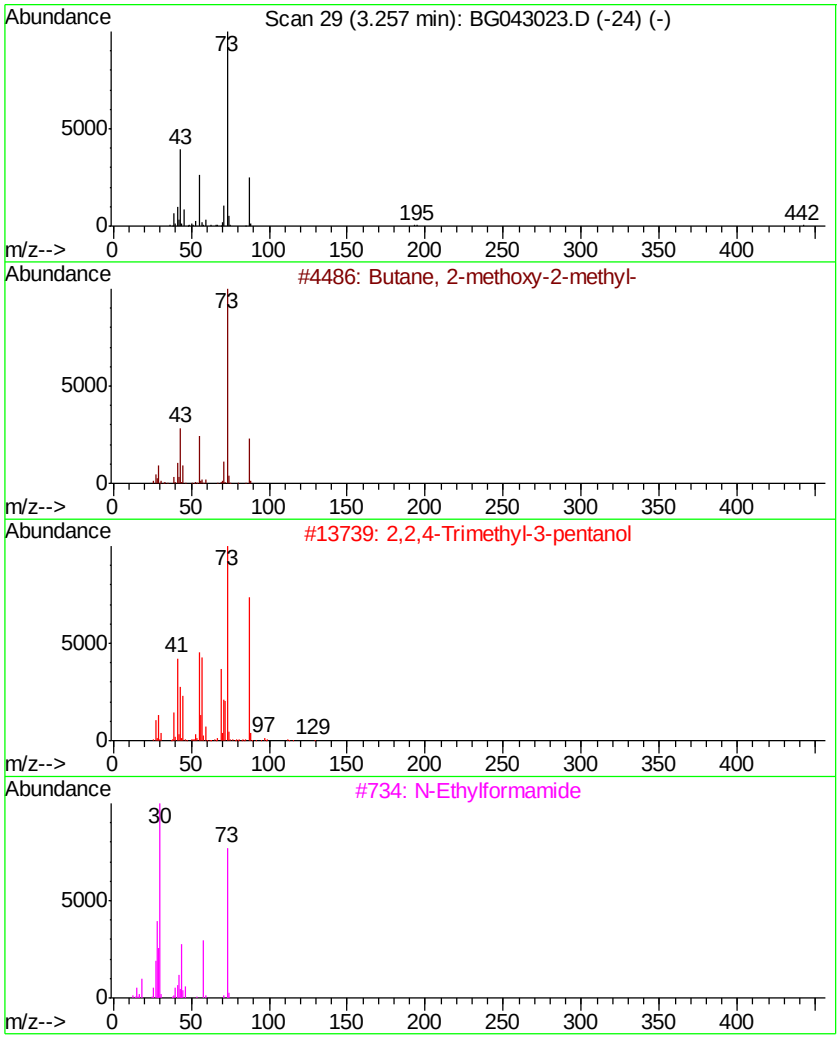
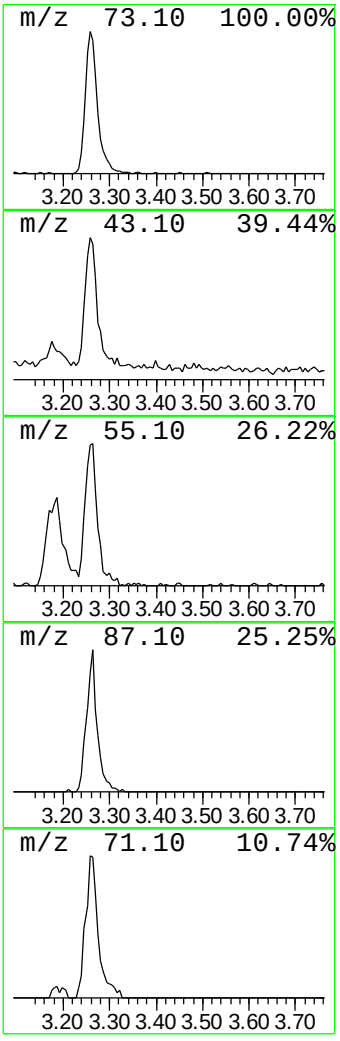
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	9.30 ng	205697	1,4-Dichlorobenzene-d4	8.07

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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-3-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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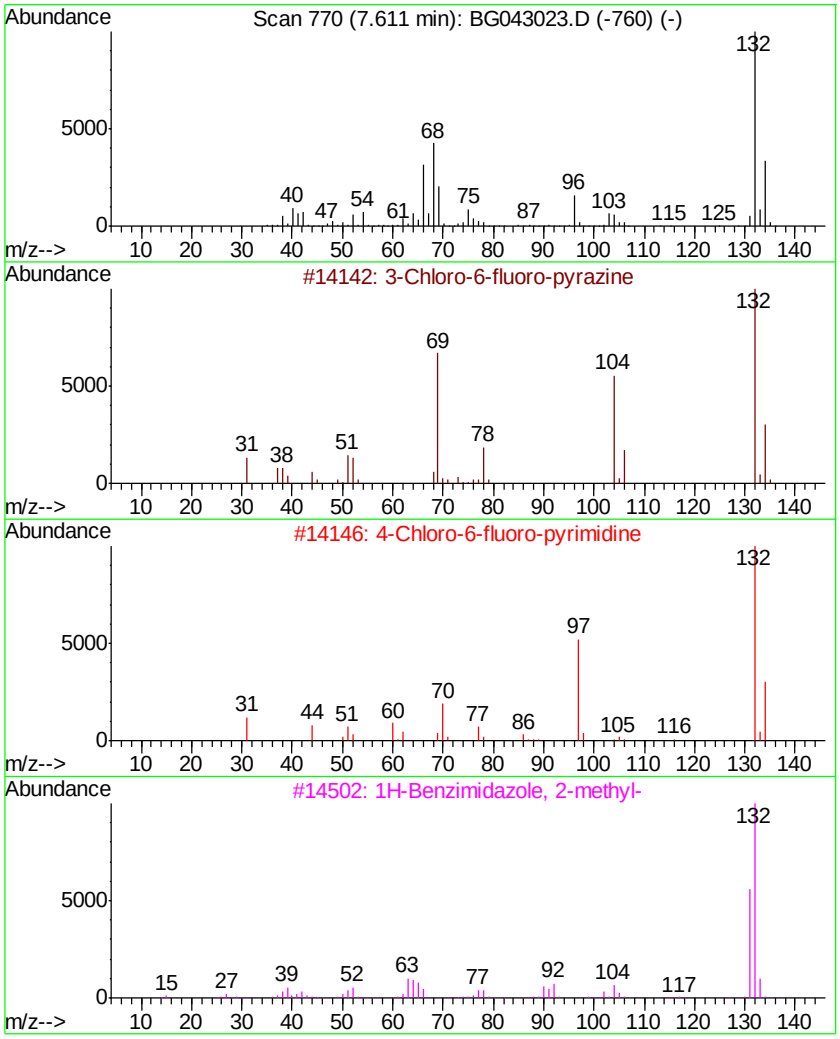
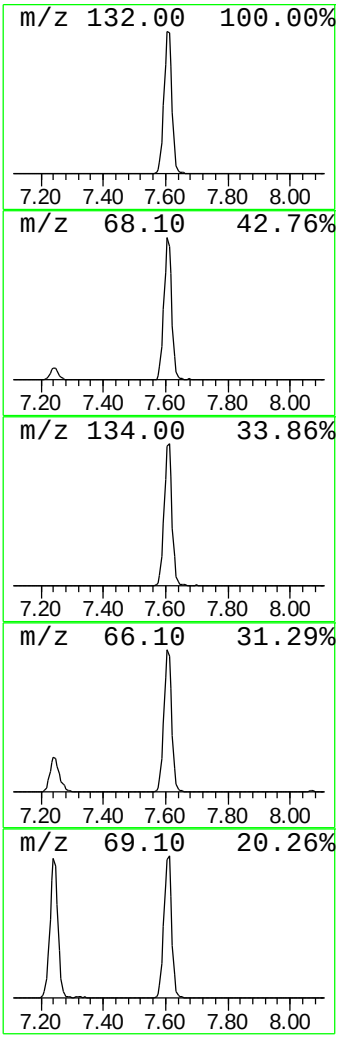
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	119.00 ng	2631620	1,4-Dichlorobenzene-d4	8.07

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	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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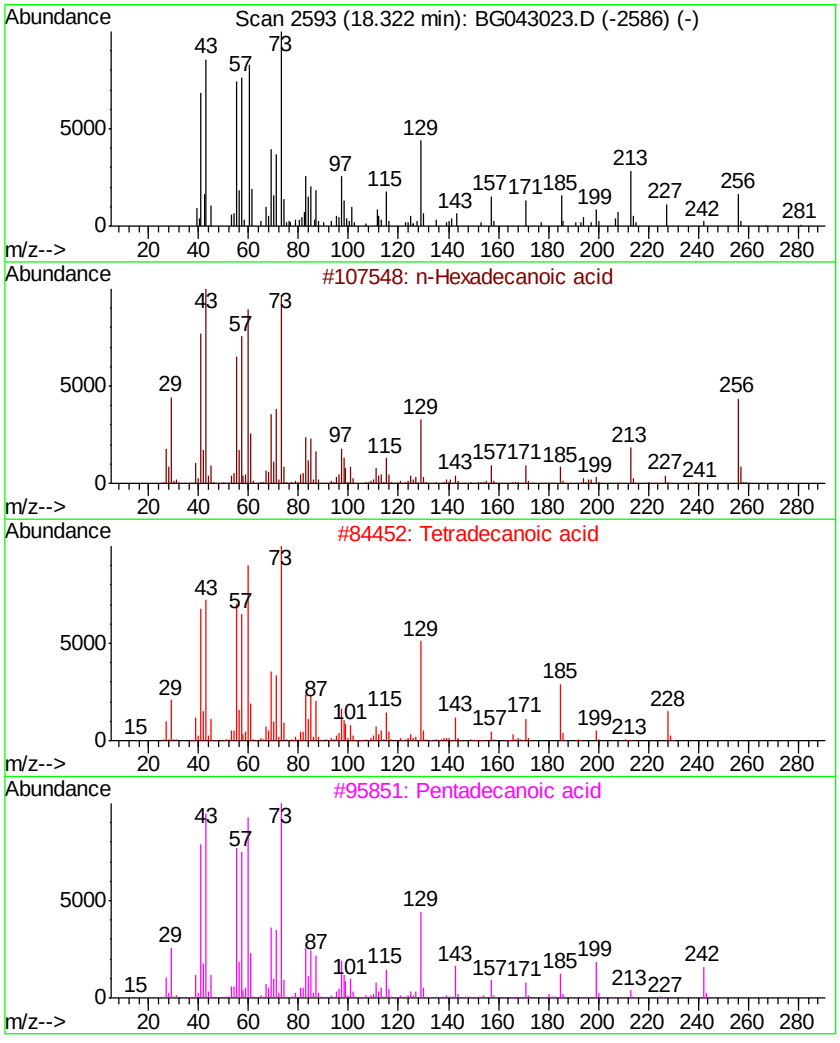
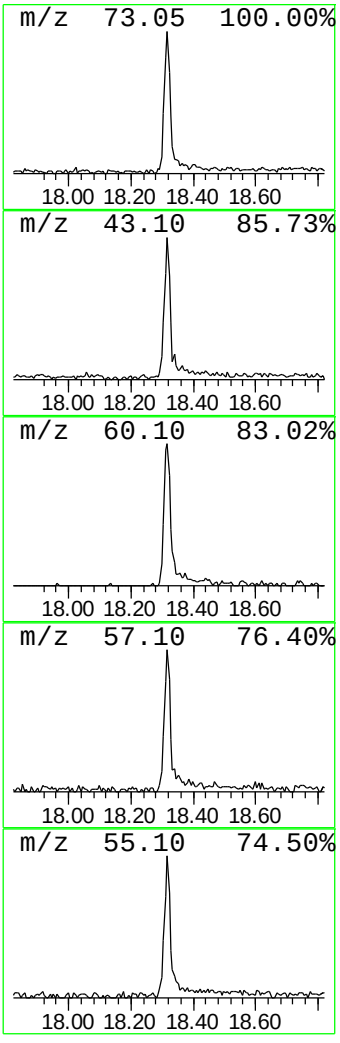
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.22 ng	223840	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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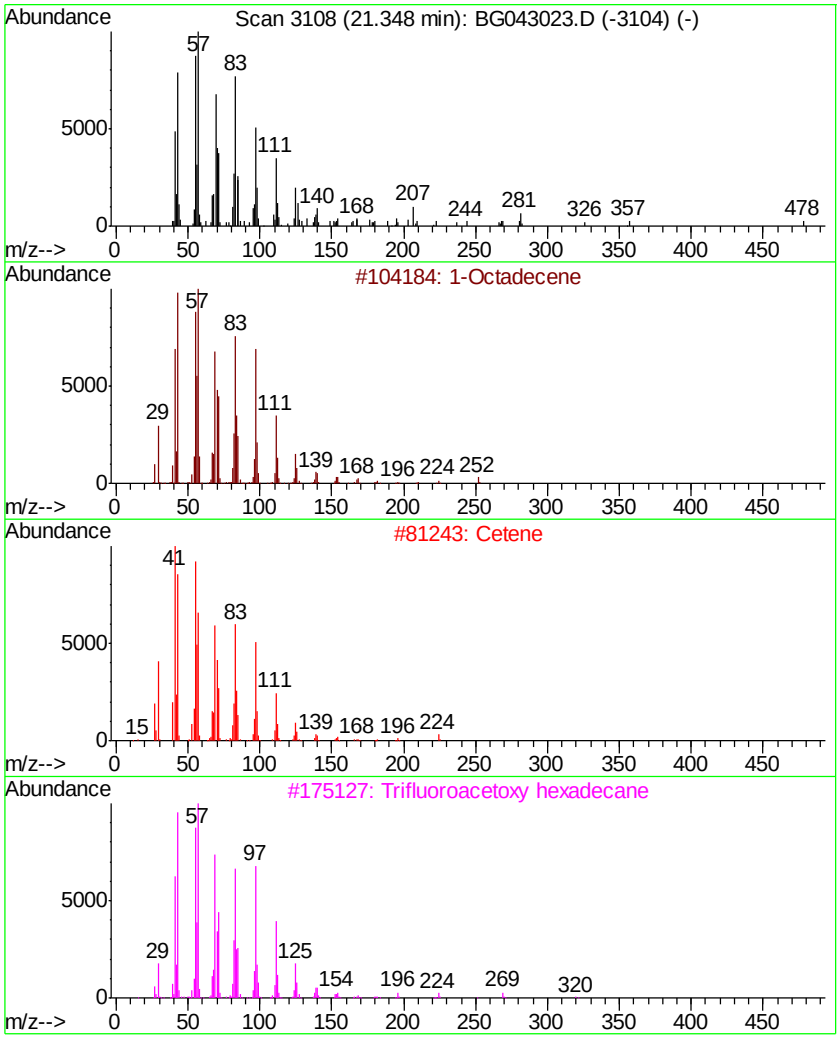
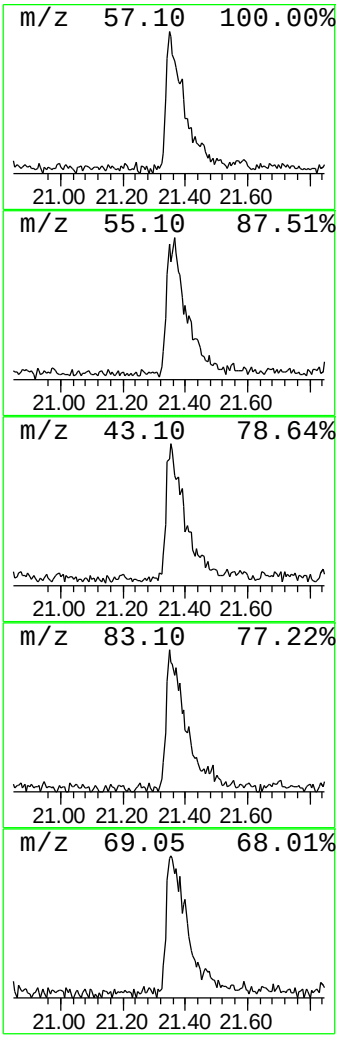
Peak Number 6 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.03 ng	308020	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	Cetene	224	C16H32	000629-73-2	96
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.17	9.6	ng	212511	1	8.07	442279	20.0
Butane, 2-methoxy...	3.26	9.3	ng	205697	1	8.07	442279	20.0
unknown7.61	7.61	119.0	ng	2631620	1	8.07	442279	20.0
n-Hexadecanoic acid	18.32	4.2	ng	223840	4	17.43	1061840	20.0
1-Octadecene	21.35	5.0	ng	308020	5	21.69	1224580	20.0