LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043024.D
Acq On : 4 Oct 2019 4:22
Operator : JU
Sample : K5181-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-4-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	3.176	8	15	24	rBV2	84752	186947	5.20%	0.877%
2	3.258	24	29	36	rVB	81513	134757	3.75%	0.632%
3	5.649	428	436	451	rBV	831978	1387044	38.60%	6.507%
4	7.236	697	706	720	rBV	895985	1650728	45.94%	7.744%
5	7.606	761	769	778	rBV	897635	1563147	43.50%	7.333%
6	8.064	841	847	855	rBV	239049	415996	11.58%	1.952%
7	8.393	894	903	911	rBV	679380	1193017	33.20%	5.597%
8	9.227	1035	1045	1053	rBV	523349	979313	27.26%	4.594%
9	10.872	1316	1325	1335	rBV	296384	560050	15.59%	2.627%
10	13.311	1733	1740	1752	rBV	1464870	2251730	62.67%	10.563%
11	14.133	1873	1880	1887	rBV	153692	228631	6.36%	1.073%
12	14.686	1966	1974	1986	rBV	518406	842811	23.46%	3.954%
13	16.172	2220	2227	2238	rBV	1291707	2012806	56.02%	9.443%
14	17.429	2434	2441	2452	rBV	691137	1063124	29.59%	4.987%
15	18.317	2585	2592	2601	rBV	99074	154280	4.29%	0.724%
16	20.038	2878	2885	2897	rBV	2620231	3593089	100.00%	16.856%
17	21.348	3103	3108	3129	rBV4	86804	363378	10.11%	1.705%
18	21.695	3160	3167	3179	rBV	739834	1295767	36.06%	6.079%
19	23.199	3419	3423	3429	rVB6	29215	51095	1.42%	0.240%
20	24.915	3706	3715	3730	rVB	445701	1388712	38.65%	6.515%

Sum of corrected areas: 21316422

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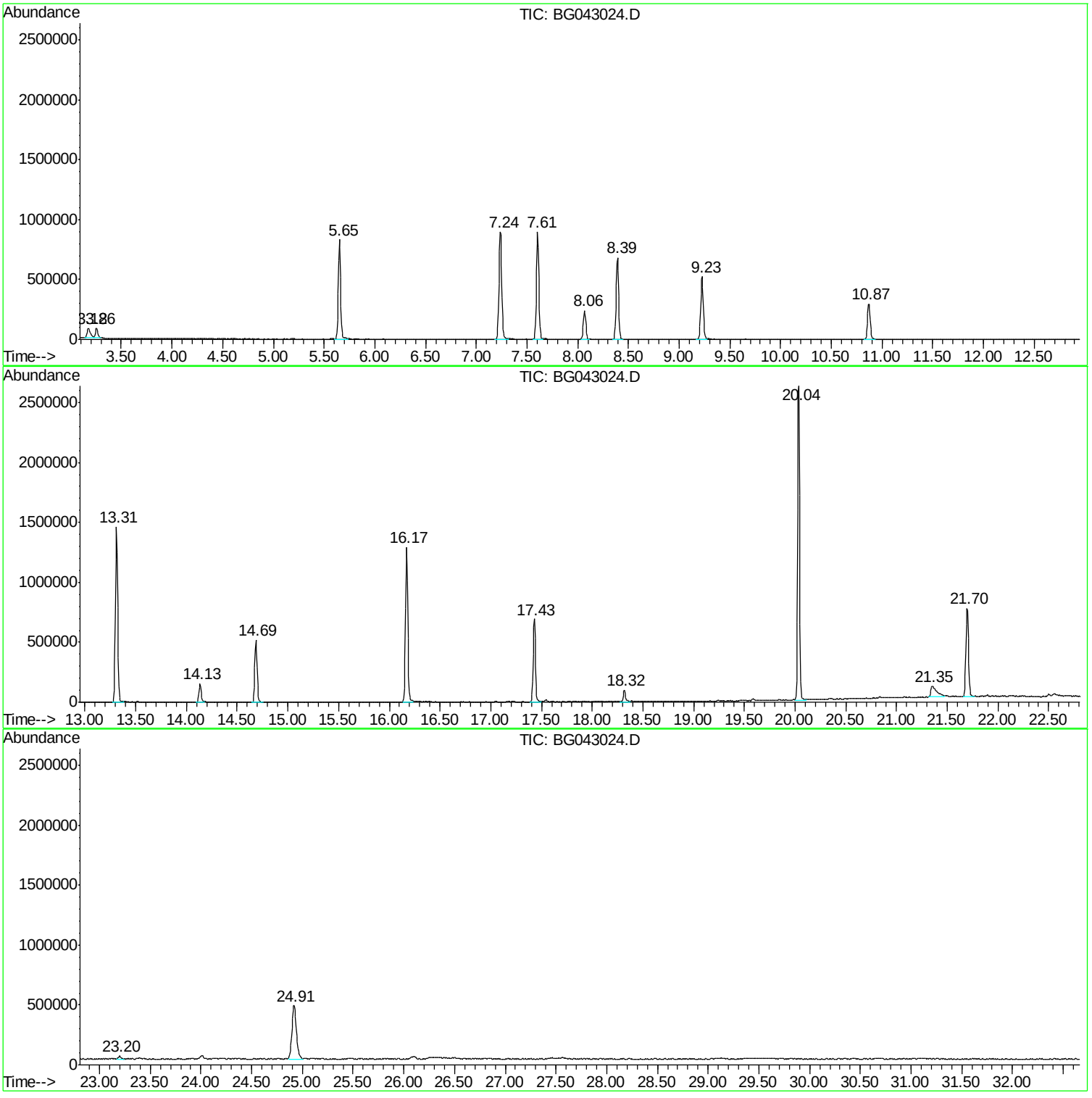
ClientSampleId :
SOUTH-AVENUE-4-ABCD

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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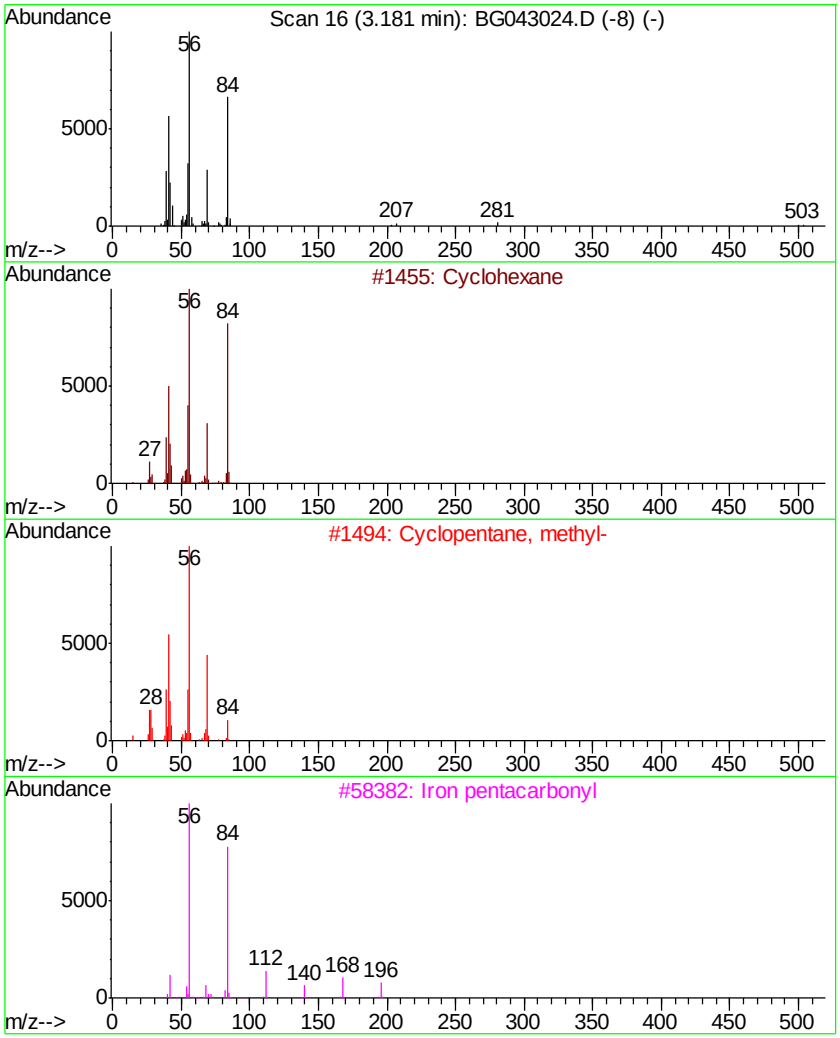
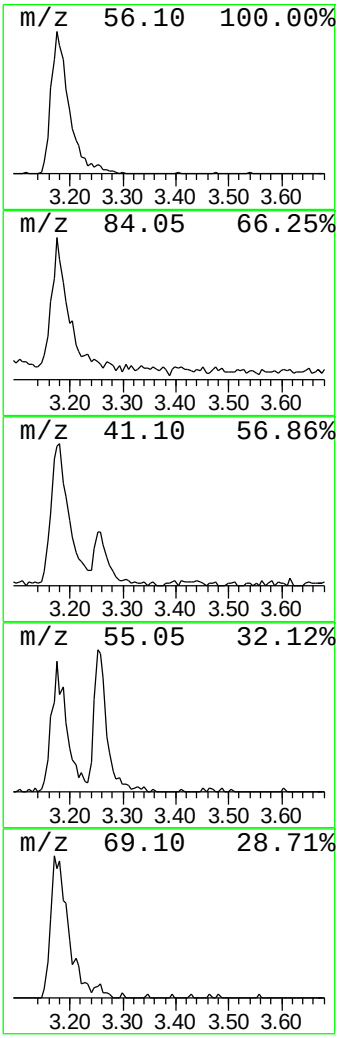
Peak Number 1 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	8.99 ng	186947	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
3	Iron pentacarbonyl	196	C5FeO5	013463-40-6	56
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	47
5	Cyclobutane	56	C4H8	000287-23-0	46





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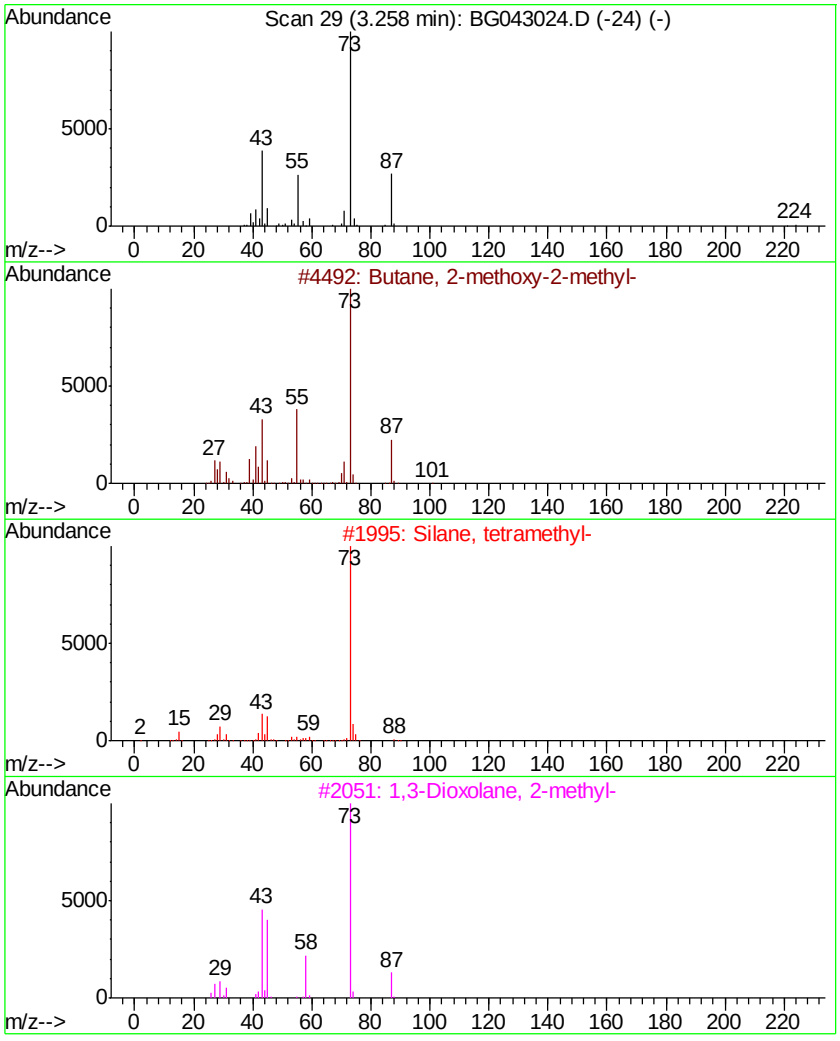
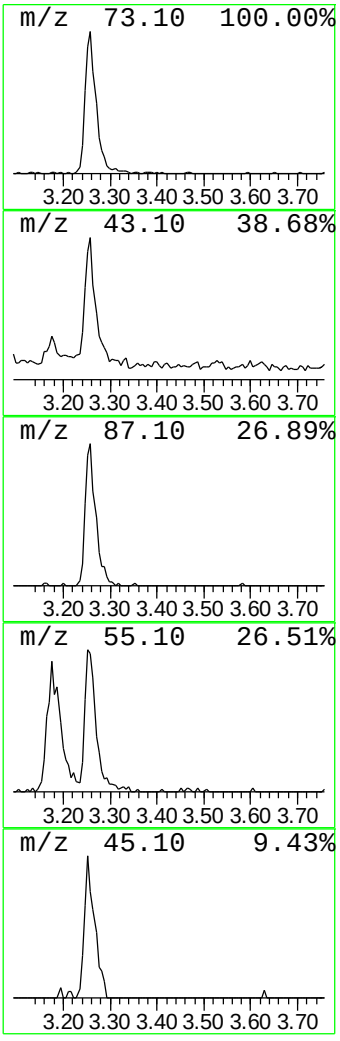
Peak Number 2 unknown3.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	6.48 ng	134757	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	45
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





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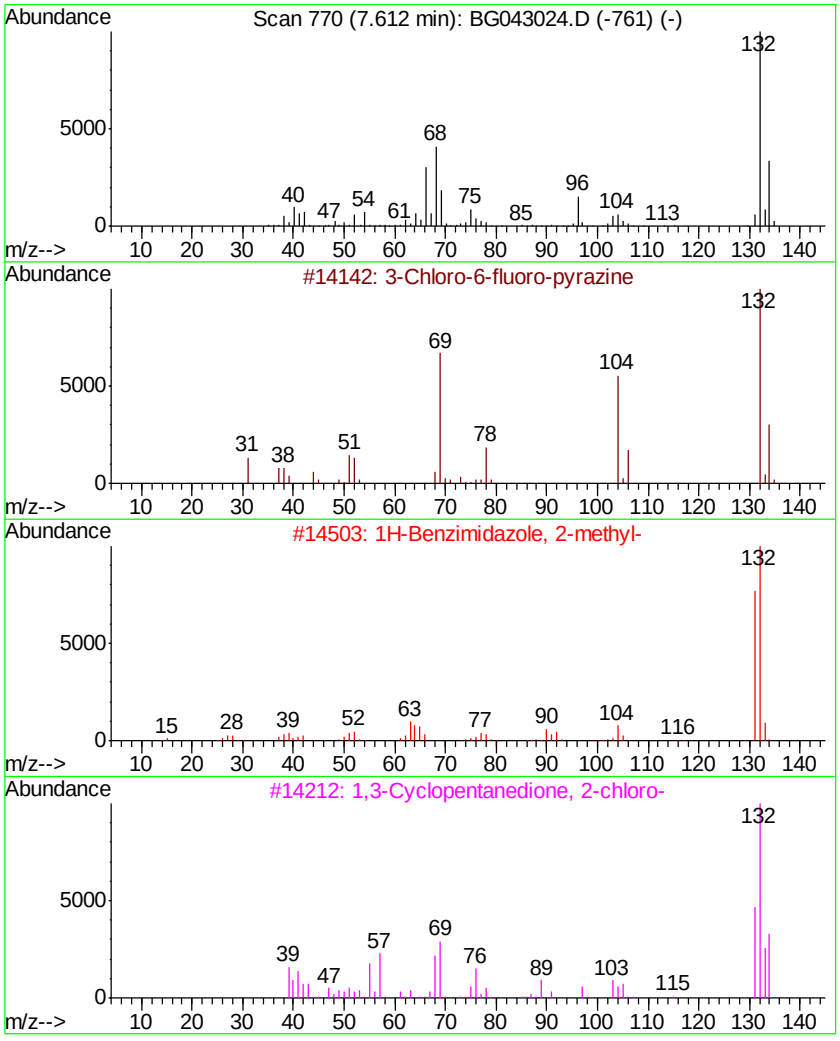
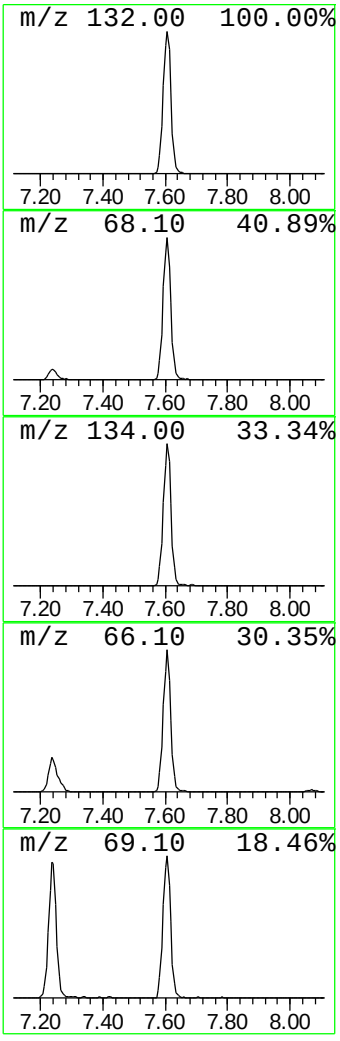
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	75.15 ng	1563150	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





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Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-4-ABCD

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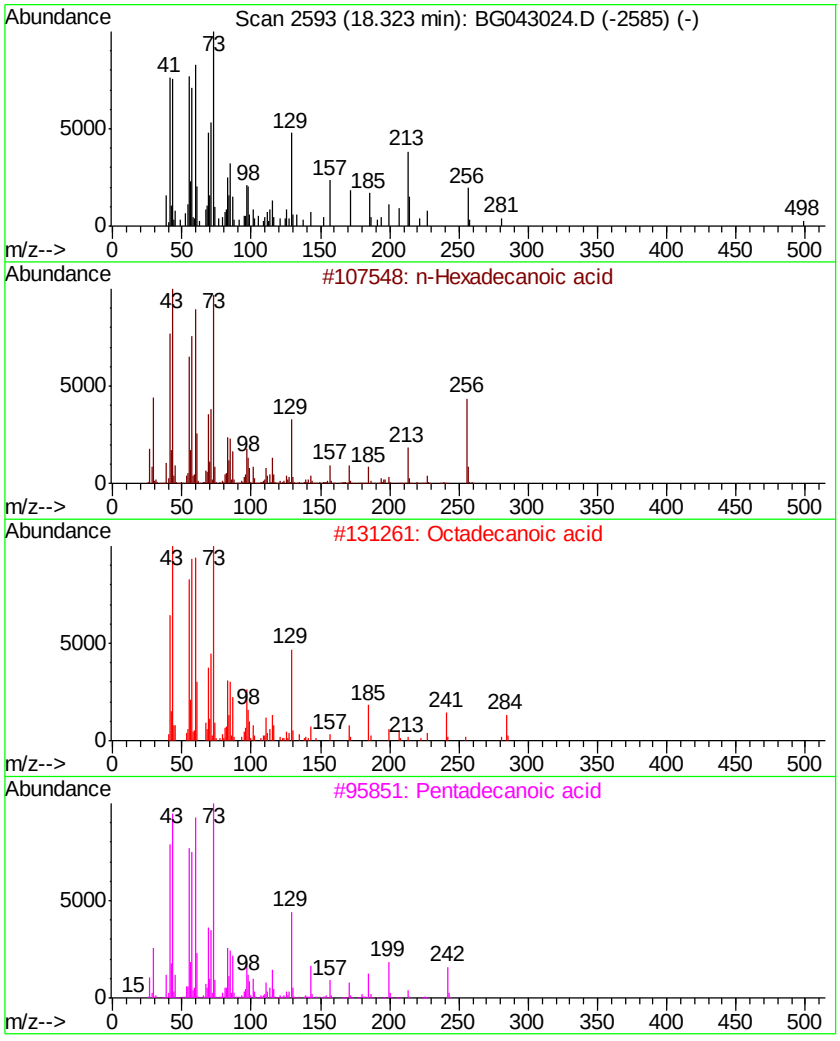
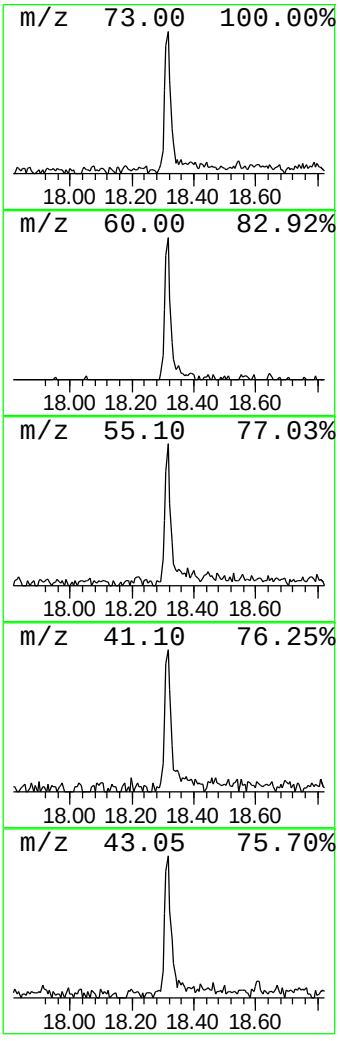
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.90 ng	154280	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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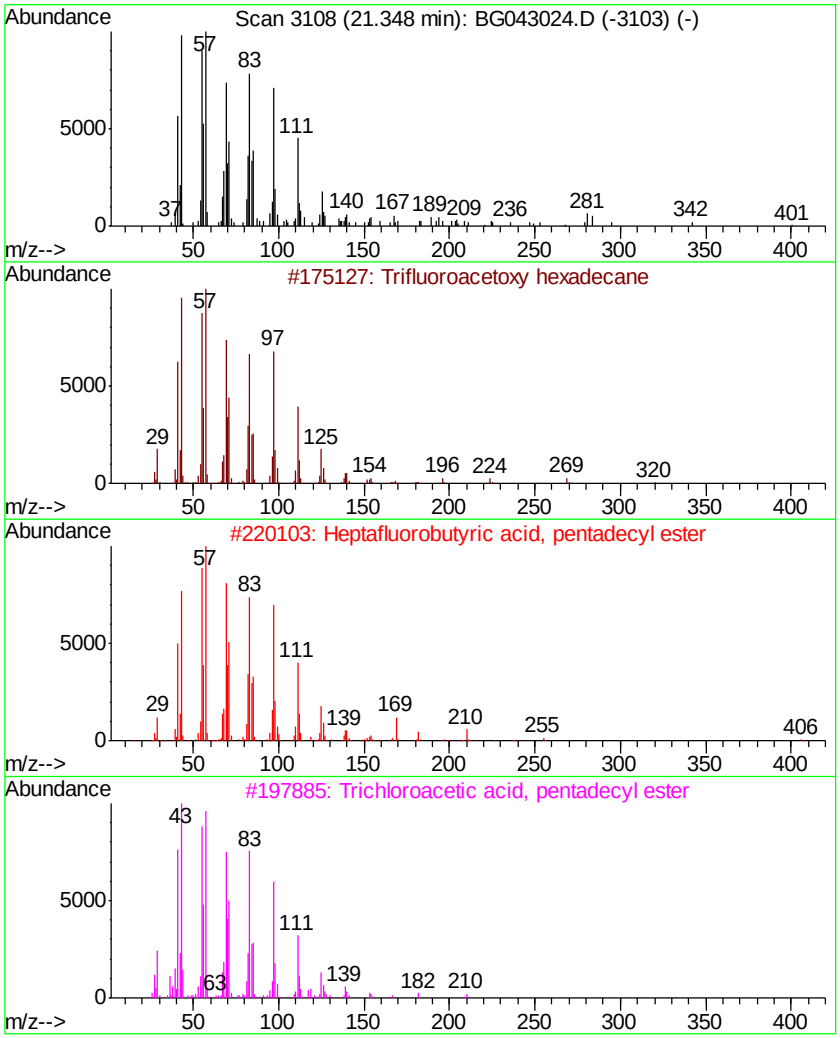
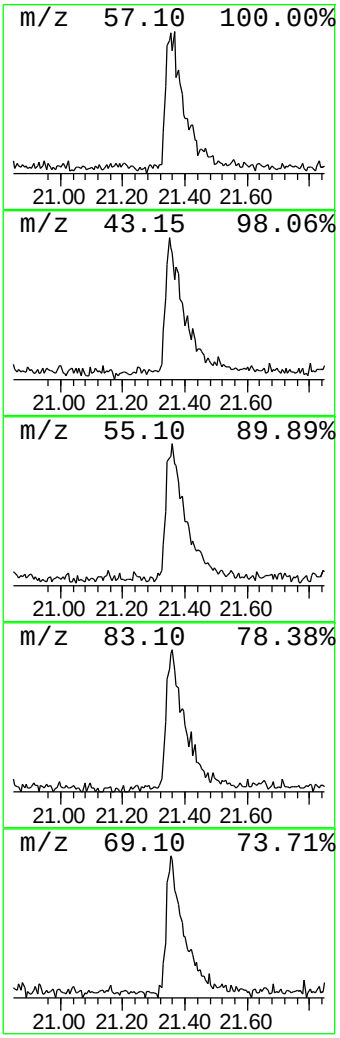
Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.61 ng	363378	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	87
5	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	87





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
Cyclopentane, met...	3.18	9.0	ng	186947	1	8.06	415996	20.0
unknown3.26	3.26	6.5	ng	134757	1	8.06	415996	20.0
unknown7.61	7.61	75.2	ng	1563150	1	8.06	415996	20.0
n-Hexadecanoic acid	18.32	2.9	ng	154280	4	17.43	1063120	20.0
Trifluoroacetoxy ...	21.35	5.6	ng	363378	5	21.70	1295770	20.0