LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043021.D
Acq On : 4 Oct 2019 2:27
Operator : JU
Sample : K5181-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-1-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	9	15	24	rBV3	81034	220812	4.45%	0.720%
2	3.259	24	29	37	rVB	134905	233611	4.71%	0.762%
3	5.650	427	436	448	rBV	1422761	2409328	48.60%	7.854%
4	7.242	697	707	718	rBV	1579511	2833187	57.15%	9.236%
5	7.607	760	769	782	rBV	1542183	2675453	53.97%	8.722%
6	8.071	839	848	855	rBV	271015	490224	9.89%	1.598%
7	8.394	893	903	912	rBV	1091282	1923620	38.80%	6.271%
8	9.228	1037	1045	1059	rBV	910291	1697239	34.24%	5.533%
9	10.873	1315	1325	1333	rBV	338915	631340	12.74%	2.058%
10	13.312	1733	1740	1749	rBV	2117544	3384149	68.27%	11.032%
11	14.134	1874	1880	1890	rBV	274798	412604	8.32%	1.345%
12	14.686	1967	1974	1981	rBV	583742	928482	18.73%	3.027%
13	16.173	2219	2227	2246	rBV	2097127	3236866	65.30%	10.552%
14	17.430	2435	2441	2451	rBV	733427	1141965	23.04%	3.723%
15	17.548	2451	2461	2466	rVB3	49147	75244	1.52%	0.245%
16	18.317	2586	2592	2601	rBV	143414	225938	4.56%	0.737%
17	20.039	2879	2885	2895	rVB	3699266	4957180	100.00%	16.160%
18	21.349	3103	3108	3124	rBV5	134569	494139	9.97%	1.611%
19	21.696	3161	3167	3178	rVB2	751076	1307734	26.38%	4.263%
20	24.922	3706	3716	3730	rVB	469950	1397117	28.18%	4.554%

Sum of corrected areas: 30676232

LSC Report - Integrated Chromatogram

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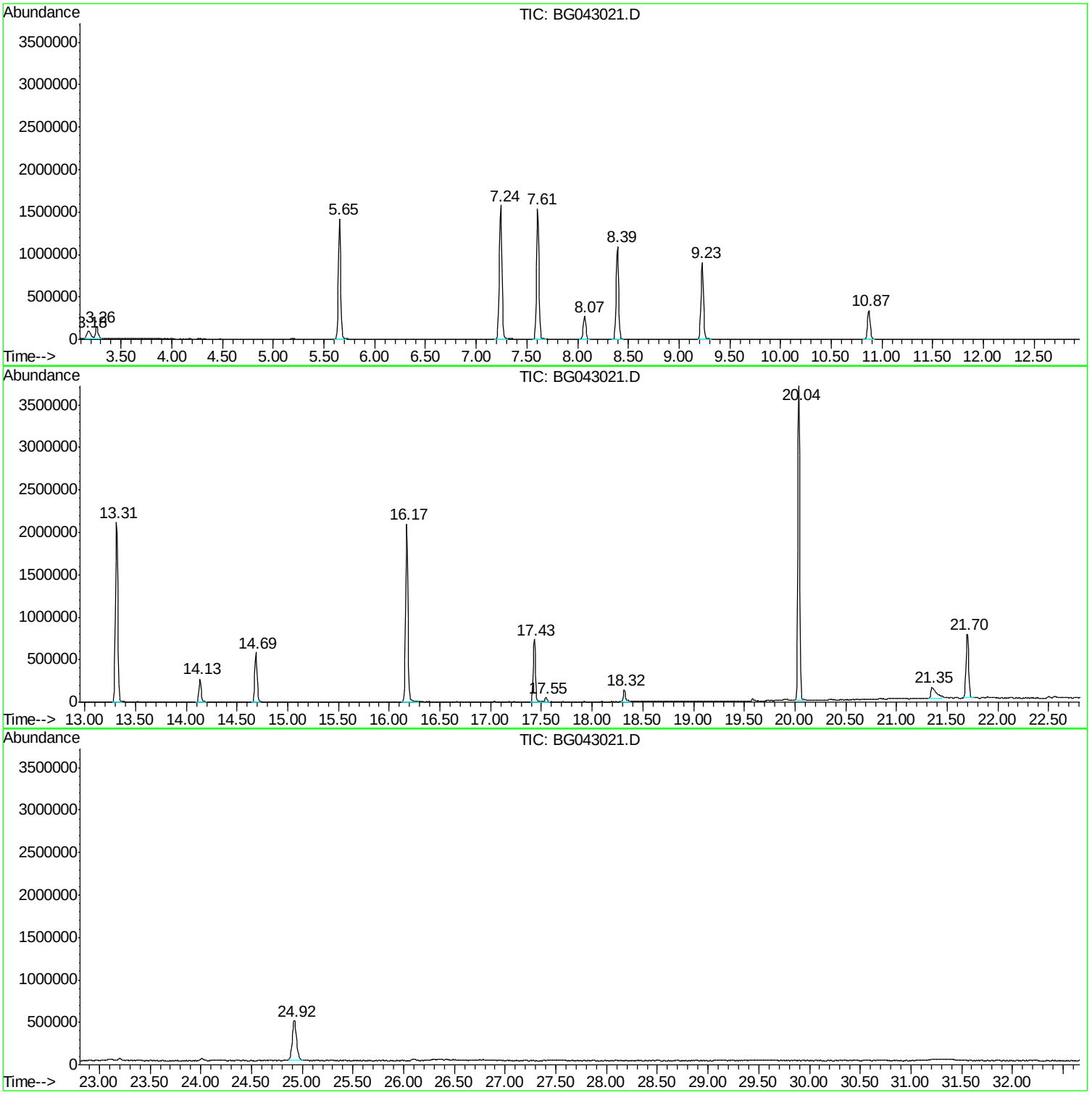
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

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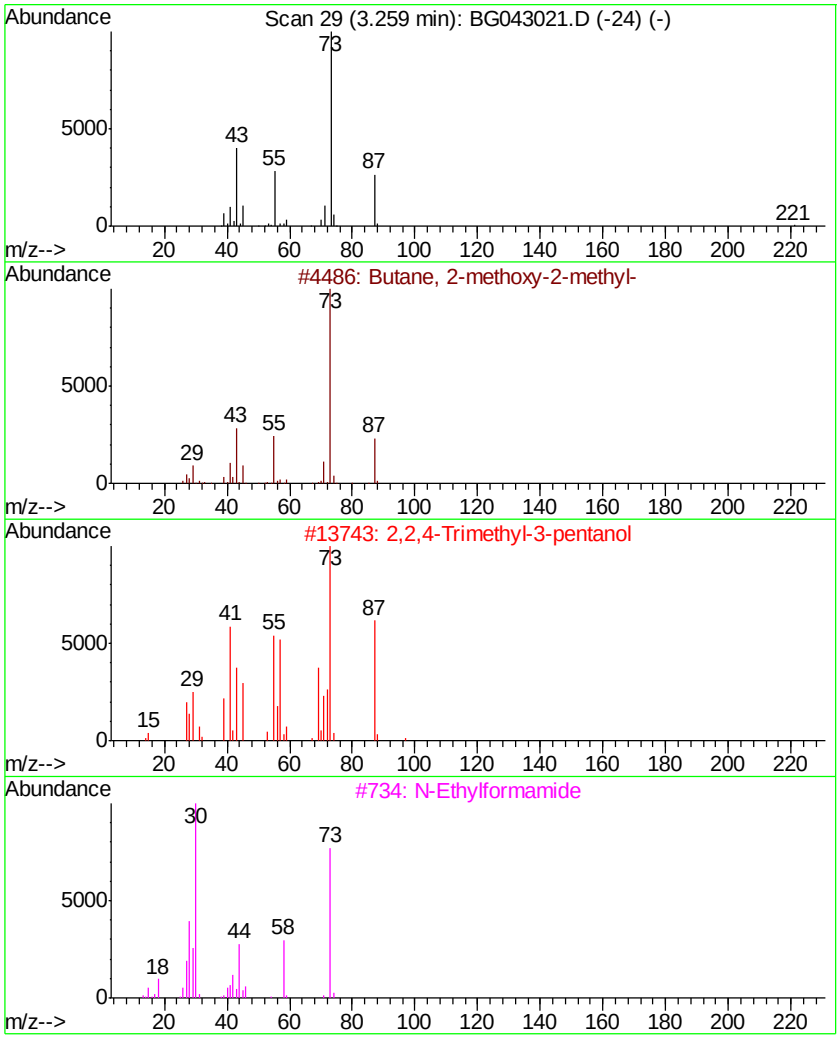
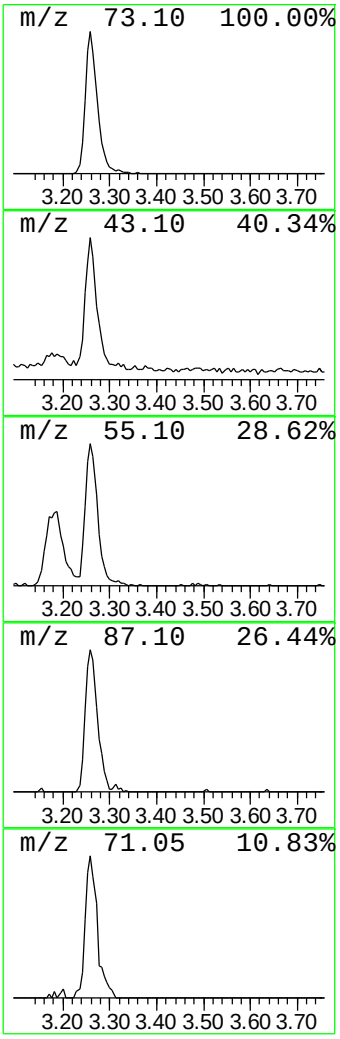
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	9.53 ng	233611	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

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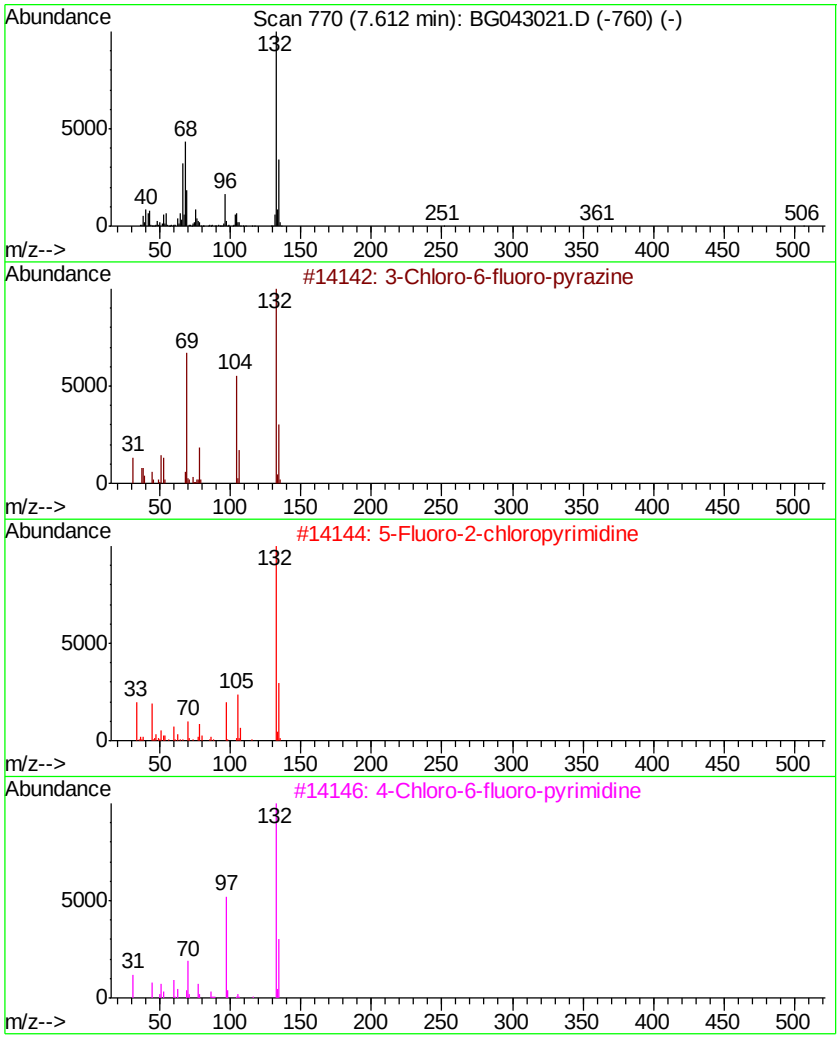
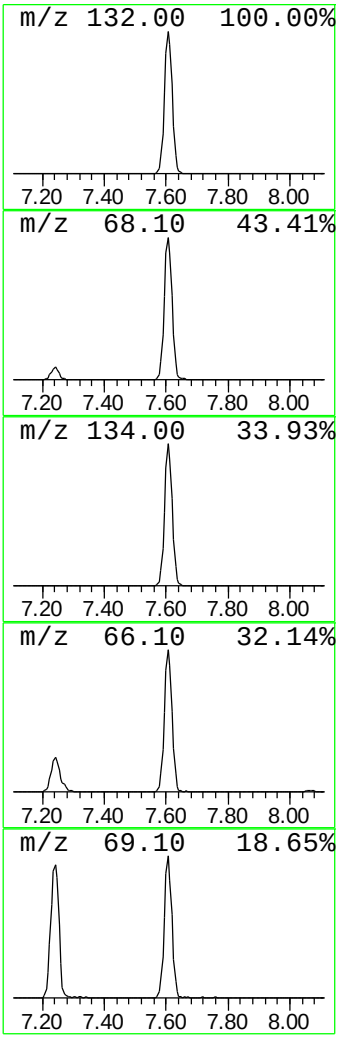
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	109.15 ng	2675450	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-AVENUE-1-ABCD

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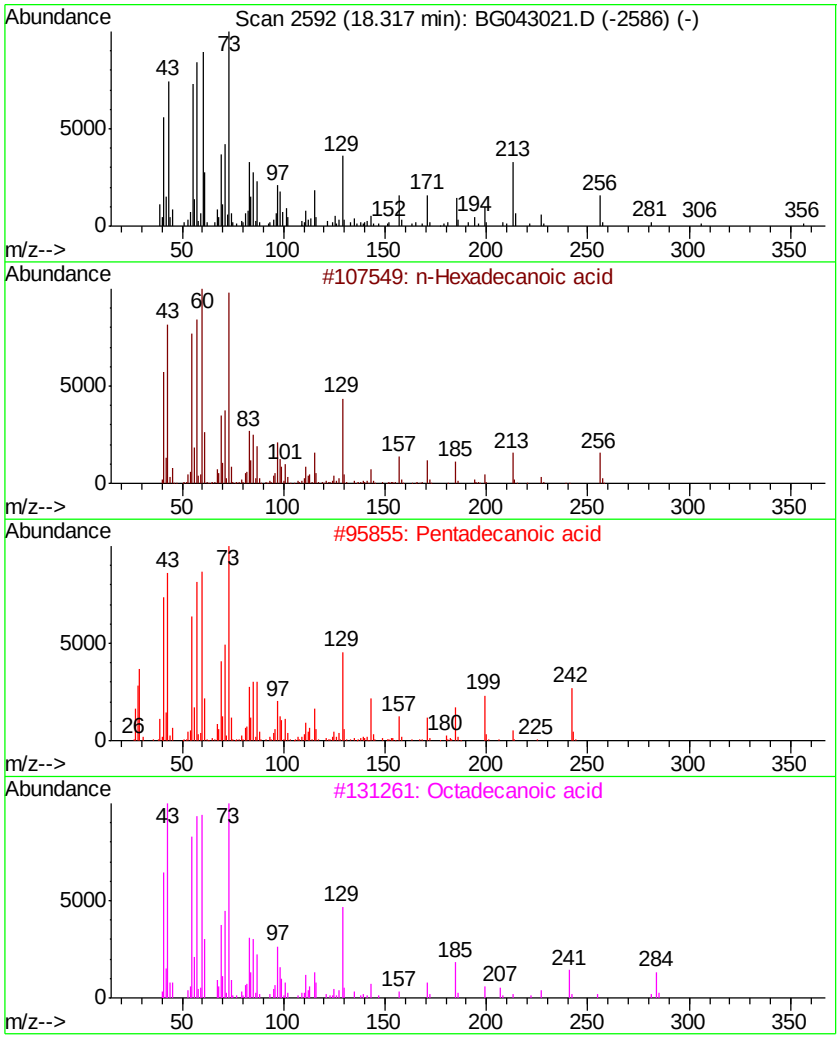
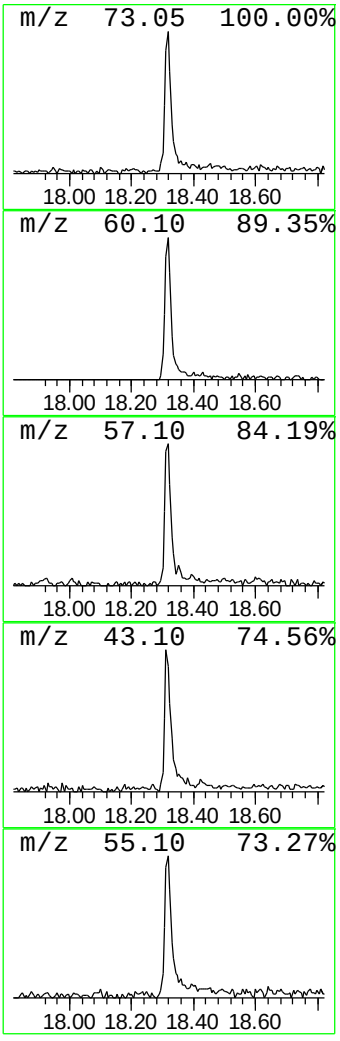
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.96 ng	225938	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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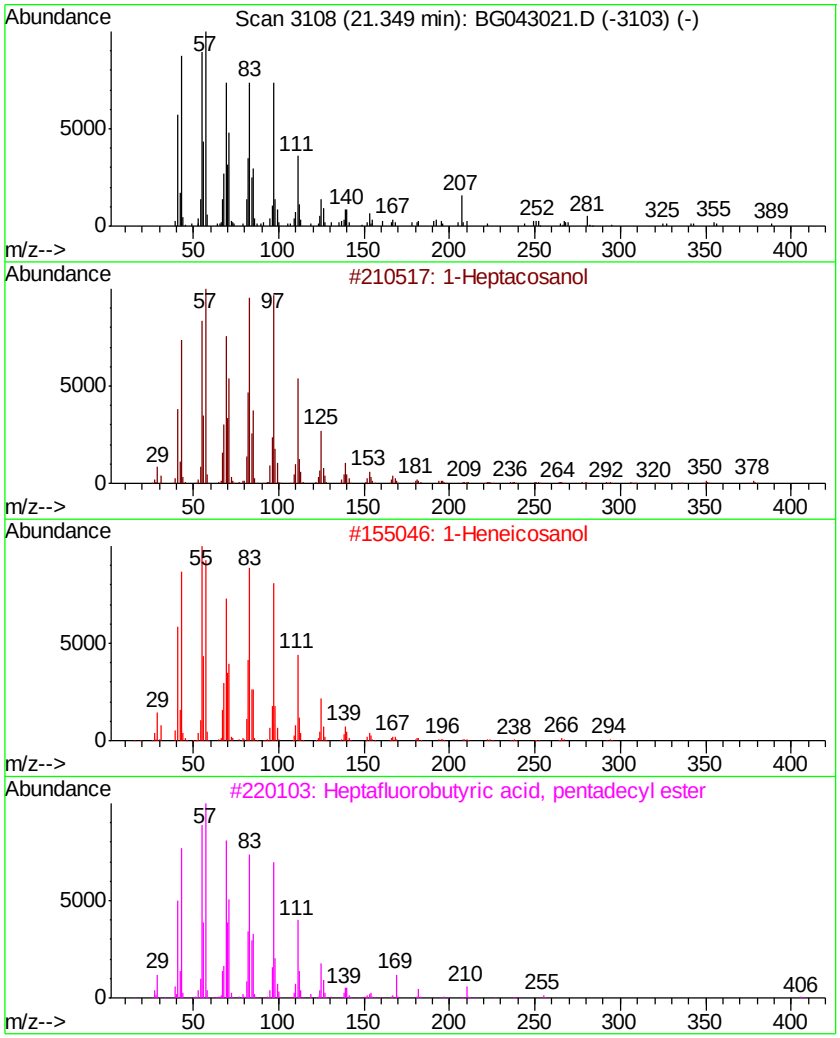
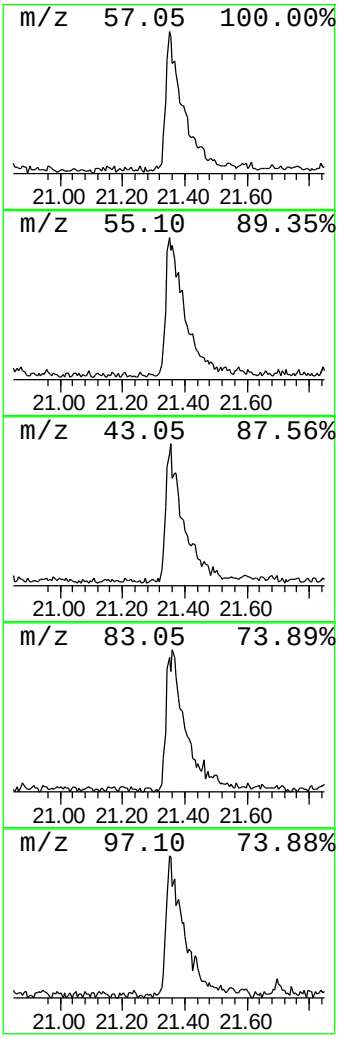
Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	7.56 ng	494139	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-1-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.26	9.5	ng	233611	1	8.07	490224	20.0
unknown7.61	7.61	109.2	ng	2675450	1	8.07	490224	20.0
n-Hexadecanoic acid	18.32	4.0	ng	225938	4	17.43	1141970	20.0
1-Heptacosanol	21.35	7.6	ng	494139	5	21.70	1307730	20.0