LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024583.D
Acq On : 1 Nov 2016 8:55
Operator : UM/SJ
Sample : H5447-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-E1

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:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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	3.134	43	50	67	rVB	5330298	10680603	100.00%	17.637%
2	5.331	418	424	431	rBV	483955	822169	7.70%	1.358%
3	5.801	497	504	515	rVB	2166104	3630617	33.99%	5.995%
4	7.405	768	777	787	rBV	2330541	4163623	38.98%	6.876%
5	7.793	835	843	852	rBV	2157804	3780716	35.40%	6.243%
6	8.269	918	924	934	rVB	486517	837132	7.84%	1.382%
7	8.592	970	979	988	rVB	1453256	2629302	24.62%	4.342%
8	9.444	1116	1124	1131	rVB	1309375	2458859	23.02%	4.060%
9	11.095	1394	1405	1415	rVB	611901	1149527	10.76%	1.898%
10	13.510	1805	1816	1825	rBV	3206861	5089228	47.65%	8.404%
11	14.321	1945	1954	1961	rBV	776559	1121476	10.50%	1.852%
12	14.885	2043	2050	2056	rBV	1040088	1654234	15.49%	2.732%
13	15.684	2181	2186	2190	rVB2	76992	107676	1.01%	0.178%
14	16.365	2295	2302	2311	rBV	3196450	4944734	46.30%	8.166%
15	16.541	2328	2332	2341	rVB2	77707	149001	1.40%	0.246%
16	17.623	2510	2516	2522	rBV	1283299	2060970	19.30%	3.403%
17	18.469	2655	2660	2670	rBV3	127561	217087	2.03%	0.358%
18	20.202	2949	2955	2962	rBV	6208232	8836972	82.74%	14.593%
19	21.500	3170	3176	3184	rBV	354721	587992	5.51%	0.971%
20	21.918	3240	3247	3261	rVB	1546783	2781199	26.04%	4.593%
21	23.645	3535	3541	3547	rVB7	52829	110425	1.03%	0.182%
22	25.349	3820	3831	3845	rVB2	877619	2742776	25.68%	4.529%

Sum of corrected areas: 60556318

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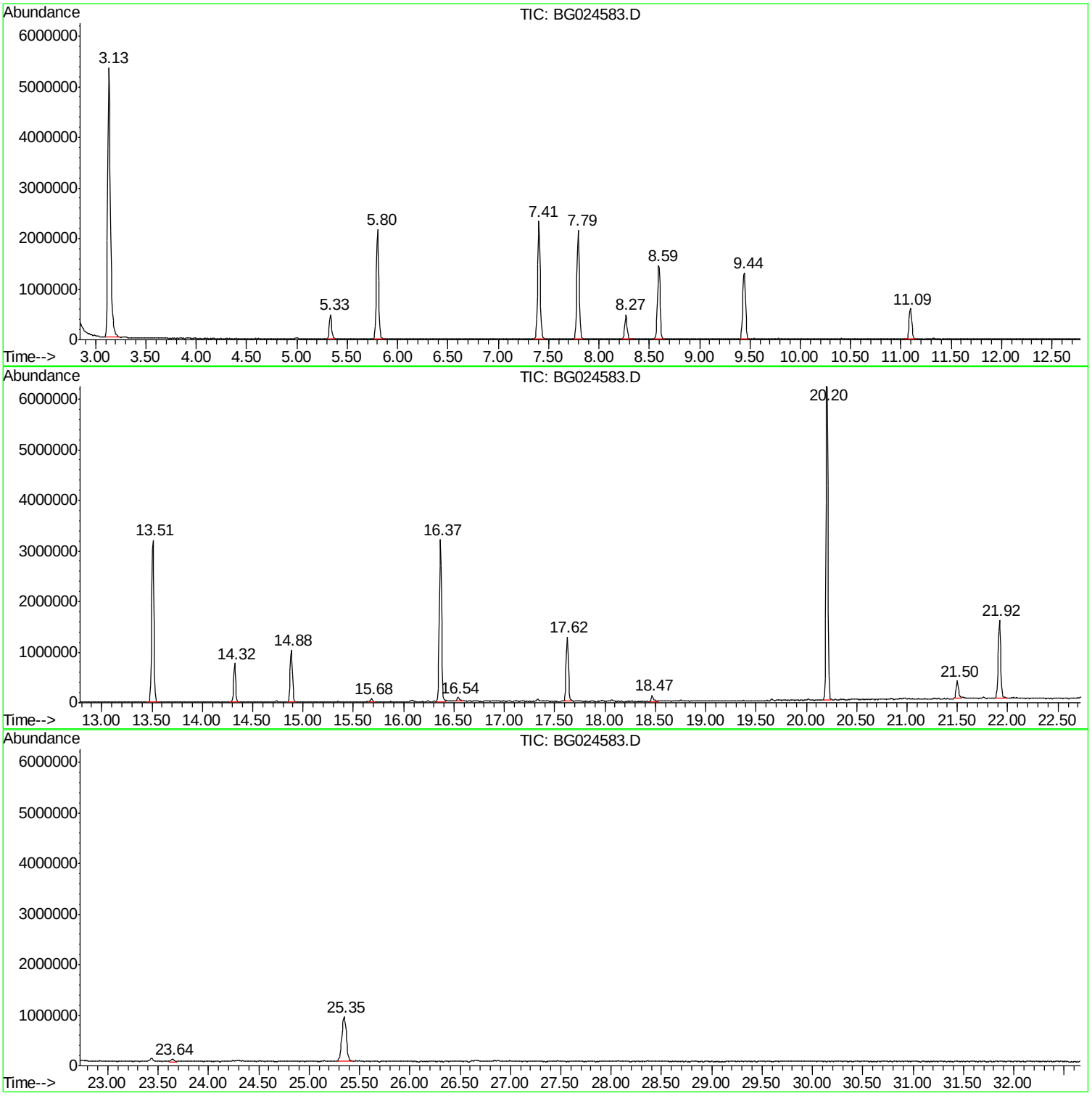
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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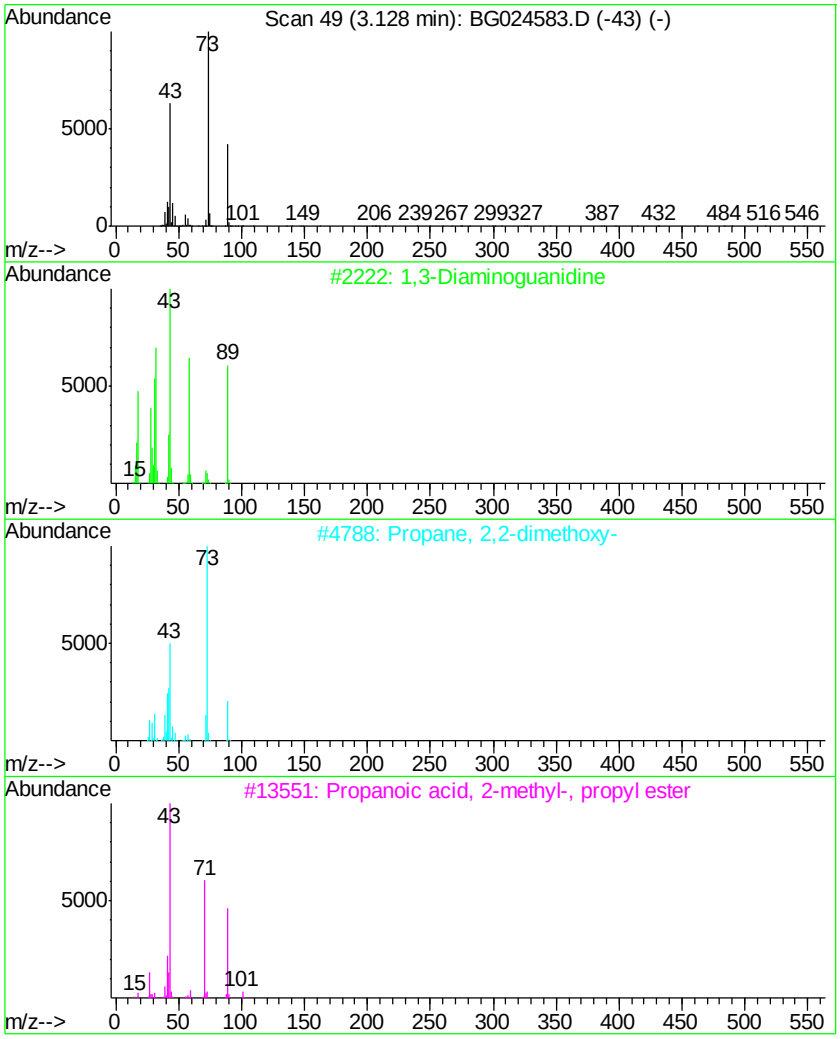
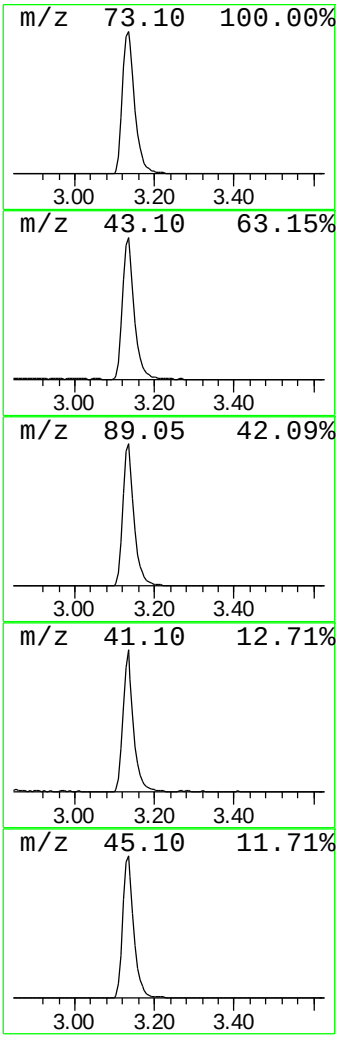
Peak Number 1 unknown3.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	255.17 ng	10680600	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	47
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	35
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId : RPC-E1

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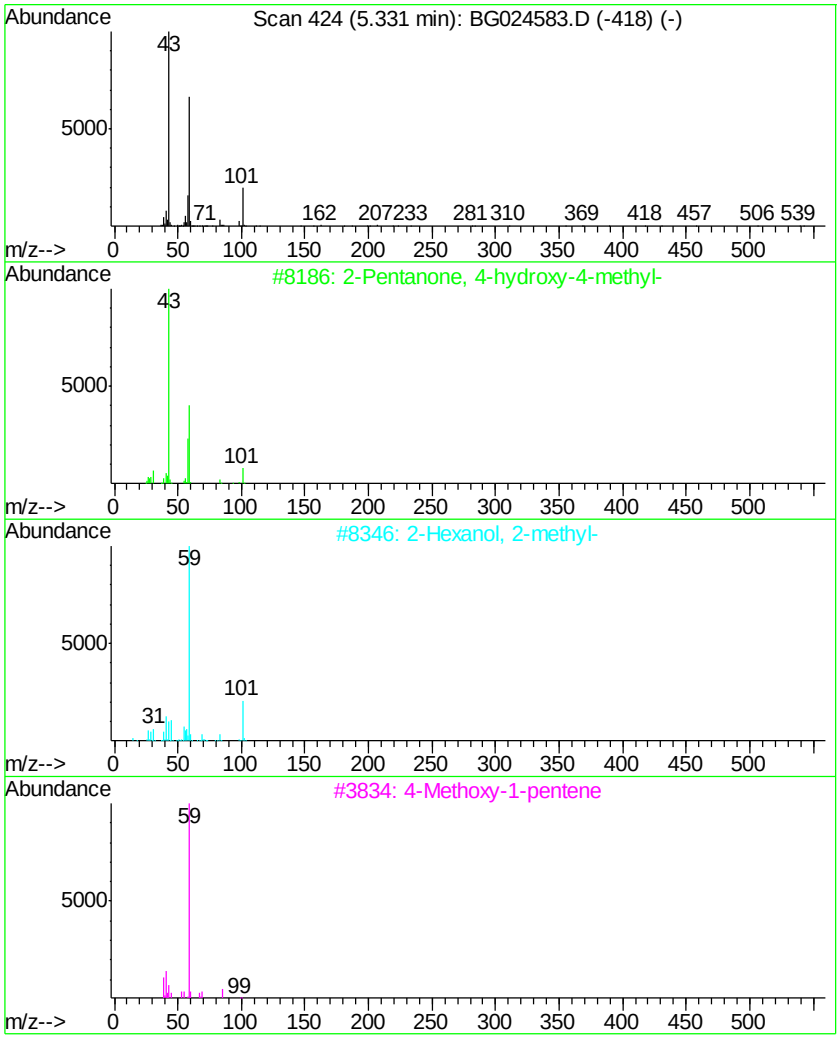
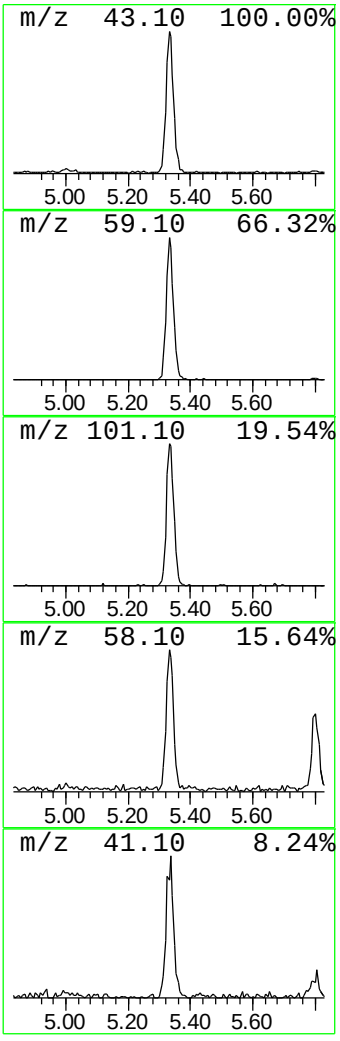
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	19.64 ng	822169	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	35
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Instrument : BNA_G
ClientSampleId : RPC-E1

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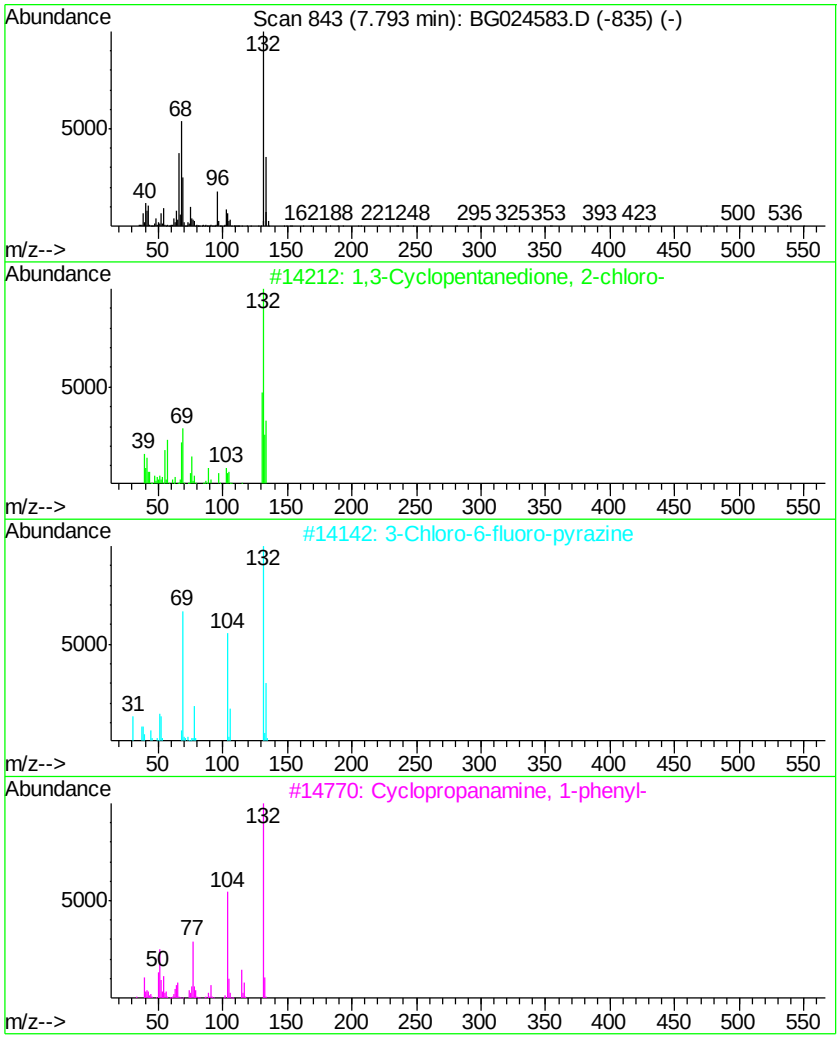
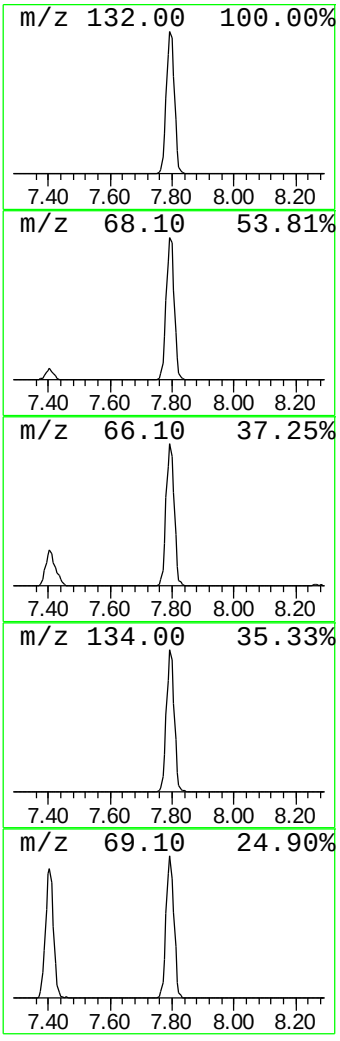
Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	90.33 ng	3780720	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-E1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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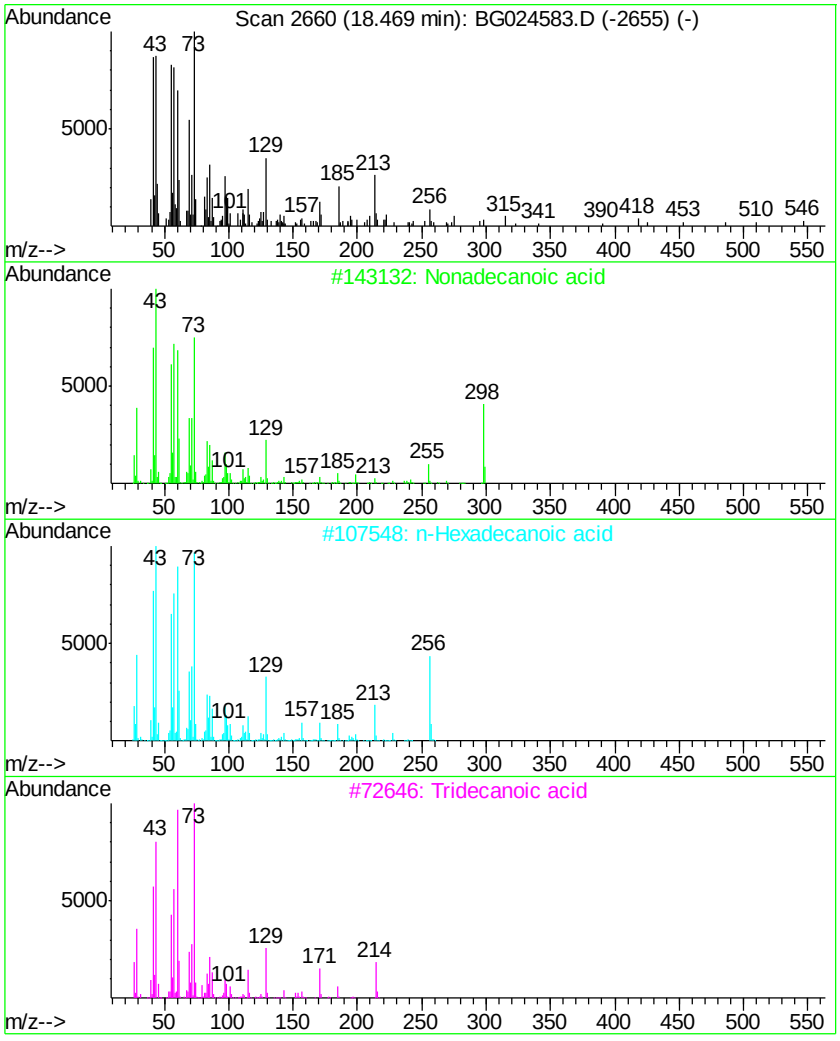
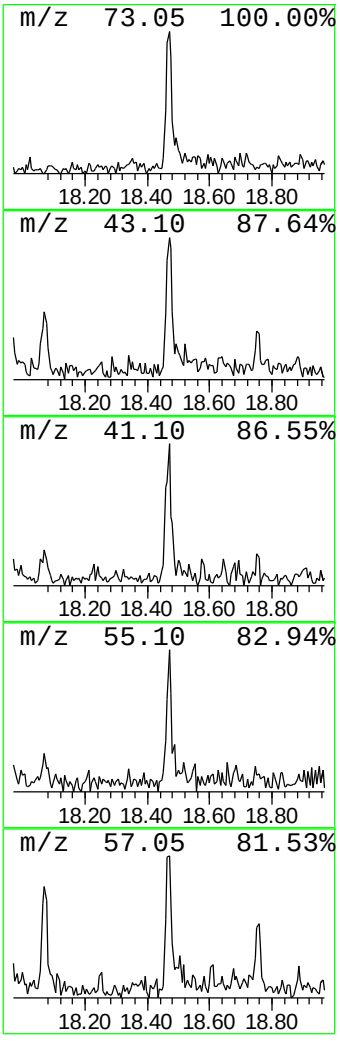
Peak Number 5 Nonadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.11 ng	217087	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid	298	C19H38O2	000646-30-0	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Heptadecanoic acid	270	C17H34O2	000506-12-7	49





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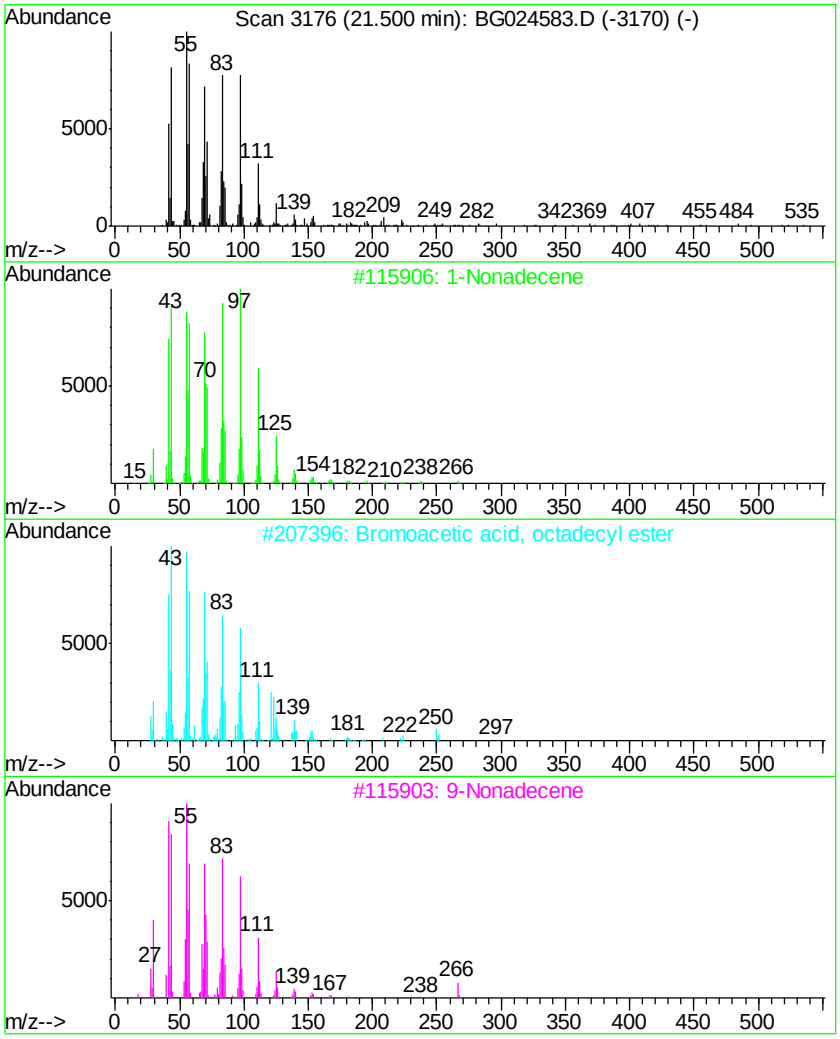
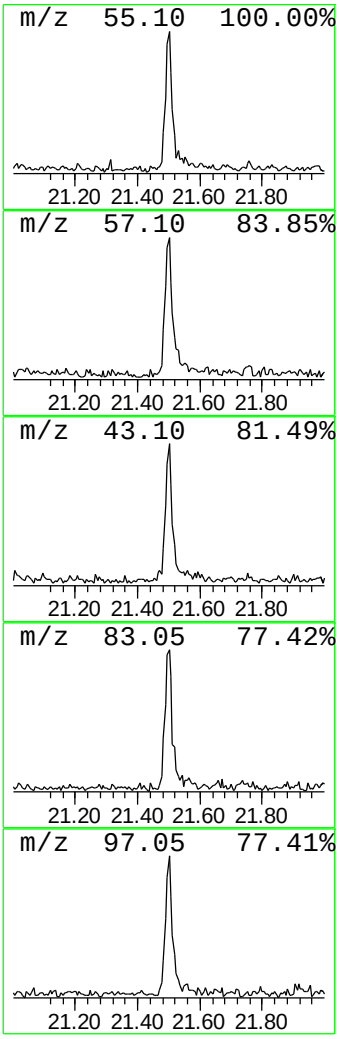
Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	4.23 ng	587992	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
3	9-Nonadecene	266	C19H38	031035-07-1	86
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.13	3.13	255.2	ng	10680600	1	8.27	837132	20.0
2-Pentanone, 4-hy...	5.33	19.6	ng	822169	1	8.27	837132	20.0
unknown7.79	7.79	90.3	ng	3780720	1	8.27	837132	20.0
Nonadecanoic acid	18.47	2.1	ng	217087	4	17.62	2060970	20.0
1-Nonadecene	21.50	4.2	ng	587992	5	21.92	2781200	20.0