LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

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-BG091217.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	5.380	300	305	312	rBV2	27970	46964	1.41%	0.351%
2	5.844	377	384	397	rBV	238702	422343	12.71%	3.154%
3	7.430	647	654	669	rBV	170231	331919	9.99%	2.478%
4	7.812	712	719	733	rBV	406121	744826	22.41%	5.562%
5	8.276	791	798	803	rBV2	92250	160035	4.82%	1.195%
6	8.600	846	853	865	rVB	368187	671148	20.19%	5.011%
7	9.446	989	997	1006	rBV	298821	579456	17.44%	4.327%
8	11.097	1271	1278	1285	rBV	113863	211769	6.37%	1.581%
9	13.512	1680	1689	1702	rBV	944423	1489866	44.83%	11.125%
10	14.399	1836	1840	1844	rVV2	28376	36389	1.09%	0.272%
11	14.892	1917	1924	1931	rBV	211650	342184	10.30%	2.555%
12	15.280	1984	1990	2001	rBV2	70303	106954	3.22%	0.799%
13	15.656	2049	2054	2058	rBV	185472	239087	7.19%	1.785%
14	16.155	2134	2139	2150	rVB	220214	292741	8.81%	2.186%
15	16.385	2169	2178	2194	rBV	1075317	1647849	49.58%	12.305%
16	17.642	2385	2392	2400	rBV	371846	579987	17.45%	4.331%
17	18.288	2494	2502	2507	rBV4	91379	139434	4.20%	1.041%
18	19.886	2768	2774	2784	rVB	259167	328704	9.89%	2.454%
19	20.227	2826	2832	2841	rBV	2398227	3323503	100.00%	24.817%
20	21.796	3093	3099	3107	rVB	212207	290596	8.74%	2.170%
21	21.960	3120	3127	3137	rBV	417035	726288	21.85%	5.423%
22	25.409	3704	3714	3725	rVB2	222882	680179	20.47%	5.079%

Sum of corrected areas: 13392221

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
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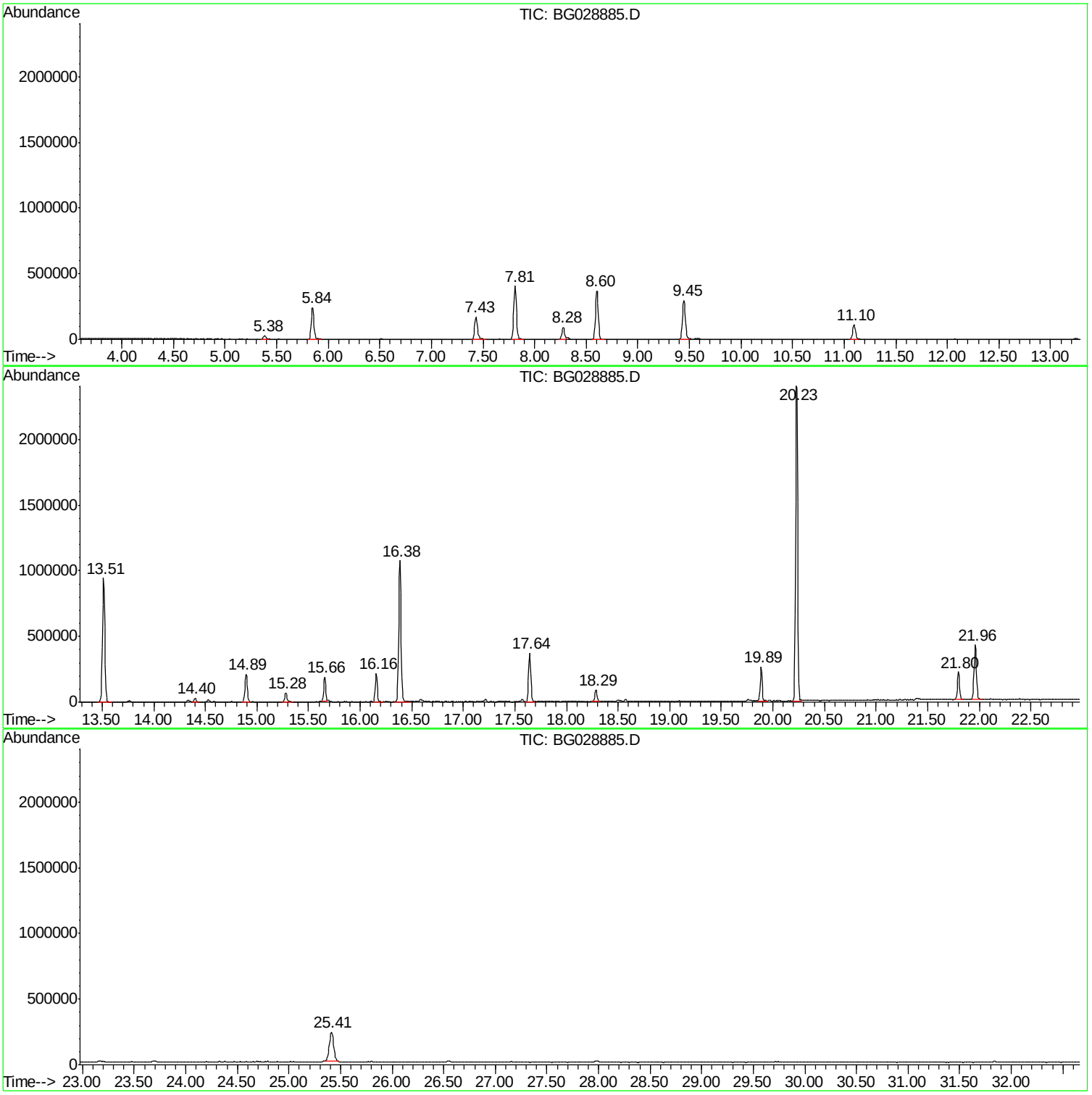
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

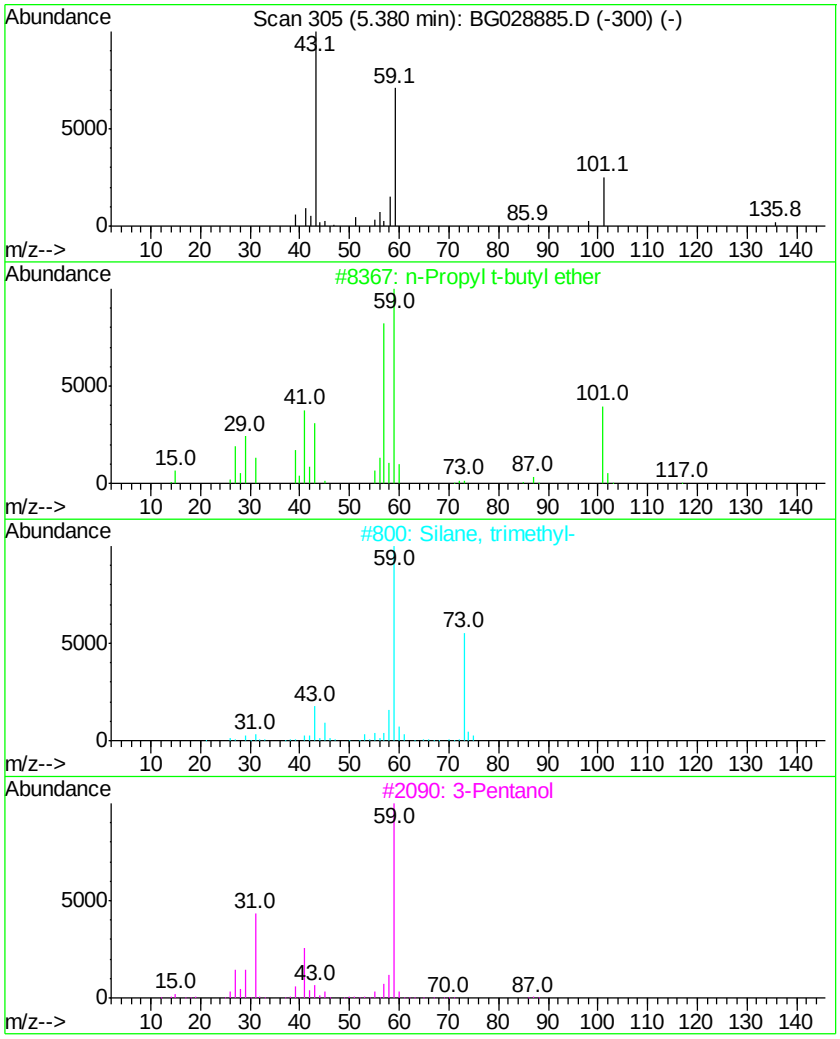
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

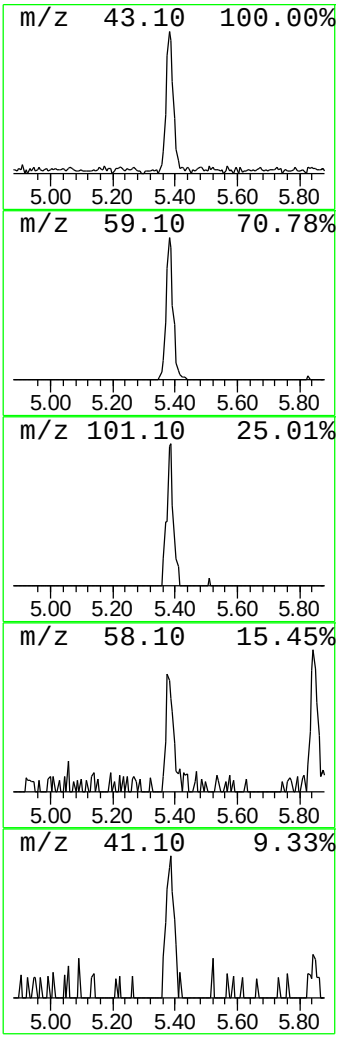
****

Peak Number 1 unknown5.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	5.87 ng	46964	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	23
3	3-Pentanol	88	C5H12O	000584-02-1	23
4	2-Nonanone	142	C9H18O	000821-55-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

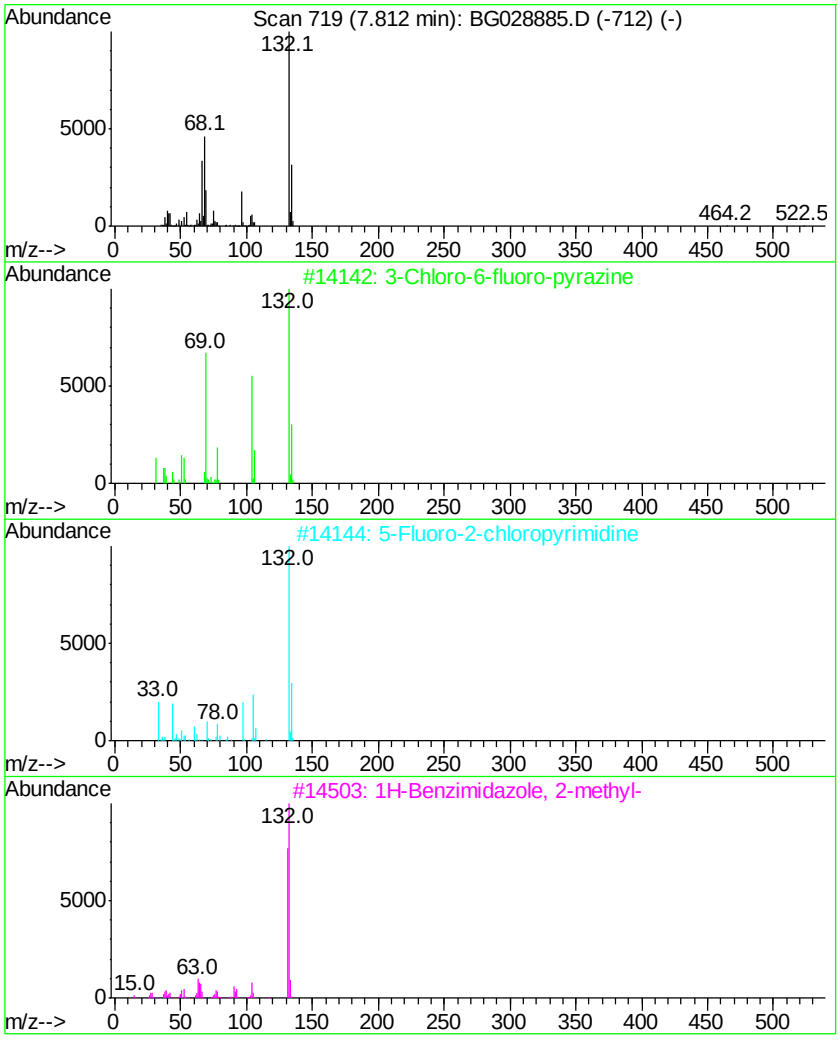
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

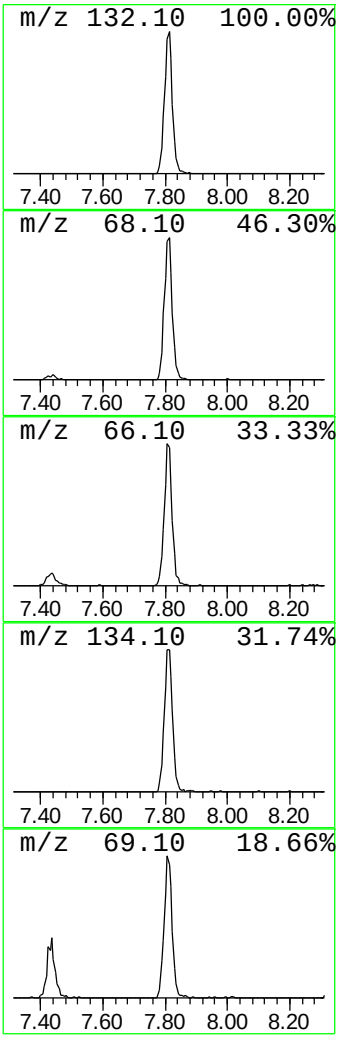
****

Peak Number 2 unknown7.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	93.08 ng	744826	1,4-Dichlorobenzene-d4	8.28

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	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	Pyraclostrobine	387	C19H18ClN3O4	175013-18-0	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

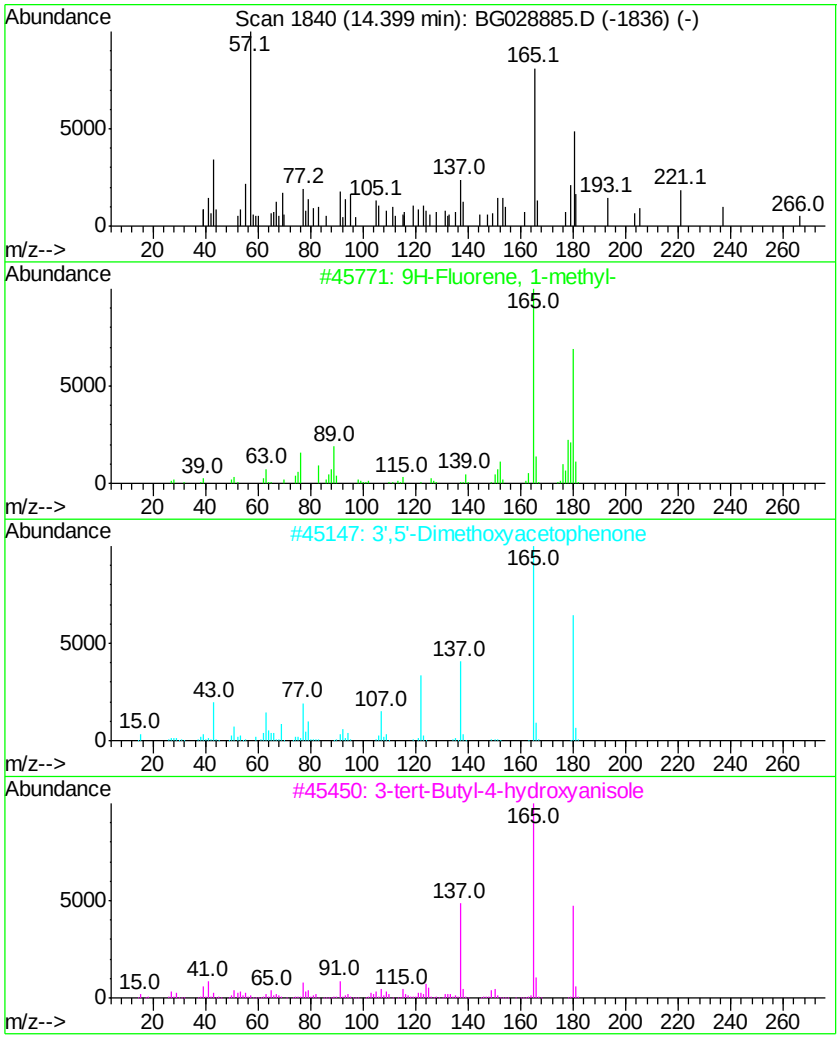
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

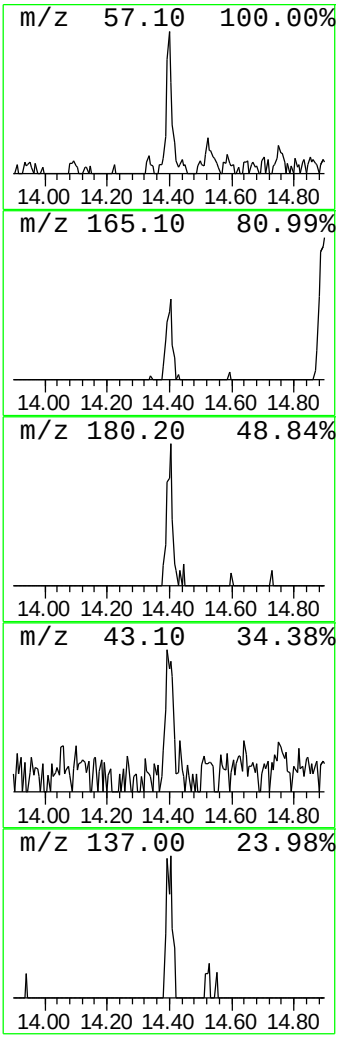
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	2.13 ng	36389	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	58
2	3',5'-Dimethoxyacetophenone	180	C10H12O3	039151-19-4	52
3	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	52
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
5	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

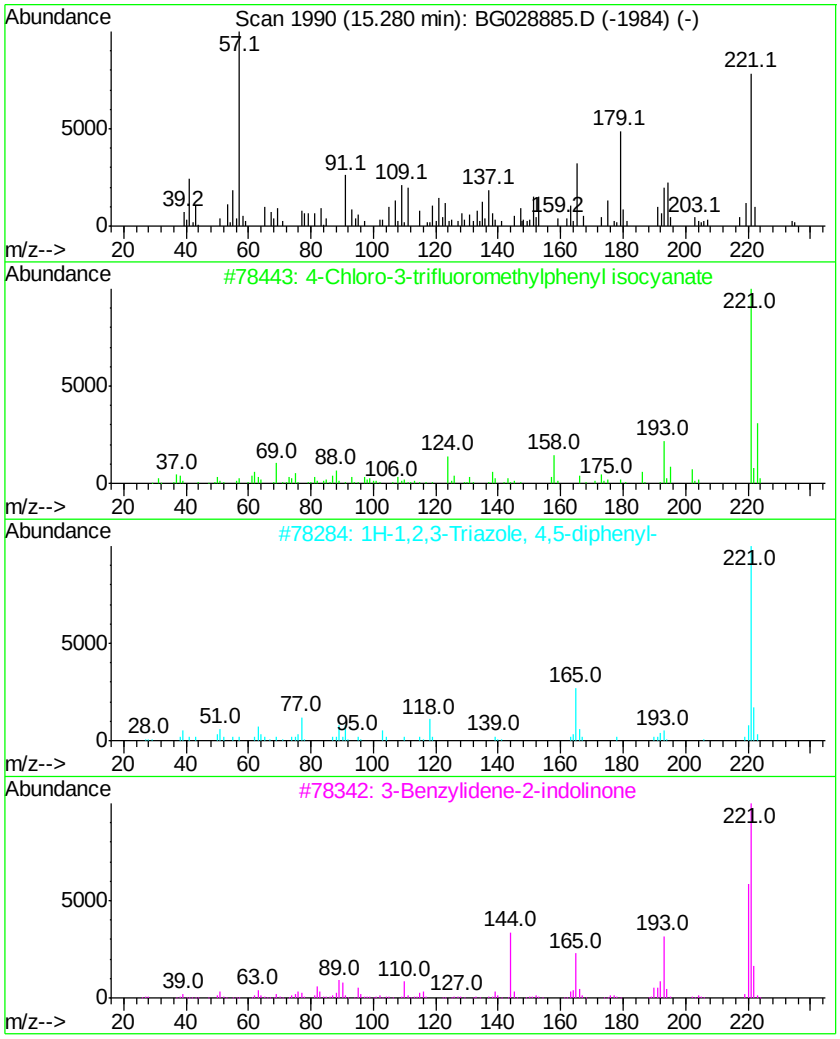
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

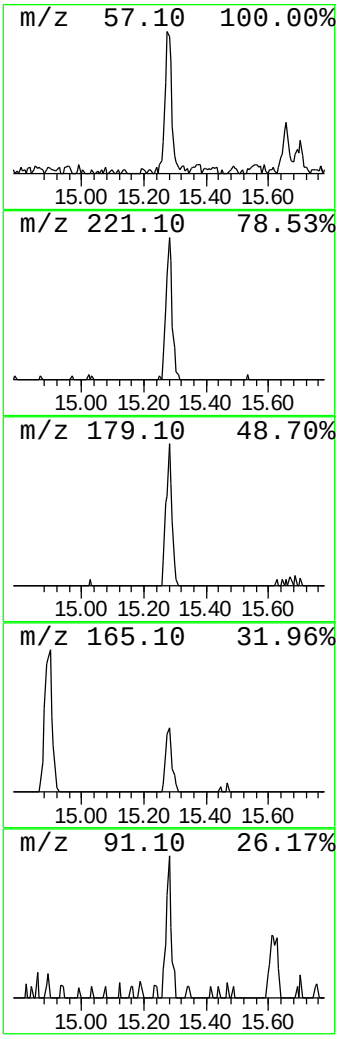
****

Peak Number 5 unknown15.28 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	6.25 ng	106954	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-trifluoromethylphenyl...	221	C8H3ClF3NO	000327-78-6	38
2	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	38
3	3-Benzylidene-2-indolinone	221	C15H11NO	003359-49-7	38
4	2-(Trifluoromethyl)-7H-1,3,4-thi...	221	C6H2F3N3OS	094605-13-7	38
5	5H-Pyrano[2,3,4,5-lmn]phenanthri...	221	C14H7NO2	004733-28-2	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

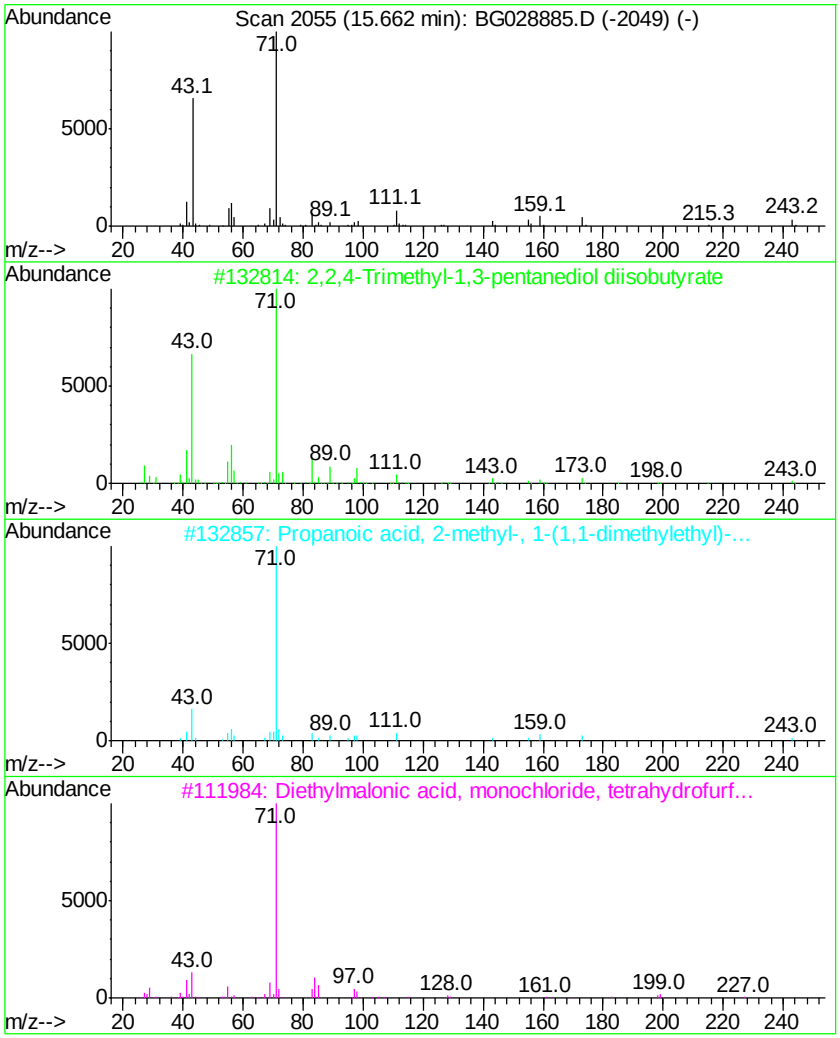
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

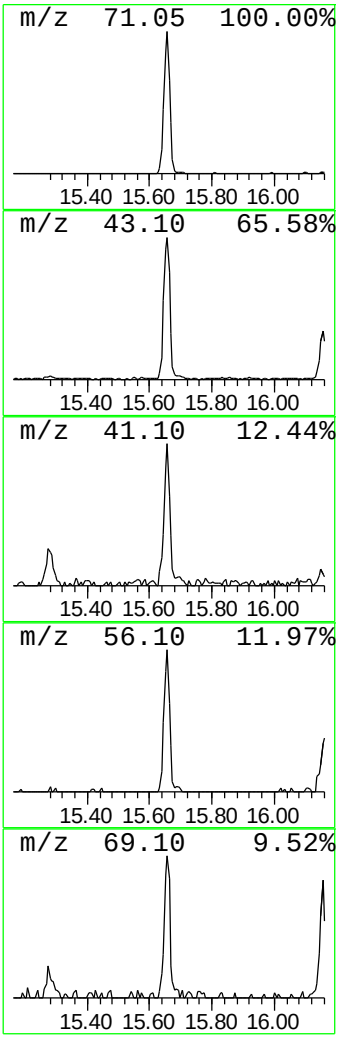
****

Peak Number 6 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	13.97 ng	239087	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
2	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	64
3	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	53
4	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	53
5	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	50





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Instrument : BNA_G
ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

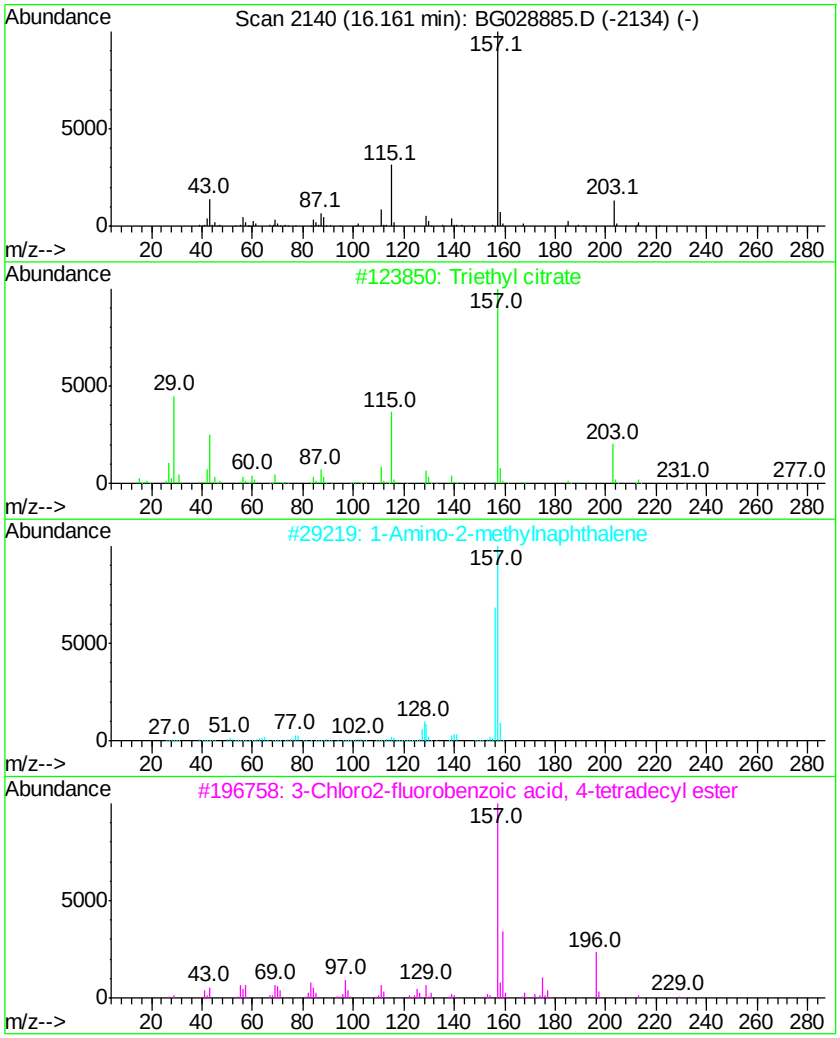
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

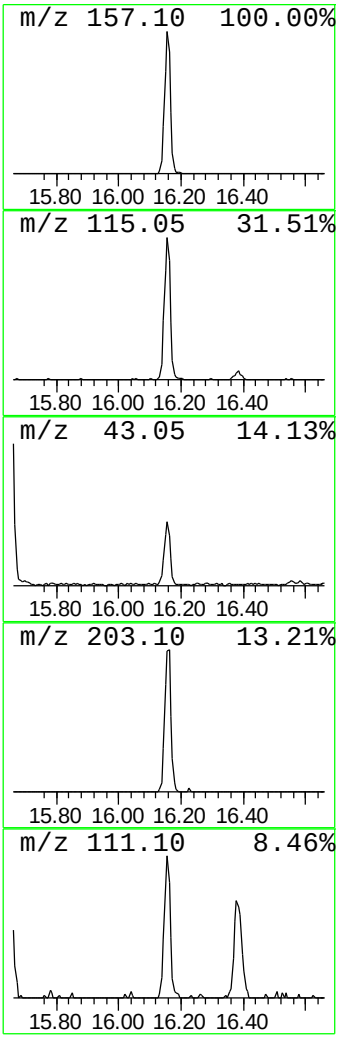
****

Peak Number 7 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	17.11 ng	292741	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	58
2	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	50
3	3-Chloro2-fluorobenzoic acid, 4-...	370	C21H32ClFO2	1000338-64-7	36
4	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-79-9	33
5	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-80-2	33





Library Search Compound Report

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ClientSampleId : 20170607-COMP-D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

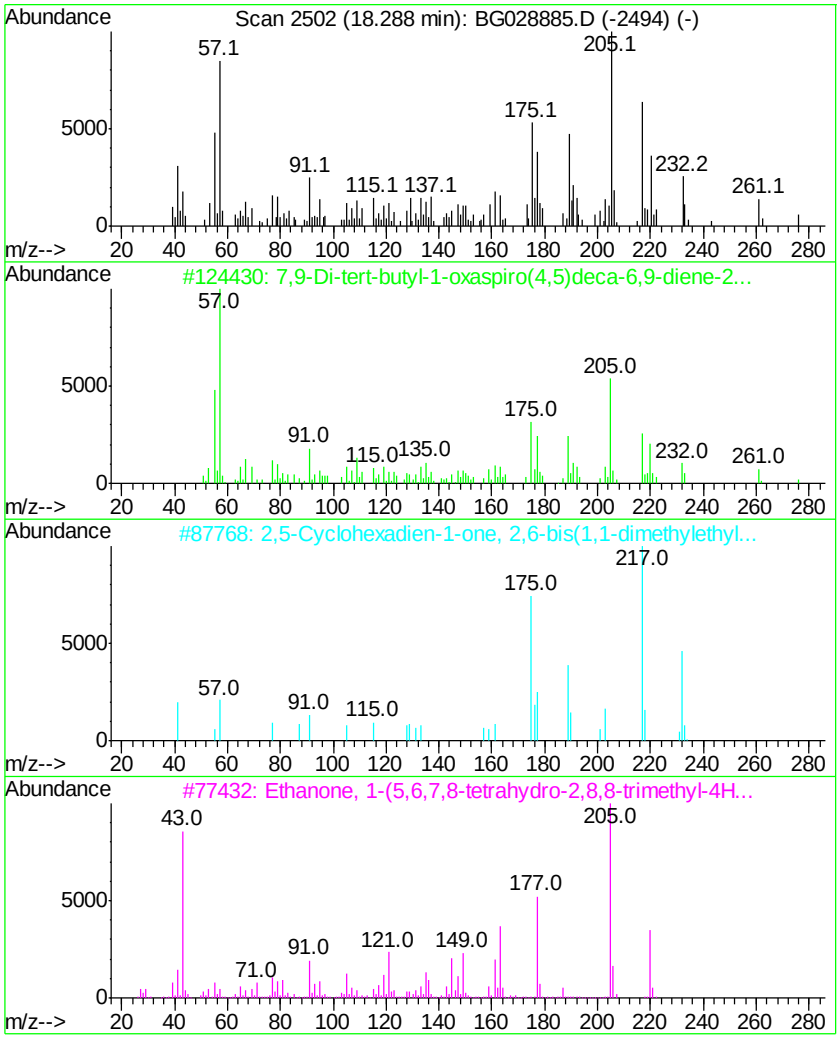
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

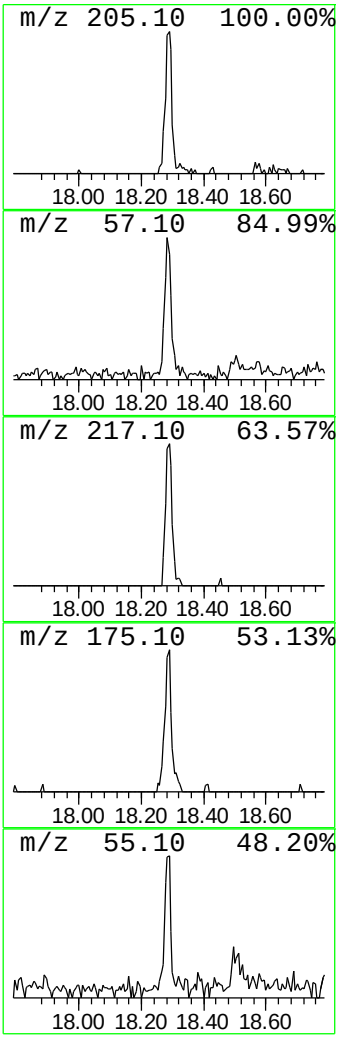
****

Peak Number 8 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	4.81 ng	139434	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	81
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	49
4	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	42
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38





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TIC Library : C:\Database\NIST11.L
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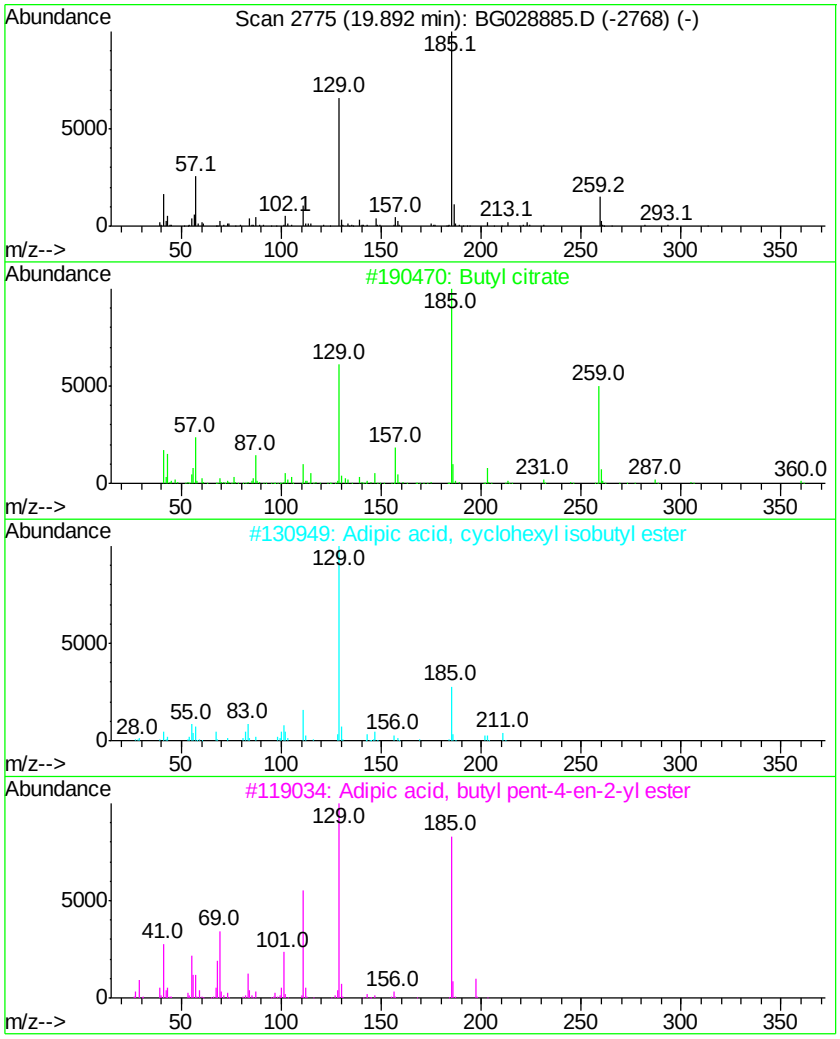
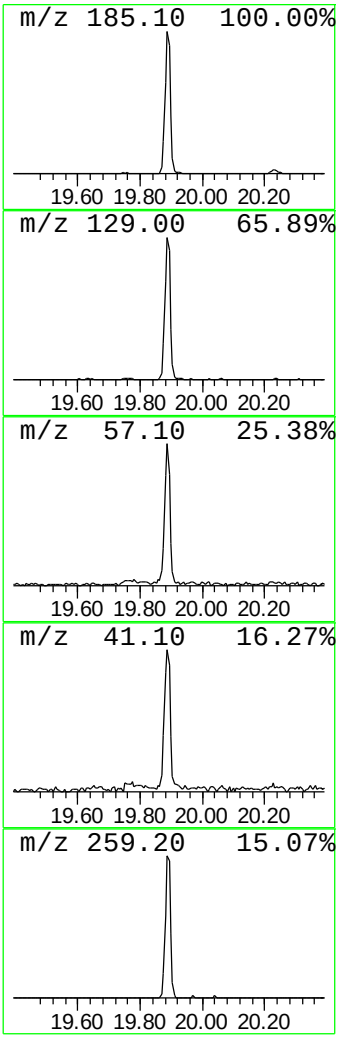
****

Peak Number 9 Butyl citrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	9.05 ng	328704	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	83
2	Adipic acid, cyclohexyl isobutyl...	284	C16H28O4	1000324-25-8	72
3	Adipic acid, butyl pent-4-en-2-y...	270	C15H26O4	1000354-11-9	64
4	Adipic acid, butyl 2-decyl ester	342	C20H38O4	1000353-59-7	56
5	Adipic acid, 3,3-dimethylbut-2-y...	286	C16H30O4	1000353-66-7	56





Tentatively Identified Compound (LSC) summary

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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
unknown5.38	5.38	5.9	ng	46964	1	8.28	160035	20.0
unknown7.81	7.81	93.1	ng	744826	1	8.28	160035	20.0
9H-Fluorene, 1-me...	14.40	2.1	ng	36389	3	14.89	342184	20.0
unknown15.28	15.28	6.3	ng	106954	3	14.89	342184	20.0
2,2,4-Trimethyl-1...	15.66	14.0	ng	239087	3	14.89	342184	20.0
Triethyl citrate	16.16	17.1	ng	292741	3	14.89	342184	20.0
7,9-Di-tert-butyl...	18.29	4.8	ng	139434	4	17.64	579987	20.0
Butyl citrate	19.89	9.1	ng	328704	5	21.96	726288	20.0