LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045407.D
Acq On : 15 May 2020 21:56
Operator : CG/JU
Sample : L2668-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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-BG051520.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	3.123	3	6	18	rVB	288937	441323	10.27%	2.465%
2	5.537	409	417	429	rBV	234952	408061	9.50%	2.279%
3	7.135	682	689	698	rBV	158839	283557	6.60%	1.584%
4	7.969	823	831	837	rBV	181250	324222	7.54%	1.811%
5	8.292	878	886	893	rBV	508410	915880	21.31%	5.115%
6	9.126	1021	1028	1039	rBV	416808	786240	18.30%	4.391%
7	9.297	1052	1057	1066	rBV3	24387	44406	1.03%	0.248%
8	10.554	1264	1271	1280	rBV3	40763	79289	1.85%	0.443%
9	10.771	1301	1308	1315	rBV	238897	454127	10.57%	2.536%
10	13.232	1718	1727	1735	rBV	1326689	2115014	49.22%	11.812%
11	14.055	1861	1867	1875	rBV	152837	230688	5.37%	1.288%
12	14.607	1952	1961	1973	rBV	424178	696579	16.21%	3.890%
13	15.347	2082	2087	2093	rVB	81097	113201	2.63%	0.632%
14	15.905	2173	2182	2187	rBV	179269	257060	5.98%	1.436%
15	15.964	2187	2192	2199	rVB2	29210	49970	1.16%	0.279%
16	16.099	2208	2215	2223	rBV	1249275	1981835	46.12%	11.068%
17	17.356	2422	2429	2437	rBV	609773	928960	21.62%	5.188%
18	18.255	2576	2582	2589	rBV2	52288	87475	2.04%	0.489%
19	19.976	2868	2875	2883	rBV	3167809	4297492	100.00%	24.000%
20	21.280	3093	3097	3107	rBV2	186053	327418	7.62%	1.829%
21	21.615	3148	3154	3161	rBV2	671973	1114266	25.93%	6.223%
22	21.827	3186	3190	3193	rVB5	31470	44171	1.03%	0.247%
23	22.426	3286	3292	3296	rBV2	46228	84808	1.97%	0.474%
24	23.078	3397	3403	3404	rBV5	36140	58840	1.37%	0.329%
25	23.101	3405	3407	3415	rVB3	55394	92315	2.15%	0.516%
26	23.295	3435	3440	3448	rVB5	24503	57336	1.33%	0.320%
27	23.900	3537	3543	3551	rBV4	46681	104591	2.43%	0.584%
28	24.776	3682	3692	3710	rVB	411740	1315951	30.62%	7.349%
29	25.945	3885	3891	3896	rVB5	22529	52912	1.23%	0.295%
30	26.080	3905	3914	3925	rBV5	19404	72588	1.69%	0.405%
31	28.923	4389	4398	4400	rBV9	39669	85661	1.99%	0.478%

Sum of corrected areas: 17906236

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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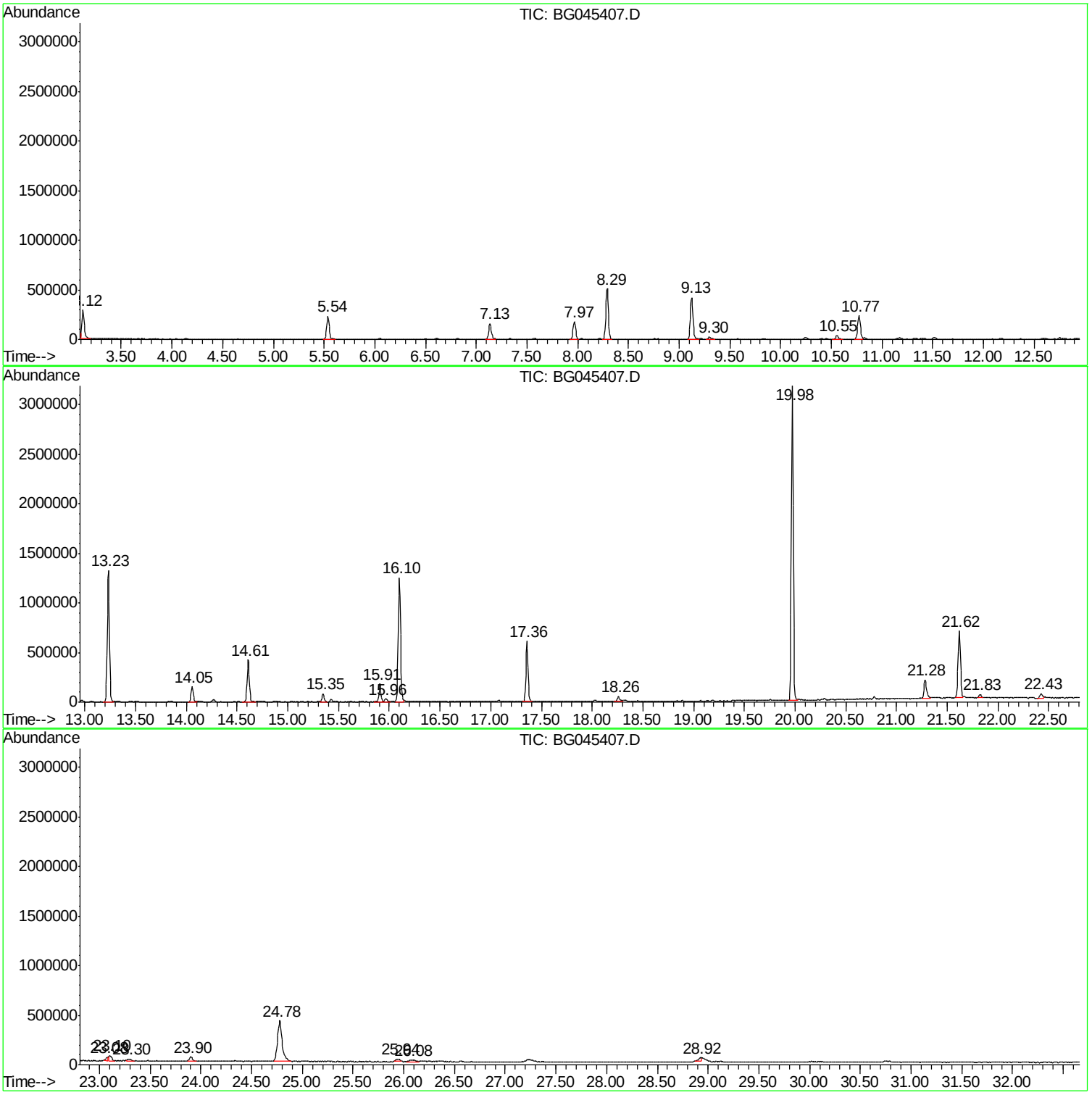
Acq On : 15 May 2020 21:56
Operator : CG/JU
Sample : L2668-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

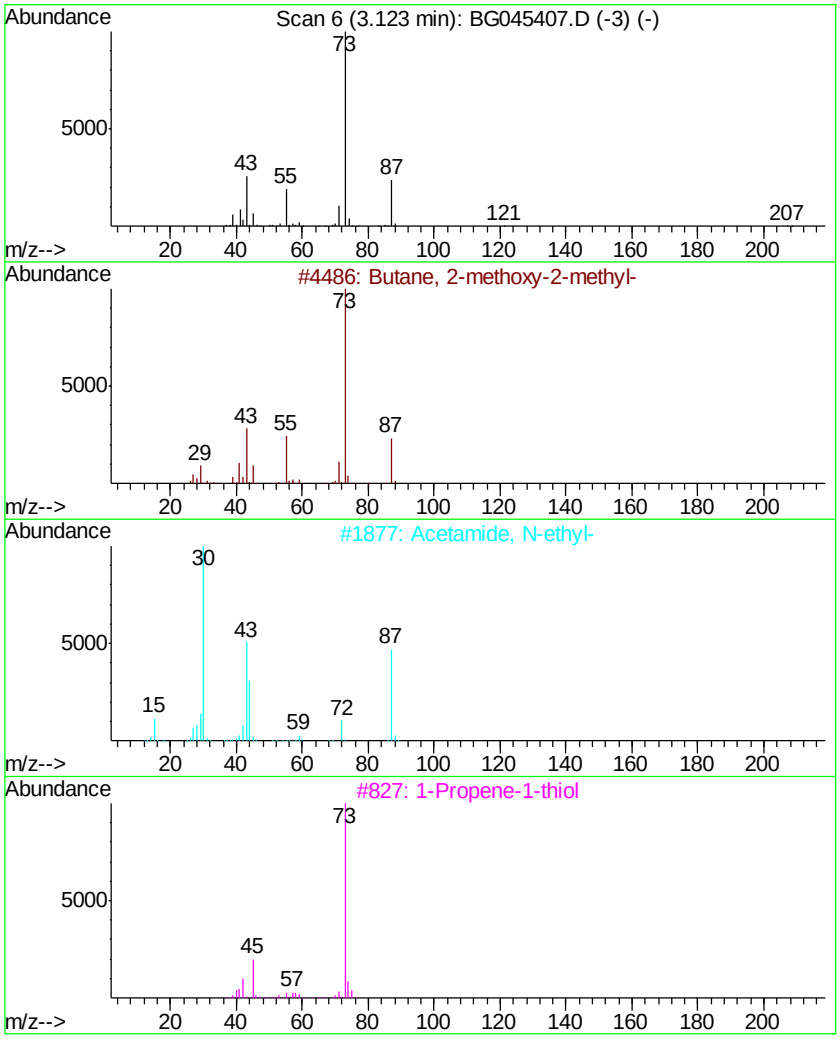
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

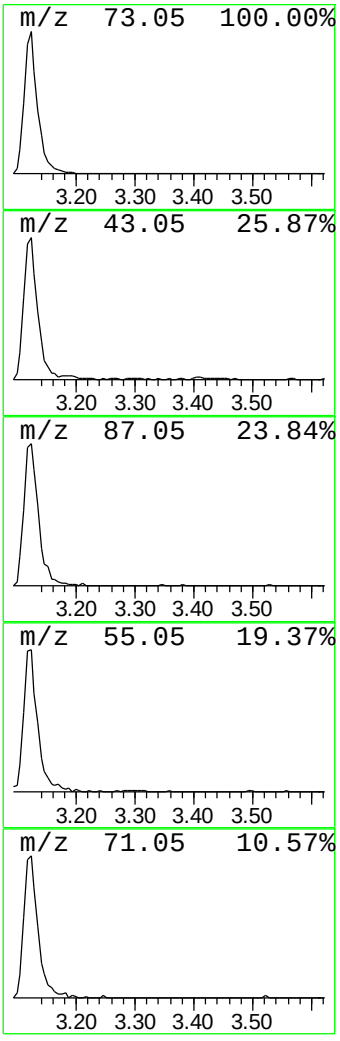
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	27.22 ng	441323	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Data File : BG045407.D
Acq On : 15 May 2020 21:56
Operator : CG/JU
Sample : L2668-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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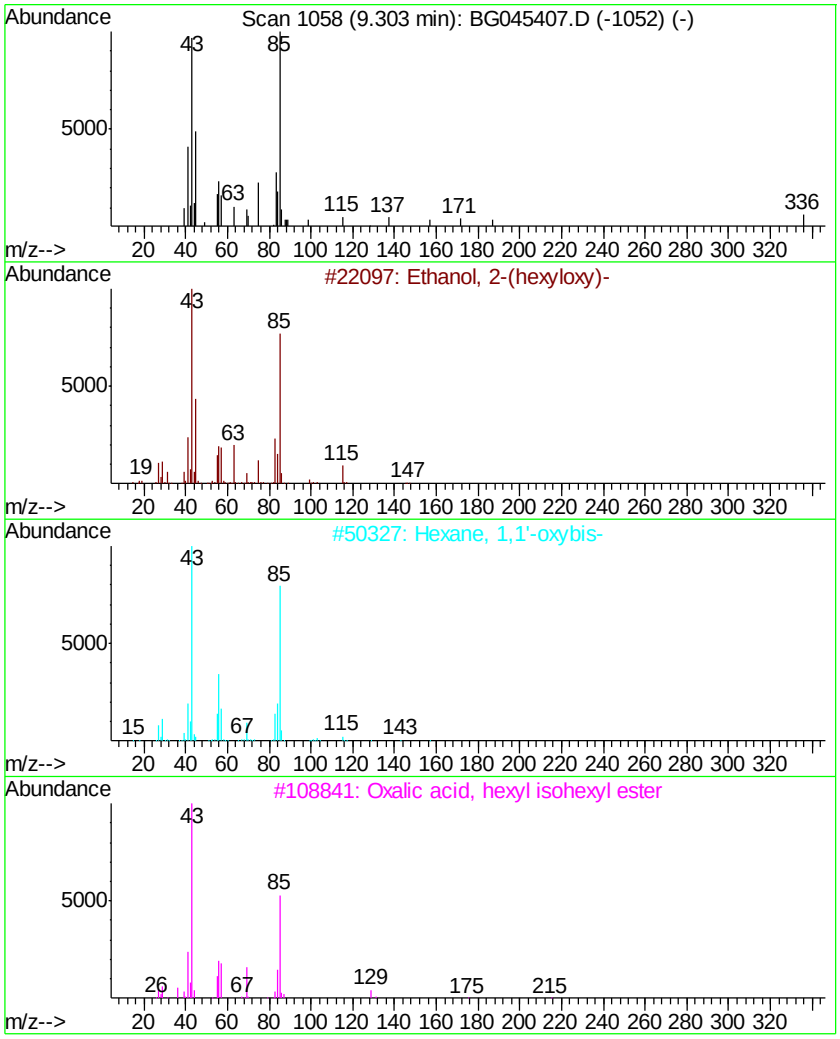
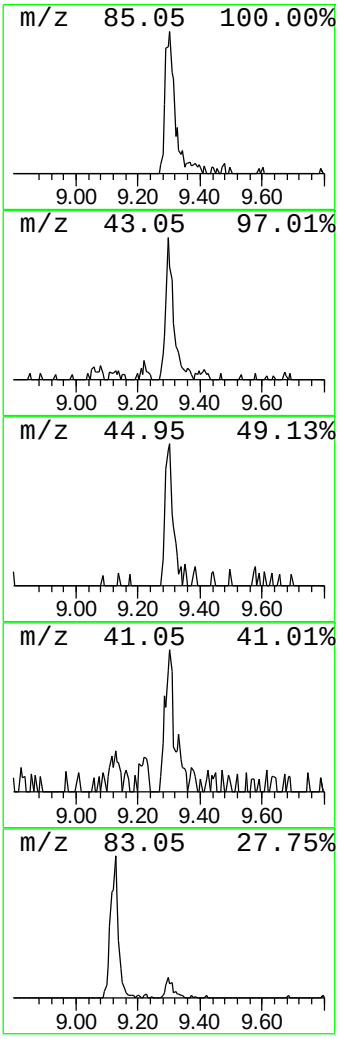
Peak Number 3 Ethanol, 2-(hexyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.74 ng	44406	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	56
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	43
3	Oxalic acid, hexyl isohexyl ester	258	C14H26O4	1000309-33-0	38
4	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	38
5	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	35





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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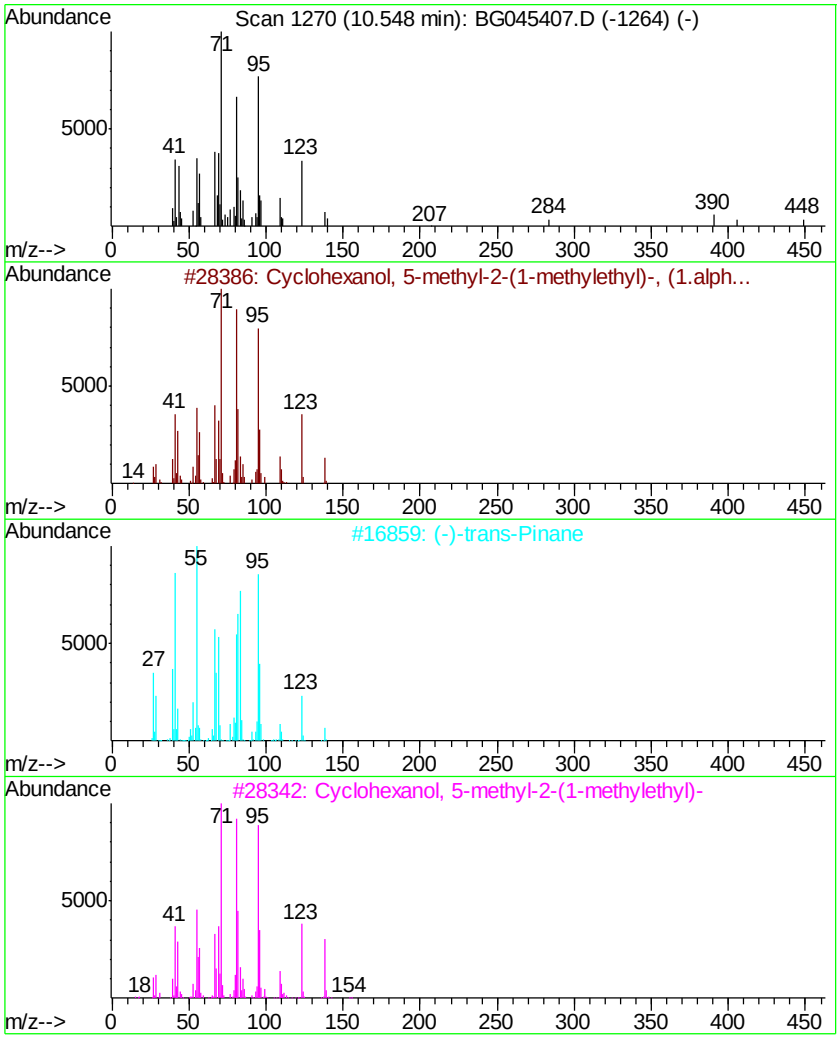
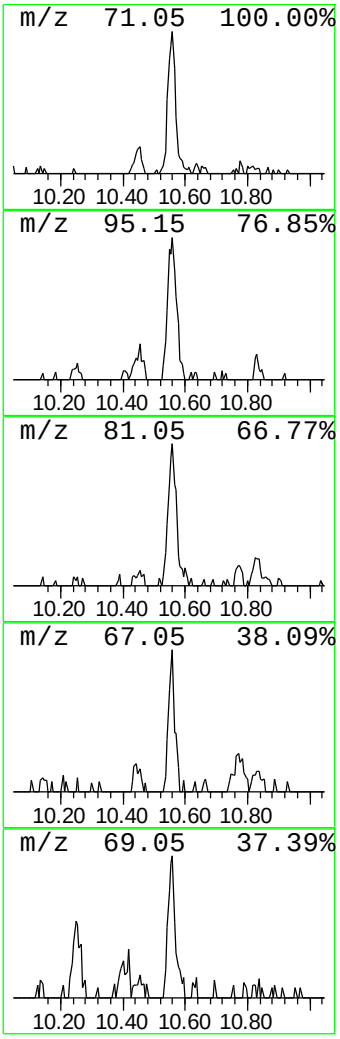
Peak Number 4 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.49 ng	79289	Naphthalene-d8	10.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	86
2	(-)-trans-Pinane	138	C10H18	033626-25-4	64
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	59
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	58
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	50





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Sample : L2668-01
Misc :
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Instrument : BNA_G
ClientSampleId : MW-1

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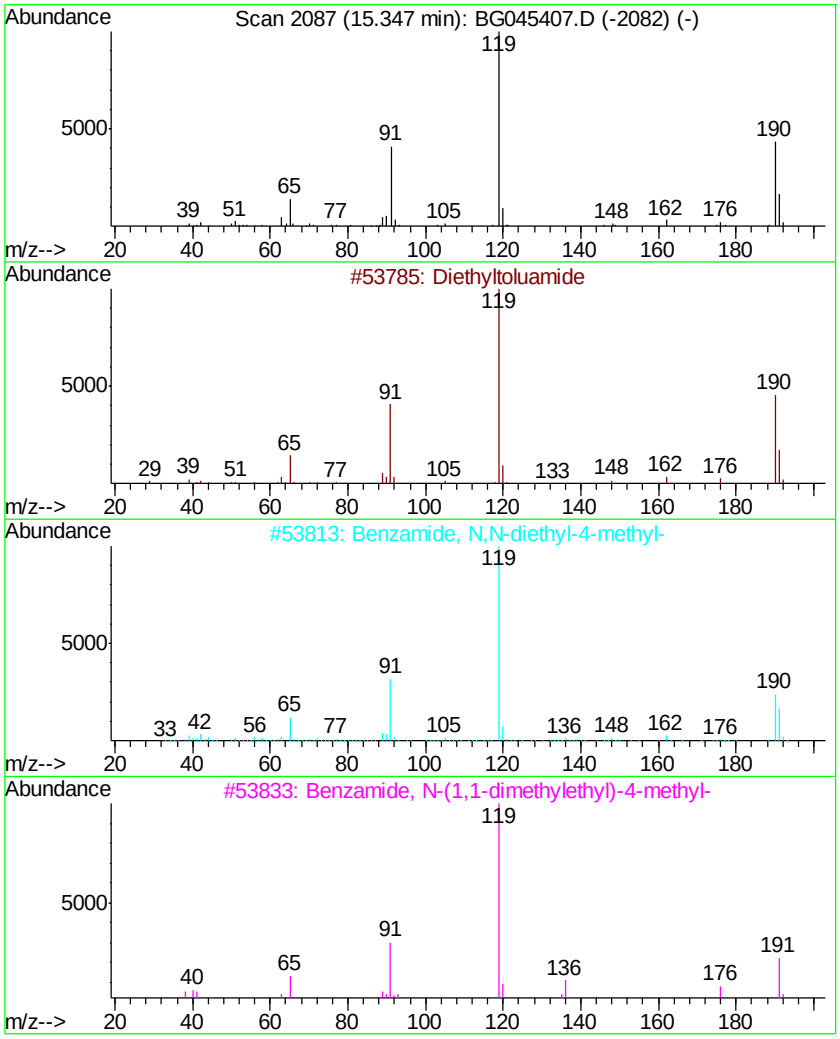
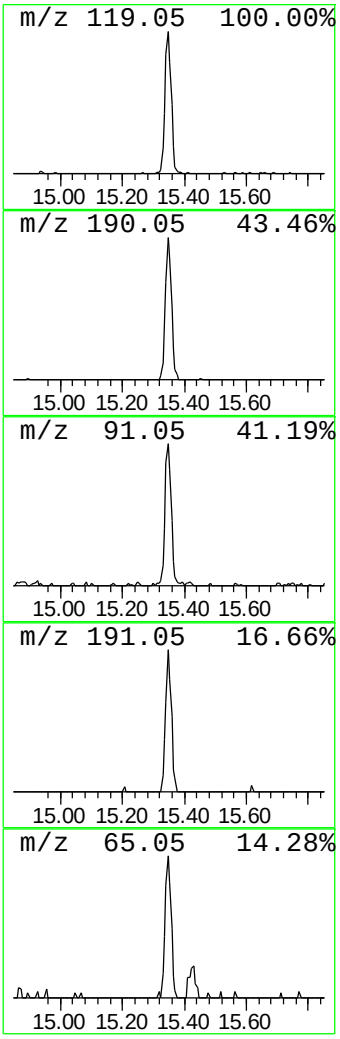
Peak Number 5 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.25 ng	113201	Acenaphthene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	68
4	l-Valine, N-(p-toluoyl)-, methyl...	249	C14H19NO3	1000299-64-7	64
5	p-Toluic acid, 2-bromo-4-fluorop...	308	C14H10BrFO2	1000292-64-4	53





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Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

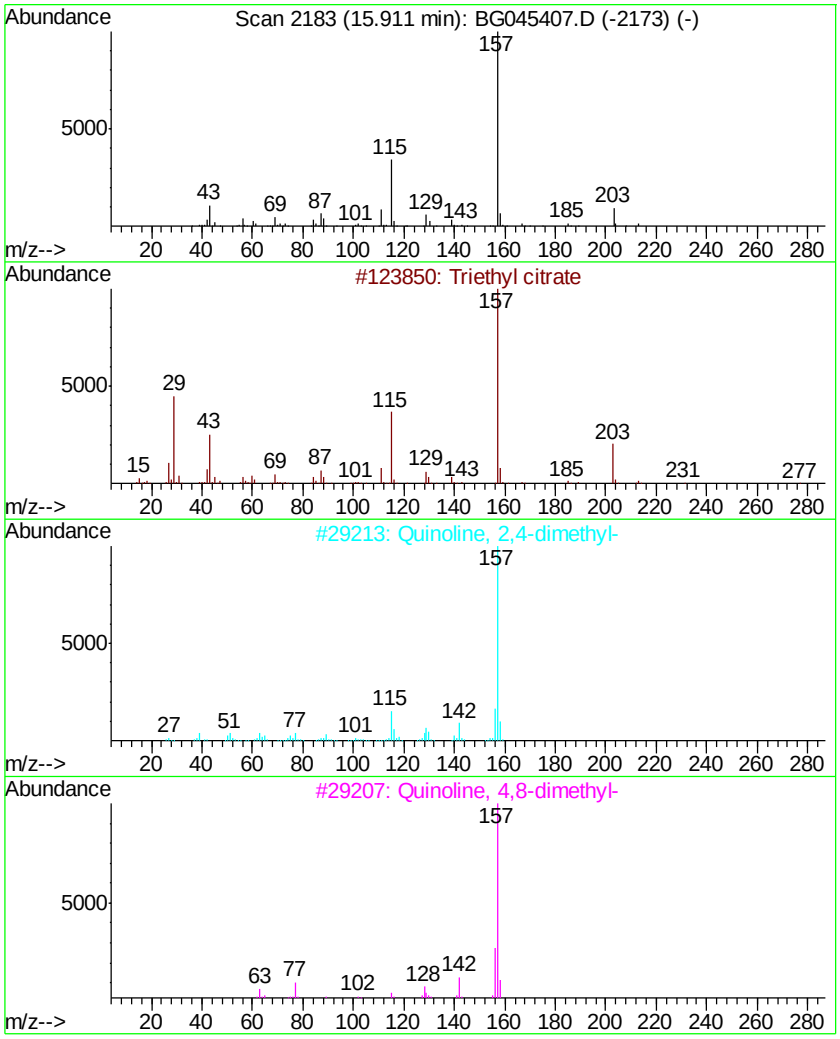
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

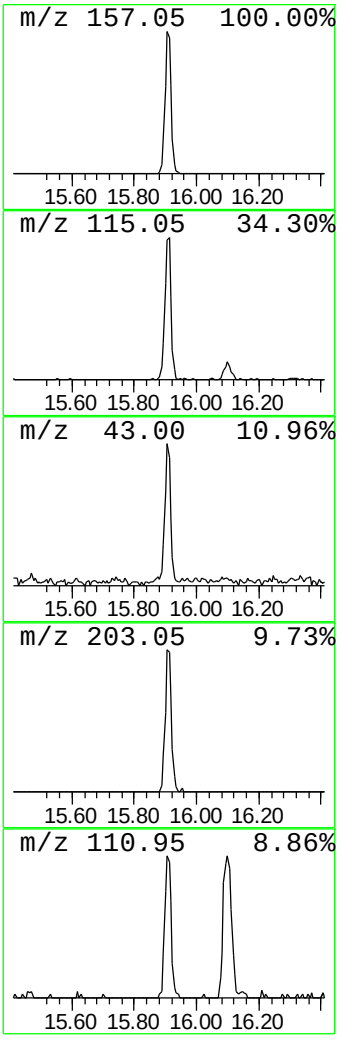
****

Peak Number 6 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	7.38 ng	257060	Acenaphthene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	87
2	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	42
3	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	40
4	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-80-2	33
5	3-Chloro2-fluorobenzoic acid, 4-...	384	C22H34ClFO2	1000338-65-1	33





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Instrument : BNA_G
ClientSampleId : MW-1

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TIC Library : C:\Database\NIST11.L
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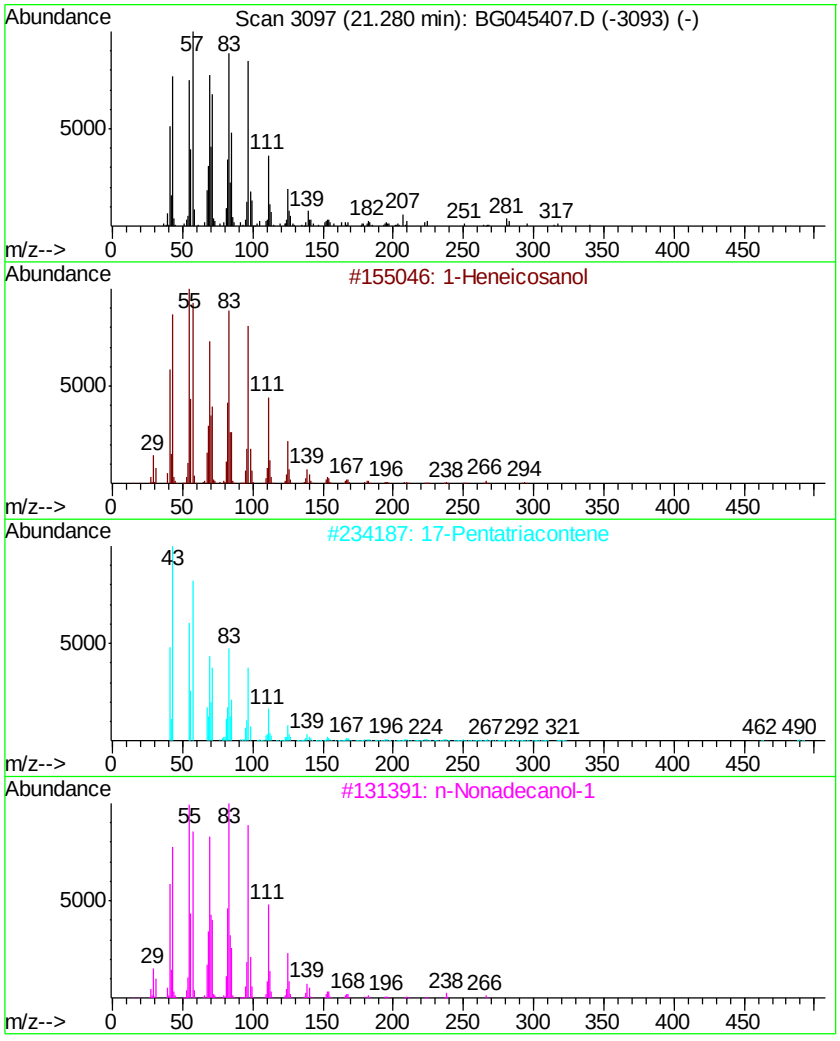
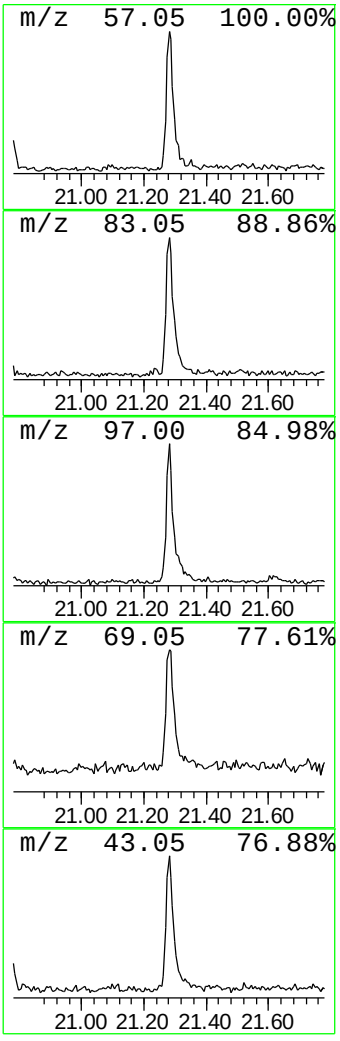
Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	5.88 ng	327418	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4	Cetene	224	C16H32	000629-73-2	83
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	81





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
Butane, 2-methoxy...	3.12	27.2	ng	441323	1	7.97	324222	20.0
Ethanol, 2-(hexyl...	9.30	2.7	ng	44406	1	7.97	324222	20.0
Cyclohexanol, 5-m...	10.55	3.5	ng	79289	2	10.77	454127	20.0
Diethyltoluamide	15.35	3.3	ng	113201	3	14.61	696579	20.0
Triethyl citrate	15.91	7.4	ng	257060	3	14.61	696579	20.0
1-Heneicosanol	21.28	5.9	ng	327418	5	21.62	1114270	20.0