LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023297.D
Acq On : 28 Jul 2016 00:21
Operator : UM/SJ
Sample : H4185-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

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-BG072616.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	3.004	23	28	46	rVB	5098793	8648532	70.72%	10.934%
2	4.584	290	297	311	rBV	4235508	6513485	53.26%	8.235%
3	5.195	394	401	413	rBV	3264582	5178473	42.34%	6.547%
4	5.671	476	482	492	rBV	958729	1595281	13.04%	2.017%
5	6.288	577	587	596	rBV	761042	1194596	9.77%	1.510%
6	7.287	751	757	770	rVB	648368	1182302	9.67%	1.495%
7	7.663	813	821	828	rBV	1822631	3115873	25.48%	3.939%
8	8.133	895	901	909	rVB	648173	1127954	9.22%	1.426%
9	8.462	949	957	971	rVB	2445589	4319861	35.32%	5.461%
10	9.313	1093	1102	1112	rBV	2143701	3876939	31.70%	4.902%
11	10.970	1378	1384	1391	rBV	922429	1661387	13.58%	2.100%
12	13.420	1792	1801	1811	rBV	5433263	8930571	73.02%	11.291%
13	14.248	1936	1942	1948	rVB	466616	657996	5.38%	0.832%
14	14.806	2030	2037	2044	rBV2	1504560	2490517	20.36%	3.149%
15	16.304	2285	2292	2303	rBV	2838699	4427518	36.20%	5.598%
16	17.567	2500	2507	2520	rBV2	2024053	3225976	26.38%	4.079%
17	19.599	2847	2853	2857	rBV2	203618	475949	3.89%	0.602%
18	20.181	2946	2952	2959	rVB	8873832	12229873	100.00%	15.462%
19	21.890	3237	3243	3257	rVB	2084440	3602395	29.46%	4.554%
20	22.948	3412	3423	3424	rBV5	212210	588520	4.81%	0.744%
21	24.393	3662	3669	3680	rBV9	148448	609147	4.98%	0.770%
22	25.298	3812	3823	3840	rBV3	1110287	3443492	28.16%	4.354%

Sum of corrected areas: 79096637

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Misc :
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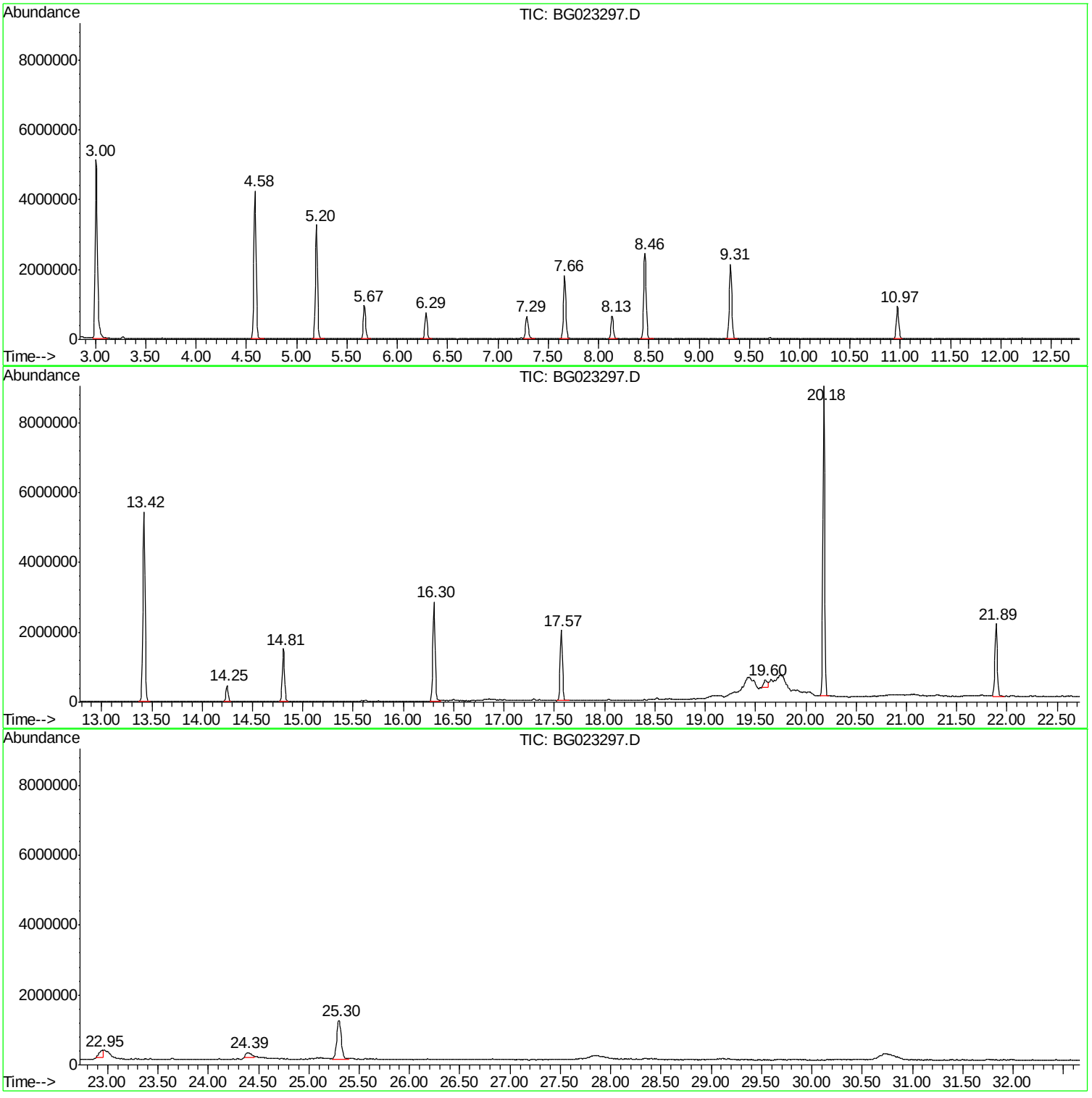
Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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\BG072716\
Data File : BG023297.D
Acq On : 28 Jul 2016 00:21
Operator : UM/SJ
Sample : H4185-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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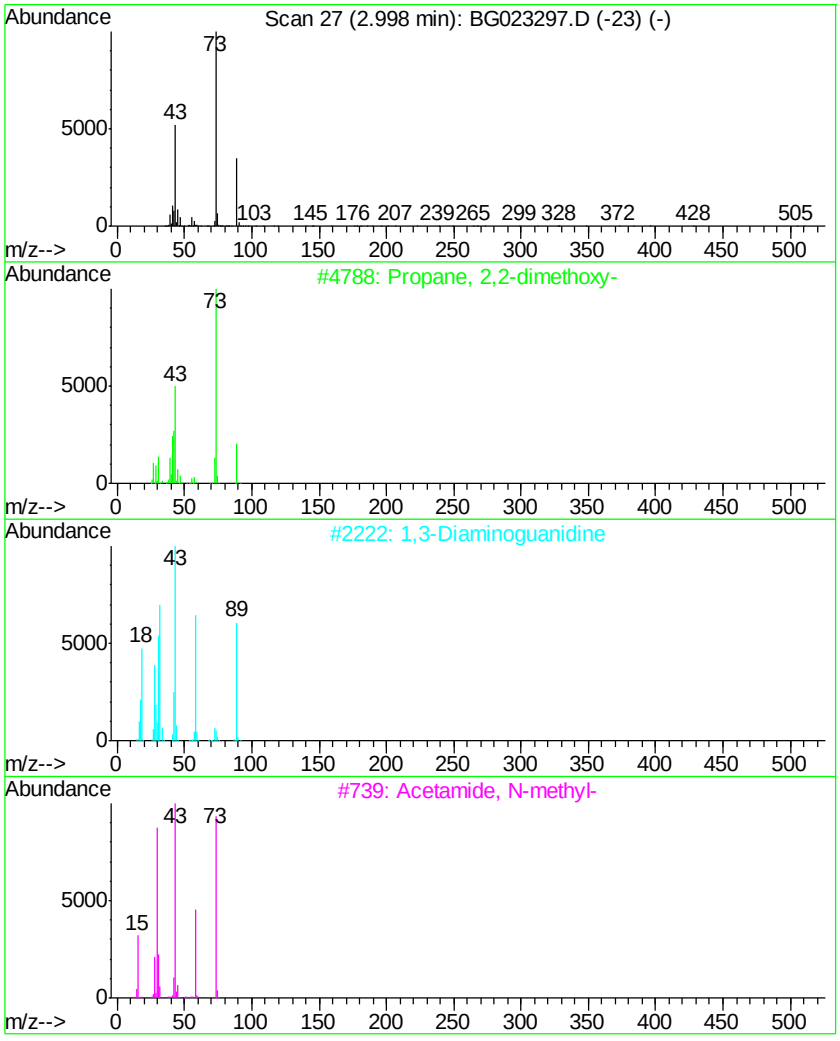
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

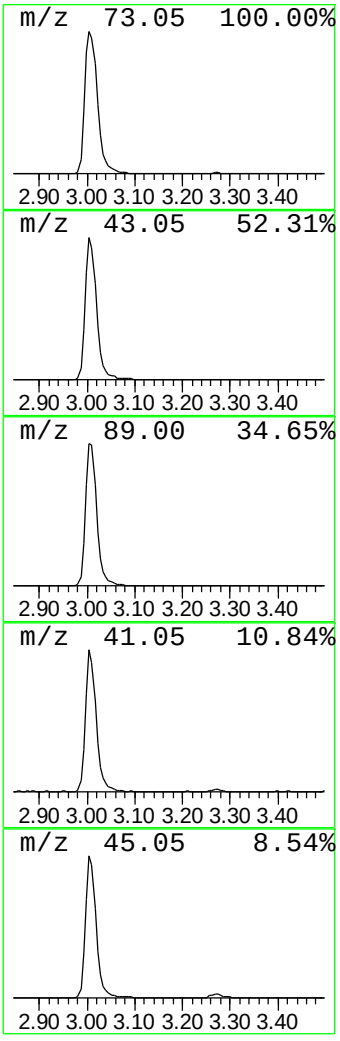
****

Peak Number 1 unknown3.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	153.35 ng	8648530	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	17
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9





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Data File : BG023297.D
Acq On : 28 Jul 2016 00:21
Operator : UM/SJ
Sample : H4185-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

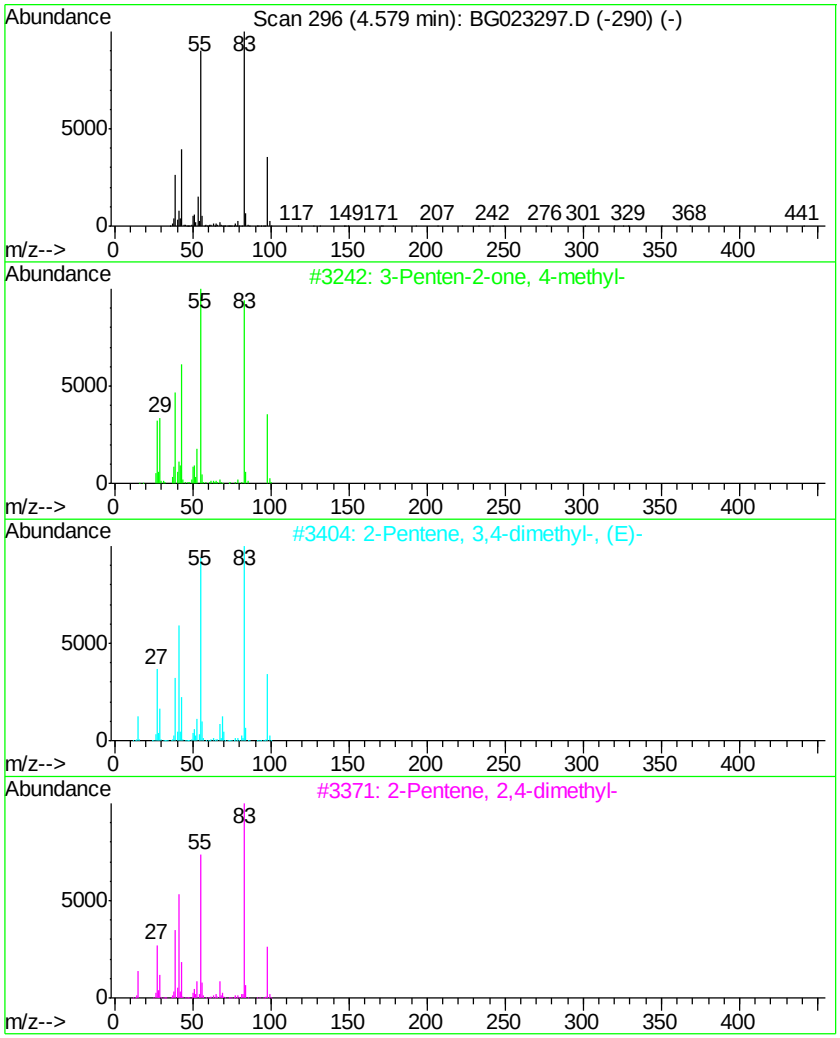
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

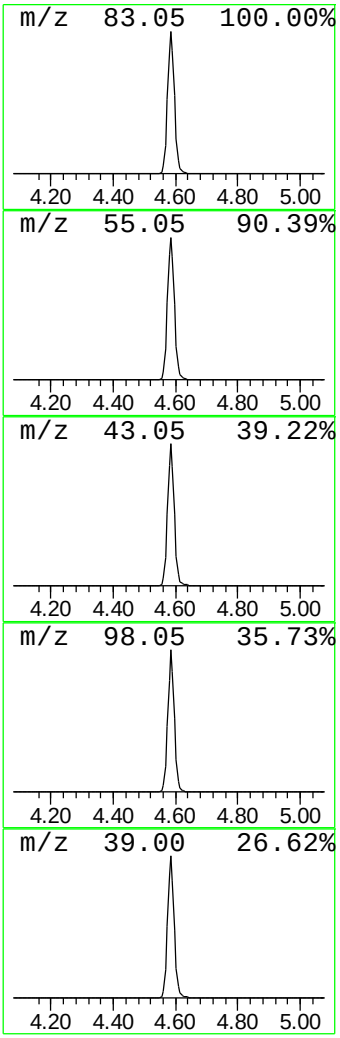
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	115.49 ng	6513490	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	3-Hexen-2-one	98	C6H10O	000763-93-9	87
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023297.D
Acq On : 28 Jul 2016 00:21
Operator : UM/SJ
Sample : H4185-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

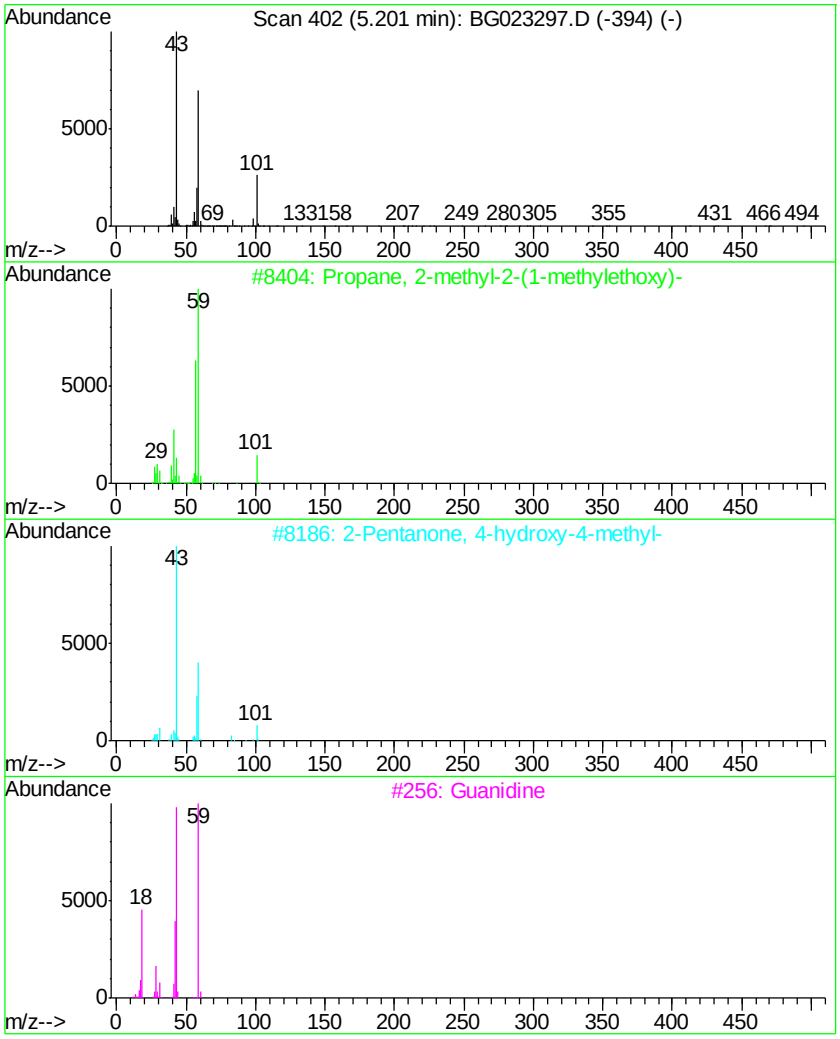
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

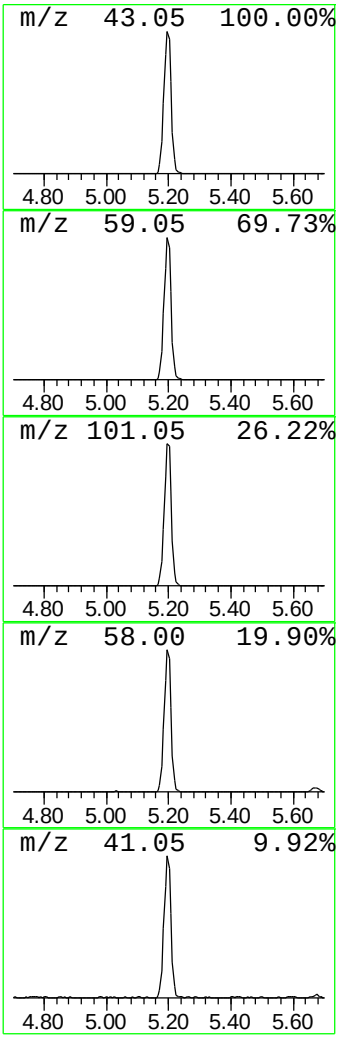
****

Peak Number 3 unknown5.20 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	91.82 ng	5178470	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3	Guanidine	59	CH5N3	000113-00-8	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16
5	Acetone	58	C3H6O	000067-64-1	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023297.D
Acq On : 28 Jul 2016 00:21
Operator : UM/SJ
Sample : H4185-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

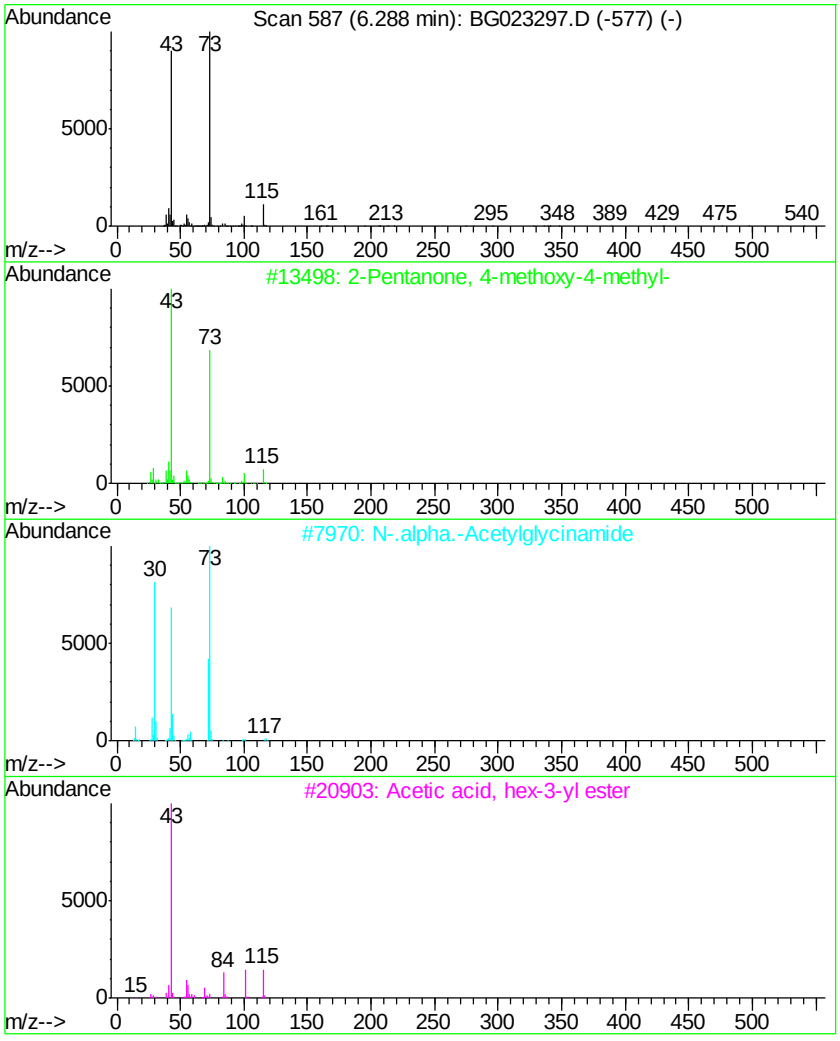
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

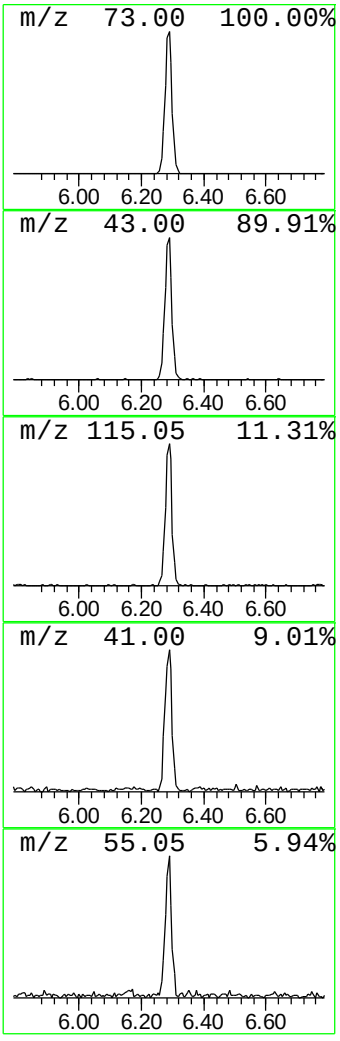
****

Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	21.18 ng	1194600	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	40
3	Acetic acid, hex-3-yl ester	144	C8H16O2	1000367-94-5	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023297.D
Acq On : 28 Jul 2016 00:21
Operator : UM/SJ
Sample : H4185-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

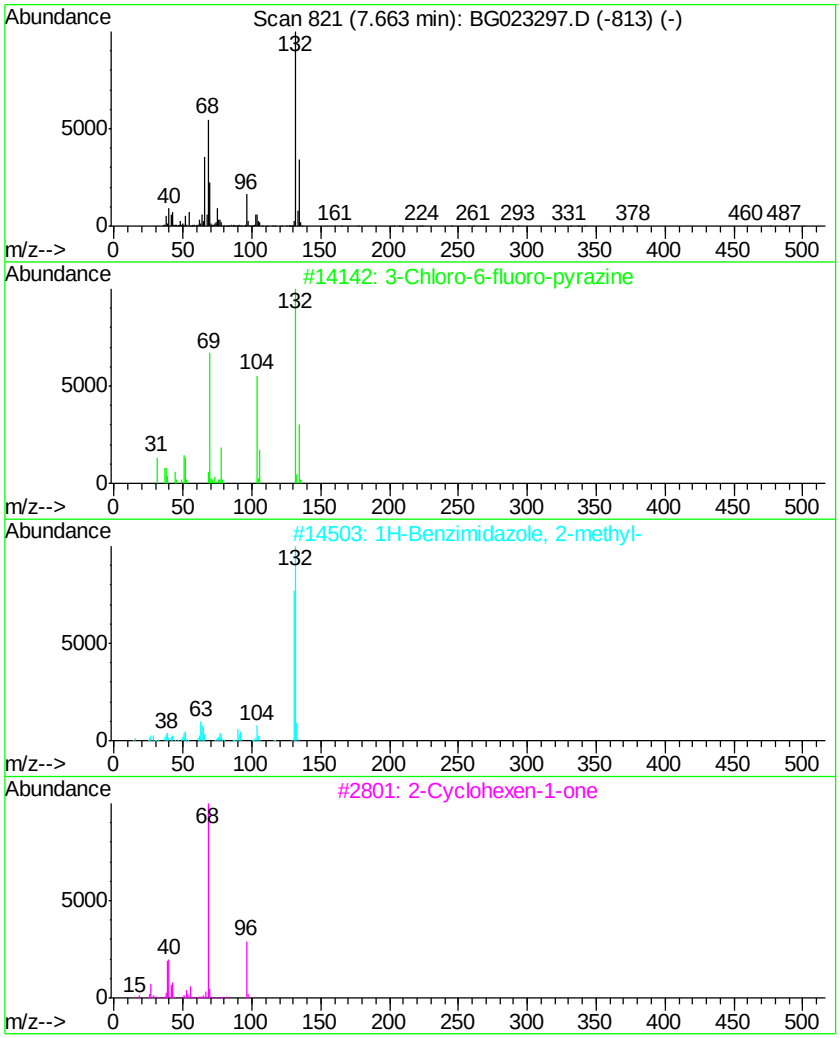
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

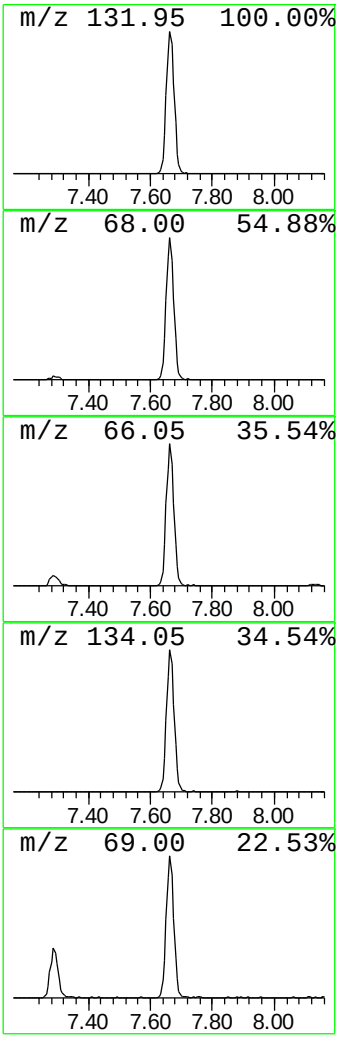
****

Peak Number 5 unknown7.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	55.25 ng	3115870	1,4-Dichlorobenzene-d4	8.13

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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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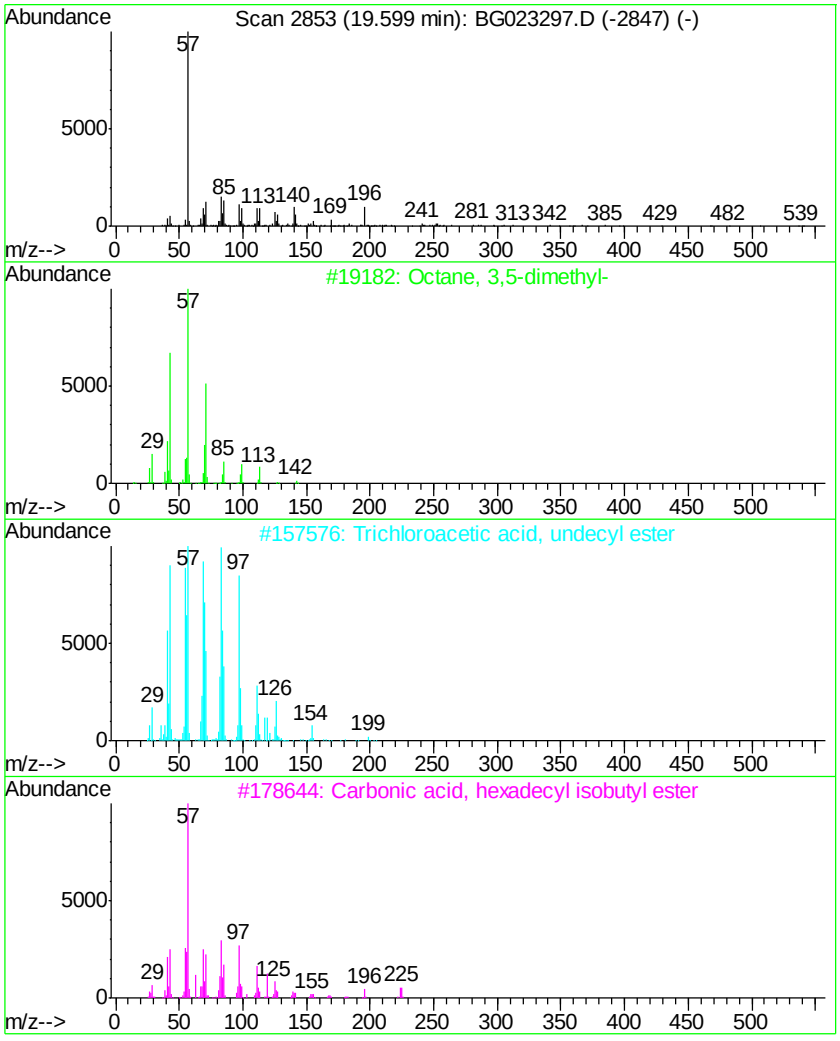
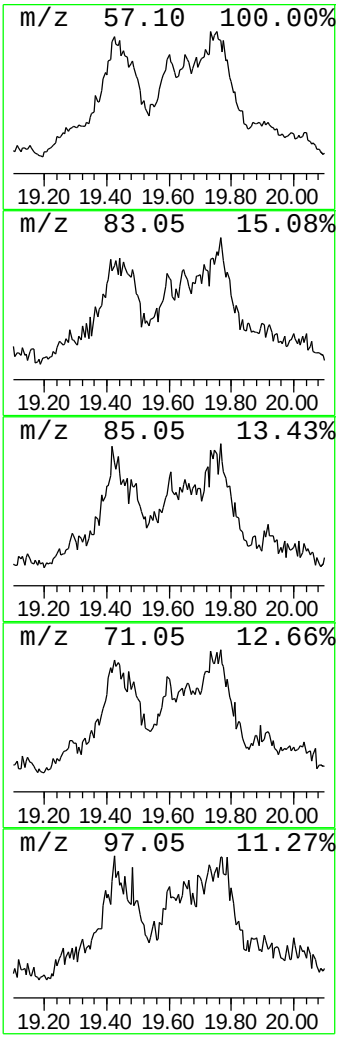
****

Peak Number 7 unknown19.60 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.95 ng	475949	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
2	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	38
3	Carbonic acid, hexadecyl isobutyl...	342	C21H42O3	1000314-61-3	38
4	Hexatriacontane	507	C36H74	000630-06-8	35
5	Tetratetracontane	619	C44H90	007098-22-8	35





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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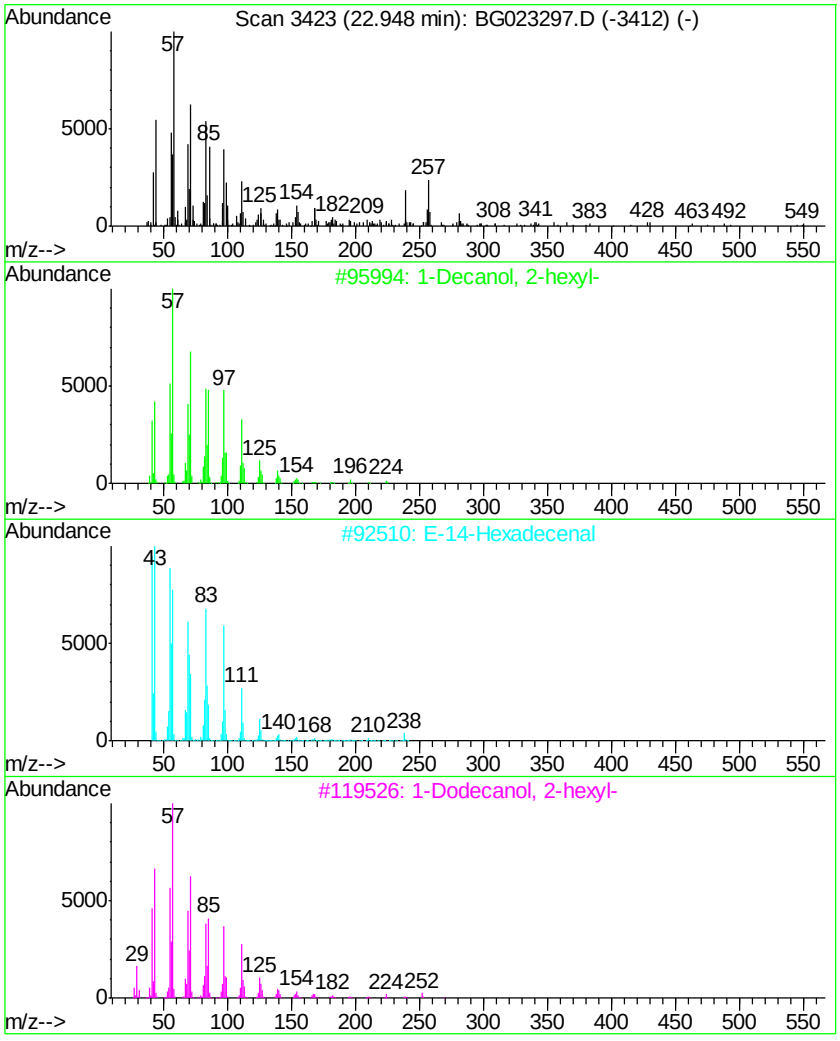
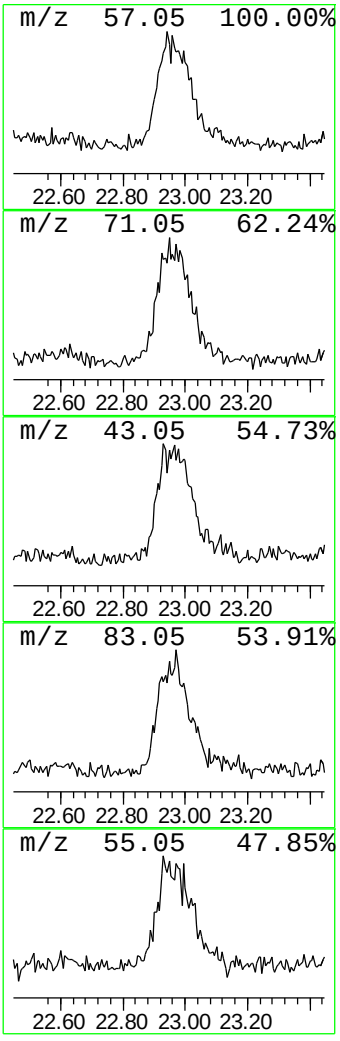
Peak Number 8 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	3.27 ng	588520	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	64
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	49
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	49





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

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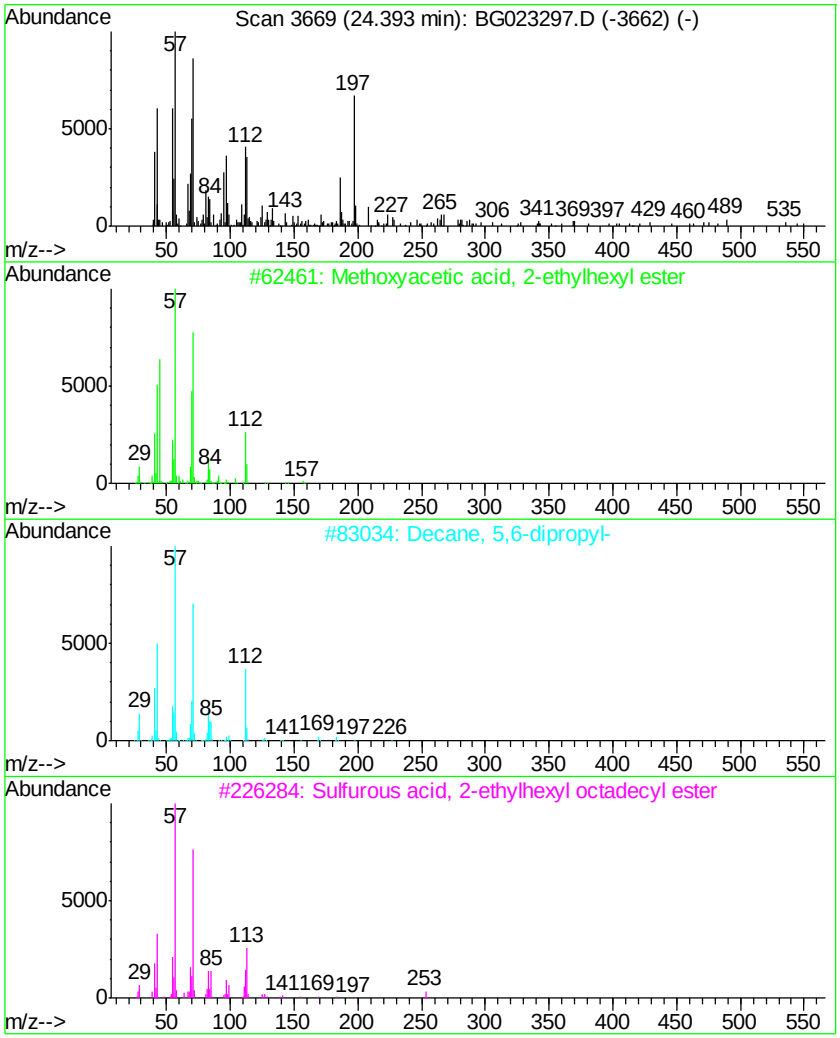
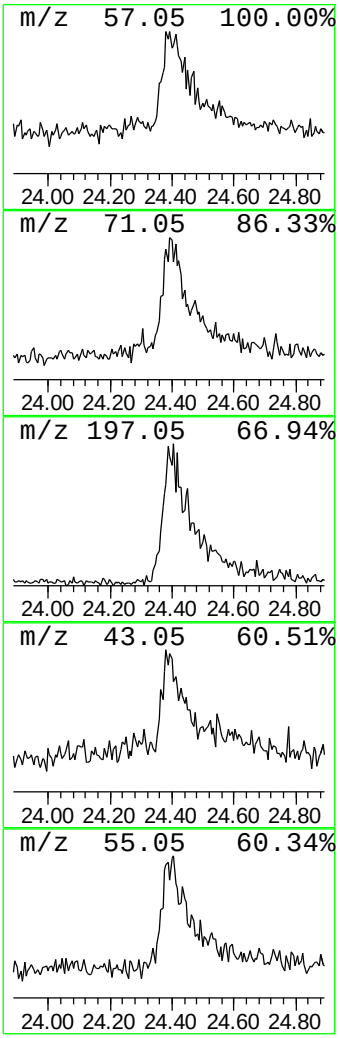
Peak Number 9 unknown24.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	3.54 ng	609147	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	43
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43
3	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	27
4	1-Decene, 3,3,4-trimethyl-	182	C13H26	049622-17-5	27
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	27





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
unknown3.00	3.00	153.3	ng	8648530	1	8.13	1127950	20.0
3-Penten-2-one, 4...	4.58	115.5	ng	6513490	1	8.13	1127950	20.0
unknown5.20	5.20	91.8	ng	5178470	1	8.13	1127950	20.0
2-Pentanone, 4-me...	6.29	21.2	ng	1194600	1	8.13	1127950	20.0
unknown7.66	7.66	55.3	ng	3115870	1	8.13	1127950	20.0
unknown19.60	19.60	3.0	ng	475949	4	17.57	3225980	20.0
1-Decanol, 2-hexyl-	22.95	3.3	ng	588520	5	21.89	3602400	20.0
unknown24.39	24.39	3.5	ng	609147	6	25.30	3443490	20.0