LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043221.D
Acq On : 15 Oct 2019 16:37
Operator : JU
Sample : K5325-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-C

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	3.154	4	11	20	rBV2	65374	166712	3.88%	0.750%
2	3.236	20	25	36	rVB	104815	186025	4.33%	0.836%
3	5.163	347	353	359	rBV2	39809	67556	1.57%	0.304%
4	5.633	426	433	449	rBV	881880	1527743	35.55%	6.869%
5	7.225	695	704	718	rBV	951901	1798043	41.85%	8.084%
6	7.590	758	766	780	rBV	972438	1741915	40.54%	7.832%
7	8.054	837	845	853	rBV	184368	325471	7.57%	1.463%
8	8.377	891	900	908	rBV	709210	1268365	29.52%	5.703%
9	9.211	1032	1042	1057	rBV	515711	1058589	24.64%	4.759%
10	10.857	1313	1322	1337	rBV	205516	434858	10.12%	1.955%
11	13.301	1730	1738	1754	rBV	1573537	2662604	61.97%	11.971%
12	14.123	1870	1878	1890	rBV	217868	359704	8.37%	1.617%
13	14.676	1964	1972	1986	rBV	399668	673126	15.67%	3.026%
14	16.162	2218	2225	2243	rBV	1385122	2365193	55.04%	10.634%
15	17.419	2433	2439	2454	rBV2	446733	801145	18.64%	3.602%
16	17.537	2454	2459	2468	rVB4	26758	47306	1.10%	0.213%
17	18.307	2586	2590	2601	rBV2	38712	85877	2.00%	0.386%
18	20.028	2877	2883	2906	rBV	2949968	4296887	100.00%	19.319%
19	21.332	3100	3105	3118	rBV2	109487	249317	5.80%	1.121%
20	21.697	3159	3167	3178	rBV	498986	958143	22.30%	4.308%
21	24.916	3704	3715	3732	rBV2	343800	1068833	24.87%	4.805%
22	26.068	3903	3911	3921	rBV10	16363	47888	1.11%	0.215%
23	31.908	4897	4905	4906	rBV8	26128	50754	1.18%	0.228%

Sum of corrected areas: 22242054

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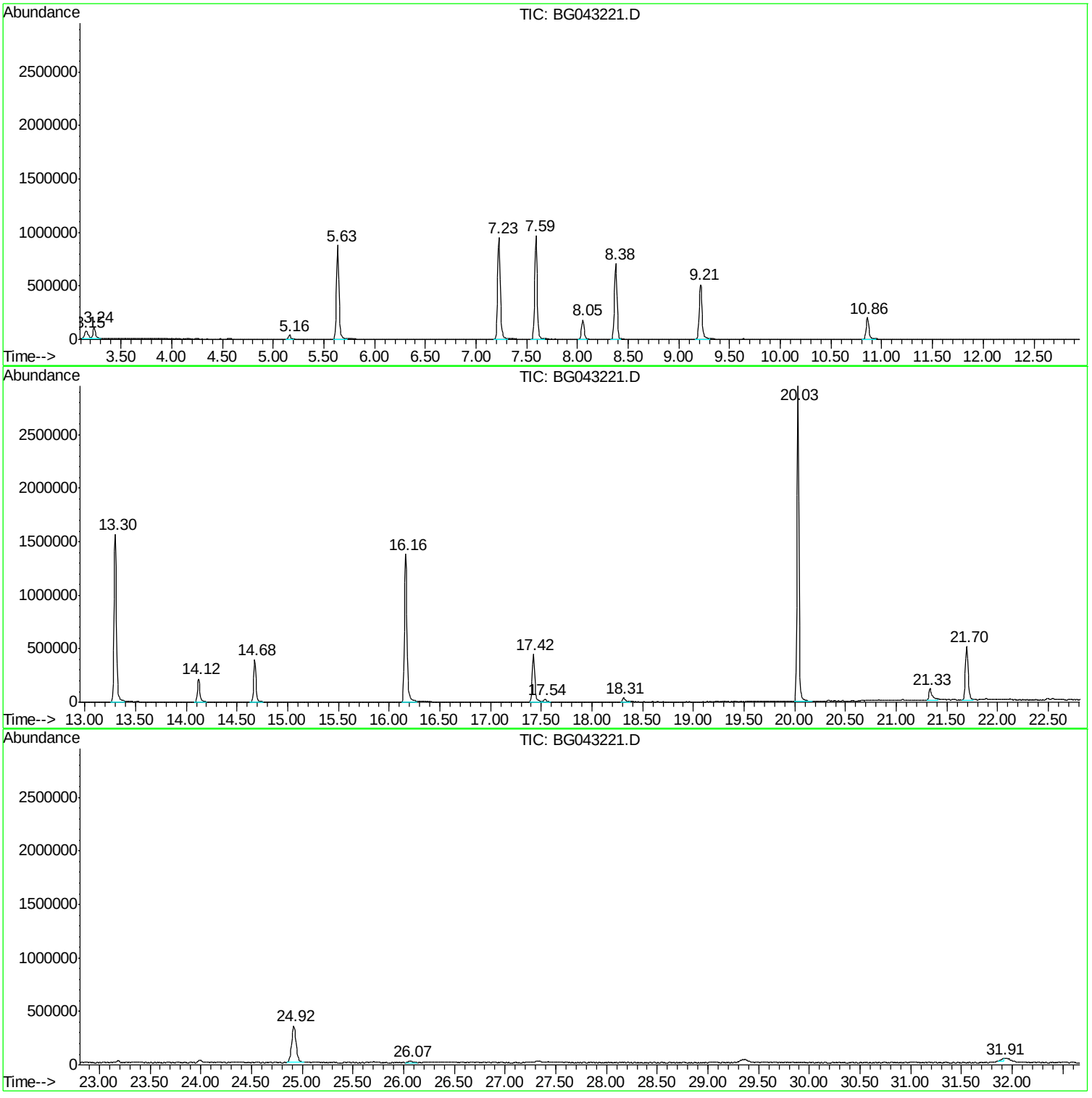
Instrument :
BNA_G
ClientSampleId :
10-10-C

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

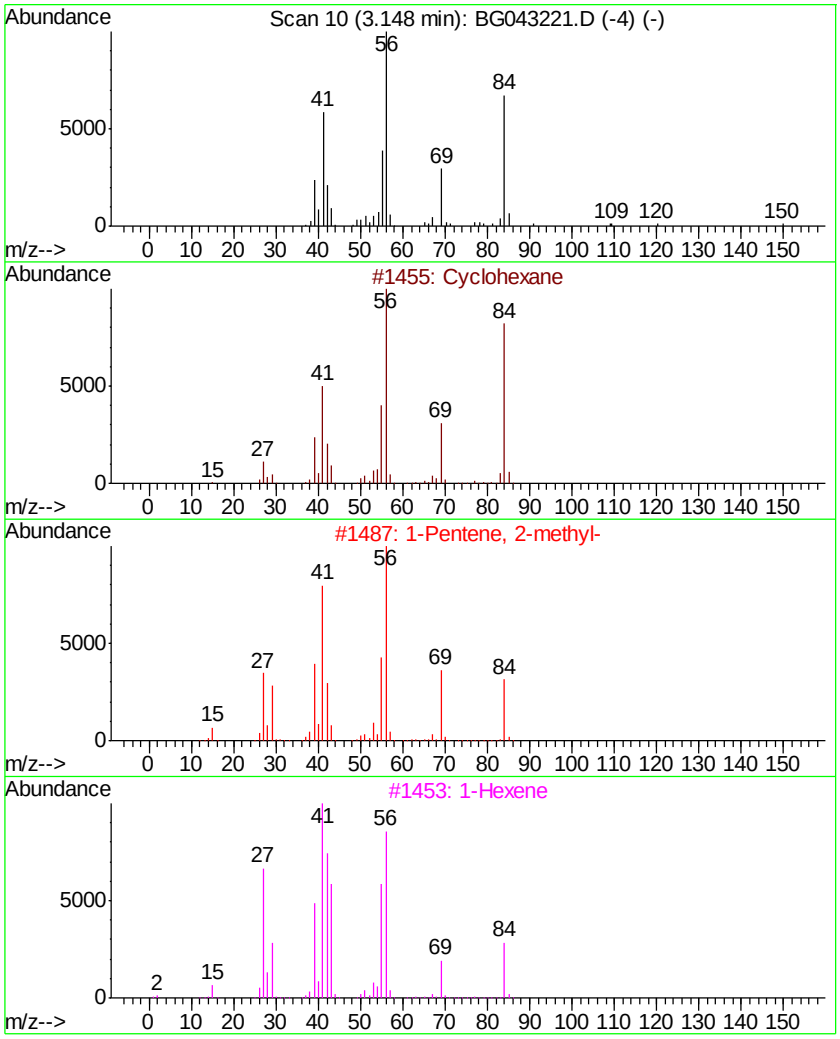
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

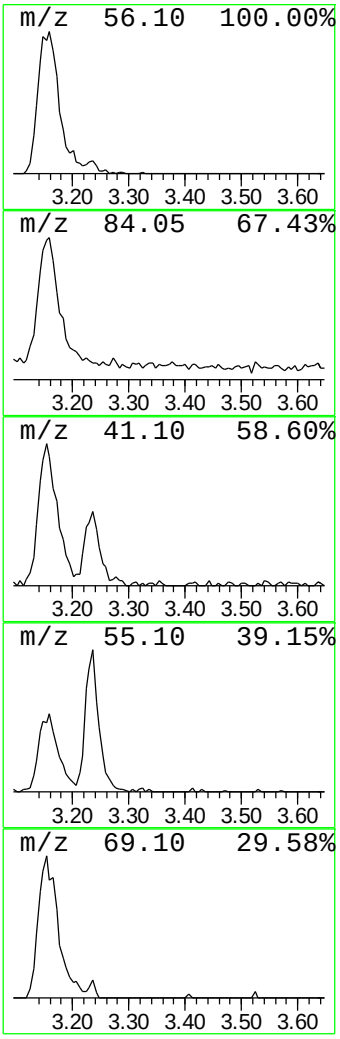
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	10.24 ng	166712	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	1-Hexene	84	C6H12	000592-41-6	64
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	43





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Sample : K5325-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-C

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
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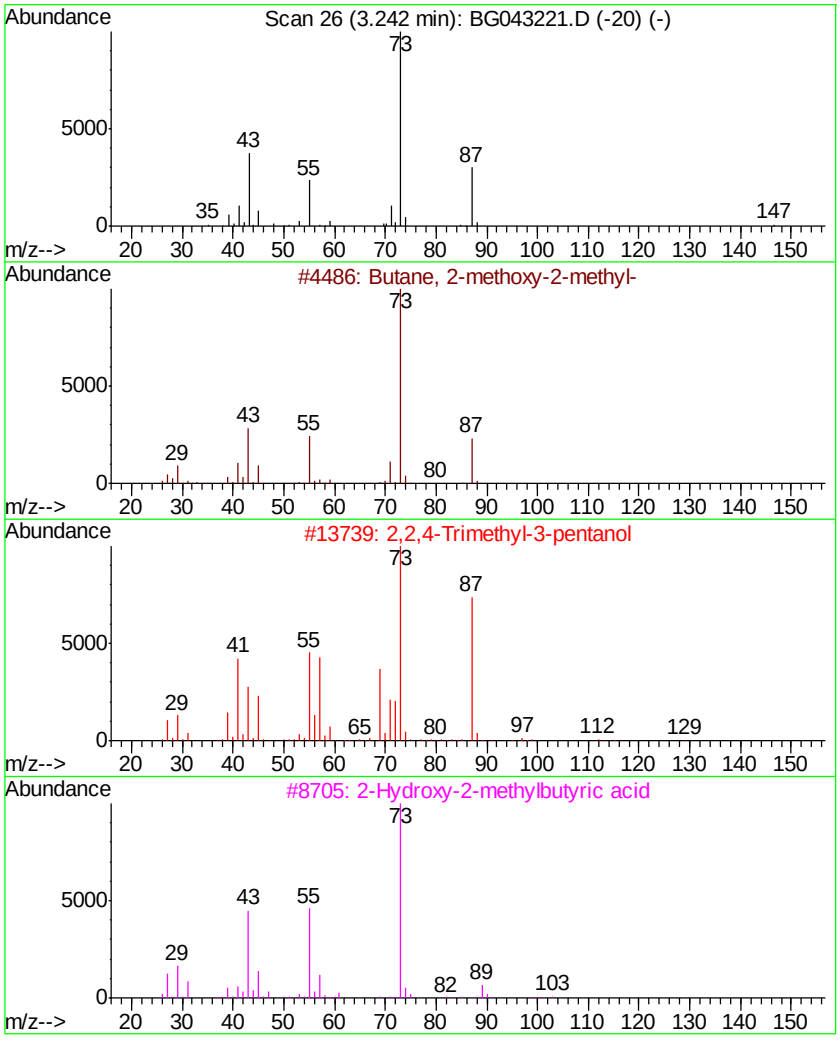
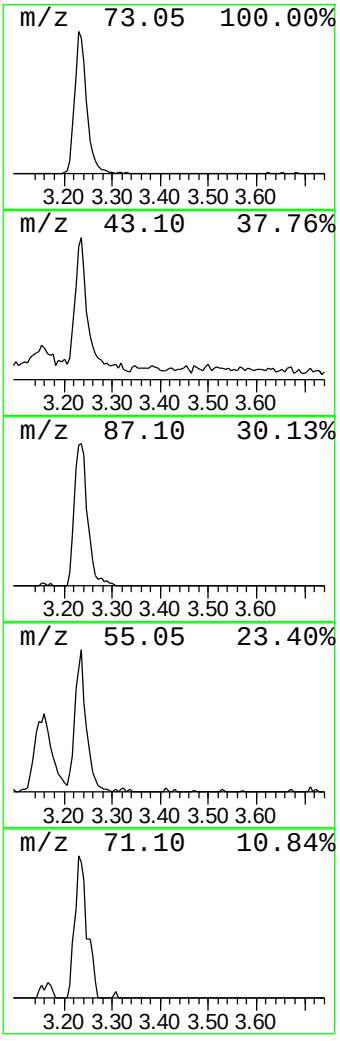
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	11.43 ng	186025	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG043221.D
Acq On : 15 Oct 2019 16:37
Operator : JU
Sample : K5325-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-C

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

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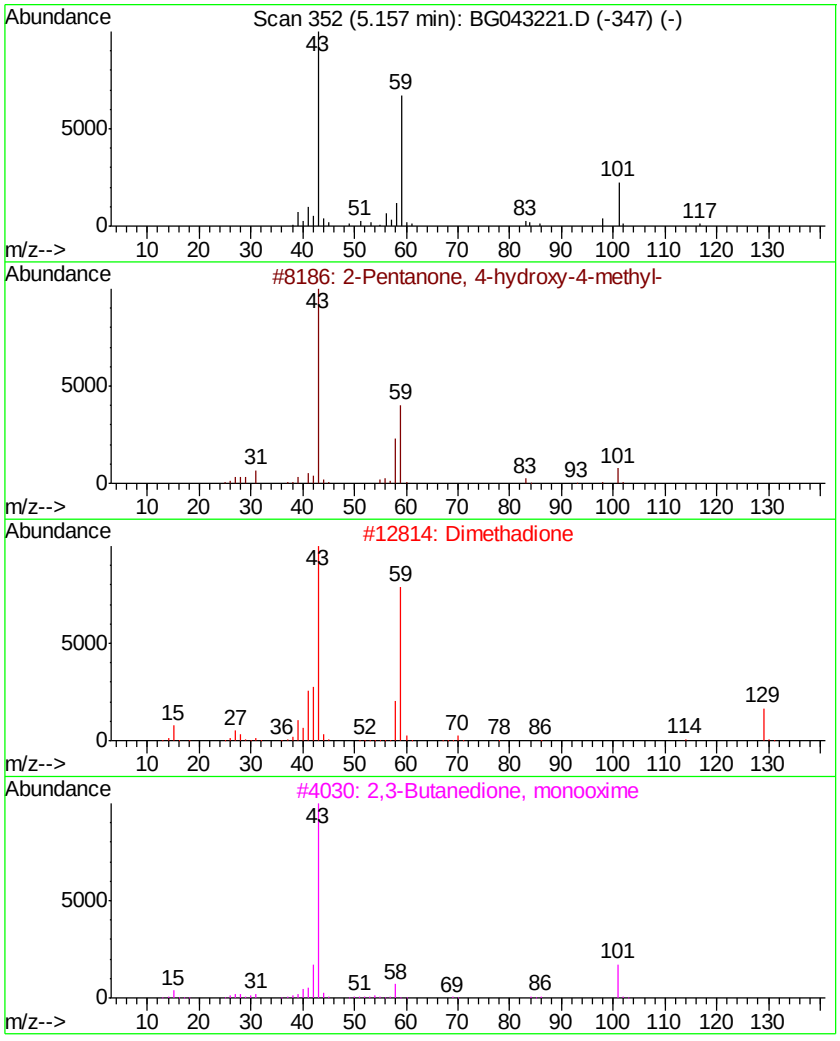
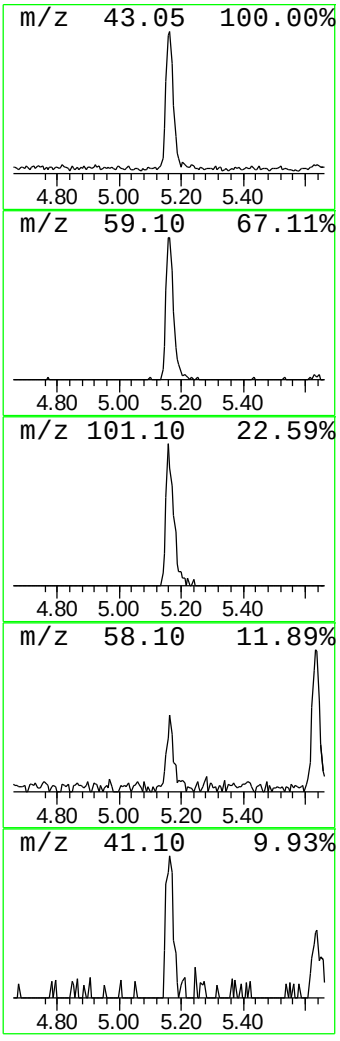
****

Peak Number 3 unknown5.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.15 ng	67556	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Dimethadione	129	C5H7NO3	000695-53-4	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : 10-10-C

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
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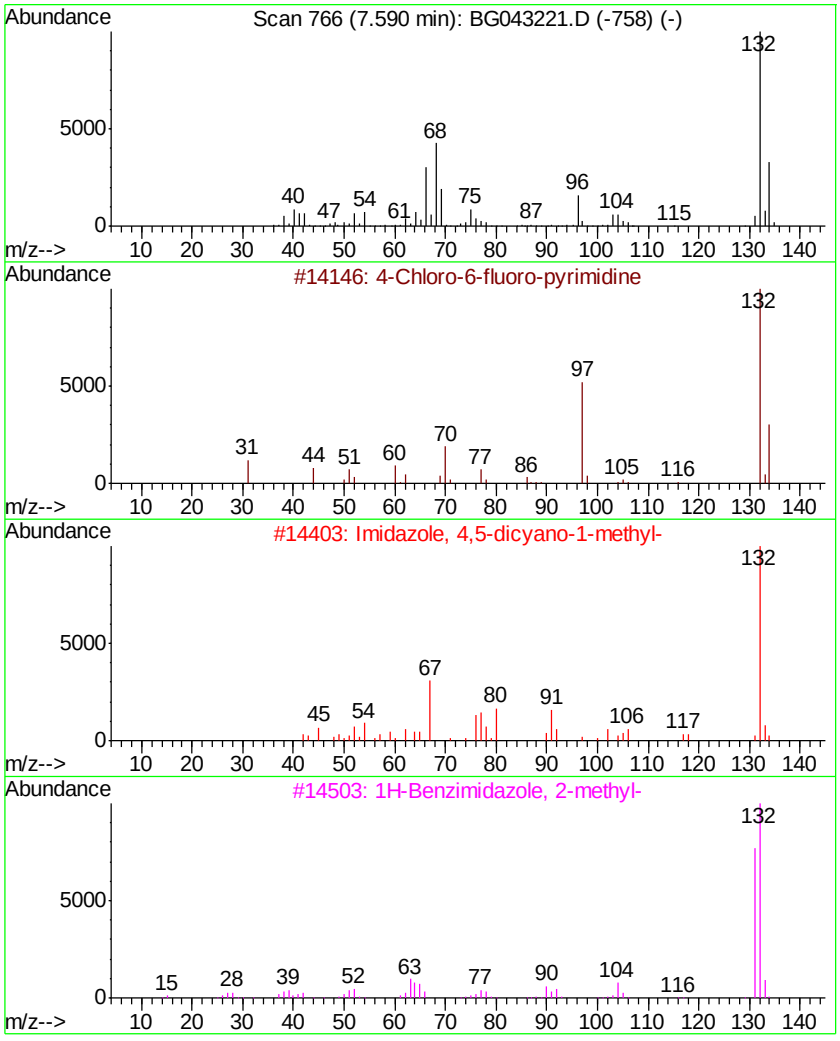
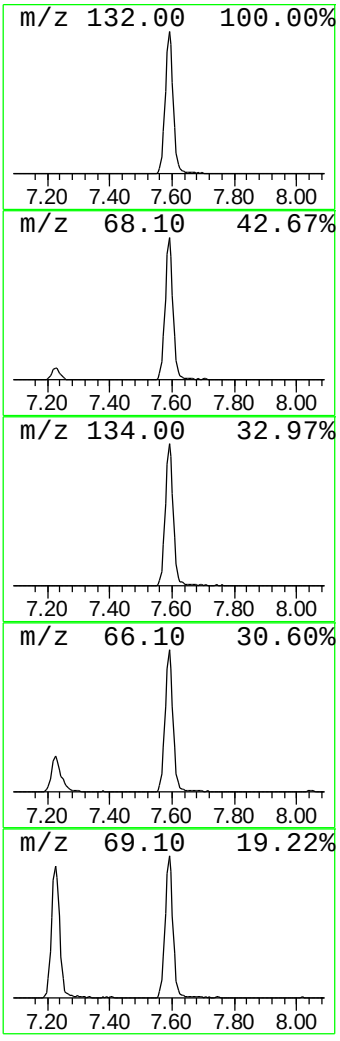
****

Peak Number 4 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	107.04 ng	1741920	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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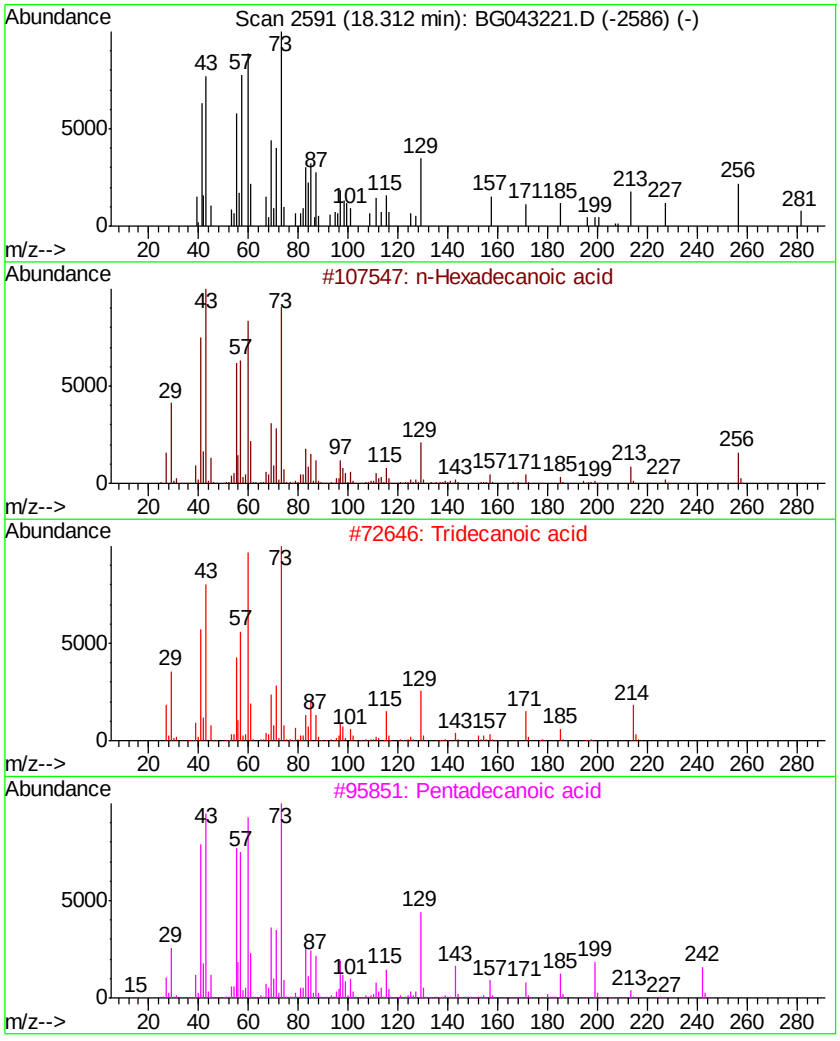
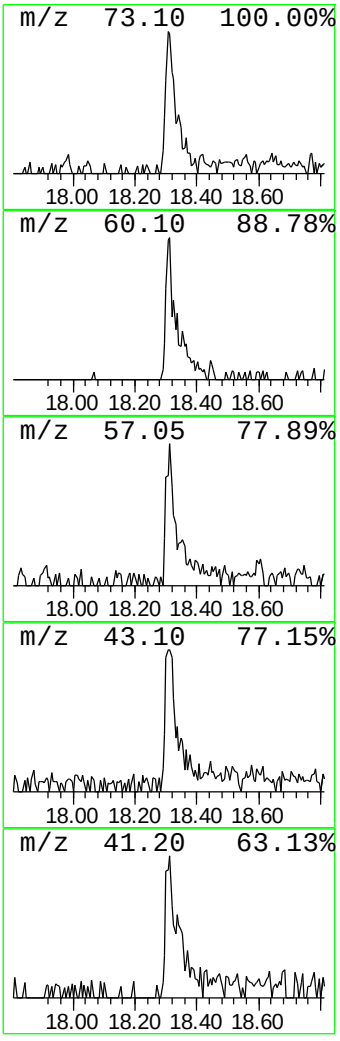
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.14 ng	85877	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Instrument : BNA_G
ClientSampleId : 10-10-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

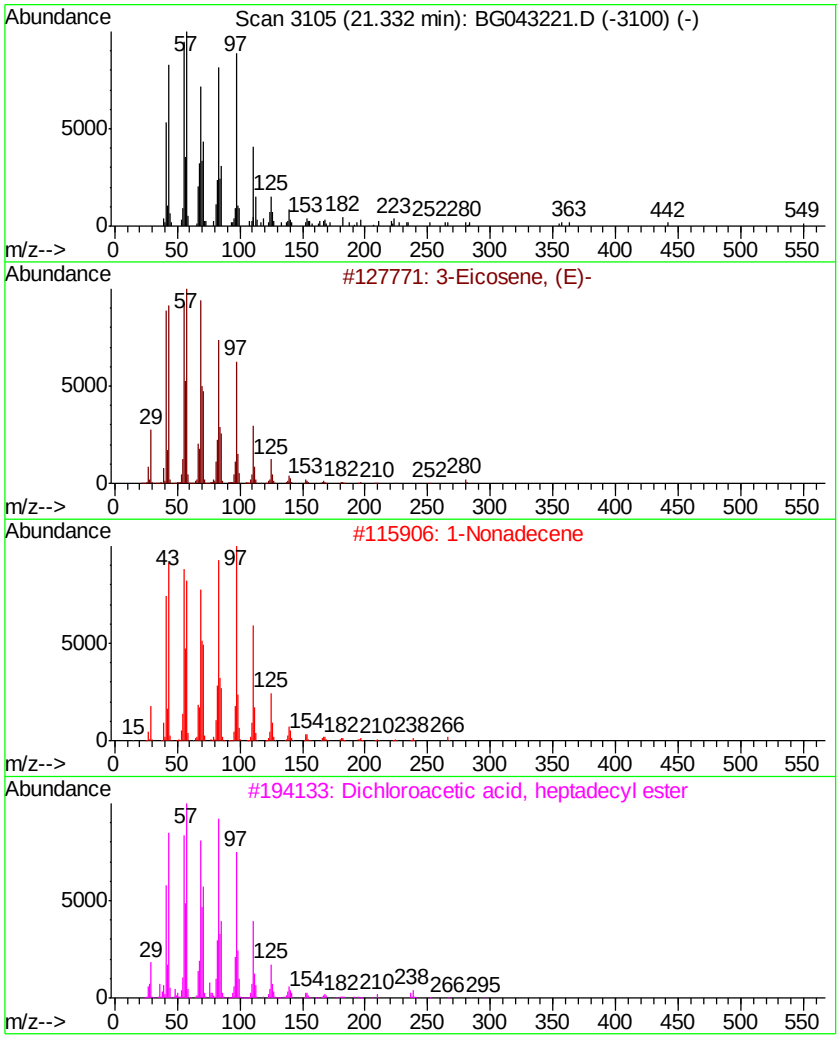
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

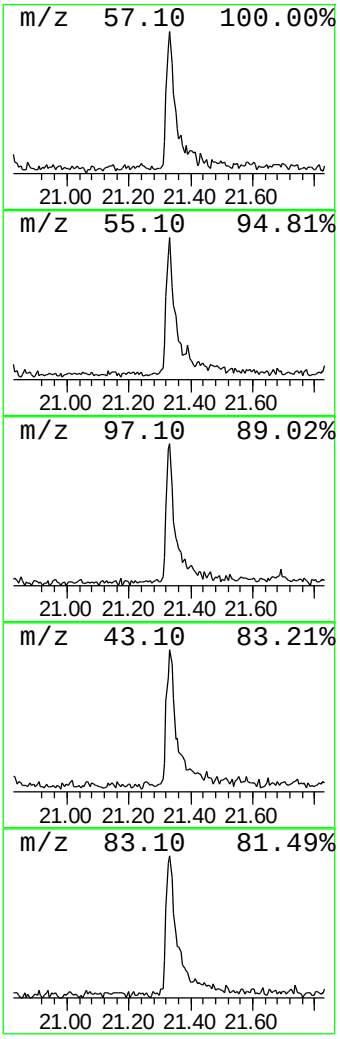
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	5.20 ng	249317	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.15	10.2	ng	166712	1	8.05	325471	20.0
Butane, 2-methoxy...	3.24	11.4	ng	186025	1	8.05	325471	20.0
unknown5.16	5.16	4.2	ng	67556	1	8.05	325471	20.0
unknown7.59	7.59	107.0	ng	1741920	1	8.05	325471	20.0
n-Hexadecanoic acid	18.31	2.1	ng	85877	4	17.42	801145	20.0
3-Eicosene, (E)-	21.33	5.2	ng	249317	5	21.70	958143	20.0