LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023857.D
Acq On : 23 Aug 2016 17:32
Operator : UM/SJ
Sample : H4556-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-12A(10-12)

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-BG080116.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	2.967	17	22	38	rVB	587726	879791	14.40%	2.416%
2	5.152	388	394	402	rBV	462509	712851	11.67%	1.957%
3	5.628	469	475	487	rBV	1514285	2520817	41.26%	6.922%
4	7.250	743	751	761	rBV	1567327	2864840	46.89%	7.867%
5	7.620	806	814	824	rBV	1572220	2763259	45.22%	7.588%
6	8.090	887	894	906	rBV	377145	656513	10.74%	1.803%
7	8.413	942	949	960	rBV	1177942	2056871	33.66%	5.648%
8	9.270	1086	1095	1108	rBV	964143	1813180	29.67%	4.979%
9	10.927	1365	1377	1386	rBV	486981	922606	15.10%	2.533%
10	13.377	1785	1794	1806	rBV	2585716	4071073	66.63%	11.179%
11	14.205	1927	1935	1942	rBV	620865	898860	14.71%	2.468%
12	14.763	2023	2030	2038	rBV2	796630	1268189	20.76%	3.482%
13	15.585	2165	2170	2175	rVB	53430	68571	1.12%	0.188%
14	16.261	2278	2285	2297	rBV	1978627	3200891	52.39%	8.789%
15	16.449	2312	2317	2325	rBV	76554	124787	2.04%	0.343%
16	17.524	2494	2500	2511	rBV2	990368	1593291	26.08%	4.375%
17	18.393	2644	2648	2653	rBV2	61197	91827	1.50%	0.252%
18	20.132	2937	2944	2952	rBV	4664191	6110160	100.00%	16.778%
19	21.442	3162	3167	3179	rBV10	54503	185059	3.03%	0.508%
20	21.836	3228	3234	3244	rVB	1061525	1844964	30.20%	5.066%
21	24.186	3629	3634	3642	rBV8	31997	66864	1.09%	0.184%
22	25.214	3798	3809	3821	rVB2	579006	1702885	27.87%	4.676%

Sum of corrected areas: 36418149

LSC Report - Integrated Chromatogram

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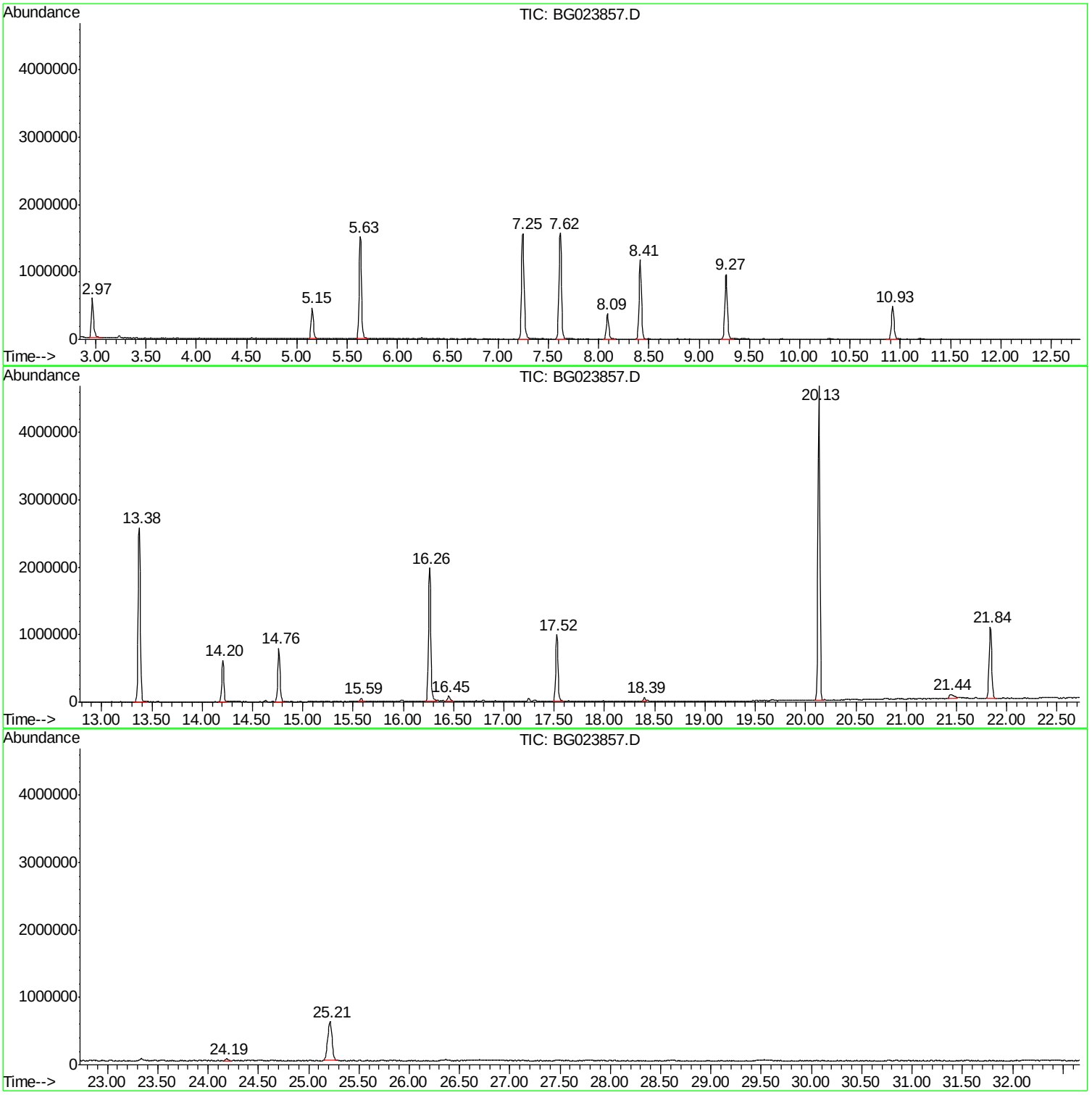
Instrument : BNA_G
ClientSampleId : SB-12A(10-12)

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023857.D
Acq On : 23 Aug 2016 17:32
Operator : UM/SJ
Sample : H4556-03
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Instrument : BNA_G
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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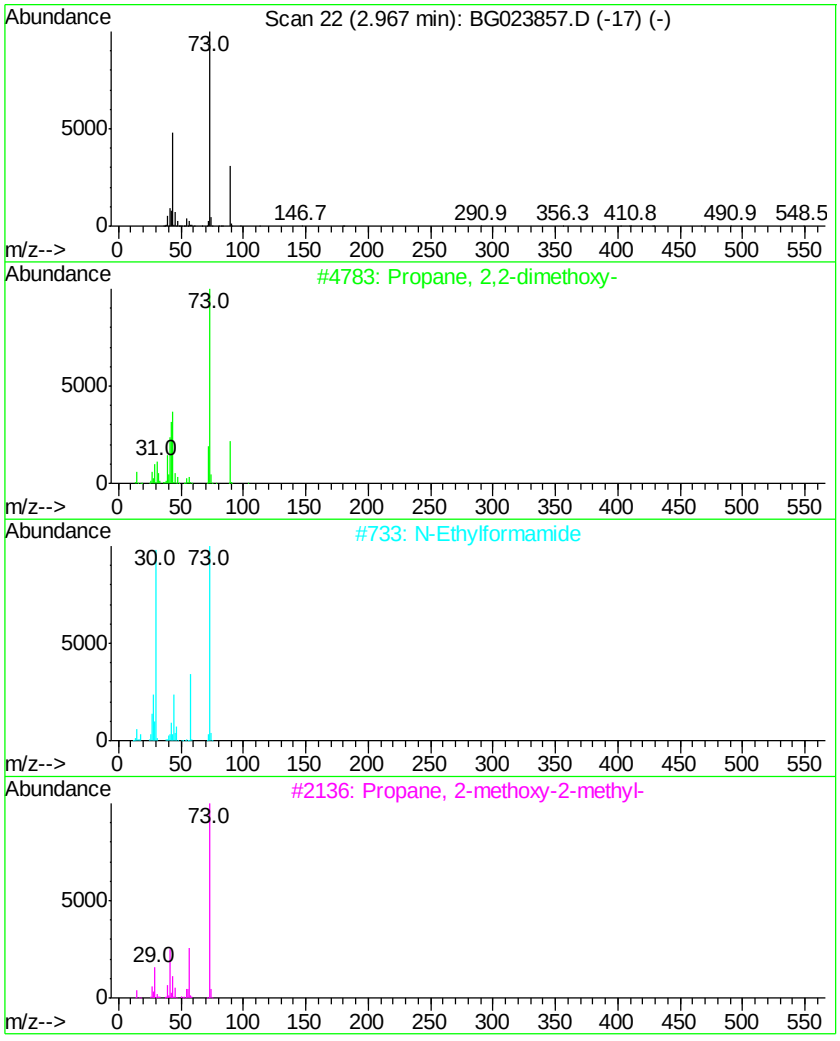
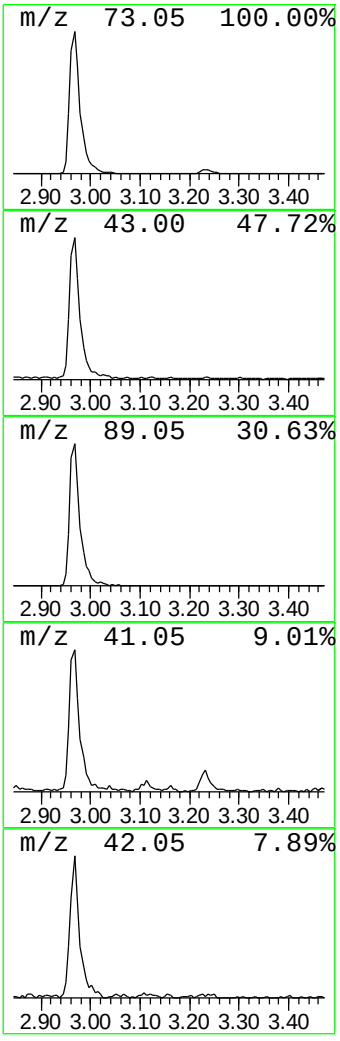
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	26.80 ng	879791	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Instrument : BNA_G
ClientSampleId : SB-12A(10-12)

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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TIC Integration Parameters: LSCINT.P

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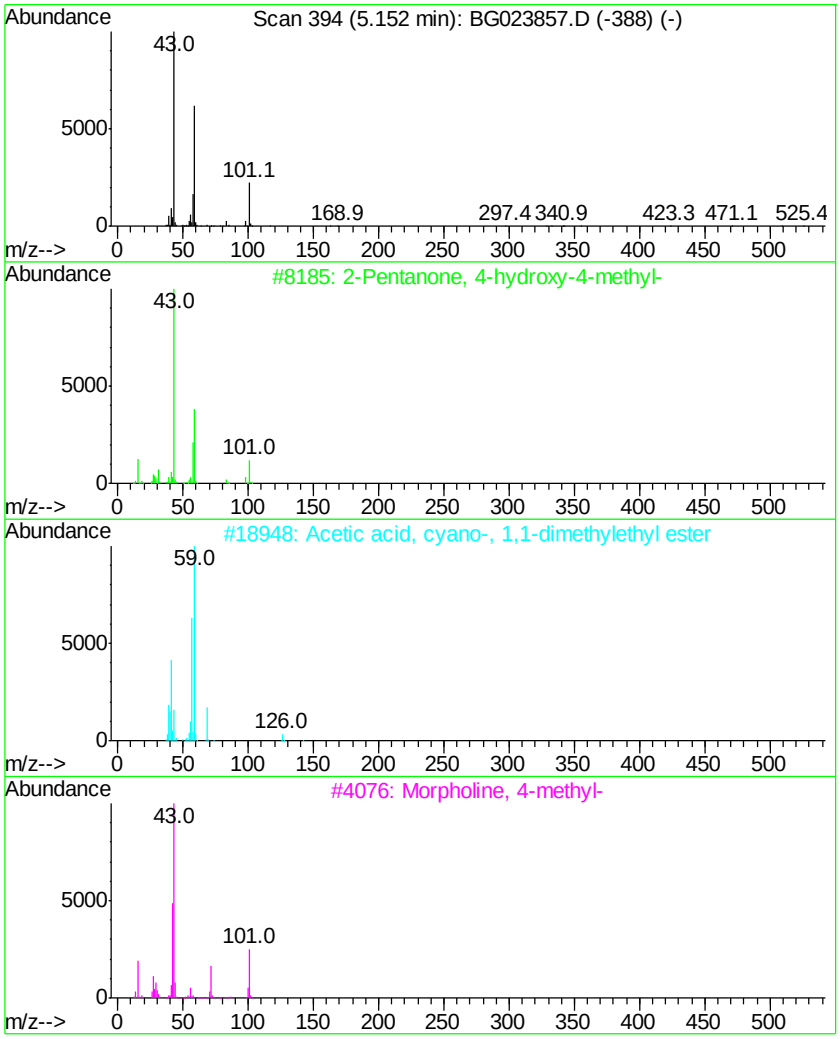
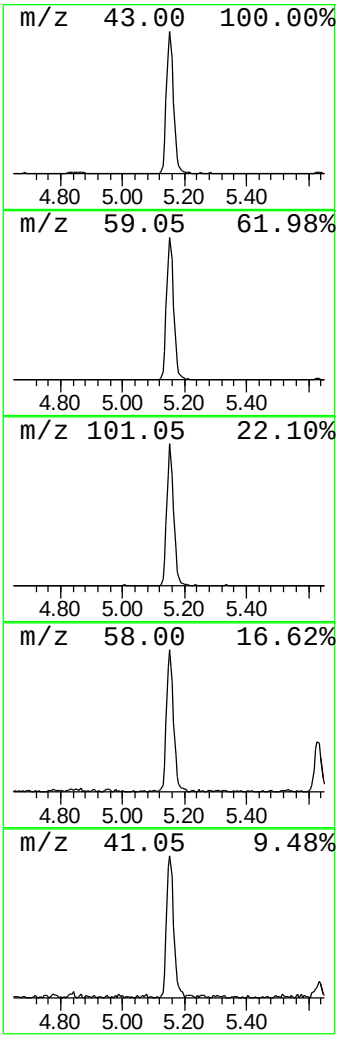
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	21.72 ng	712851	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
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Operator : UM/SJ
Sample : H4556-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-12A(10-12)

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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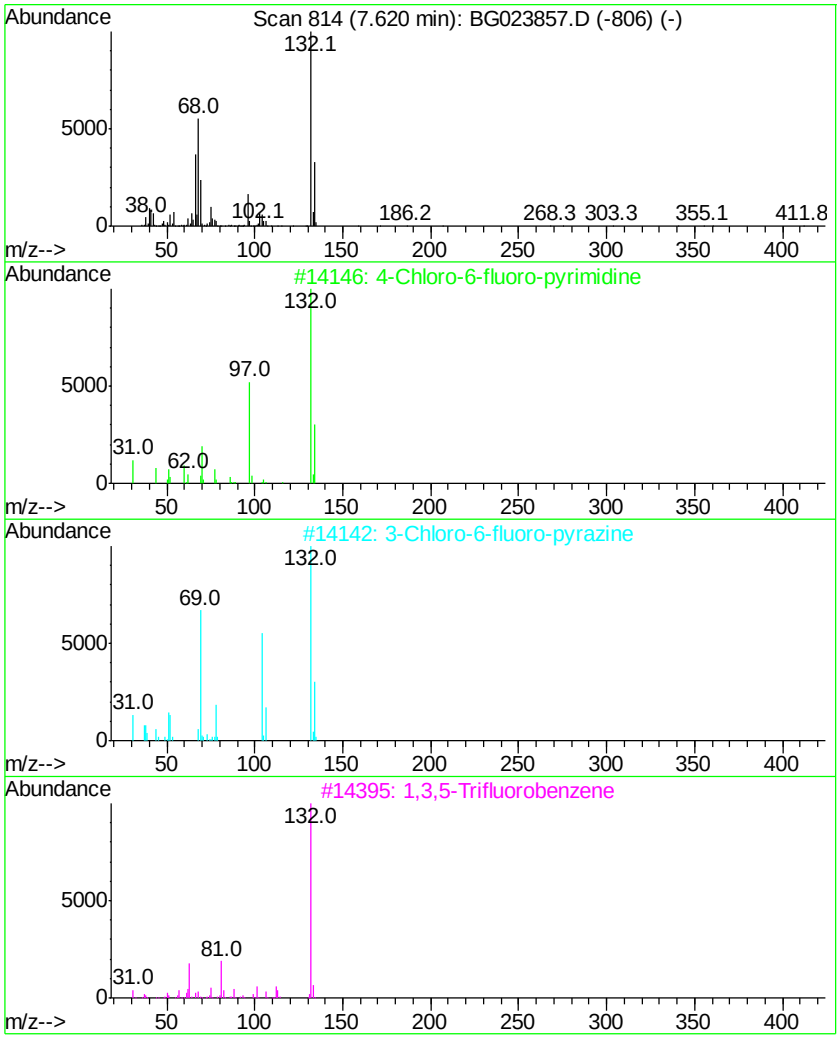
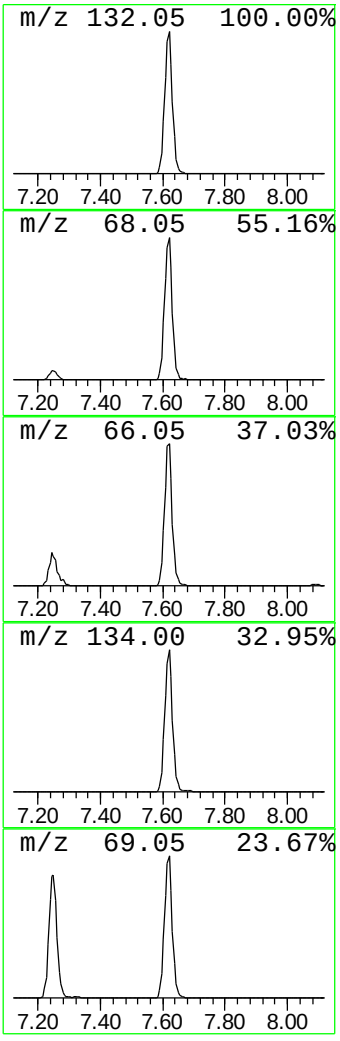
Peak Number 3 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	84.18 ng	2763260	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Instrument : BNA_G
ClientSampleId : SB-12A(10-12)

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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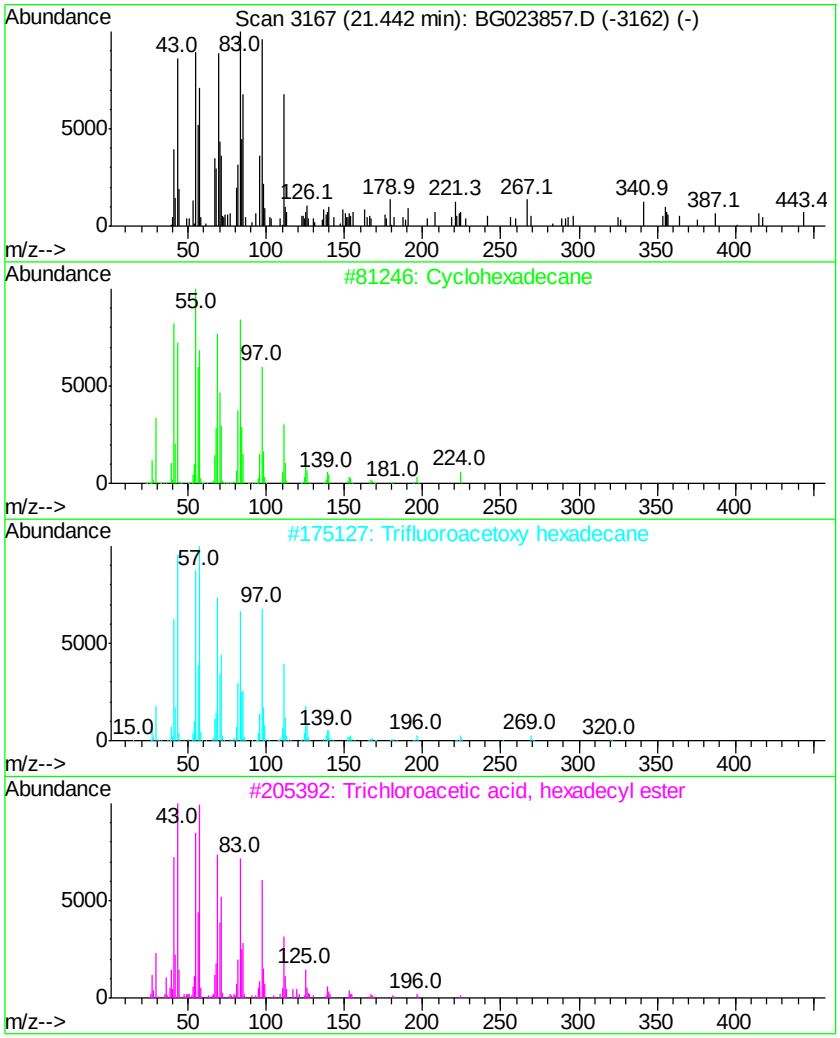
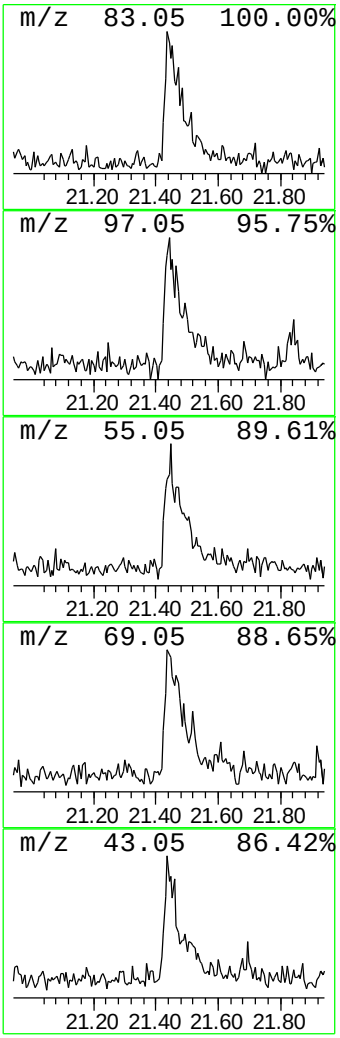
Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.01 ng	185059	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64





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
Propane, 2,2-dime...	2.97	26.8	ng	879791	1	8.09	656513	20.0
2-Pentanone, 4-hy...	5.15	21.7	ng	712851	1	8.09	656513	20.0
unknown7.62	7.62	84.2	ng	2763260	1	8.09	656513	20.0
Cyclohexadecane	21.44	2.0	ng	185059	5	21.84	1844960	20.0