LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023158.D
Acq On : 18 Jul 2016 13:15
Operator : UM/SJ
Sample : H4018-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F9-B4(0-12)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:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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	2.866	3	5	25	rVB	1298721	2875846	29.39%	4.387%
2	3.013	25	30	49	rVB	2241883	3421908	34.97%	5.220%
3	3.154	49	54	72	rBV	973026	2096800	21.43%	3.199%
4	3.272	72	74	86	rVB5	70680	132243	1.35%	0.202%
5	5.175	393	398	408	rBV	273350	476378	4.87%	0.727%
6	5.651	470	479	494	rBV	1949706	3381422	34.56%	5.158%
7	7.261	745	753	763	rBV	2318845	4155717	42.47%	6.339%
8	7.637	806	817	829	rBV	2140068	3891862	39.77%	5.937%
9	8.107	887	897	904	rVB	534025	943008	9.64%	1.438%
10	8.430	944	952	963	rVB	1553975	2808318	28.70%	4.284%
11	9.277	1089	1096	1104	rBV	1518958	2738640	27.99%	4.178%
12	10.928	1370	1377	1385	rBV	781561	1451034	14.83%	2.213%
13	13.366	1783	1792	1799	rBV	4095829	6577291	67.22%	10.033%
14	14.183	1924	1931	1937	rBV	949798	1368825	13.99%	2.088%
15	14.741	2018	2026	2034	rBV2	1387205	2321107	23.72%	3.541%
16	16.221	2272	2278	2288	rBV	3646456	5739599	58.65%	8.755%
17	16.409	2306	2310	2319	rBV2	84715	147117	1.50%	0.224%
18	17.203	2440	2445	2449	rBV	91421	123500	1.26%	0.188%
19	17.479	2486	2492	2497	rBV2	1829639	2820849	28.83%	4.303%
20	17.520	2497	2499	2505	rVB2	117891	159765	1.63%	0.244%
21	18.336	2635	2638	2644	rVB3	218237	262990	2.69%	0.401%
22	19.517	2834	2839	2844	rBV	324645	458954	4.69%	0.700%
23	19.882	2897	2901	2906	rVB	278400	396565	4.05%	0.605%
24	19.952	2911	2913	2917	rVB5	82299	104161	1.06%	0.159%
25	20.070	2927	2933	2943	rBV	7073034	9785418	100.00%	14.927%
26	21.362	3148	3153	3166	rVB7	262651	621507	6.35%	0.948%
27	21.744	3210	3218	3223	rBV2	1733809	3259425	33.31%	4.972%
28	23.566	3524	3528	3537	rVB9	154876	298322	3.05%	0.455%
29	23.983	3592	3599	3600	rBV2	150858	309068	3.16%	0.471%
30	25.023	3767	3776	3785	rBV2	847618	2427919	24.81%	3.704%

Sum of corrected areas: 65555558

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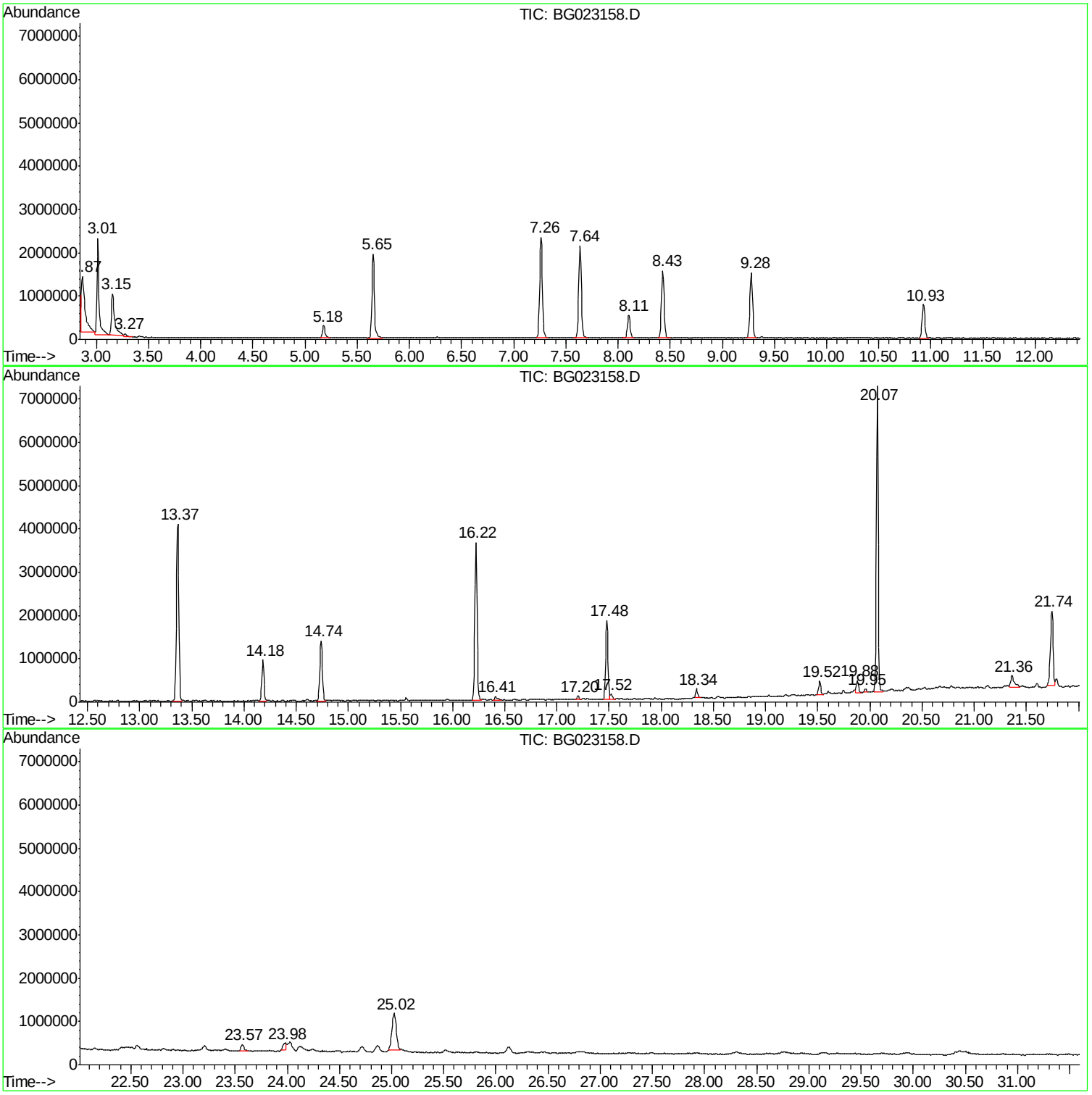
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F9-B4(0-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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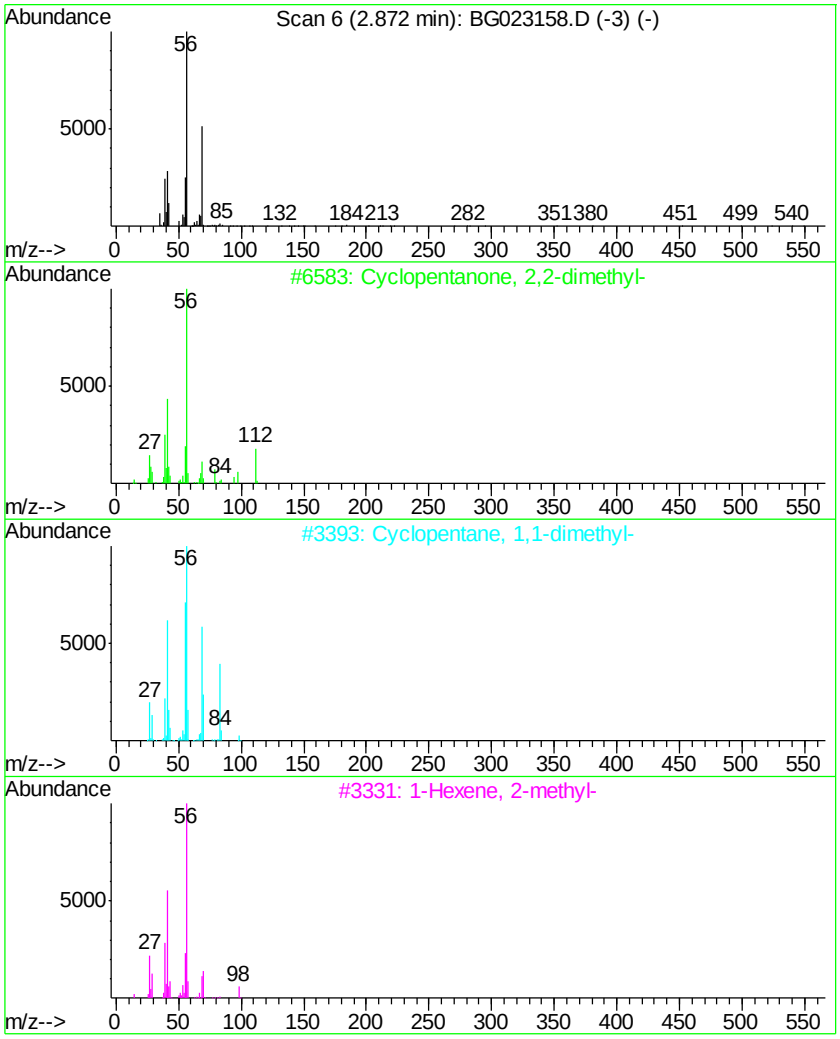
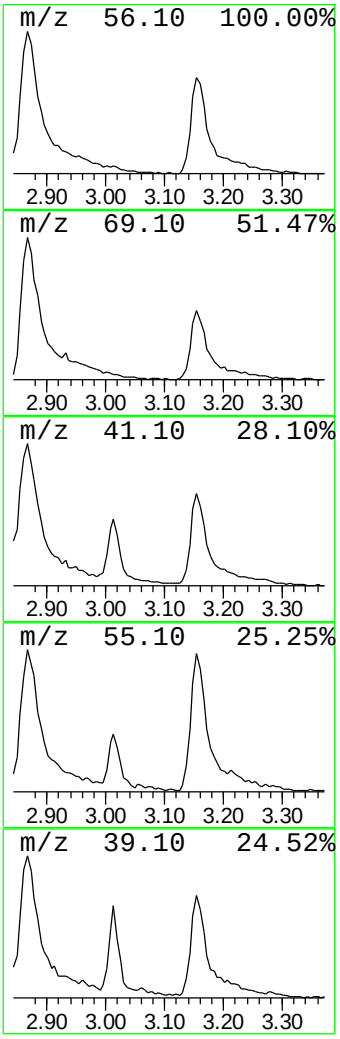
Peak Number 1 Cyclopentanone, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	60.99 ng	2875850	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	56
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	50
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
5	1-Octene, 7-methyl-	126	C9H18	013151-06-9	40





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Data File : BG023158.D
Acq On : 18 Jul 2016 13:15
Operator : UM/SJ
Sample : H4018-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F9-B4(0-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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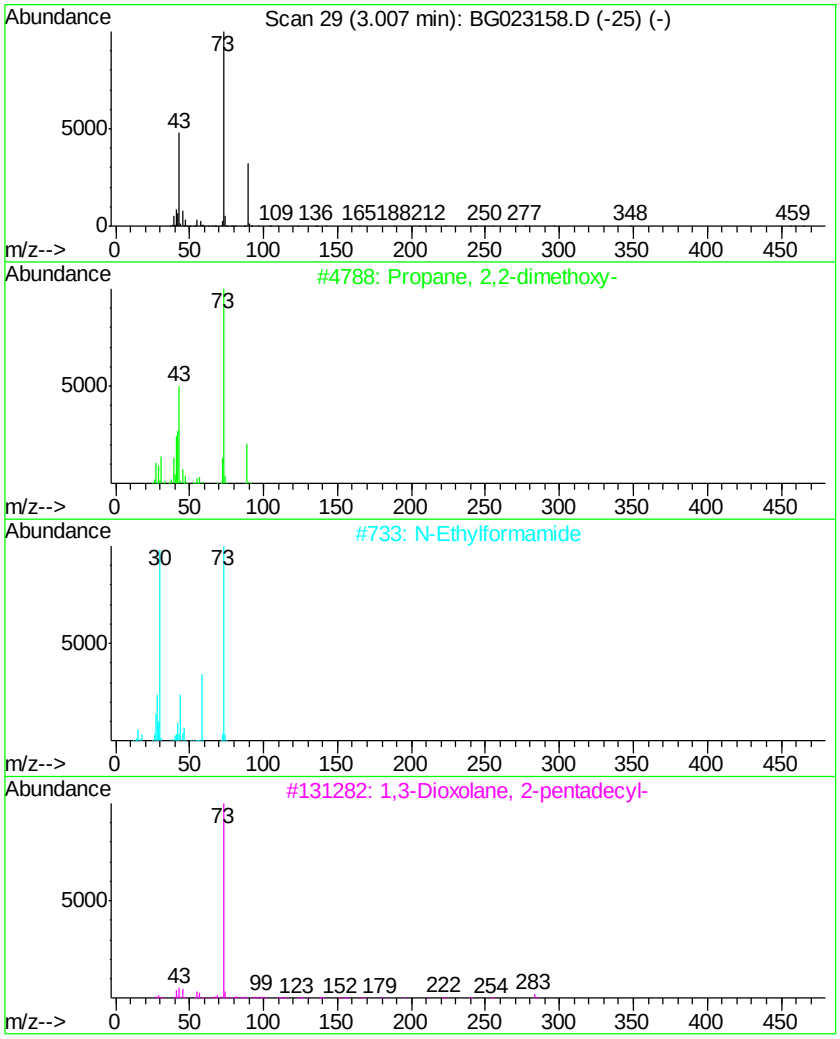
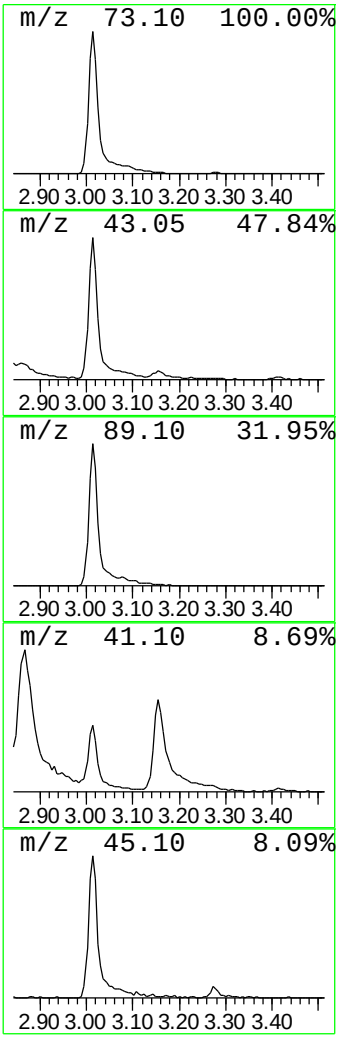
Peak Number 2 unknown3.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	72.57 ng	3421910	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
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Sample : H4018-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F9-B4(0-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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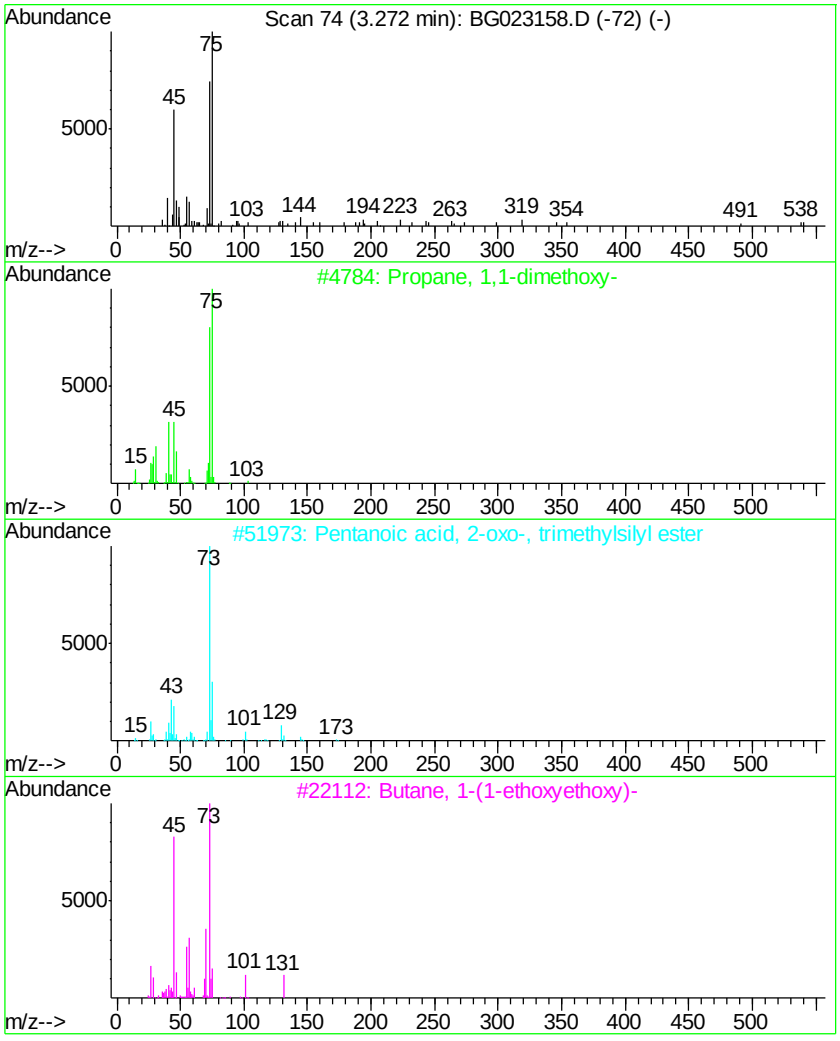
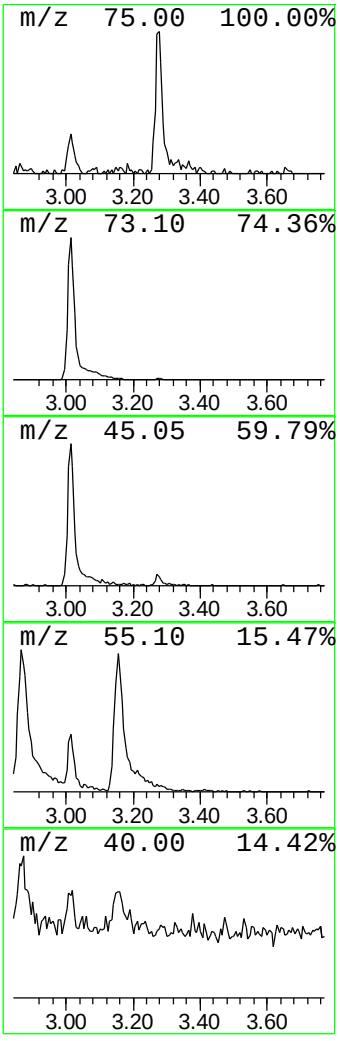
Peak Number 4 unknown3.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	2.80 ng	132243	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	42
2	Pentanoic acid, 2-oxo-, trimethy...	188	C8H16O3Si	074367-69-4	36
3	Butane, 1-(1-ethoxyethoxy)-	146	C8H18O2	057006-87-8	25
4	1-Cyclopentenecarboxylic acid, 3...	246	C11H18O6	1000141-74-7	23
5	Octanal dimethyl acetal	174	C10H22O2	010022-28-3	9





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Data File : BG023158.D
Acq On : 18 Jul 2016 13:15
Operator : UM/SJ
Sample : H4018-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F9-B4(0-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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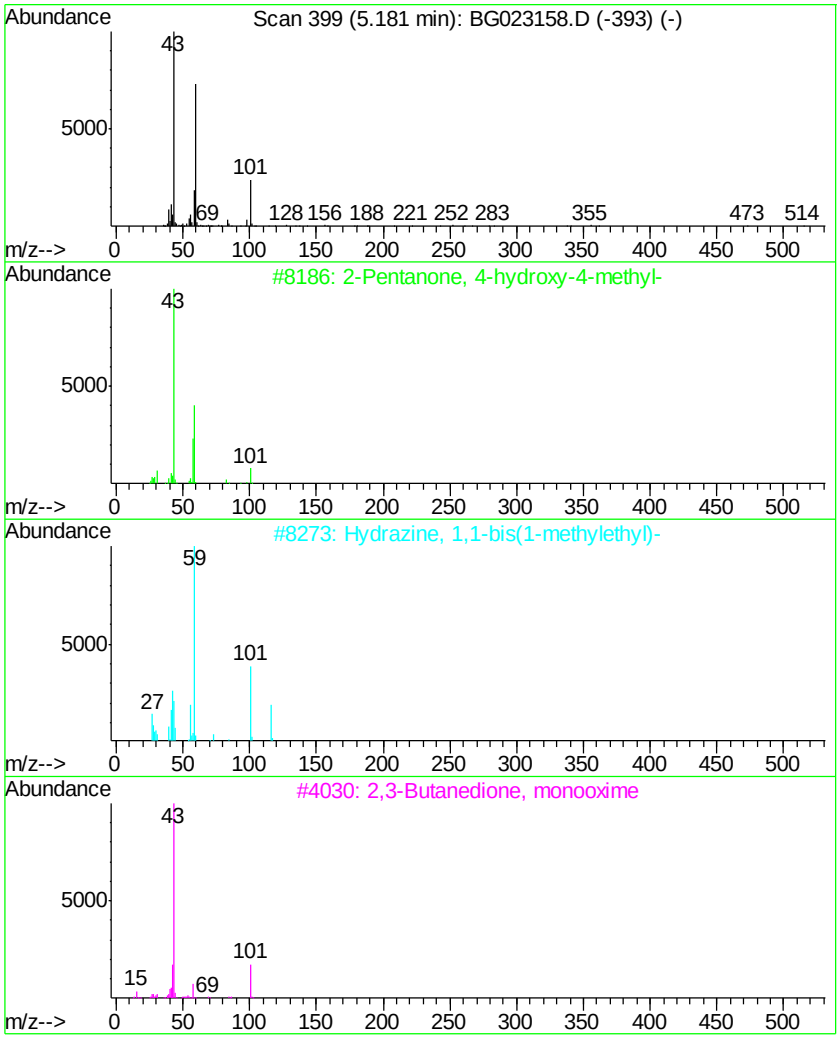
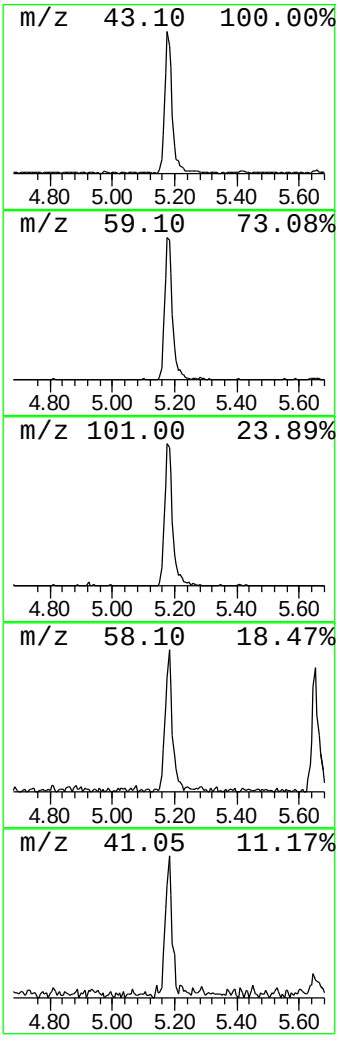
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.10 ng	476378	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Misc :
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Instrument : BNA_G
ClientSampleId : F9-B4(0-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST11.L
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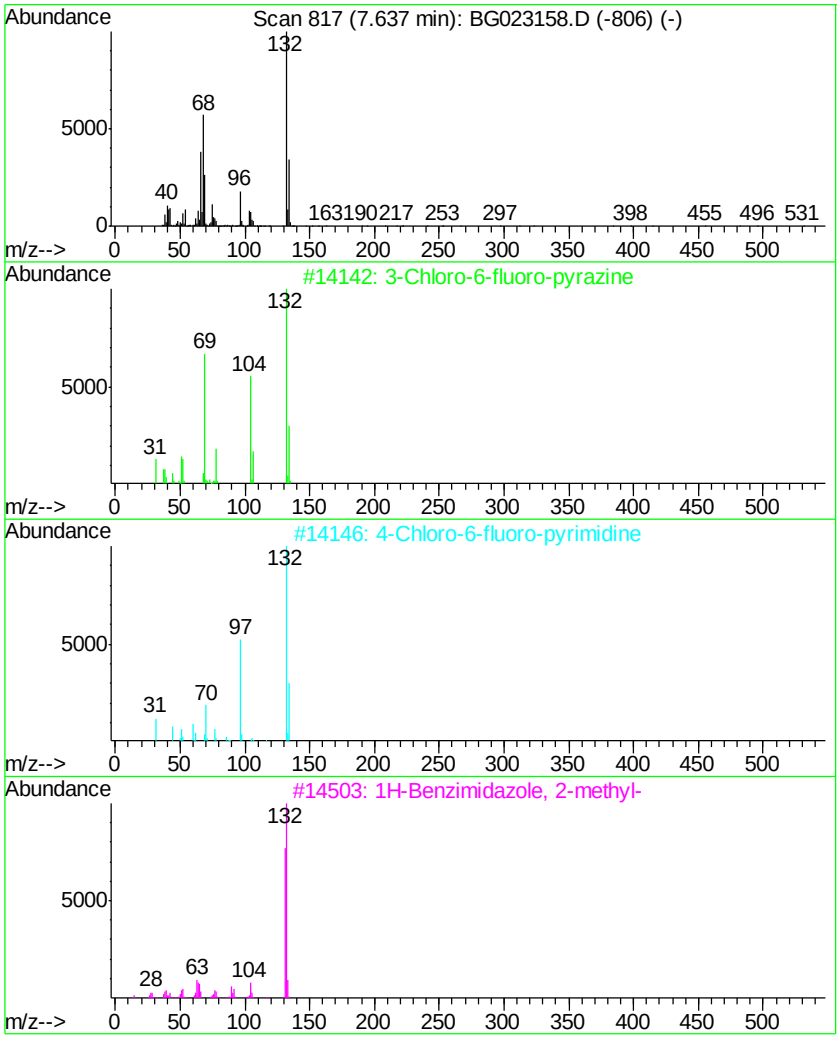
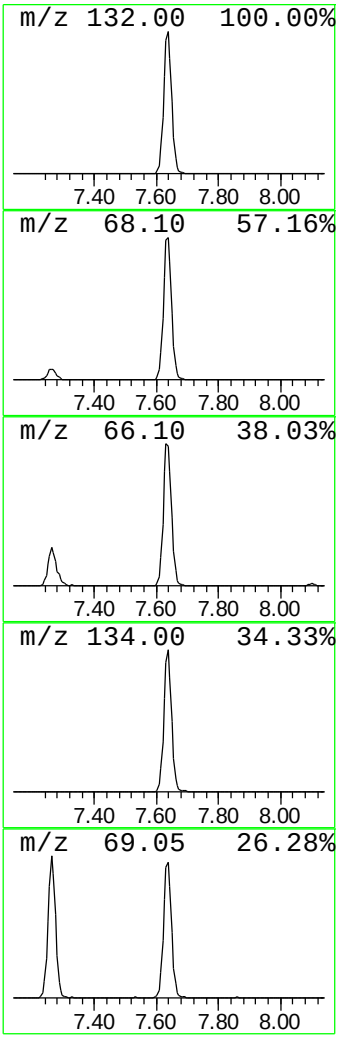
Peak Number 6 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	82.54 ng	3891860	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22





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Instrument : BNA_G
ClientSampleId : F9-B4(0-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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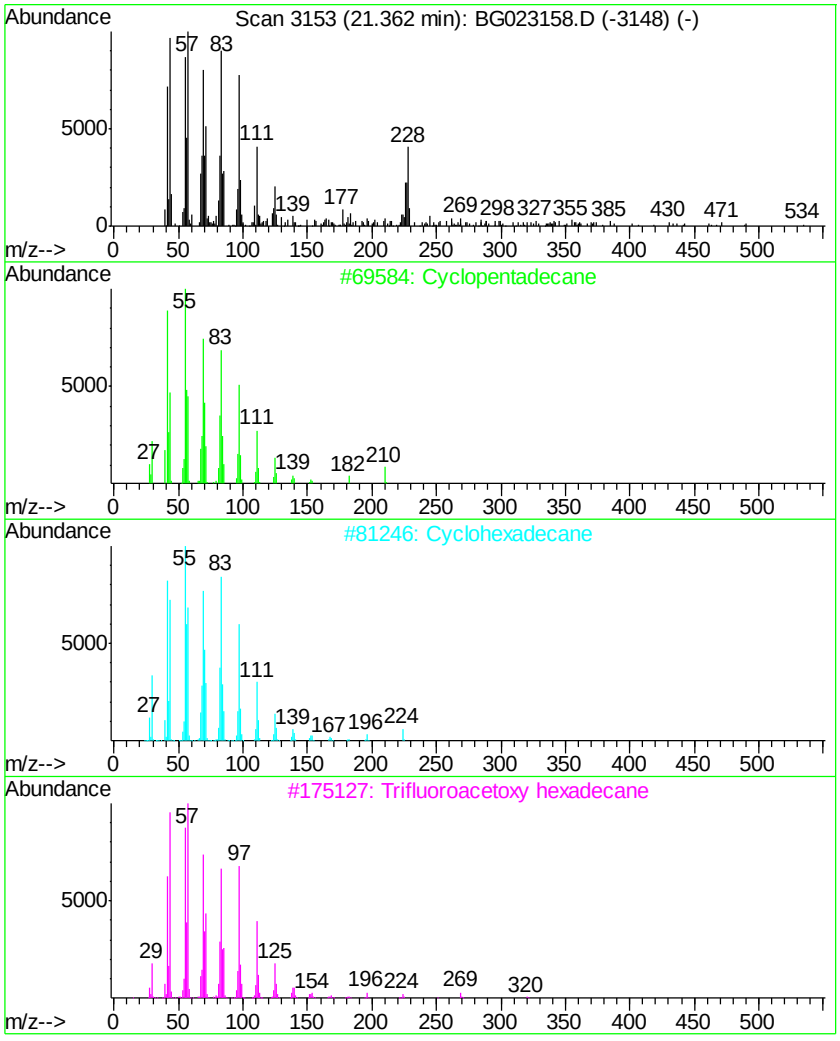
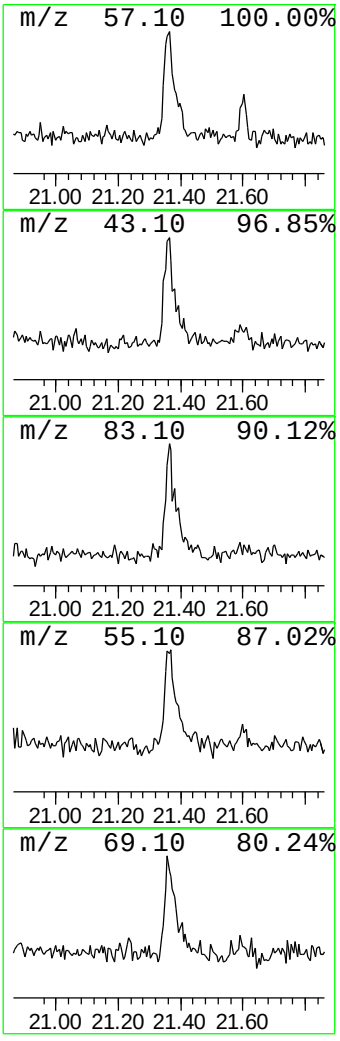
Peak Number 8 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.81 ng	621507	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





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

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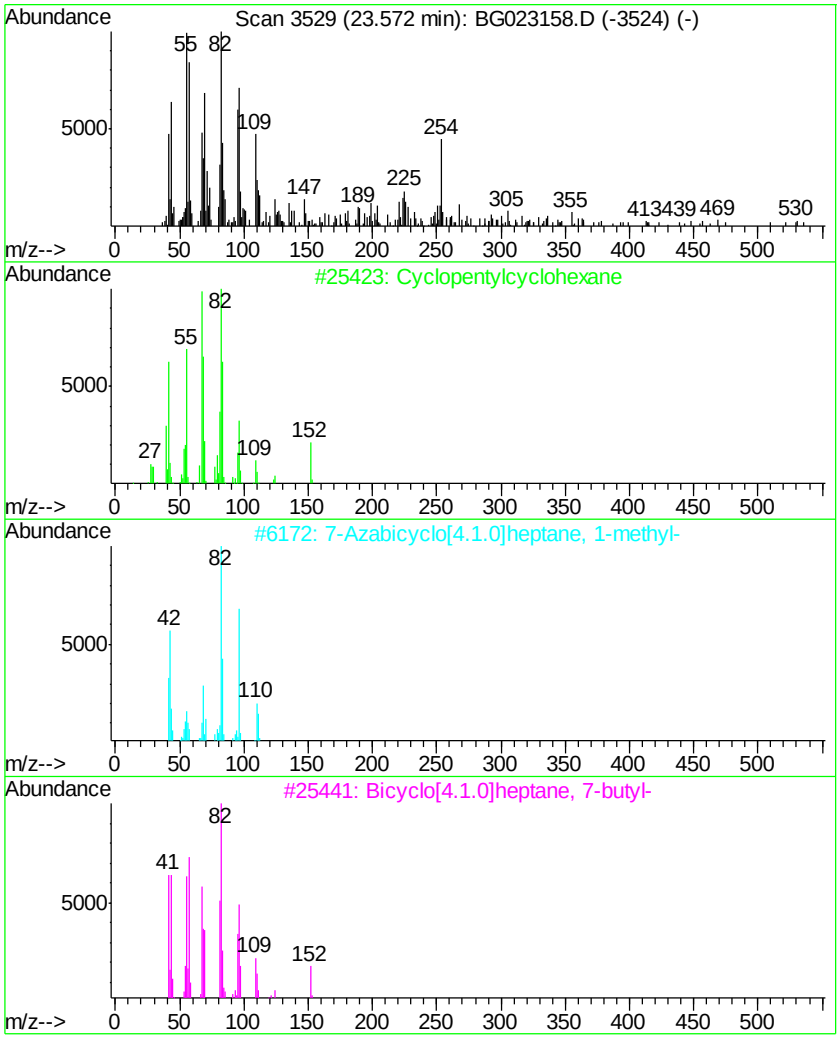
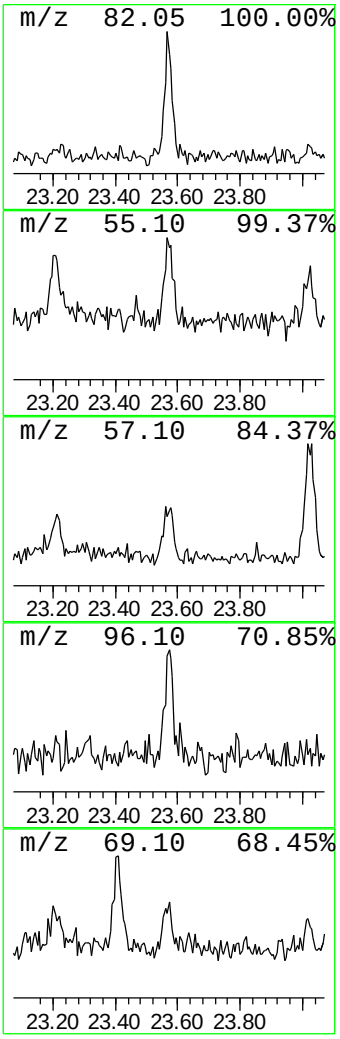
Peak Number 9 unknown23.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.46 ng	298322	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentylcyclohexane	152	C11H20	001606-08-2	49
2	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	46
3	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	42
4	11-Hexacosyne	362	C26H50	034291-69-5	38
5	3-Cyclopentene-1,2-diol, cis-	100	C5H8O2	000694-29-1	30





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentanone, 2...	2.87	61.0	ng	2875850	1	8.10	943008	20.0
unknown3.01	3.01	72.6	ng	3421910	1	8.10	943008	20.0
unknown3.27	3.27	2.8	ng	132243	1	8.10	943008	20.0
2-Pentanone, 4-hy...	5.18	10.1	ng	476378	1	8.10	943008	20.0
unknown7.64	7.64	82.5	ng	3891860	1	8.10	943008	20.0
Cyclopentadecane	21.36	3.8	ng	621507	5	21.74	3259430	20.0
unknown23.57	23.57	2.5	ng	298322	6	25.02	2427920	20.0