LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023145.D
Acq On : 16 Jul 2016 13:39
Operator : UM/SJ
Sample : H4018-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D8-B4(0-11)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	2.894	4	9	23	rVB	431484	1034517	12.66%	1.829%
2	3.041	29	34	52	rVV	4129515	6290069	76.99%	11.121%
3	3.187	53	59	74	rVV	358950	772712	9.46%	1.366%
4	5.220	399	405	415	rVB	297241	448980	5.50%	0.794%
5	5.696	477	486	499	rVB	2016637	3219216	39.40%	5.691%
6	7.306	752	760	774	rBV	2220304	3905315	47.80%	6.904%
7	7.676	816	823	833	rBV	2030293	3610973	44.20%	6.384%
8	8.146	896	903	915	rBV	410767	727768	8.91%	1.287%
9	8.475	952	959	968	rVB	1481007	2544672	31.15%	4.499%
10	9.321	1096	1103	1112	rBV	1367243	2468221	30.21%	4.364%
11	10.978	1375	1385	1393	rBV	617227	1123440	13.75%	1.986%
12	13.417	1792	1800	1809	rBV	3594286	5685033	69.58%	10.051%
13	14.239	1933	1940	1947	rBV	810791	1210852	14.82%	2.141%
14	14.797	2028	2035	2044	rBV2	1104393	1749659	21.41%	3.093%
15	16.290	2281	2289	2304	rBV	3338337	5315150	65.05%	9.397%
16	16.478	2317	2321	2330	rBV2	59932	106371	1.30%	0.188%
17	17.271	2453	2456	2460	rBV2	63799	87567	1.07%	0.155%
18	17.553	2497	2504	2518	rBV2	1387417	2267022	27.75%	4.008%
19	18.417	2646	2651	2657	rBV7	66190	123563	1.51%	0.218%
20	19.598	2847	2852	2859	rBV	71430	112954	1.38%	0.200%
21	19.827	2887	2891	2898	rBV3	60061	84344	1.03%	0.149%
22	19.962	2905	2914	2918	rBV3	76629	177888	2.18%	0.315%
23	20.150	2940	2946	2953	rBV	5957183	8170324	100.00%	14.445%
24	21.466	3165	3170	3177	rBV9	116651	290679	3.56%	0.514%
25	21.707	3208	3211	3215	rVB3	80357	131665	1.61%	0.233%
26	21.854	3229	3236	3242	rBV2	1472679	2505086	30.66%	4.429%
27	25.226	3800	3810	3825	rVB2	796788	2398056	29.35%	4.240%

Sum of corrected areas: 56562096

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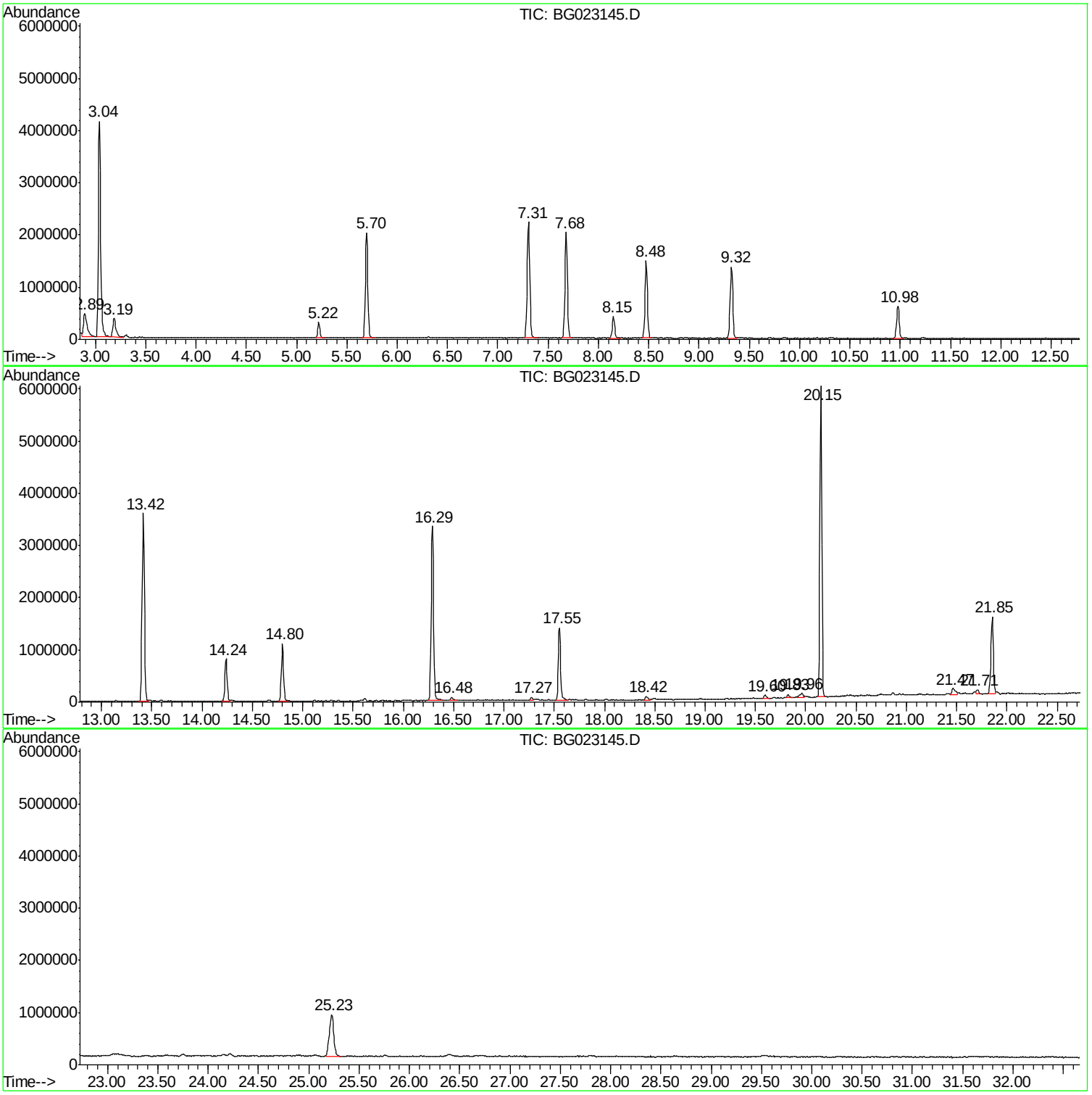
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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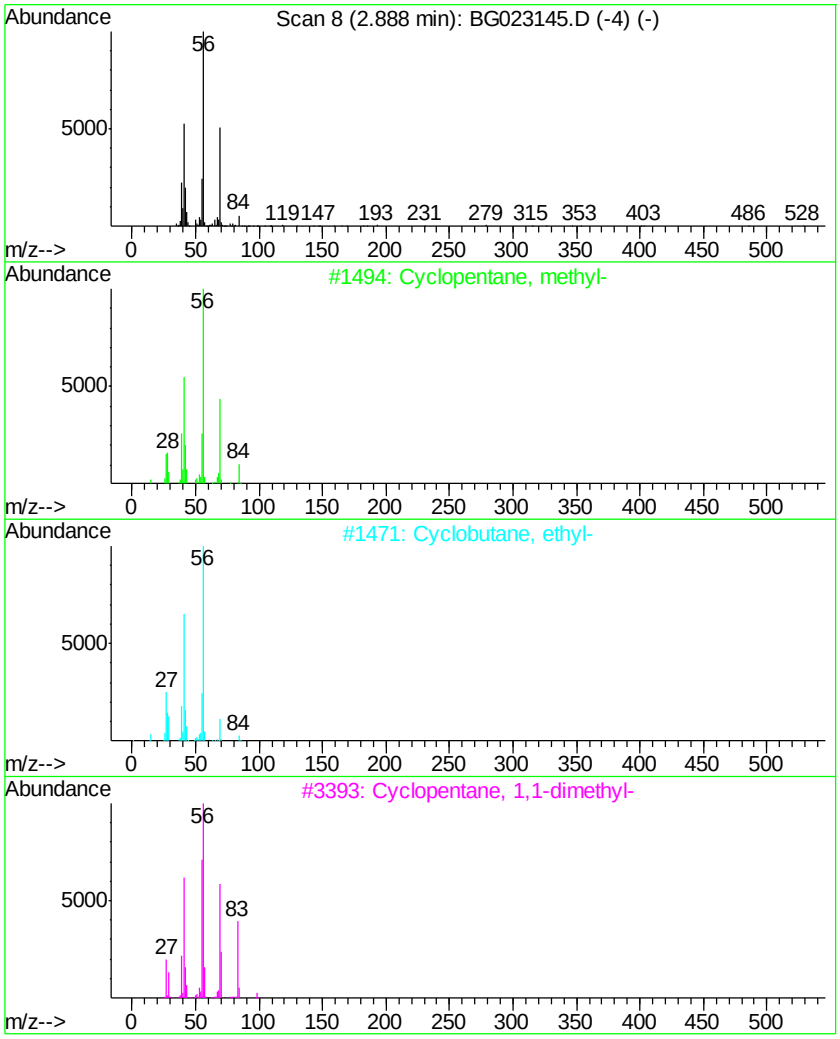
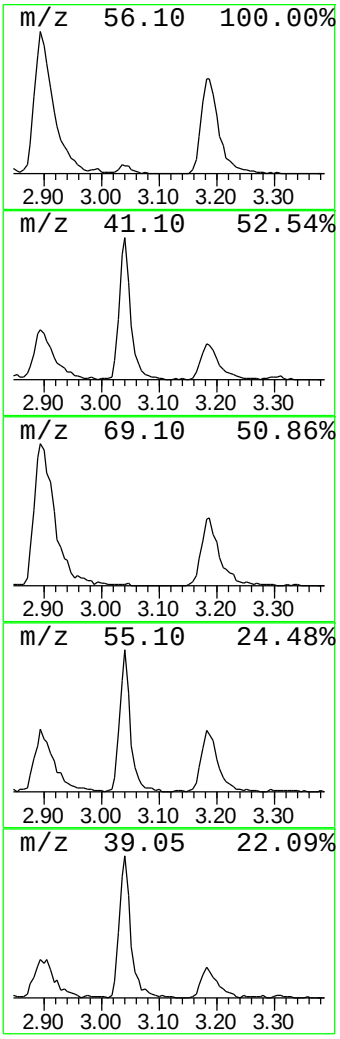
Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	28.43 ng	1034520	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
4	Heptane, 4-methylene-	112	C8H16	015918-08-8	50
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	40





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Instrument : BNA_G
ClientSampleId : D8-B4(0-11)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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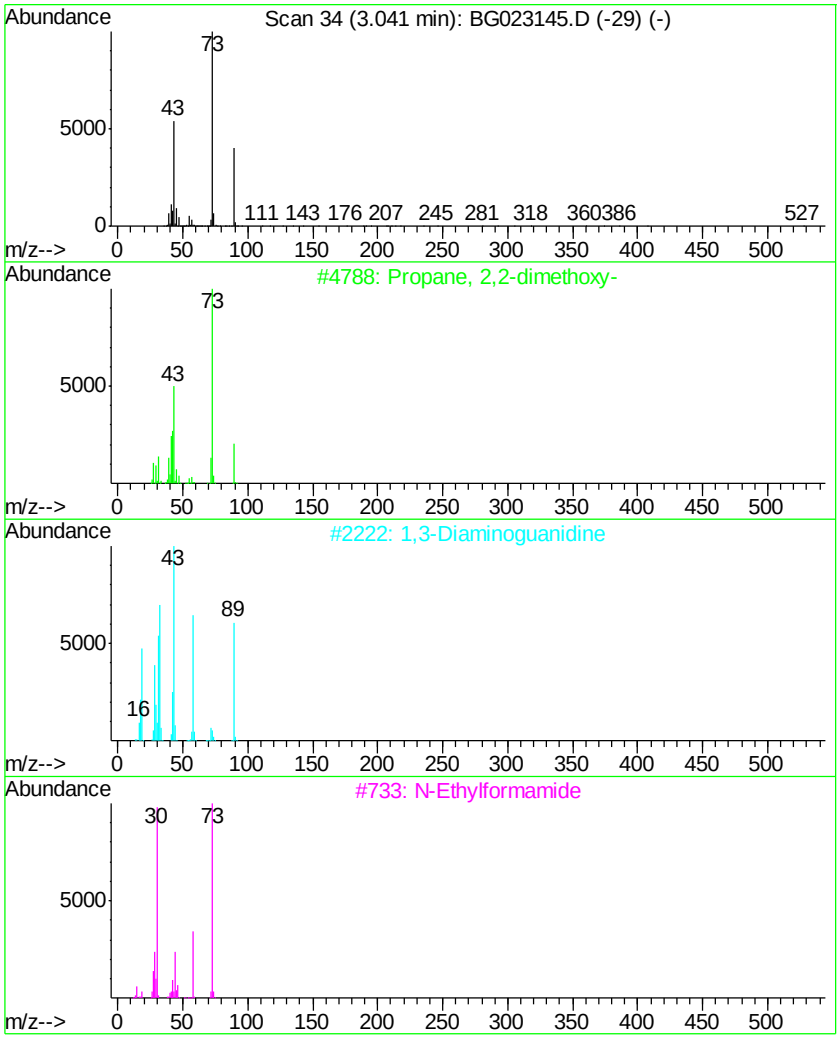
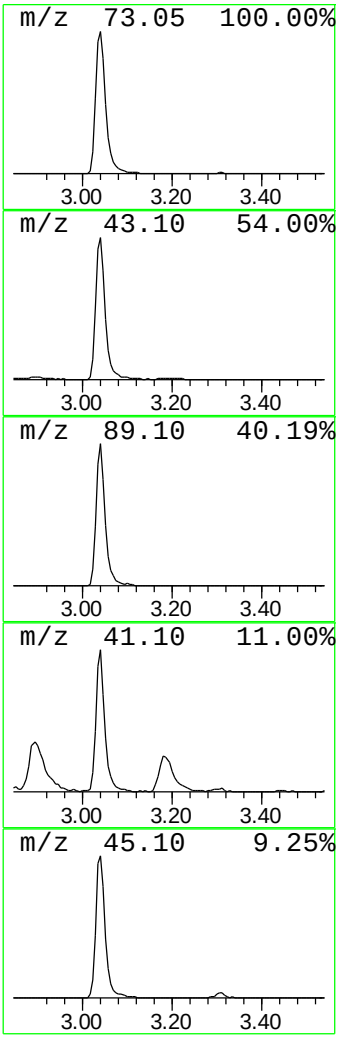
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	172.86 ng	6290070	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





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Instrument : BNA_G
ClientSampleId : D8-B4(0-11)C

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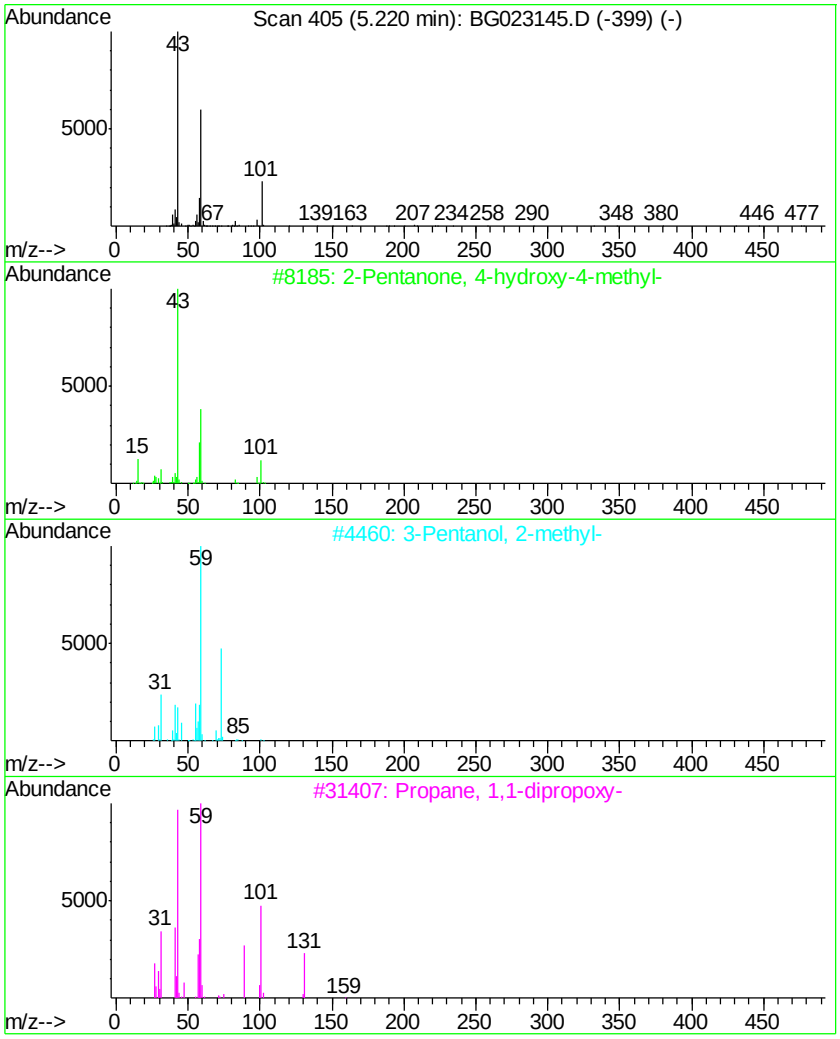
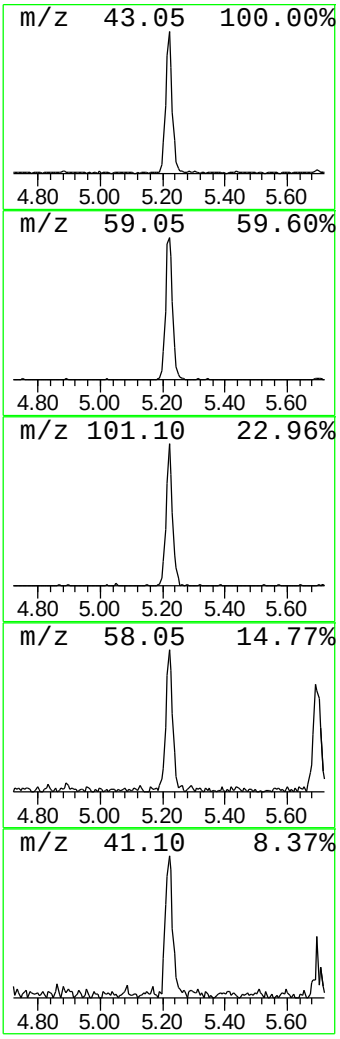
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.34 ng	448980	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
4	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	28
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : D8-B4(0-11)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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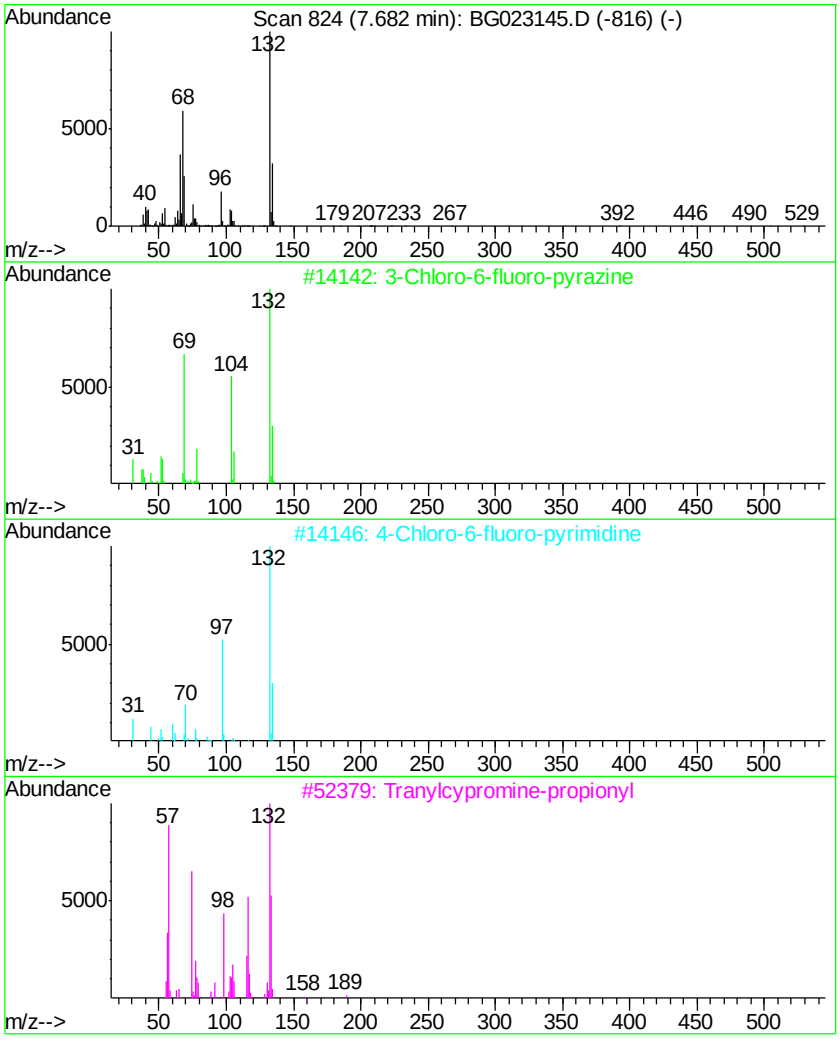
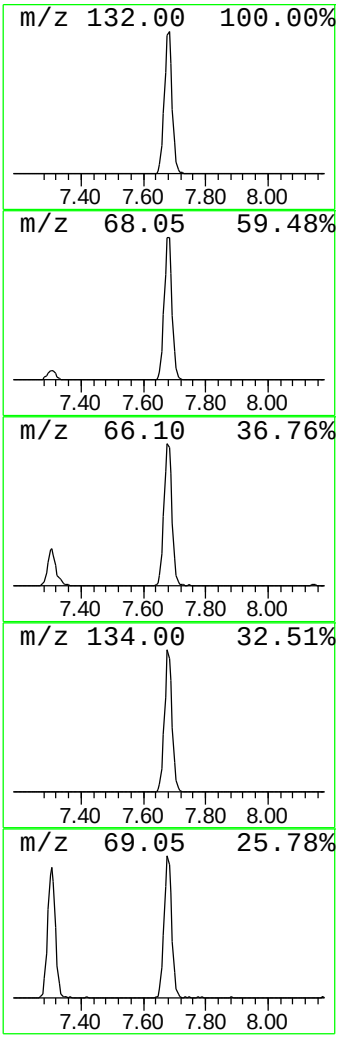
Peak Number 5 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	99.23 ng	3610970	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	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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ClientSampleId : D8-B4(0-11)C

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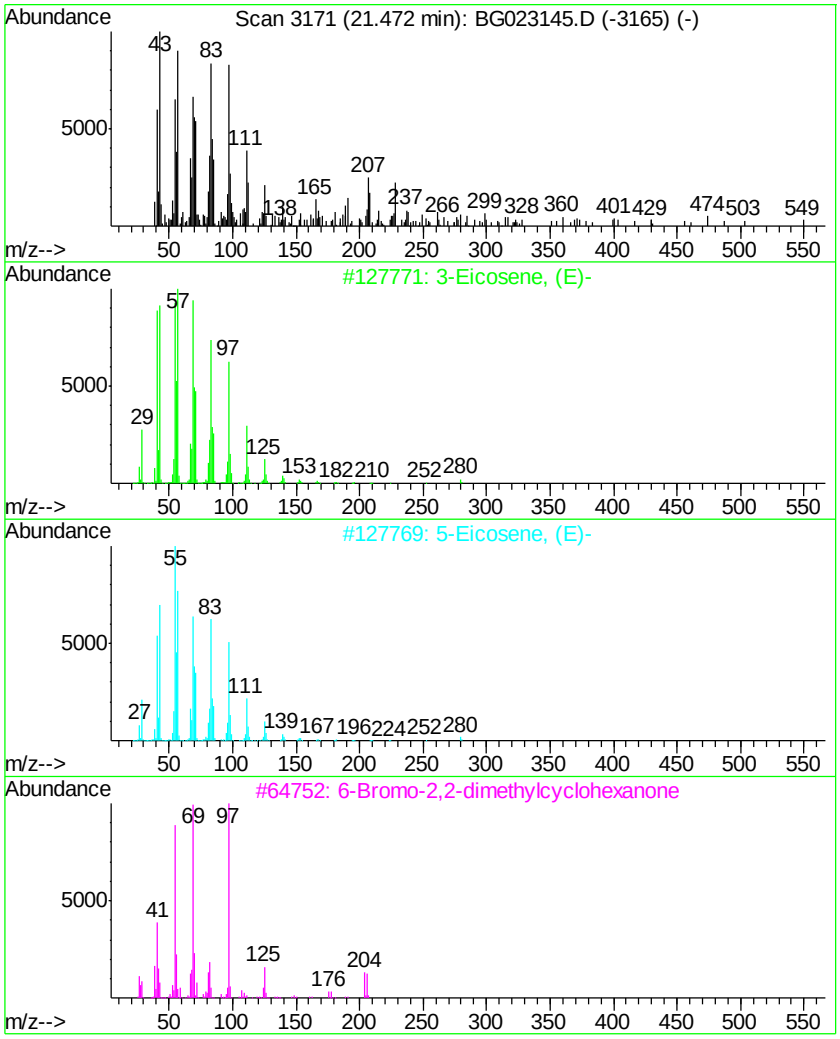
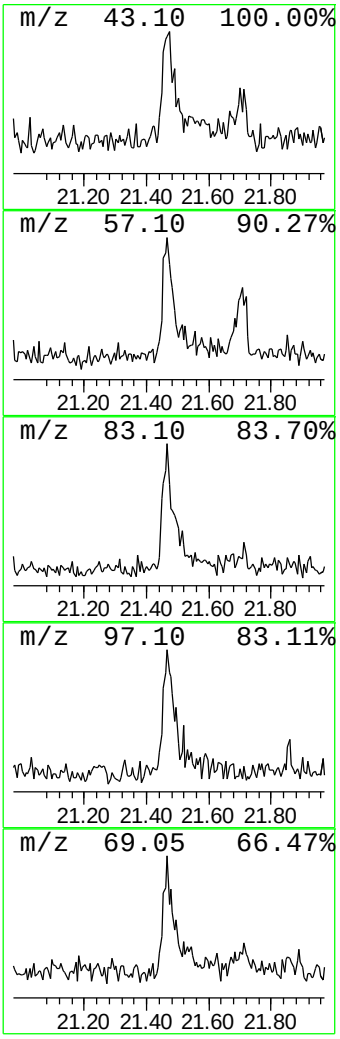
Peak Number 7 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.32 ng	290679	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
3	6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	86
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
5	1-Nonadecene	266	C19H38	018435-45-5	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, met...	2.89	28.4	ng	1034520	1	8.15	727768	20.0
Propane, 2,2-dime...	3.04	172.9	ng	6290070	1	8.15	727768	20.0
2-Pentanone, 4-hy...	5.22	12.3	ng	448980	1	8.15	727768	20.0
unknown7.68	7.68	99.2	ng	3610970	1	8.15	727768	20.0
3-Eicosene, (E)-	21.47	2.3	ng	290679	5	21.85	2505090	20.0