LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	43	48	56	rBV	56995	97121	4.64%	0.694%
2	3.196	56	61	70	rVV	275260	388672	18.58%	2.779%
3	4.712	316	319	323	rBV2	3104	4347	0.21%	0.031%
4	6.786	668	672	677	rVB3	4525	6648	0.32%	0.048%
5	7.268	749	754	757	rBV	3896	5352	0.26%	0.038%
6	7.321	757	763	769	rVB	26870	45776	2.19%	0.327%
7	7.485	784	791	798	rBV	98795	156690	7.49%	1.120%
8	7.697	821	827	834	rBV	98088	159823	7.64%	1.143%
9	8.173	902	908	915	rVB	71703	113084	5.41%	0.808%
10	8.878	1019	1028	1036	rBV	84685	140388	6.71%	1.004%
11	9.348	1100	1108	1116	rVB	130355	227796	10.89%	1.629%
12	10.070	1224	1231	1240	rVB	116362	204695	9.79%	1.463%
13	10.282	1263	1267	1277	rBV4	11387	19955	0.95%	0.143%
14	10.617	1317	1324	1333	rBV	165348	289722	13.85%	2.071%
15	11.005	1382	1390	1397	rVB	103077	177772	8.50%	1.271%
16	12.567	1653	1656	1661	rVB3	2191	3270	0.16%	0.023%
17	13.067	1737	1741	1747	rBV2	3982	5910	0.28%	0.042%
18	14.201	1928	1934	1940	rBV	398447	555039	26.54%	3.968%
19	14.501	1978	1985	1992	rBV	325499	499767	23.90%	3.573%
20	14.806	2029	2037	2047	rBV	191331	301183	14.40%	2.153%
21	14.988	2063	2068	2077	rBV2	31024	49032	2.34%	0.351%
22	15.793	2198	2205	2214	rVB	539957	801496	38.32%	5.730%
23	15.899	2218	2223	2232	rBV	190248	289977	13.87%	2.073%
24	16.034	2241	2246	2250	rVB2	5583	7083	0.34%	0.051%
25	17.544	2497	2503	2511	rVB2	279972	428144	20.47%	3.061%
26	17.644	2514	2520	2528	rVB2	620812	939690	44.93%	6.718%
27	18.884	2724	2731	2732	rBV2	1103	2111	0.10%	0.015%
28	19.559	2841	2846	2850	rVB	7671	9846	0.47%	0.070%
29	19.783	2879	2884	2886	rBV4	2346	3826	0.18%	0.027%
30	19.812	2886	2889	2894	rVB	7005	9061	0.43%	0.065%
31	19.924	2901	2908	2917	rBV	780979	1155584	55.25%	8.261%
32	20.593	3019	3022	3026	rBV4	1321	2444	0.12%	0.017%
33	20.734	3044	3046	3048	rBV2	2853	2616	0.13%	0.019%
34	20.793	3054	3056	3060	rVB3	4172	5380	0.26%	0.038%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

35	21.116	3108	3111	3115	rVB6	3457	4706	0.23%	0.034%
36	21.692	3205	3209	3212	rVV5	6365	9134	0.44%	0.065%
37	21.827	3223	3232	3244	rBV	358529	594664	28.43%	4.251%
38	22.180	3290	3292	3295	rBV4	2151	2107	0.10%	0.015%
39	22.474	3340	3342	3345	rBV4	2770	2267	0.11%	0.016%
40	22.573	3355	3359	3362	rBV5	4580	7391	0.35%	0.053%
41	22.626	3366	3368	3374	rVB4	4186	5564	0.27%	0.040%
42	23.349	3488	3491	3497	rVB6	7345	12353	0.59%	0.088%
43	24.183	3628	3633	3638	rVB8	7734	14758	0.71%	0.106%
44	24.354	3659	3662	3663	rBV3	2781	3300	0.16%	0.024%
45	24.483	3675	3684	3696	rBV	445083	1028401	49.17%	7.352%
46	24.947	3752	3763	3774	rVB	417853	1159917	55.46%	8.292%
47	25.176	3791	3802	3813	rBV2	194905	556388	26.60%	3.978%
48	25.400	3838	3840	3843	rVB3	2289	2374	0.11%	0.017%
49	25.711	3889	3893	3895	rBV4	2746	4748	0.23%	0.034%
50	26.363	3994	4004	4013	rBV6	14201	44449	2.13%	0.318%
51	26.645	4037	4052	4069	rBV2	594794	2091389	100.00%	14.951%
52	27.550	4204	4206	4211	rBV4	2043	2484	0.12%	0.018%
53	27.979	4277	4279	4282	rBV3	2479	3033	0.15%	0.022%
54	29.436	4525	4527	4528	rBV2	2873	2184	0.10%	0.016%
55	29.677	4551	4568	4589	rBV5	247767	1324940	63.35%	9.472%
56	30.746	4748	4750	4752	rBV2	2720	2128	0.10%	0.015%

Sum of corrected areas: 13987979

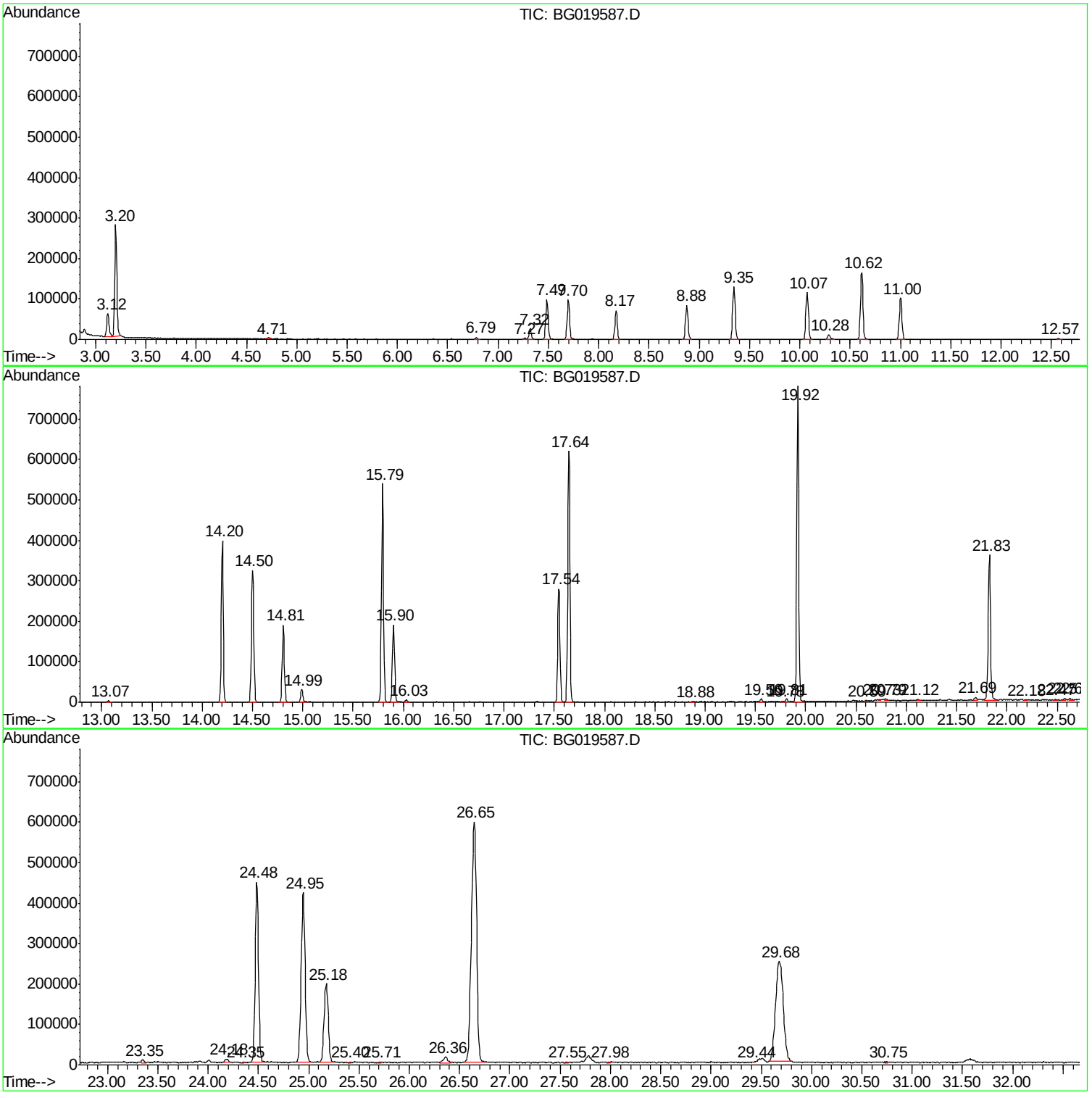
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

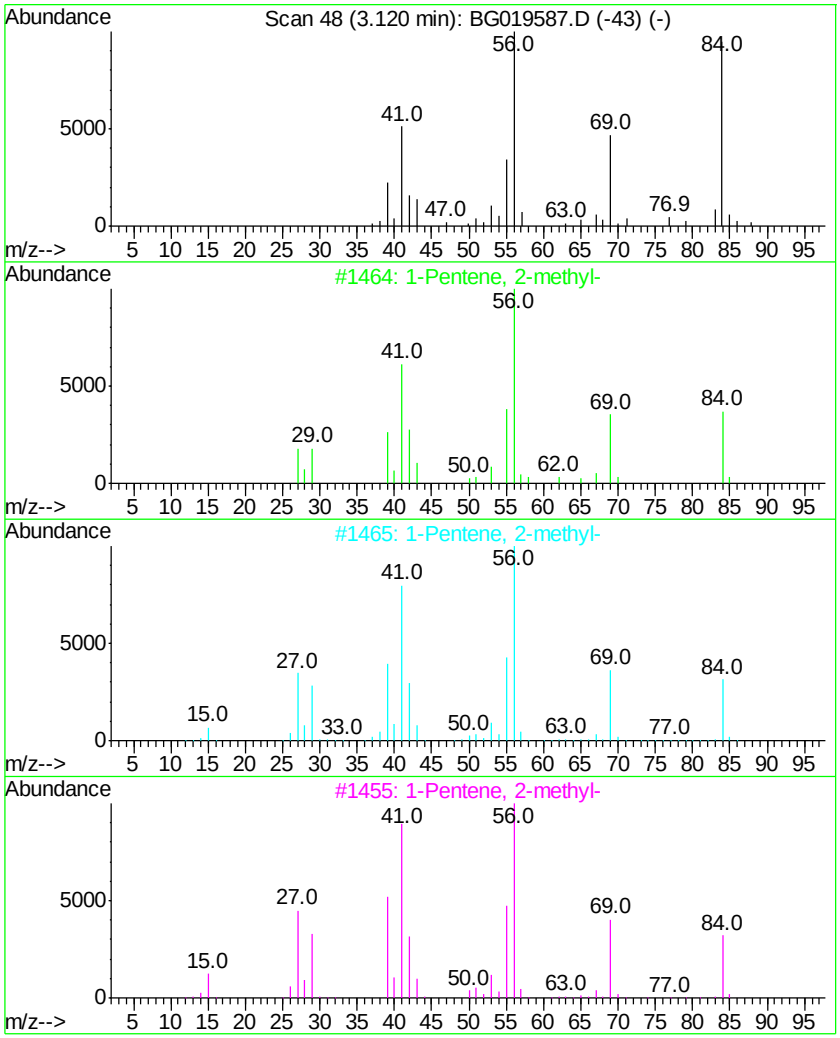
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

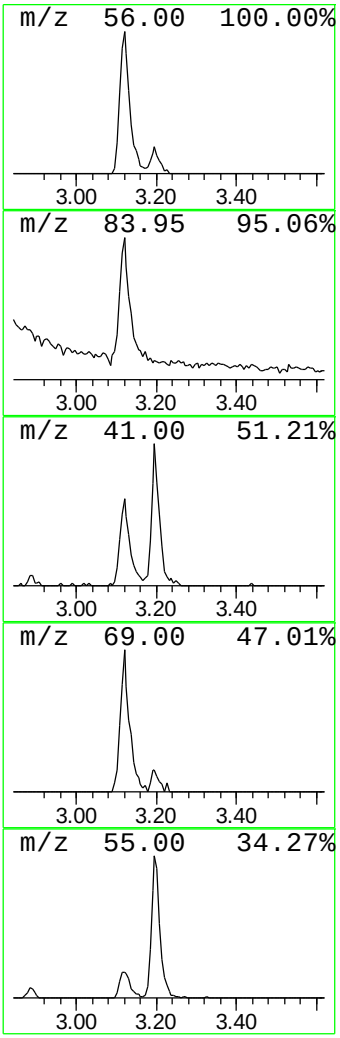
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	17.18 ng/ul	97121	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclohexane	84	C6H12	000110-82-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

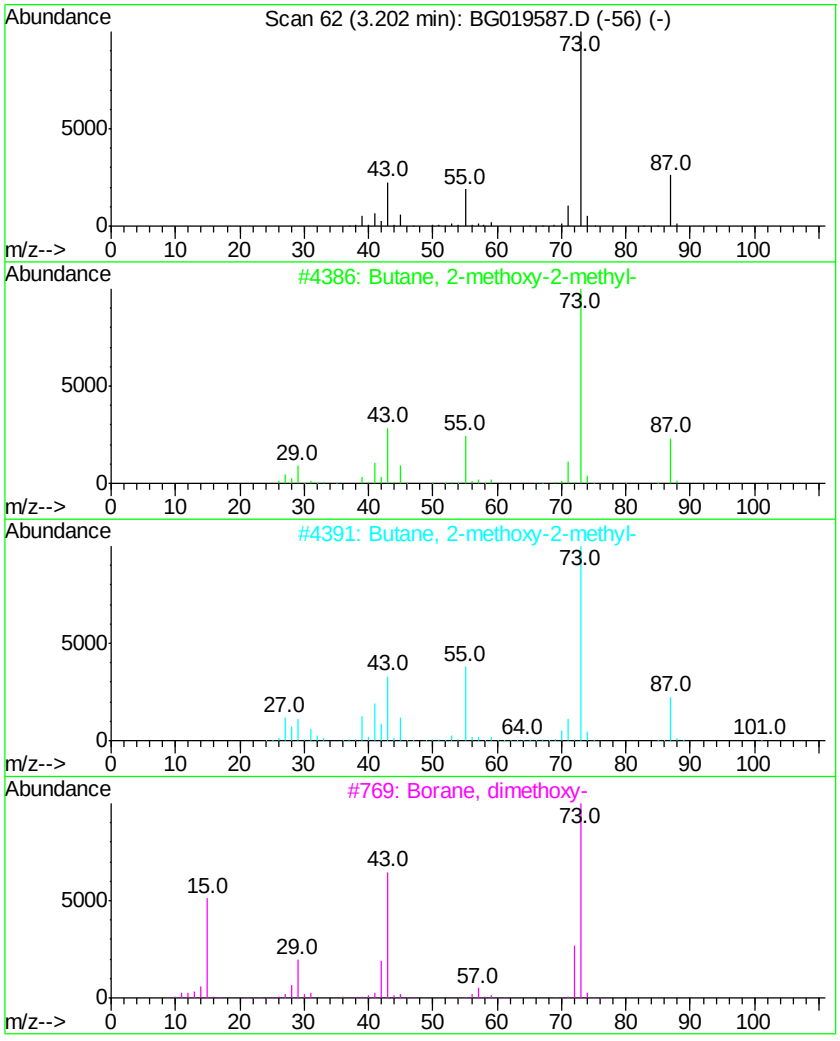
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

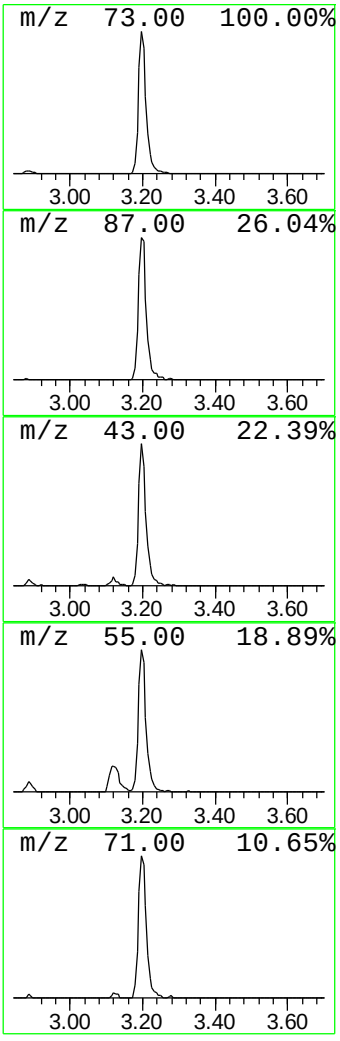
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	68.74 ng/ul	388672	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

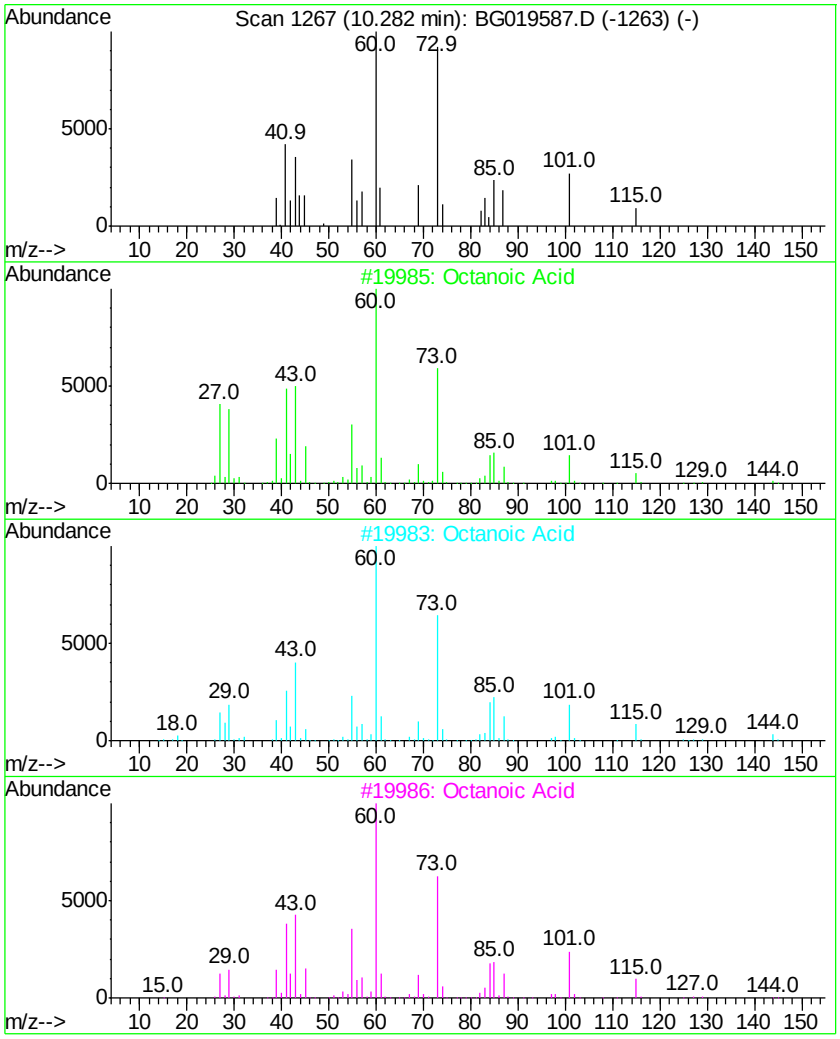
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

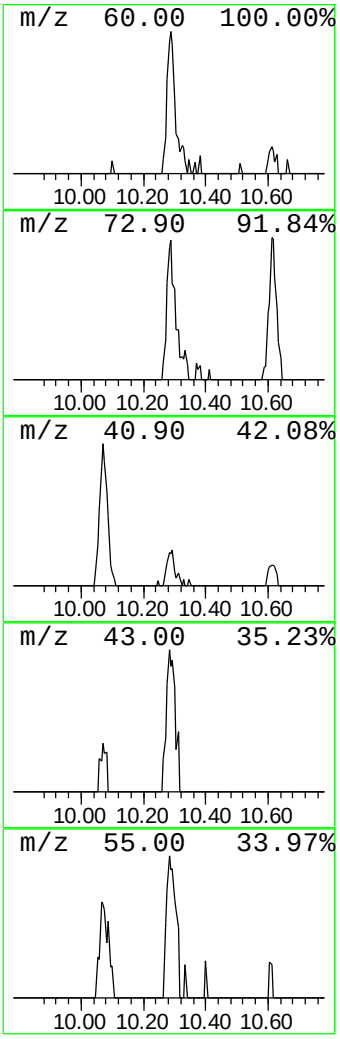
****

Peak Number 3 Octanoic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.25 ng/ul	19955	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	50
2	Octanoic Acid	144	C8H16O2	000124-07-2	50
3	Octanoic Acid	144	C8H16O2	000124-07-2	45
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38
5	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	28





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

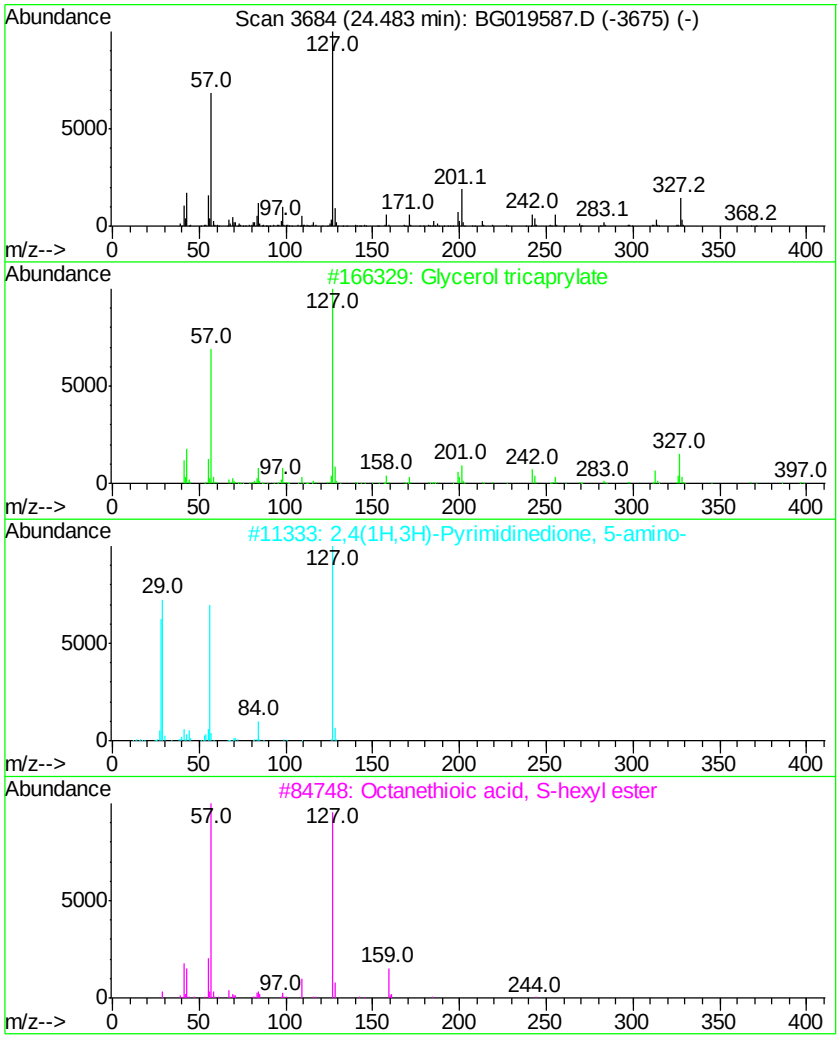
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

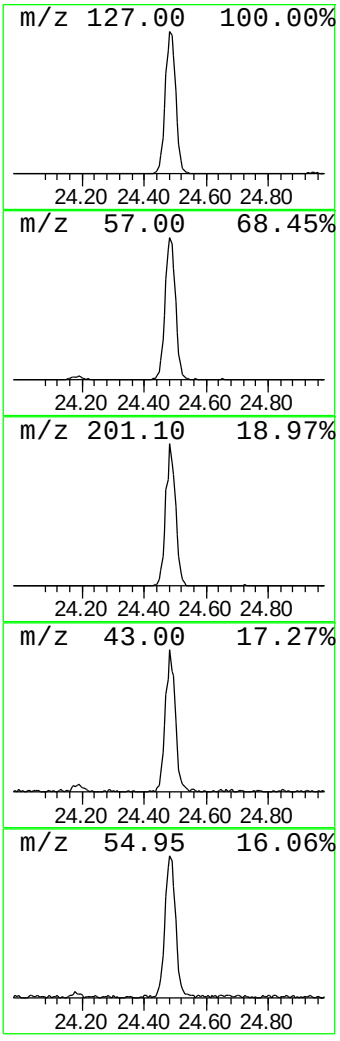
****

Peak Number 4 Glycerol tricaprylate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.48	36.97 ng/ul	1028400	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycerol tricaprylate	470	C27H50O6	000538-23-8	90
2	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	50
3	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	50
4	Piperazine, 1-methyl-4-[2-(p-tol...	282	C14H22N2O2S	016191-68-7	45
5	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

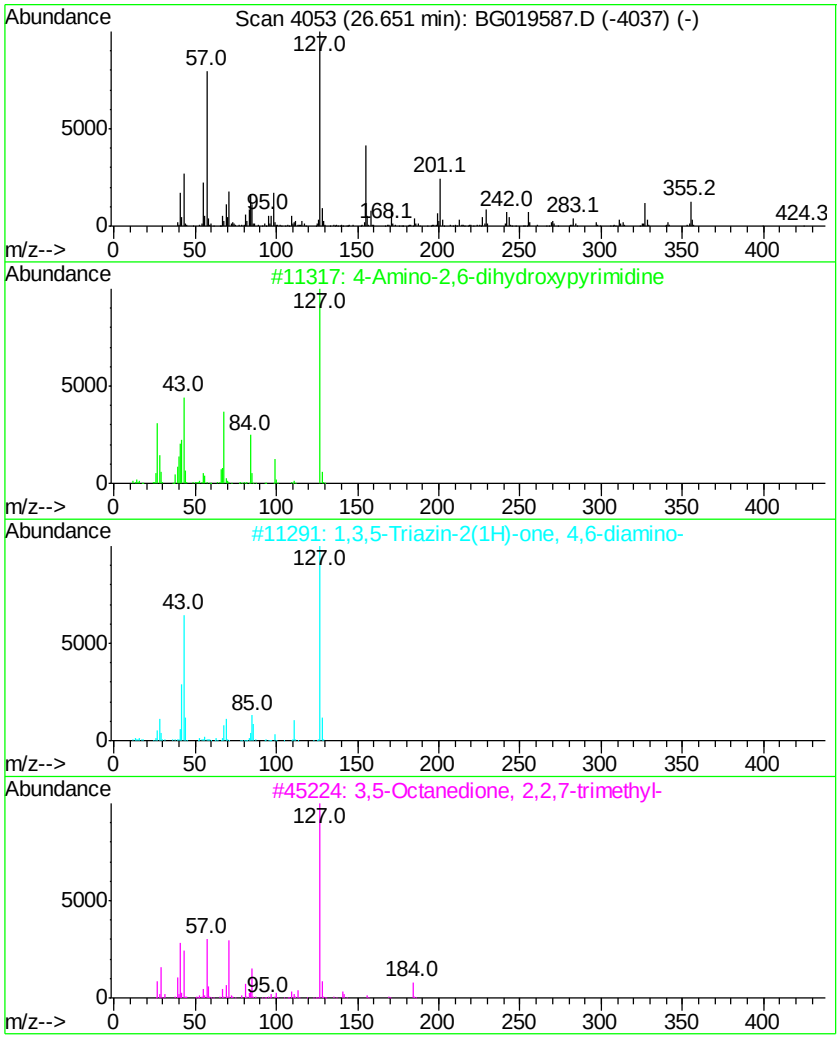
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

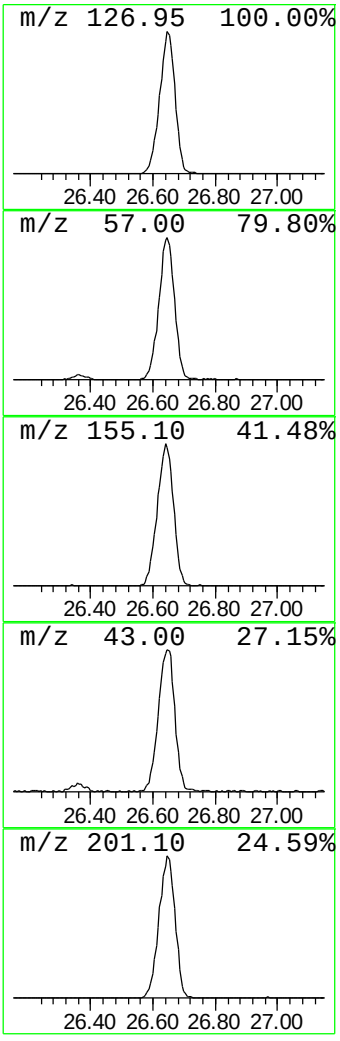
****

Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.65	75.18 ng/ul	2091390	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	35
2	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	35
3	3,5-Octanedione, 2,2,7-trimethyl-	184	C11H20O2	069725-37-7	35
4	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	35
5	Phosphonofluoridic acid, (1-meth...	208	C9H18FO2P	333416-55-0	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

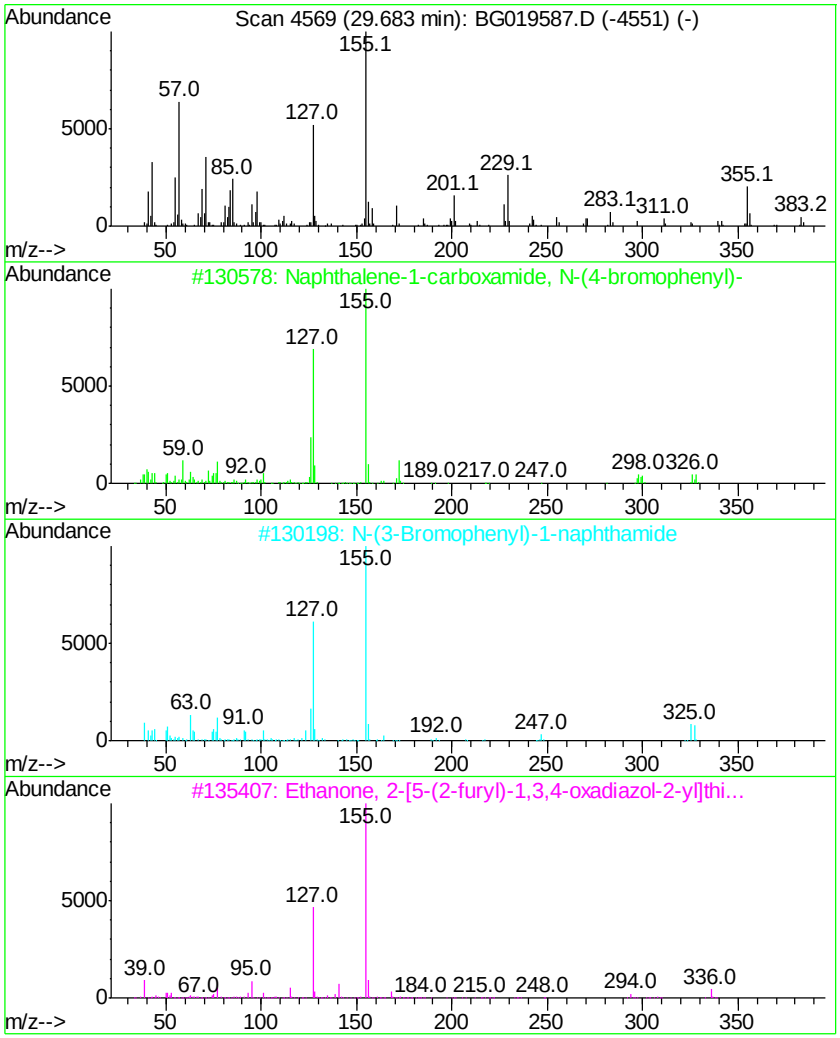
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

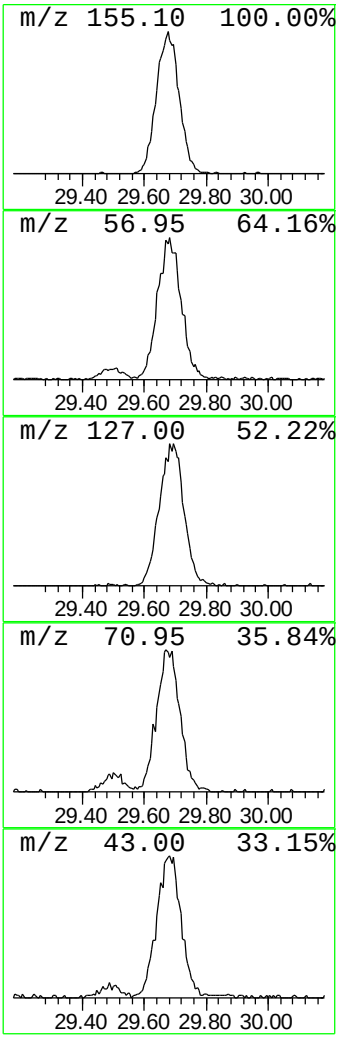
****

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	47.63 ng/ul	1324940	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene-1-carboxamide, N-(4-...	326	C16H11BrN2O	312268-96-5	47
2	N-(3-Bromophenyl)-1-naphthamide	325	C17H12BrNO	329919-63-3	47
3	Ethanone, 2-[5-(2-furyl)-1,3,4-o...	336	C18H12N2O3S	296243-46-4	47
4	Piperidin-2-one-5-carboxylic aci...	155	C7H9NO3	080658-33-9	47
5	Decanoic acid, 1,2,3-propanetriy...	554	C33H62O6	000621-71-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111215\
Data File : BG019587.D
Acq On : 12 Nov 2015 17:06
Operator : UM/NP
Sample : G4308-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9KT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	17.2	ng/ul	97121	1	8.17	113084	20.0
Butane, 2-methoxy...	3.20	68.7	ng/ul	388672	1	8.17	113084	20.0
Octanoic Acid	10.28	2.3	ng/ul	19955	2	11.00	177772	20.0
Glycerol tricapry...	24.48	37.0	ng/ul	1028400	6	25.18	556388	20.0
unknown-01	26.65	75.2	ng/ul	2091390	6	25.18	556388	20.0
unknown-02	29.68	47.6	ng/ul	1324940	6	25.18	556388	20.0