LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015935.D
Acq On : 27 Jan 2015 7:25
Operator : TP/IZ
Sample : G1139-01
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B1

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-BG012015.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	2.823	19	23	32	rVB2	146268	249823	2.16%	0.475%
2	2.905	32	37	41	rBV	238159	277197	2.40%	0.527%
3	4.815	355	362	368	rBV	311186	449742	3.89%	0.855%
4	5.285	433	442	450	rBV	2200976	3210158	27.79%	6.105%
5	6.871	703	712	721	rBV	2447942	3866389	33.47%	7.353%
6	7.224	763	772	780	rBV	2241478	3504530	30.34%	6.664%
7	7.688	844	851	859	rBV	409560	655400	5.67%	1.246%
8	8.005	898	905	911	rBV	1629885	2591354	22.43%	4.928%
9	8.839	1040	1047	1056	rBV	1466962	2443215	21.15%	4.646%
10	10.467	1318	1324	1331	rVB	504301	816616	7.07%	1.553%
11	12.946	1739	1746	1753	rBV	3865505	5717948	49.50%	10.874%
12	13.787	1881	1889	1899	rBV	521304	710459	6.15%	1.351%
13	14.333	1975	1982	1990	rVB2	864440	1382354	11.97%	2.629%
14	14.609	2024	2029	2035	rBV2	104704	170285	1.47%	0.324%
15	15.696	2205	2214	2220	rBV	286299	395488	3.42%	0.752%
16	15.825	2229	2236	2250	rBV	4155209	5920752	51.25%	11.259%
17	17.077	2443	2449	2454	rBV2	1478481	1965539	17.02%	3.738%
18	17.982	2597	2603	2612	rBV2	203741	374714	3.24%	0.713%
19	19.145	2795	2801	2809	rBV2	112341	203015	1.76%	0.386%
20	19.509	2852	2863	2866	rBV4	100345	230992	2.00%	0.439%
21	19.715	2892	2898	2903	rBV	9149969	11551795	100.00%	21.968%
22	20.978	3109	3113	3125	rBV2	468648	803667	6.96%	1.528%
23	21.178	3144	3147	3151	rBV	108515	125993	1.09%	0.240%
24	21.266	3157	3162	3167	rBV	2077254	2577330	22.31%	4.901%
25	23.522	3539	3546	3558	rVB	1162017	2390723	20.70%	4.546%

Sum of corrected areas: 52585478

LSC Report - Integrated Chromatogram

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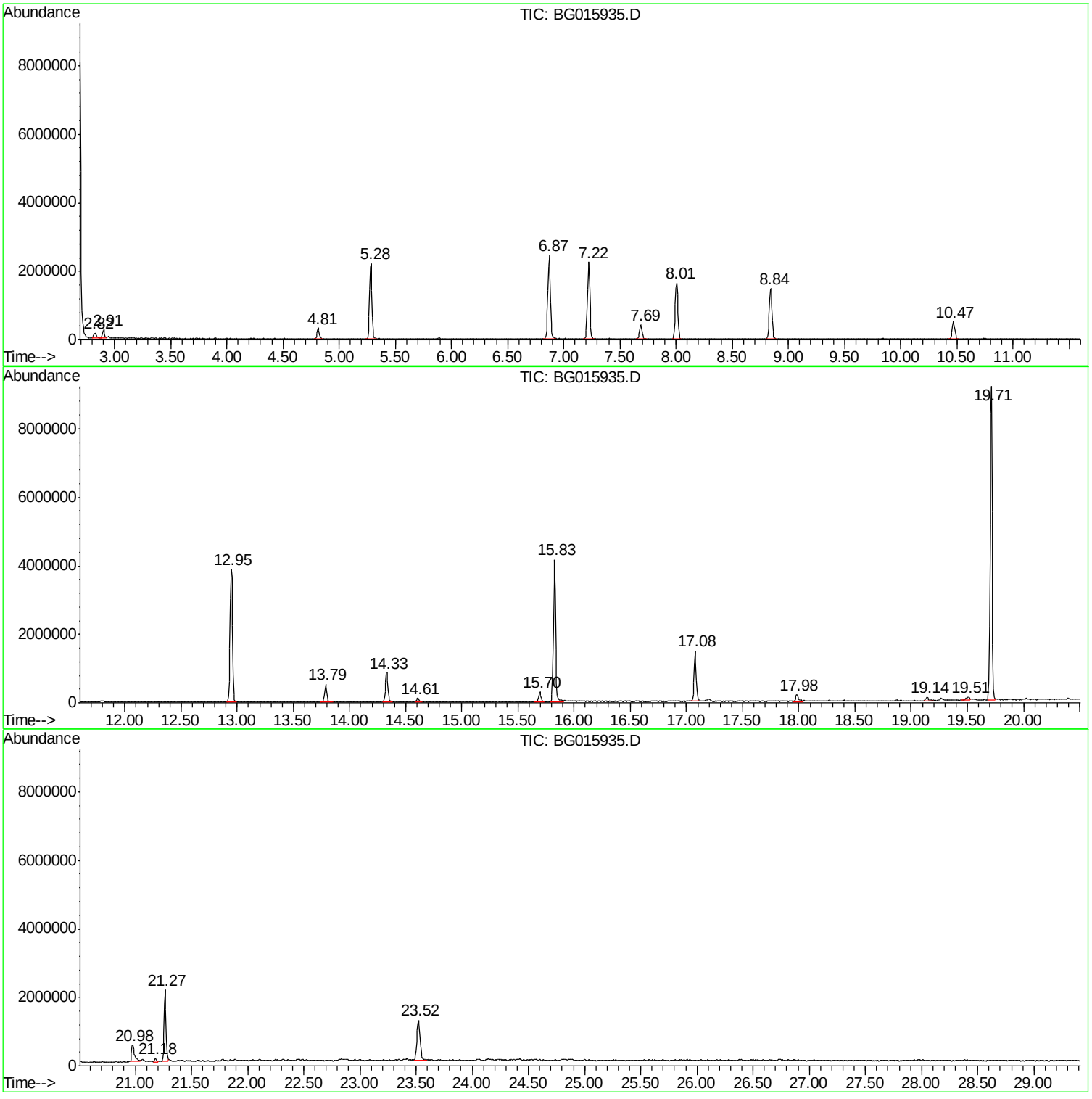
Operator : TP/IZ
Sample : G1139-01
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015935.D
Acq On : 27 Jan 2015 7:25
Operator : TP/IZ
Sample : G1139-01
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

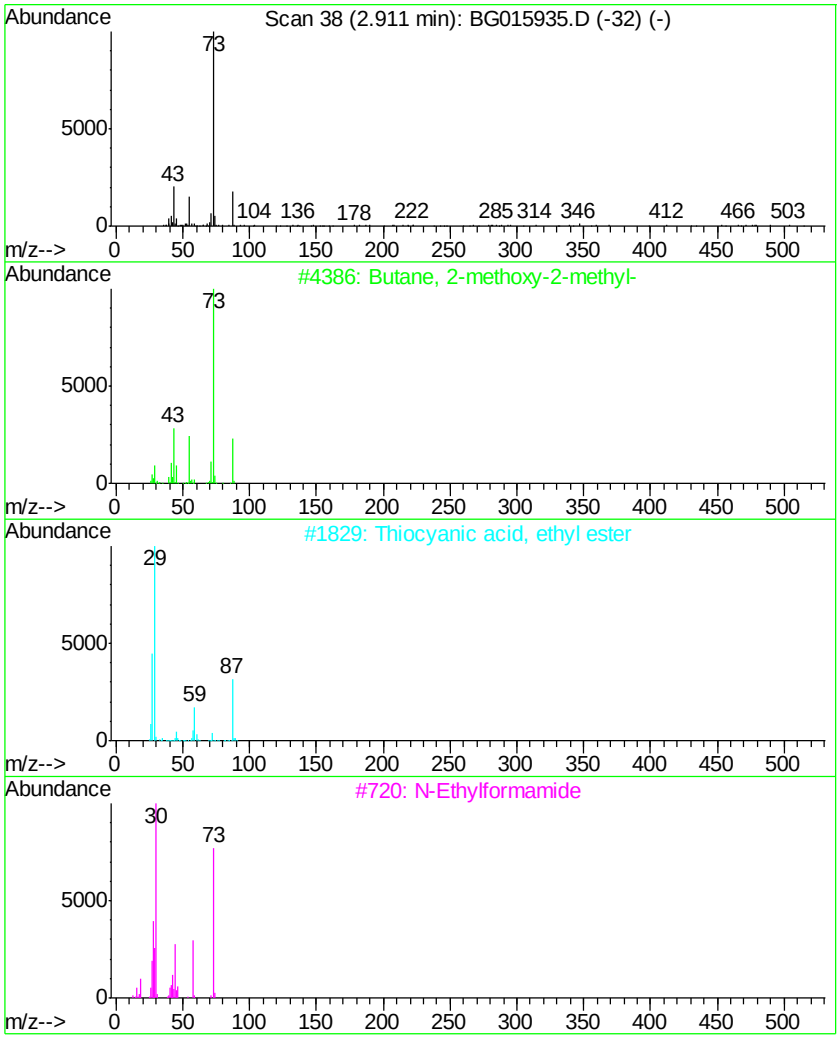
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

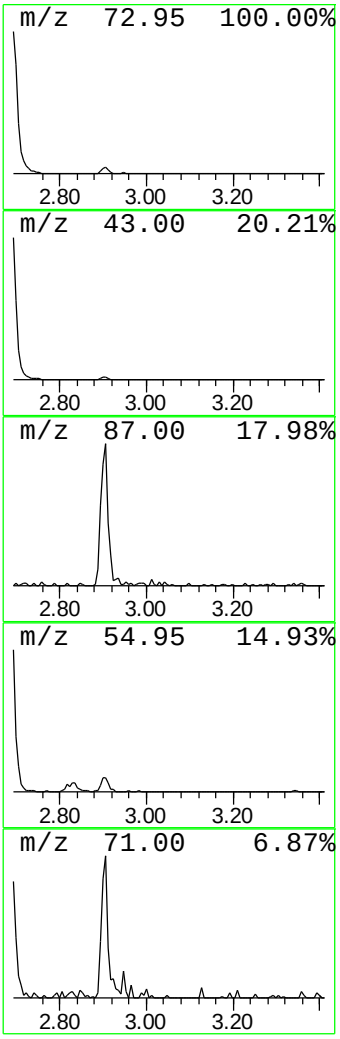
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	8.46 ng	277197	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9





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Data File : BG015935.D
Acq On : 27 Jan 2015 7:25
Operator : TP/IZ
Sample : G1139-01
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

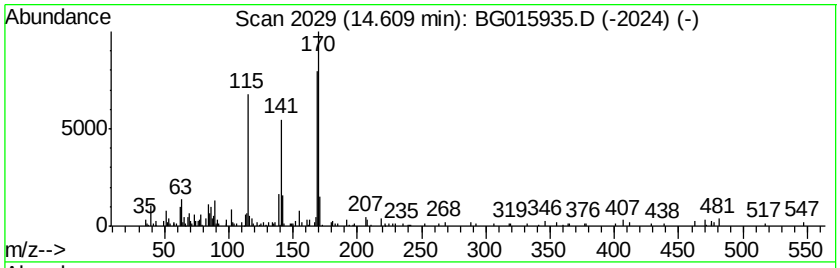
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

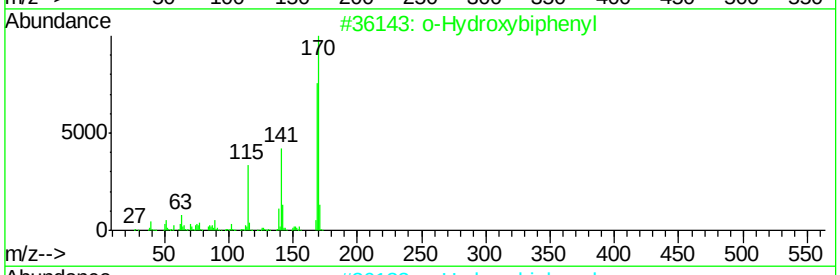
****

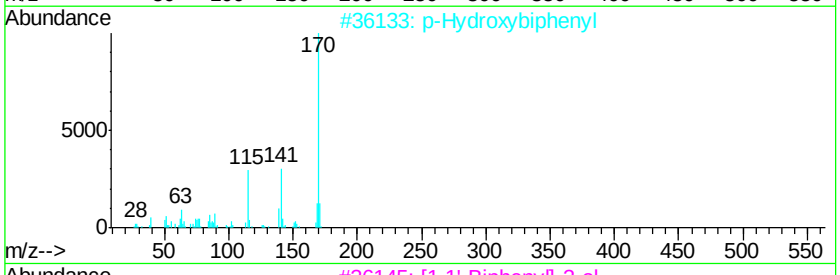
Peak Number 6 o-Hydroxybiphenyl Concentration Rank 9

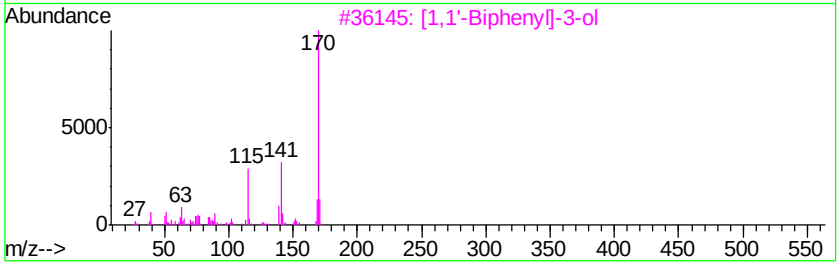
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.46 ng	170285	Acenaphthene-d10	14.33

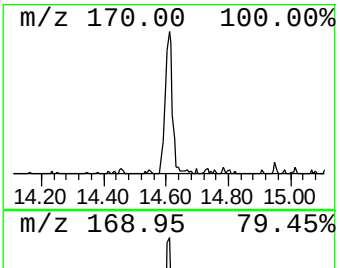
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	90
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
3	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	70
4	1-Naphthalenecarboxaldehyde, 4-m...	170	C12H10O	033738-48-6	58
5	1H,3H-Naphtho[1,8-cd]pyran	170	C12H10O	000203-84-9	52

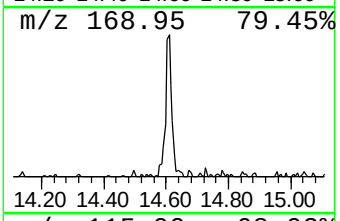


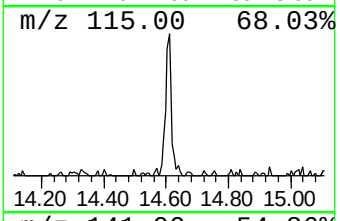


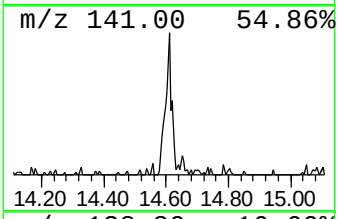


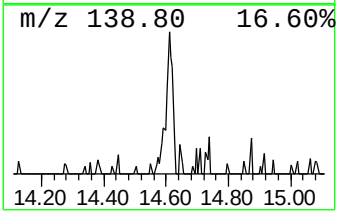












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Data File : BG015935.D
Acq On : 27 Jan 2015 7:25
Operator : TP/IZ
Sample : G1139-01
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

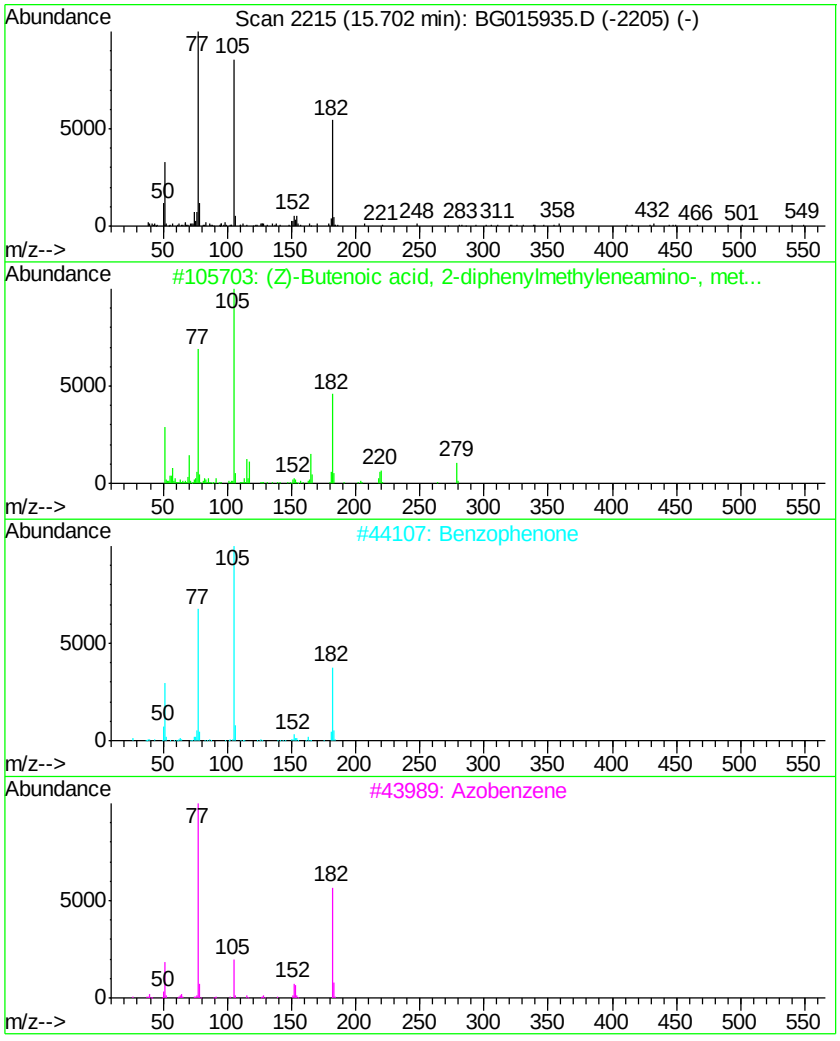
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

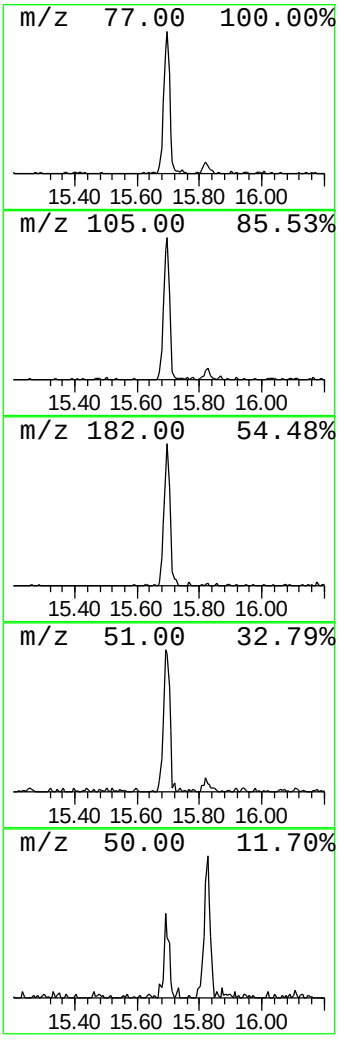
****

Peak Number 7 (Z)-Butenoic acid, 2-diphen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	5.72 ng	395488	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-Butenoic acid, 2-diphenylmet...	279	C18H17NO2	120238-59-7	78
2	Benzophenone	182	C13H10O	000119-61-9	74
3	Azobenzene	182	C12H10N2	000103-33-3	74
4	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64





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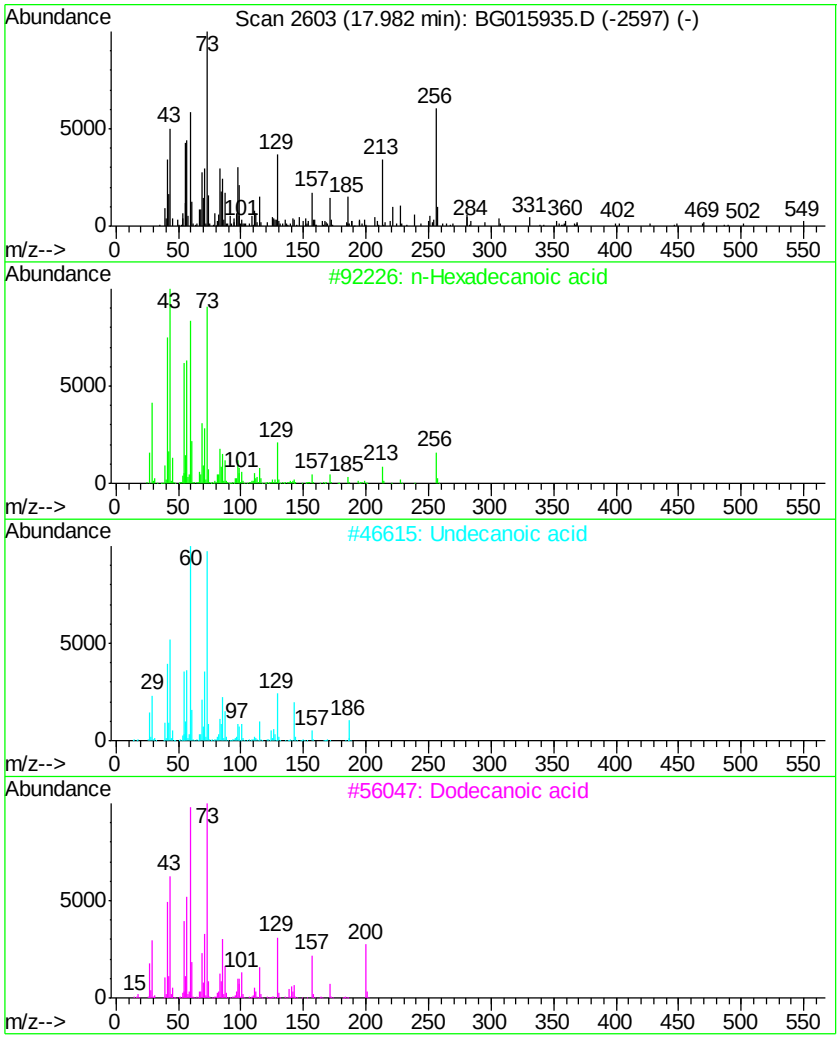
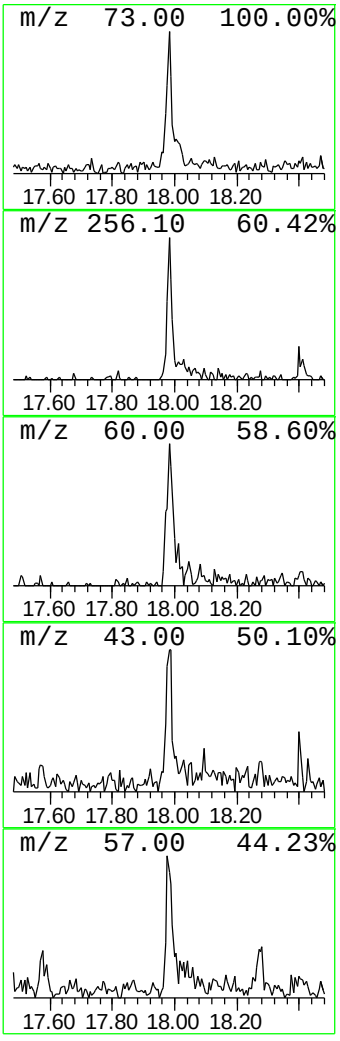
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.81 ng	374714	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Undecanoic acid	186	C11H22O2	000112-37-8	35
3	Dodecanoic acid	200	C12H24O2	000143-07-7	25
4	Nonanoic acid	158	C9H18O2	000112-05-0	22
5	n-Decanoic acid	172	C10H20O2	000334-48-5	20





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Sample : G1139-01
Misc : S
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Instrument : BNA_G
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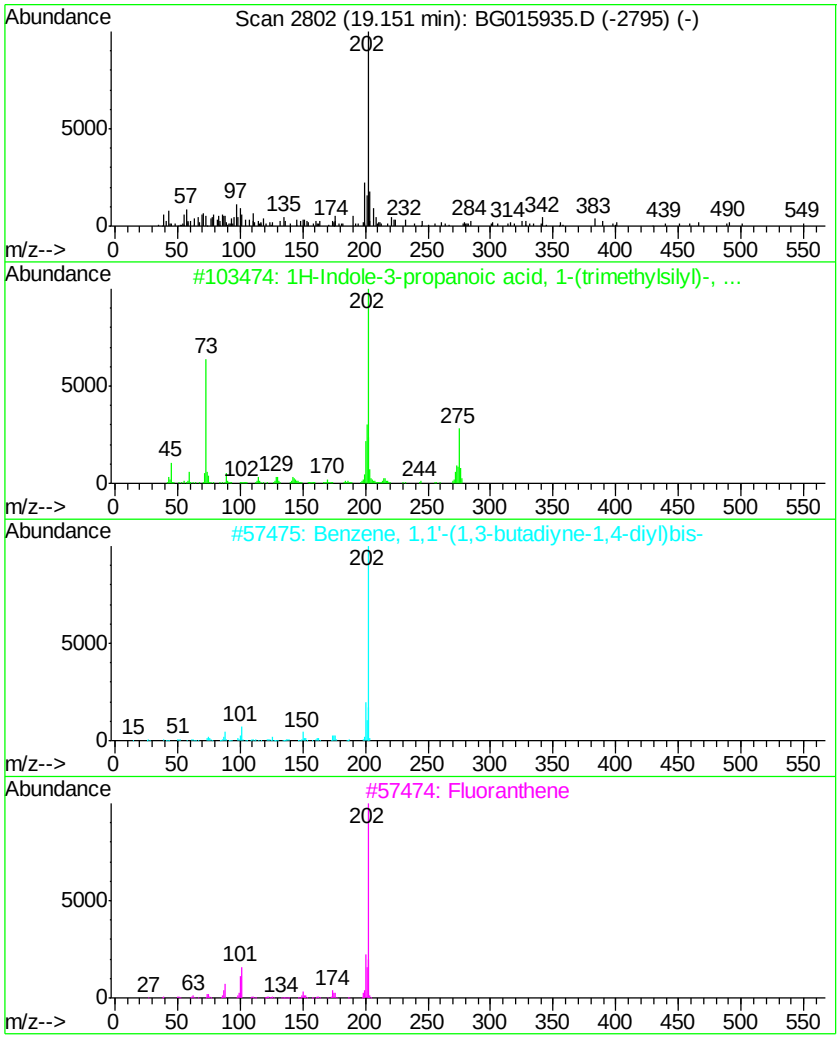
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

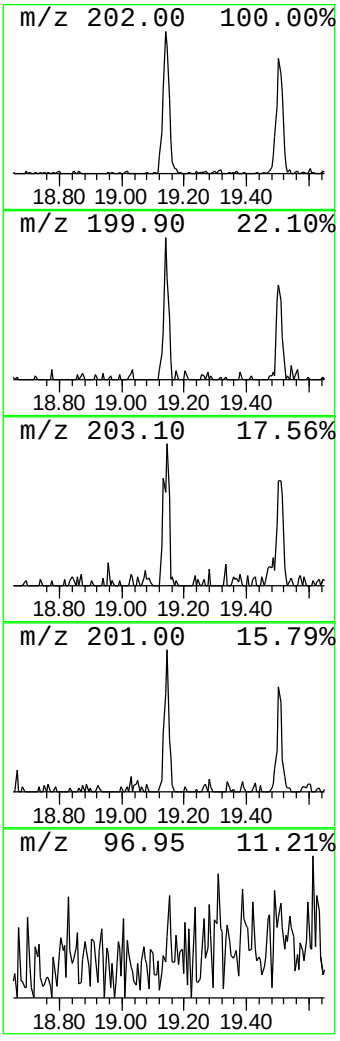
****

Peak Number 9 1H-Indole-3-propanoic acid,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.07 ng	203015	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	72
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
3	Fluoranthene	202	C16H10	000206-44-0	64
4	Pyrene	202	C16H10	000129-00-0	52
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	45





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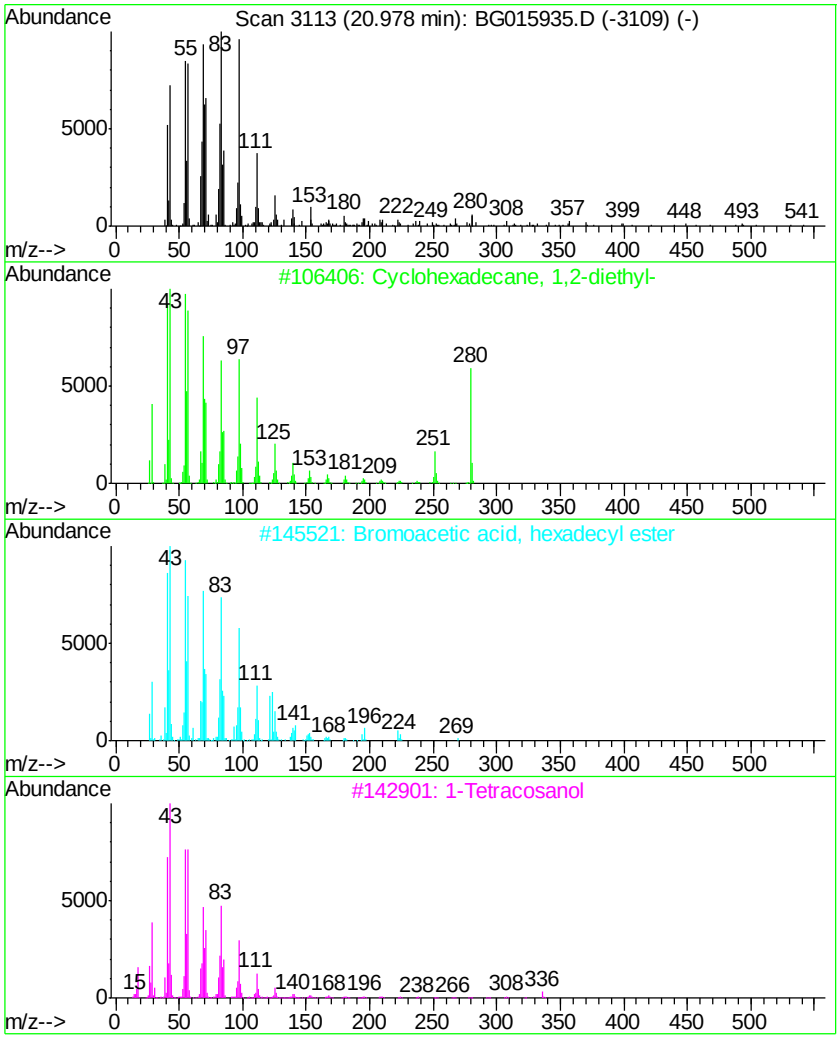
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

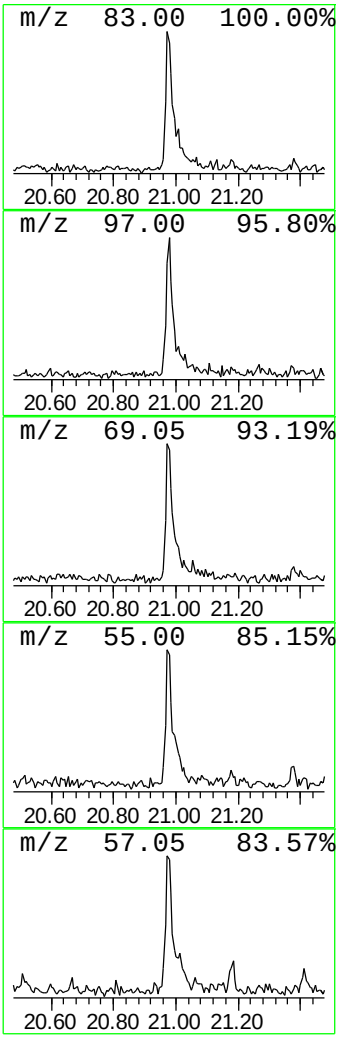
****

Peak Number 10 Cyclohexadecane, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	6.24 ng	803667	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
3	1-Tetracosanol	354	C24H50O	000506-51-4	83
4	1-Eicosene	280	C20H40	003452-07-1	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	80





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.91	8.5	ng	277197	1	7.68	655400	20.0
o-Hydroxybiphenyl	14.61	2.5	ng	170285	3	14.33	1382350	20.0
(Z)-Butenoic acid...	15.70	5.7	ng	395488	3	14.33	1382350	20.0
n-Hexadecanoic acid	17.98	3.8	ng	374714	4	17.08	1965540	20.0
1H-Indole-3-propa...	19.15	2.1	ng	203015	4	17.08	1965540	20.0
Cyclohexadecane, ...	20.98	6.2	ng	803667	5	21.27	2577330	20.0