LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046155.D
Acq On : 3 Aug 2020 18:42
Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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	3.158	7	12	33	rVB	1398882	2067980	31.20%	6.516%
2	5.538	409	417	426	rBV	1030497	1643649	24.79%	5.179%
3	7.119	676	686	698	rBV	718601	1214804	18.33%	3.828%
4	7.953	821	828	836	rBV	329056	545247	8.23%	1.718%
5	9.104	1016	1024	1034	rBV	988837	1750640	26.41%	5.516%
6	10.750	1296	1304	1312	rVB	452830	813317	12.27%	2.563%
7	11.390	1404	1413	1421	rVB	39461	79313	1.20%	0.250%
8	13.206	1714	1722	1729	rBV	2611415	4101698	61.87%	12.924%
9	14.575	1948	1955	1965	rBV2	743758	1170630	17.66%	3.688%
10	15.321	2075	2082	2090	rVB	167163	233388	3.52%	0.735%
11	15.397	2090	2095	2101	rVB2	51341	72373	1.09%	0.228%
12	15.797	2156	2163	2168	rBV	359540	542508	8.18%	1.709%
13	16.061	2200	2208	2217	rBV	2181467	3318063	50.05%	10.455%
14	16.161	2217	2225	2234	rVV	1158203	2013382	30.37%	6.344%
15	17.318	2416	2422	2433	rBV	940131	1428045	21.54%	4.500%
16	18.217	2568	2575	2583	rBV9	44541	96403	1.45%	0.304%
17	18.723	2658	2661	2671	rVB2	38779	68515	1.03%	0.216%
18	19.363	2766	2770	2775	rVB	48010	71122	1.07%	0.224%
19	19.627	2811	2815	2821	rVB	72481	90101	1.36%	0.284%
20	19.733	2827	2833	2841	rVB2	77028	160108	2.42%	0.504%
21	19.933	2861	2867	2877	rVB	4882312	6629131	100.00%	20.887%
22	21.560	3138	3144	3151	rBV	1051552	1681258	25.36%	5.297%
23	24.669	3663	3673	3684	rBV2	651308	1727076	26.05%	5.442%
24	28.758	4359	4369	4381	rBV2	58177	219018	3.30%	0.690%

Sum of corrected areas: 31737769

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
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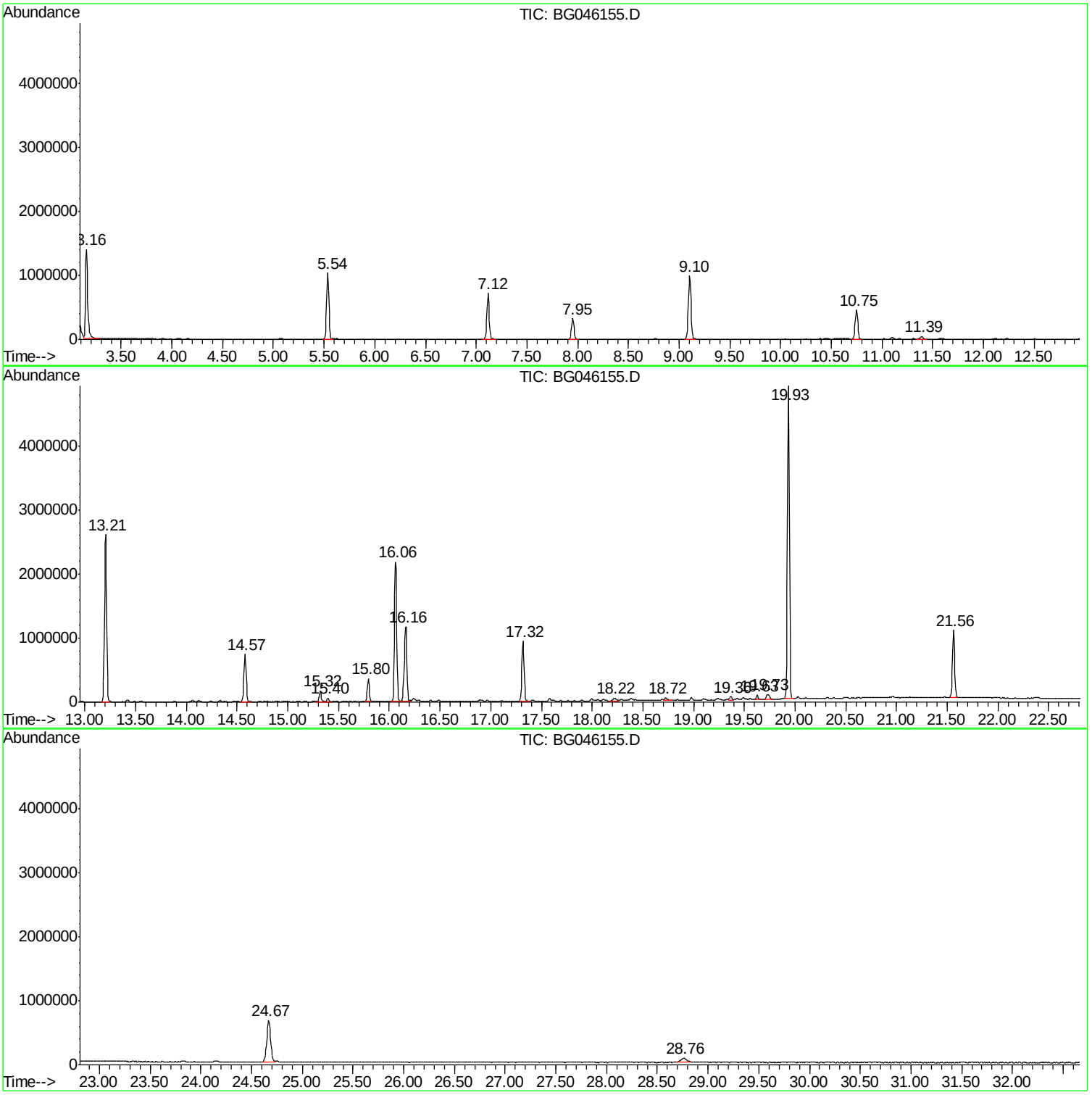
Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046155.D
Acq On : 3 Aug 2020 18:42
Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

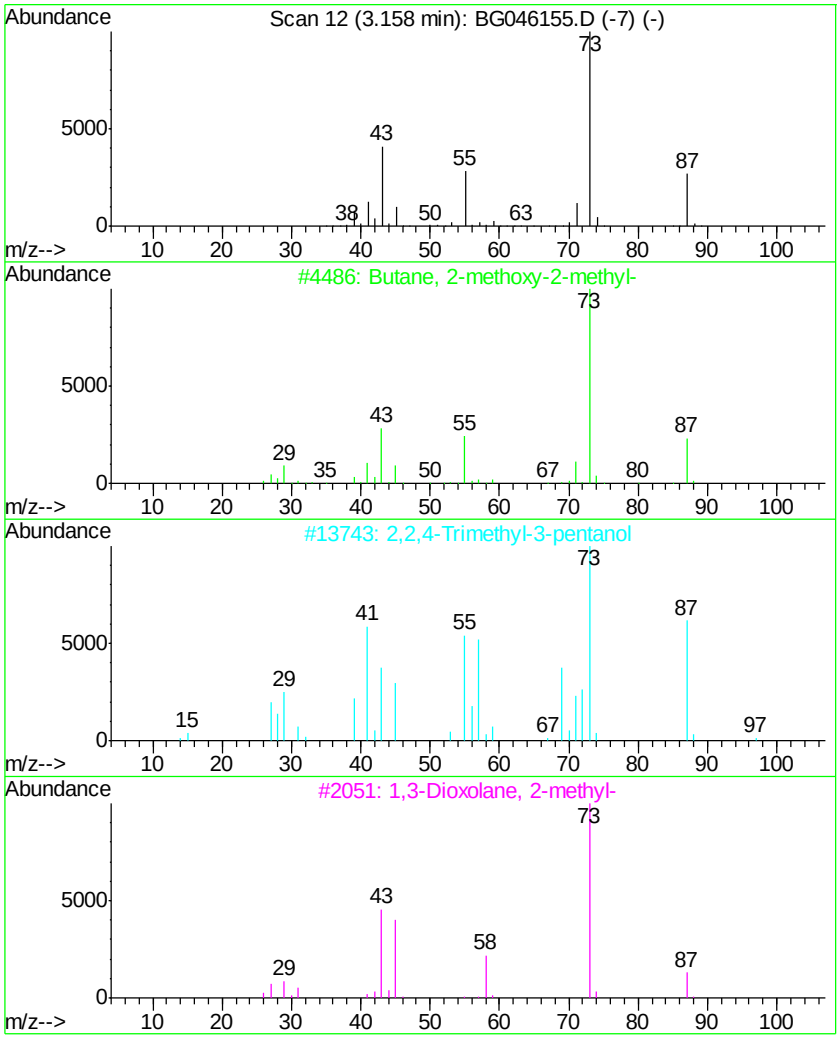
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

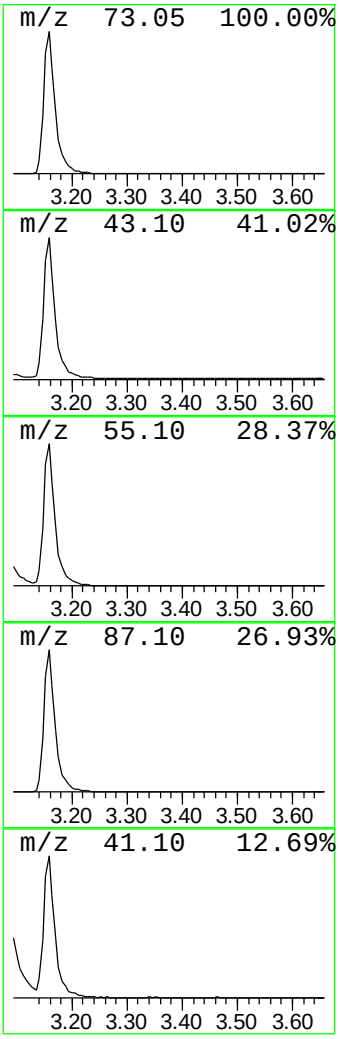
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	75.85 ng	2067980	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

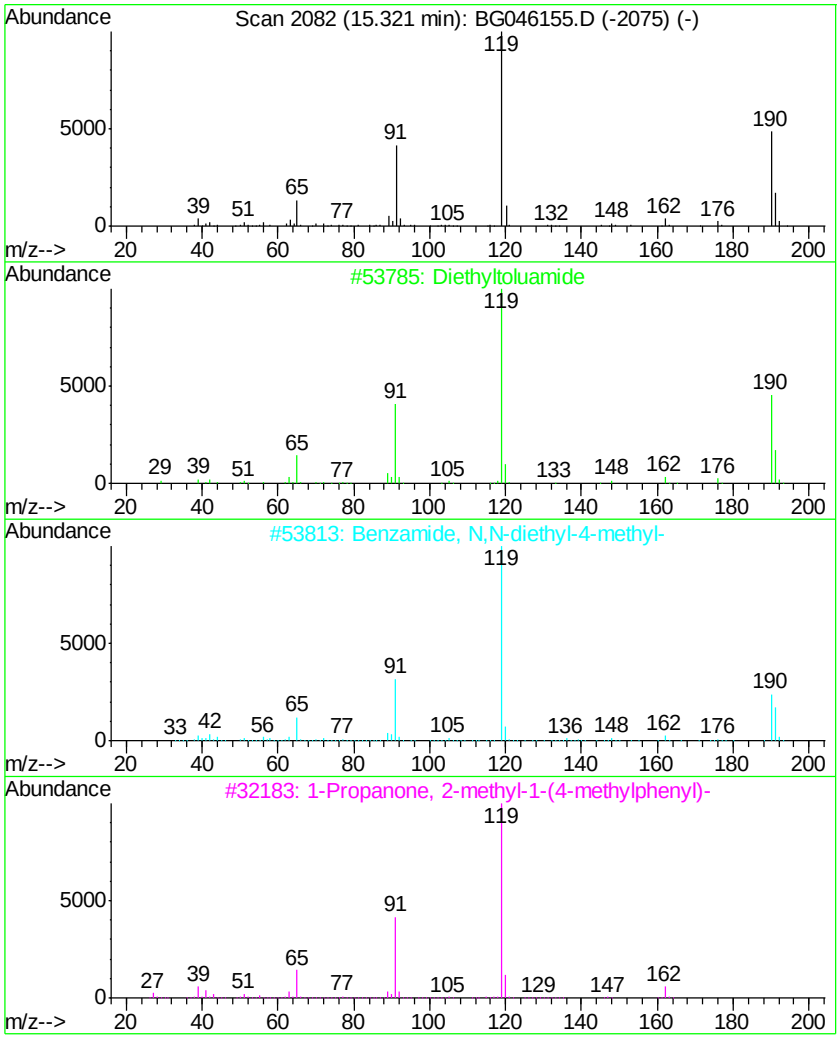
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

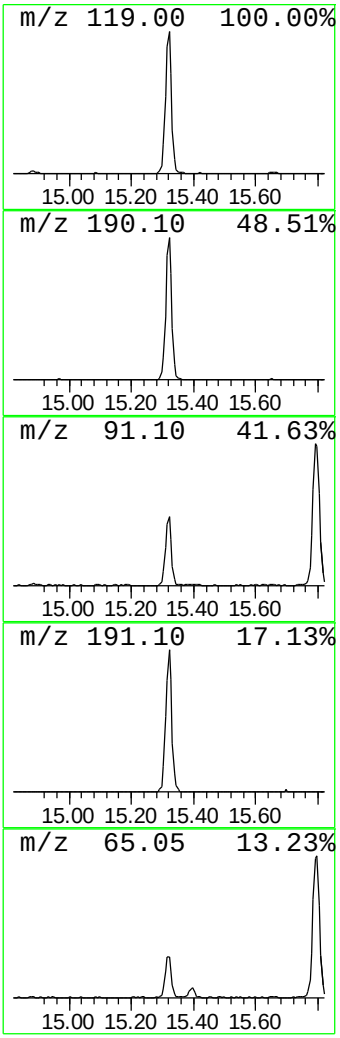
****

Peak Number 2 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.99 ng	233388	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	1-Propanone, 2-methyl-1-(4-methy...	162	C11H14O	050390-51-7	62
4	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	59
5	N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046155.D
Acq On : 3 Aug 2020 18:42
Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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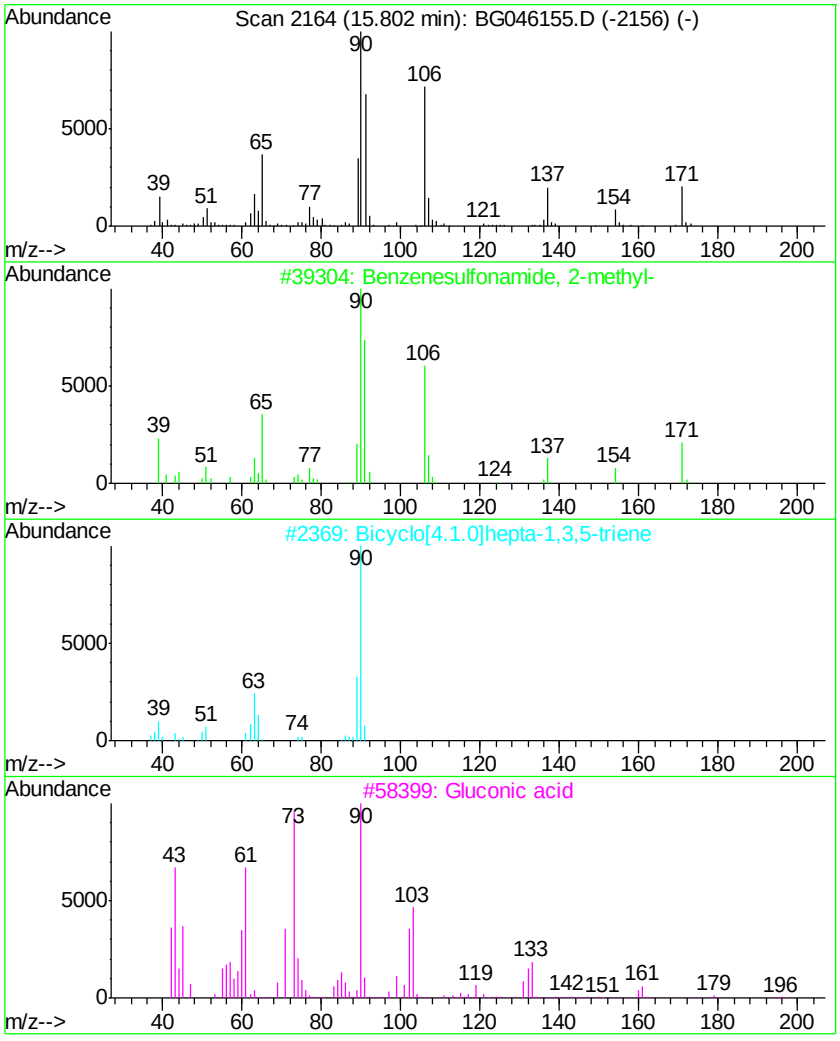
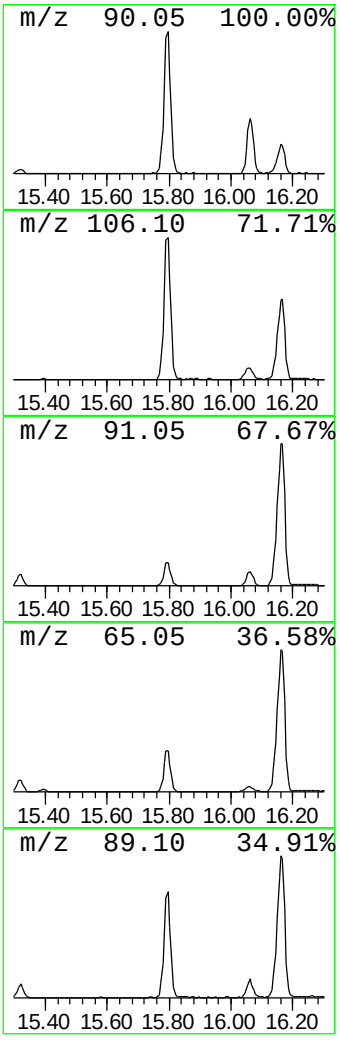
Peak Number 3 Benzenesulfonamide, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	9.27 ng	542508	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	95
2	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	46
3	Gluconic acid	196	C6H12O7	000526-95-4	43
4	4-(2-Aminoethyl)benzenesulfonamide	200	C8H12N2O2S	035303-76-5	28
5	Nitroethene, 2-(2,4-dibenzyloxy)...	361	C22H19NO4	1000223-52-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046155.D
Acq On : 3 Aug 2020 18:42
Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

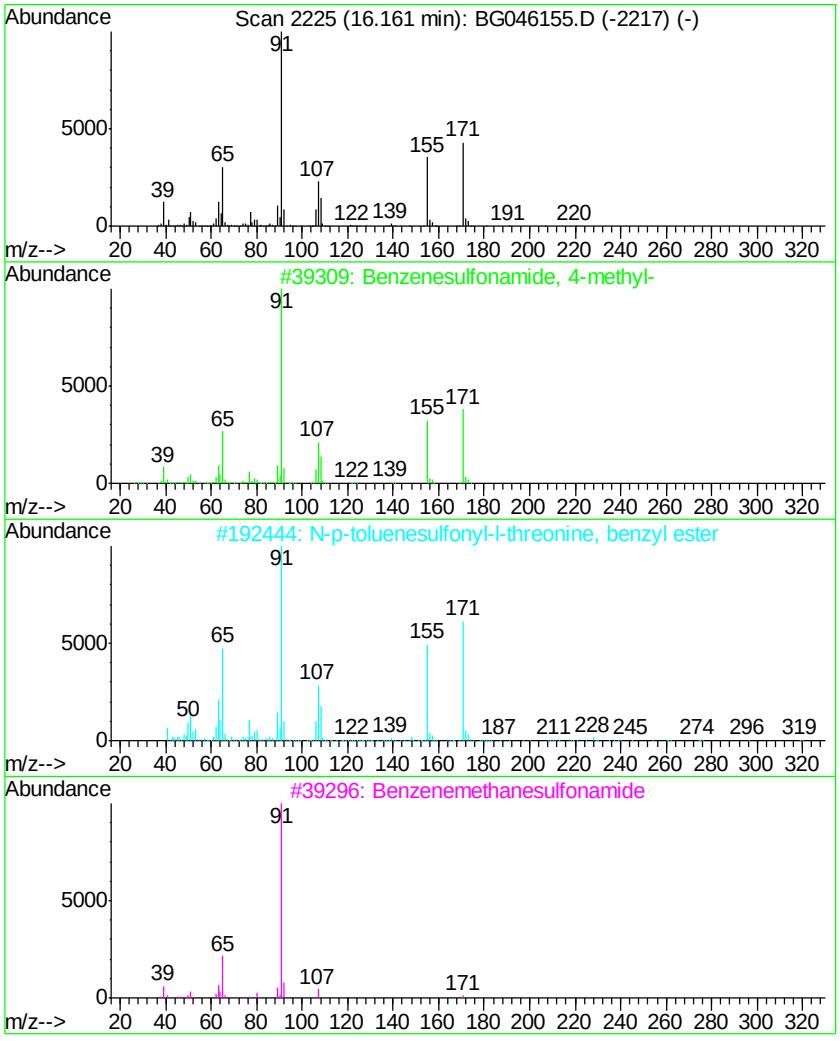
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

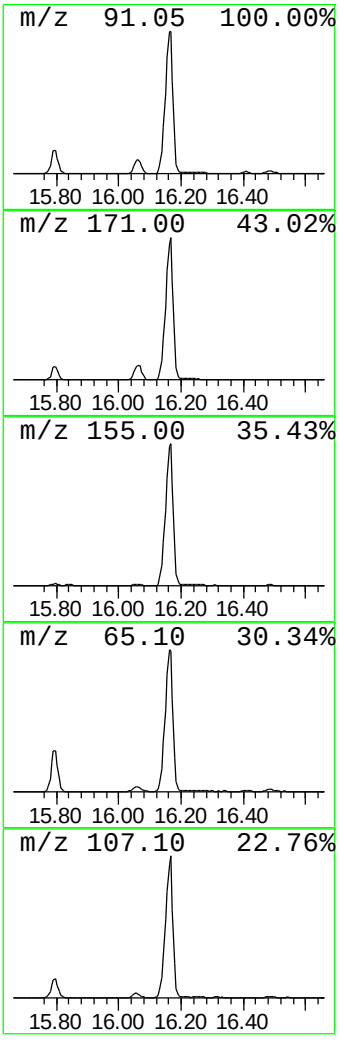
****

Peak Number 4 Benzenesulfonamide, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	28.20 ng	2013380	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	87
3	Benzenemethanesulfonamide	171	C7H9NO2S	004563-33-1	53
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	35
5	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
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Operator : CG/JU
Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY1-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

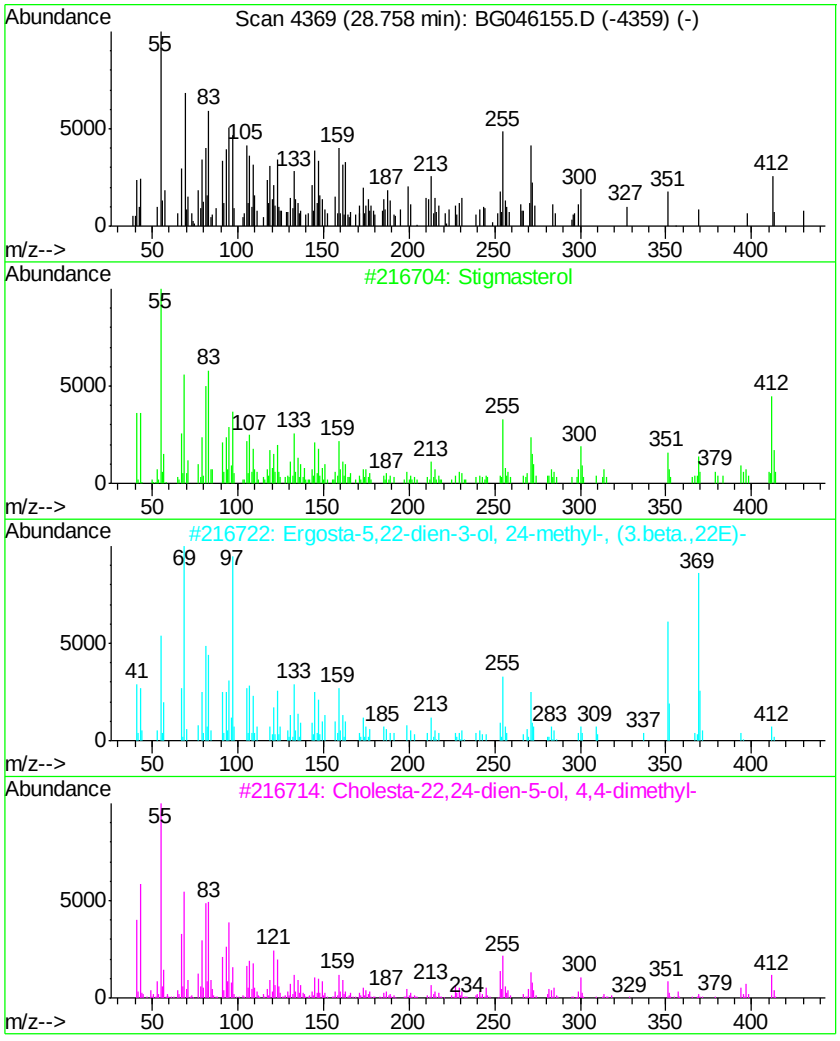
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

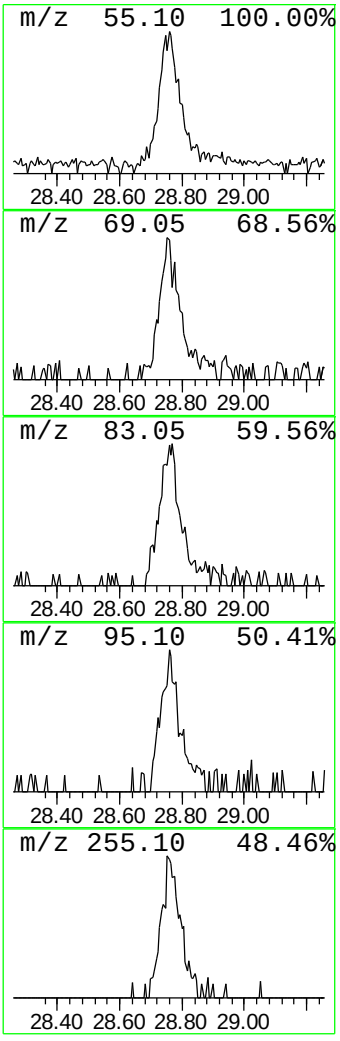
****

Peak Number 5 Stigmasterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.76	2.54 ng	219018	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	87
2	Ergosta-5,22-dien-3-ol, 24-methy...	412	C29H48O	053755-22-9	38
3	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	30
4	N-Nitrososolasodine	442	C27H42N2O3	004860-12-2	14
5	Chondrillasterol	412	C29H48O	000481-17-4	14





Tentatively Identified Compound (LSC) summary

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Sample : L3537-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	75.8	ng	2067980	1	7.95	545247	20.0
Diethyltoluamide	15.32	4.0	ng	233388	3	14.57	1170630	20.0
Benzenesulfonamid...	15.80	9.3	ng	542508	3	14.57	1170630	20.0
Benzenesulfonamid...	16.16	28.2	ng	2013380	4	17.32	1428050	20.0
Stigmasterol	28.76	2.5	ng	219018	6	24.67	1727080	20.0