LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

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-BG102119.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	3.159	9	12	23	rVB	29600	56010	3.17%	0.342%
2	5.104	336	343	356	rBV	76979	138835	7.86%	0.848%
3	5.598	420	427	442	rBV	219650	422941	23.95%	2.583%
4	7.202	689	700	720	rBV	300568	627725	35.55%	3.834%
5	7.548	751	759	772	rBV	290200	546412	30.95%	3.338%
6	8.001	828	836	843	rBV	109885	194573	11.02%	1.188%
7	8.324	884	891	899	rBV	243225	427362	24.20%	2.610%
8	9.164	1026	1034	1050	rBV	167809	360579	20.42%	2.202%
9	10.210	1203	1212	1221	rVB6	19382	44811	2.54%	0.274%
10	10.580	1269	1275	1292	rBV3	31208	96036	5.44%	0.587%
11	10.803	1306	1313	1319	rBV	142377	275256	15.59%	1.681%
12	10.856	1319	1322	1331	rVB5	27480	49464	2.80%	0.302%
13	11.150	1366	1372	1380	rVB2	36316	64468	3.65%	0.394%
14	11.344	1400	1405	1411	rBV4	17122	31200	1.77%	0.191%
15	11.644	1450	1456	1464	rBV7	12469	33958	1.92%	0.207%
16	12.219	1547	1554	1564	rBV8	6499	20045	1.14%	0.122%
17	12.595	1611	1618	1619	rBV2	23308	41583	2.36%	0.254%
18	13.253	1723	1730	1742	rBV	622709	990264	56.08%	6.049%
19	14.082	1867	1871	1880	rVB	27920	53671	3.04%	0.328%
20	14.628	1956	1964	1973	rBV2	285183	485887	27.52%	2.968%
21	14.722	1975	1980	1990	rVB4	36242	79065	4.48%	0.483%
22	16.121	2212	2218	2233	rBV	323183	543172	30.76%	3.318%
23	17.031	2369	2373	2377	rBV3	12507	20602	1.17%	0.126%
24	17.378	2426	2432	2437	rBV	382711	610341	34.57%	3.728%
25	17.866	2509	2515	2526	rBV	38970	95484	5.41%	0.583%
26	18.271	2576	2584	2593	rBV	183540	305616	17.31%	1.867%
27	18.547	2627	2631	2637	rBV8	11195	24417	1.38%	0.149%
28	19.305	2756	2760	2767	rVB	84263	103931	5.89%	0.635%
29	19.423	2776	2780	2786	rBV4	23506	41949	2.38%	0.256%
30	19.511	2791	2795	2797	rBV3	22478	29756	1.69%	0.182%
31	19.534	2797	2799	2806	rVB5	32819	47949	2.72%	0.293%
32	19.669	2816	2822	2827	rBV	821542	994328	56.31%	6.074%
33	19.793	2840	2843	2851	rVB2	21425	31355	1.78%	0.192%
34	19.987	2870	2876	2887	rBV	1185601	1578221	89.38%	9.640%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.286	2925	2927	2935	rVB9	24953	33663	1.91%	0.206%
36	20.422	2945	2950	2953	rBV7	16644	29913	1.69%	0.183%
37	20.469	2954	2958	2962	rVV	70523	84881	4.81%	0.518%
38	20.598	2977	2980	2985	rBV5	15440	31557	1.79%	0.193%
39	20.780	3008	3011	3014	rBV4	18571	20564	1.16%	0.126%
40	21.238	3083	3089	3094	rBV2	237608	471607	26.71%	2.881%
41	21.303	3094	3100	3105	rVV	345960	661121	37.44%	4.038%
42	21.367	3105	3111	3116	rVV	1092378	1526043	86.43%	9.321%
43	21.420	3116	3120	3132	rVV3	188857	465267	26.35%	2.842%
44	21.526	3132	3138	3146	rVB	1340828	1765662	100.00%	10.785%
45	21.644	3152	3158	3164	rBV2	308815	533896	30.24%	3.261%
46	21.820	3186	3188	3193	rVB4	26729	34915	1.98%	0.213%
47	22.049	3222	3227	3232	rVB	63705	102388	5.80%	0.625%
48	22.425	3287	3291	3295	rVB	31416	47135	2.67%	0.288%
49	22.648	3324	3329	3336	rBV5	48468	115117	6.52%	0.703%
50	22.795	3350	3354	3359	rVB5	35167	56859	3.22%	0.347%
51	23.107	3403	3407	3415	rVB4	28990	48013	2.72%	0.293%
52	23.295	3434	3439	3446	rBV3	62744	123389	6.99%	0.754%
53	23.365	3447	3451	3461	rVB3	31888	73514	4.16%	0.449%
54	23.900	3536	3542	3546	rBV6	24858	55531	3.15%	0.339%
55	24.828	3691	3700	3711	rVB2	218904	623174	35.29%	3.806%

Sum of corrected areas: 16371475

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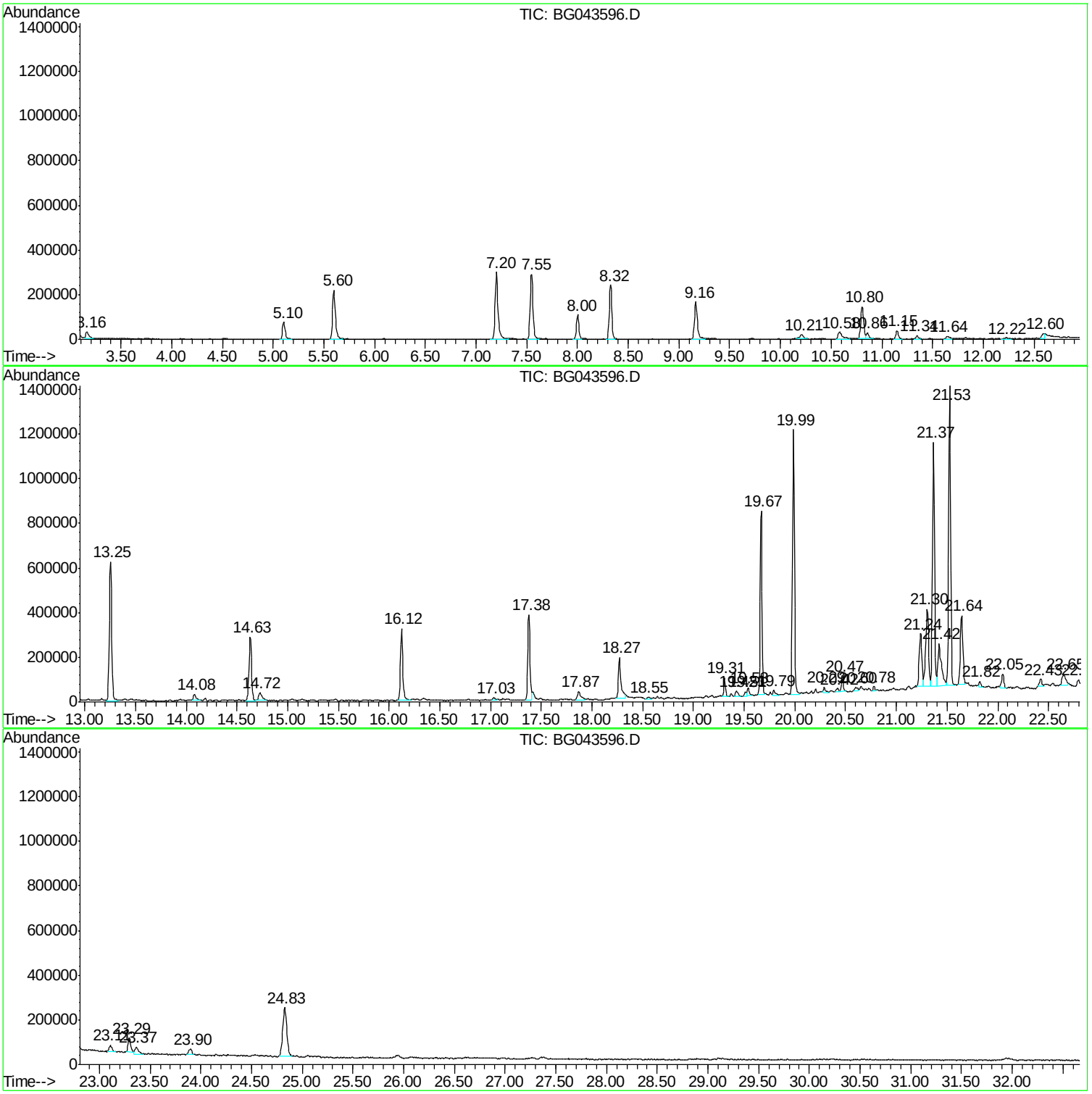
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

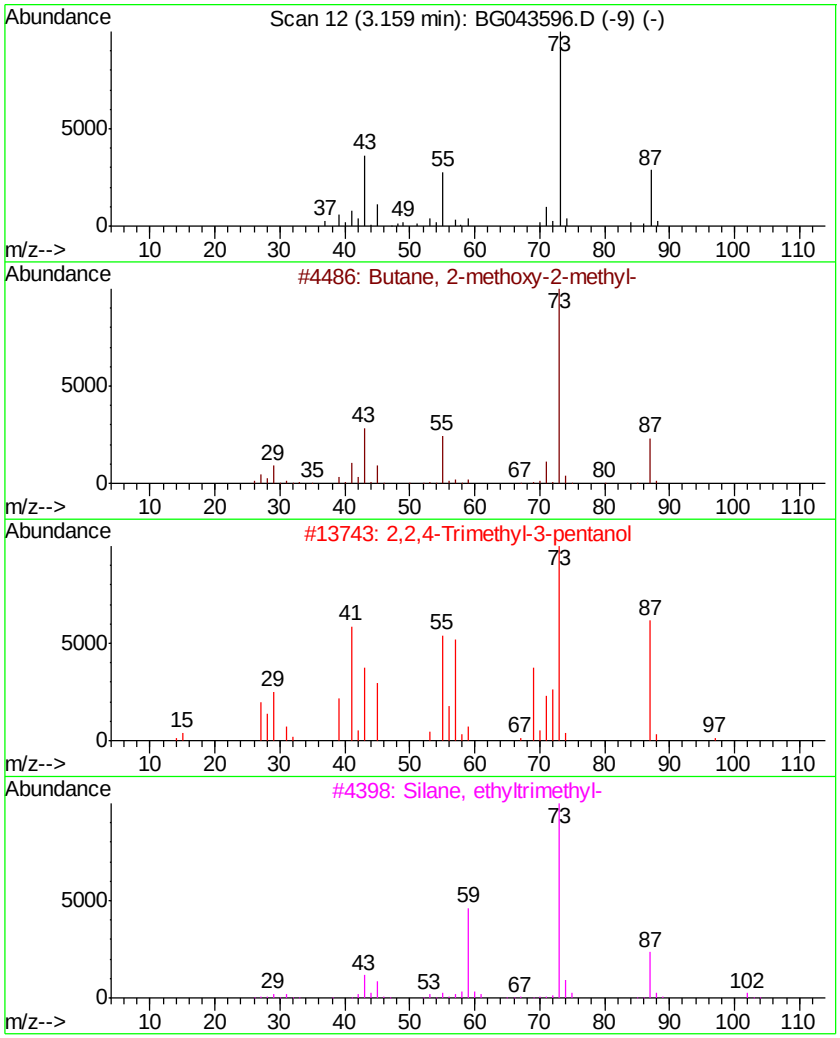
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

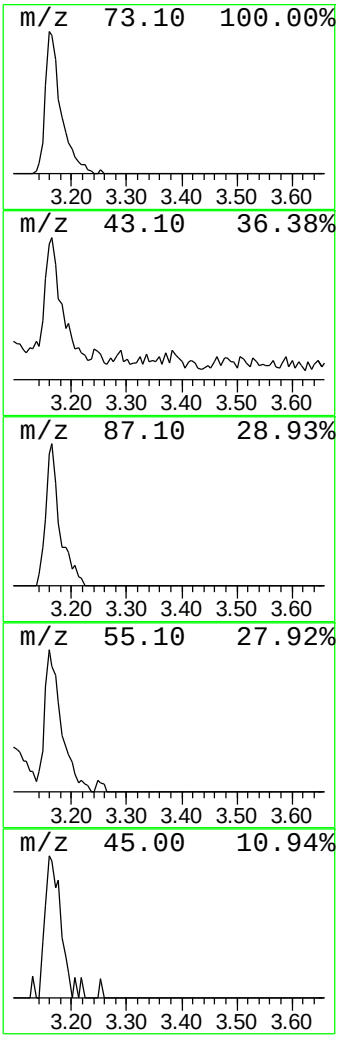
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	5.76 ng	56010	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

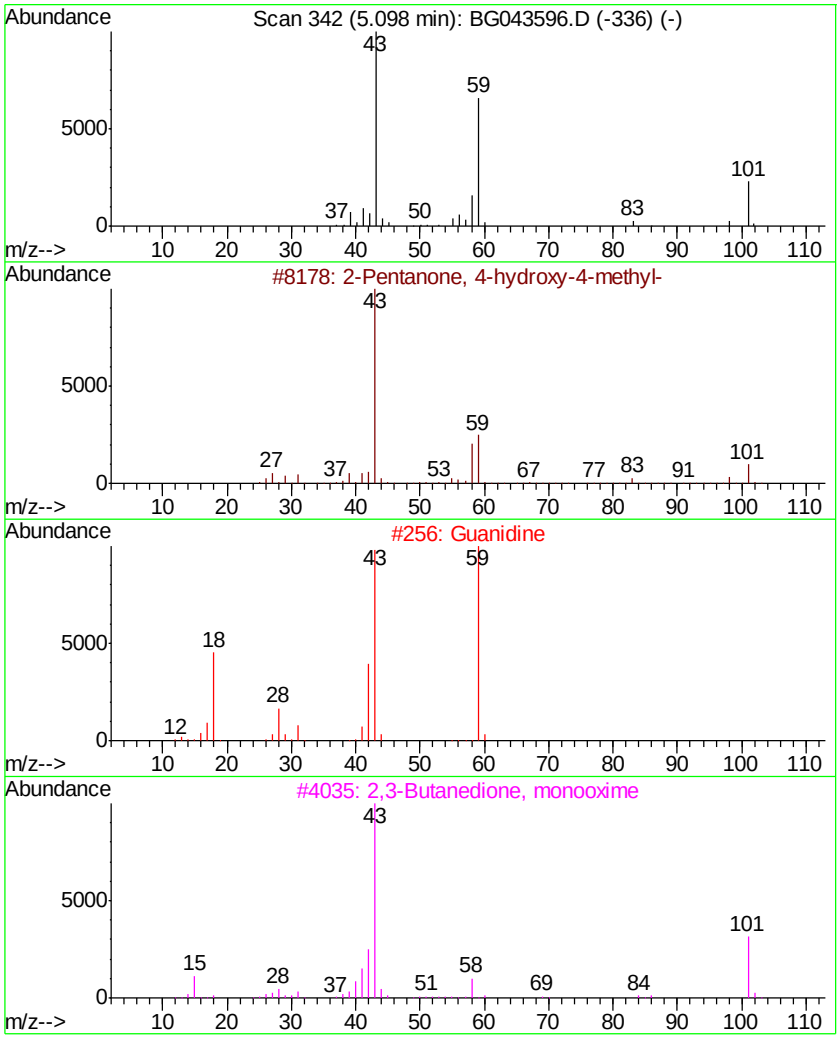
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

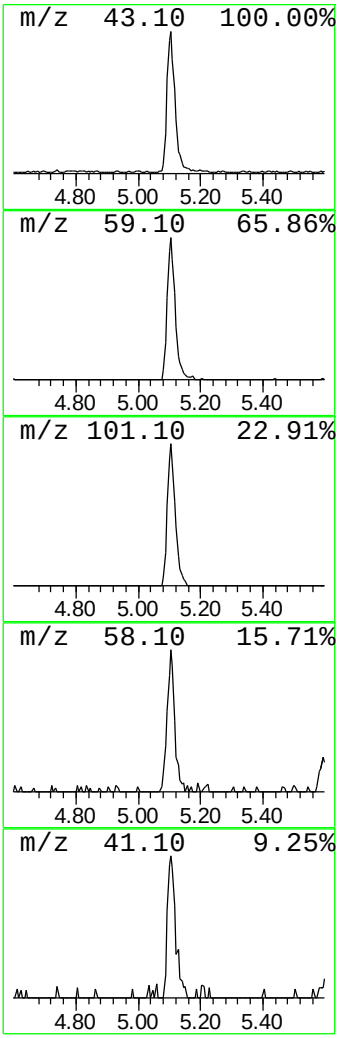
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	14.27 ng	138835	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

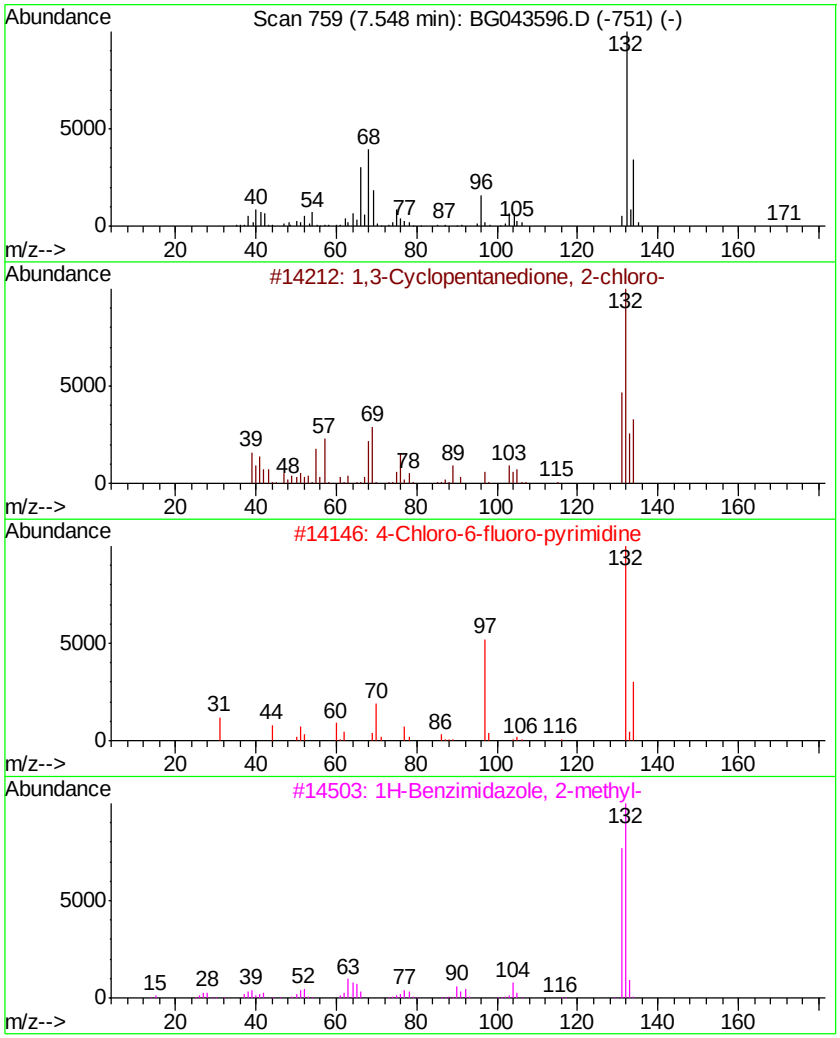
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

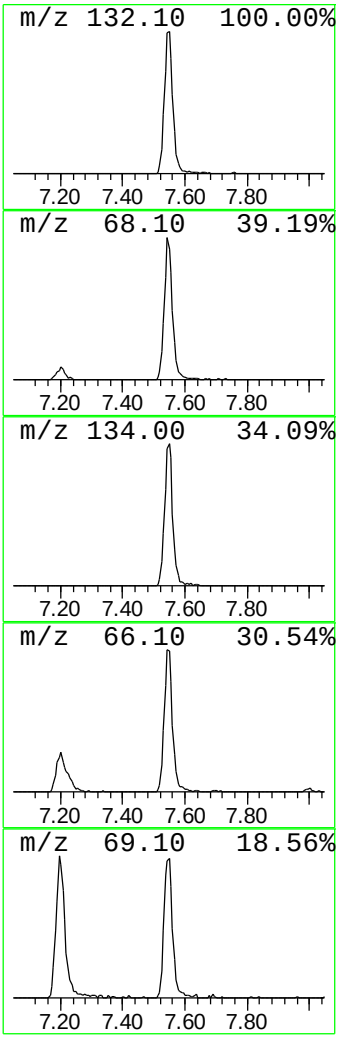
****

Peak Number 3 unknown7.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	56.17 ng	546412	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

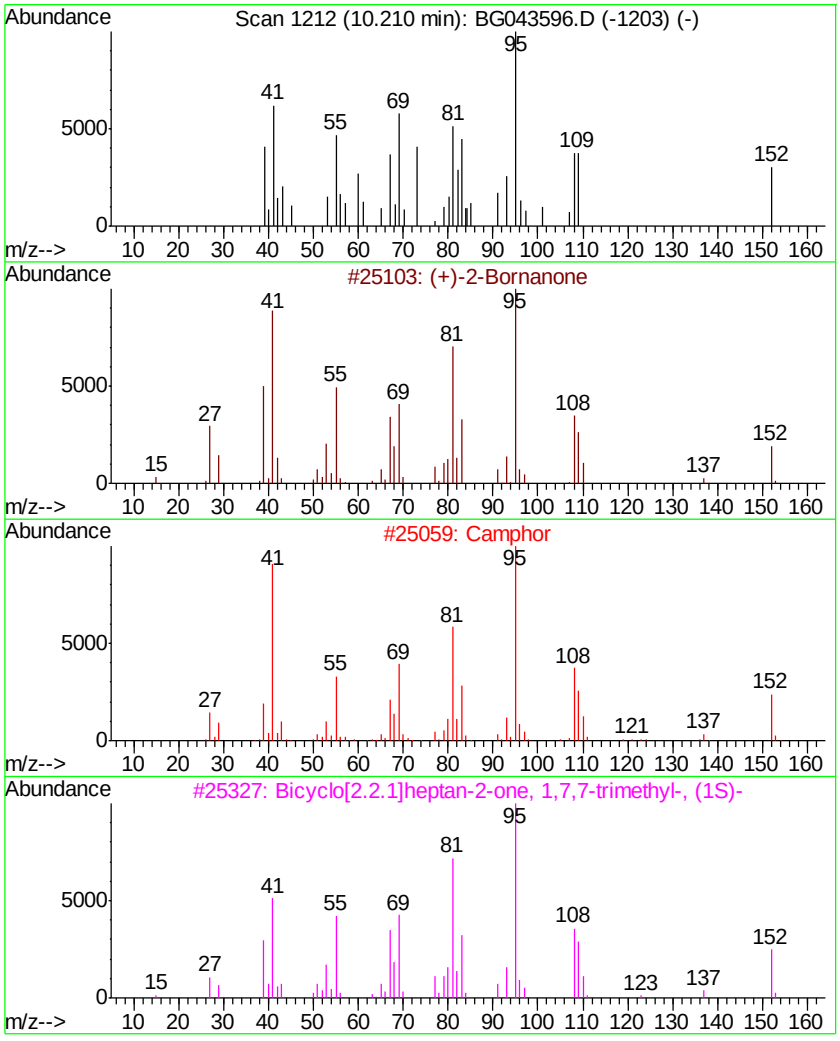
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

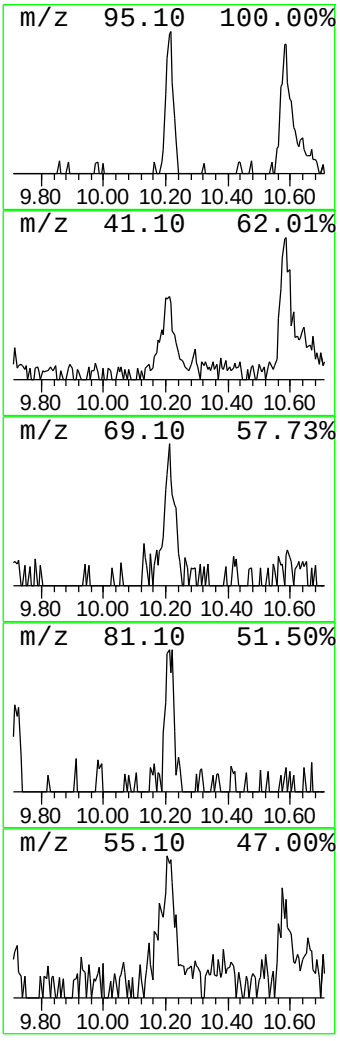
****

Peak Number 5 (+)-2-Bornanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	3.26 ng	44811	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	81
2	Camphor	152	C10H16O	000076-22-2	74
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
4	1-Adamantanol	152	C10H16O	000768-95-6	38
5	1,3-Butanedione, 1-(2-furanyl)-	152	C8H8O3	025790-35-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

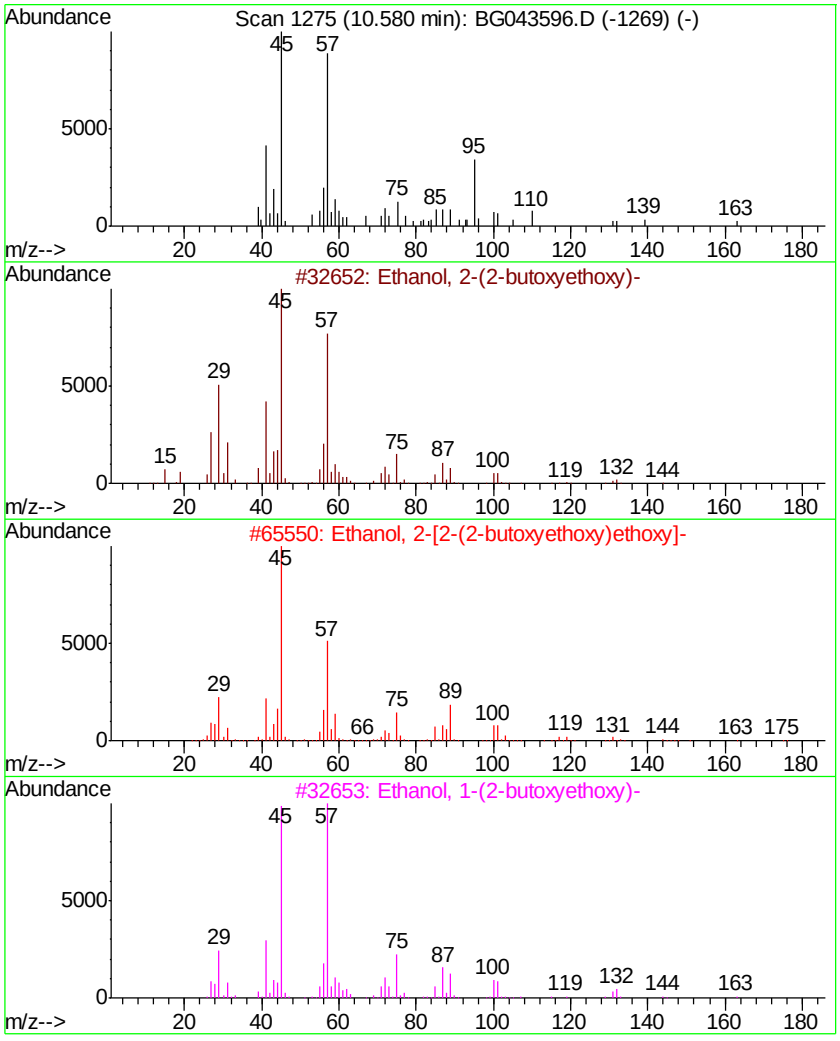
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

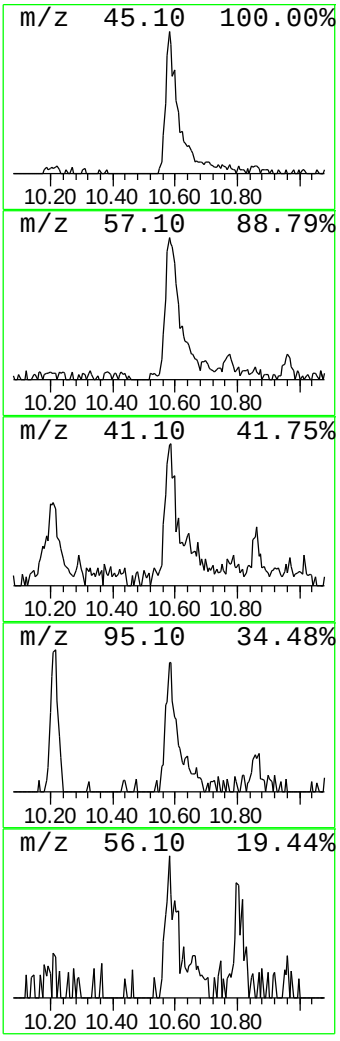
****

Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	6.98 ng	96036	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	59
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	53
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
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Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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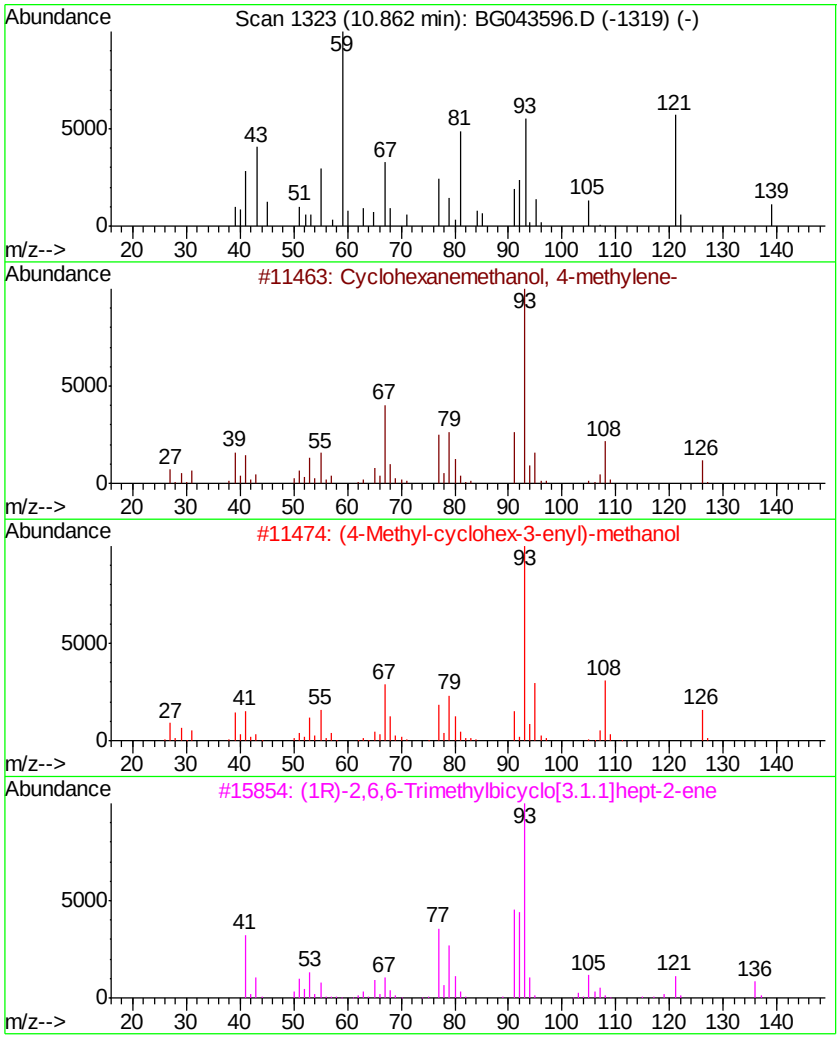
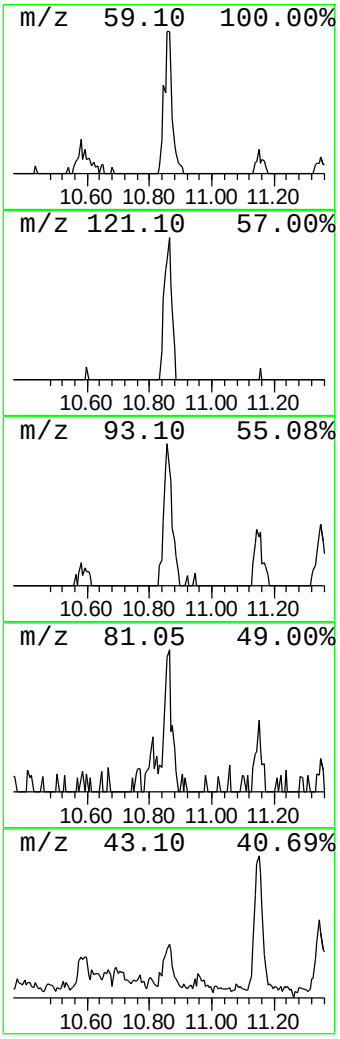
Peak Number 7 unknown10.86 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.59 ng	49464	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	43
2	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	35
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	27
4	Bicyclo[4.1.0]heptan-3-ol, 4,7,7...	154	C10H18O	054750-09-3	27
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

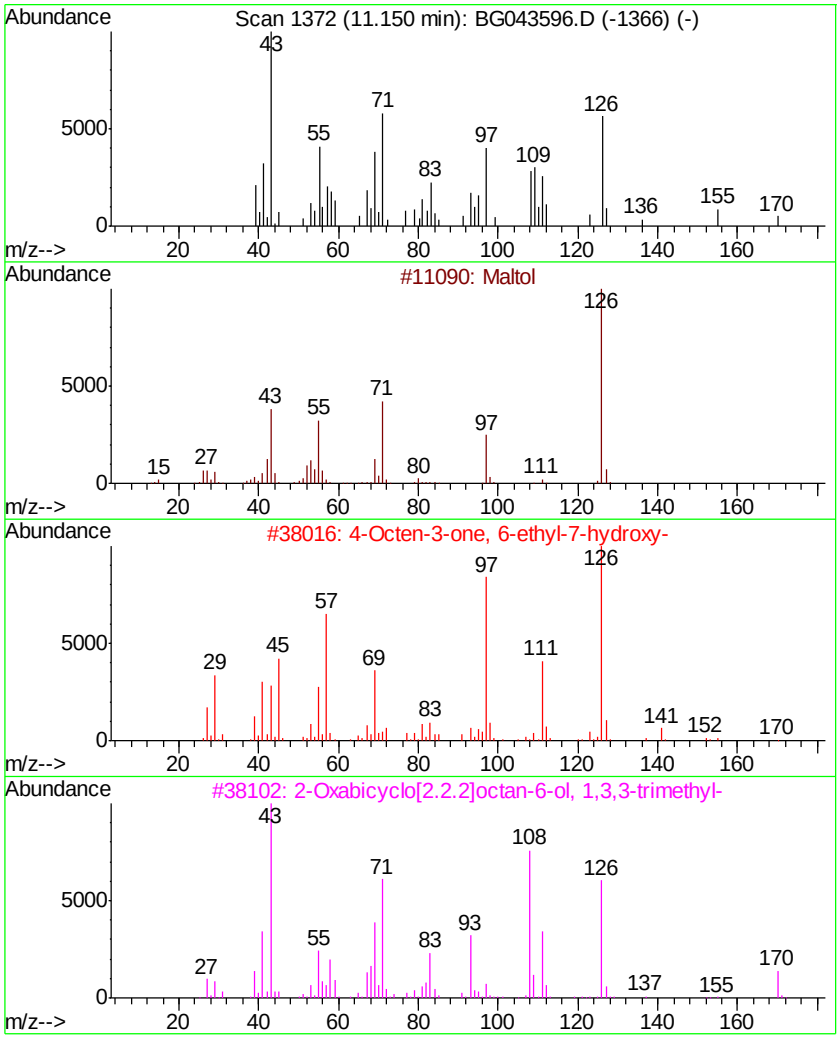
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

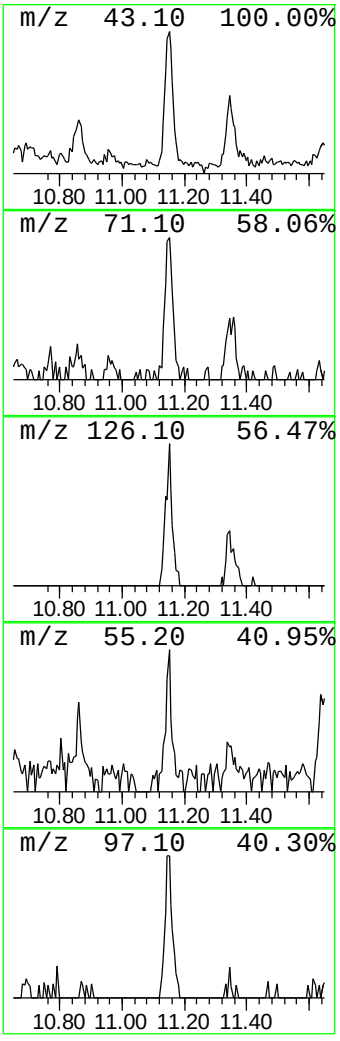
****

Peak Number 8 unknown11.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.68 ng	64468	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maltol	126	C6H6O3	000118-71-8	49
2	4-Octen-3-one, 6-ethyl-7-hydroxy-	170	C10H18O2	078464-96-7	43
3	2-Oxabicyclo[2.2.2]octan-6-ol, 1...	170	C10H18O2	018679-48-6	38
4	2-Mercaptophenol	126	C6H6OS	001121-24-0	30
5	4-Mercaptophenol	126	C6H6OS	000637-89-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

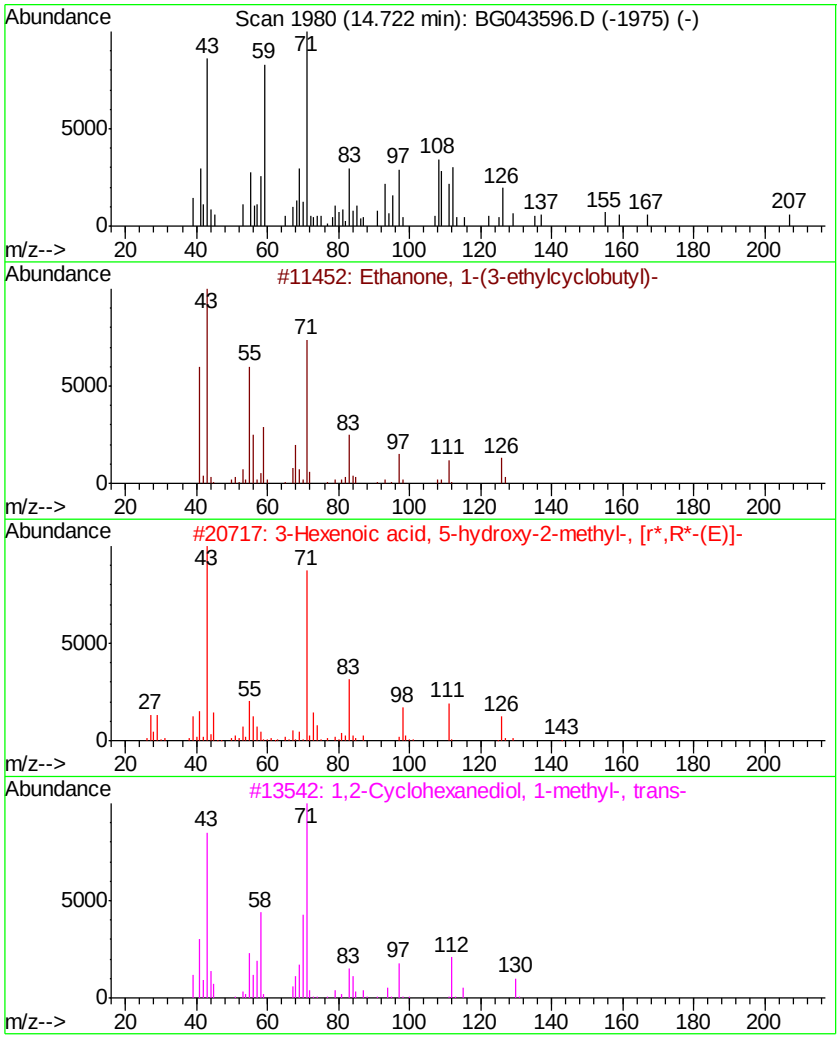
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

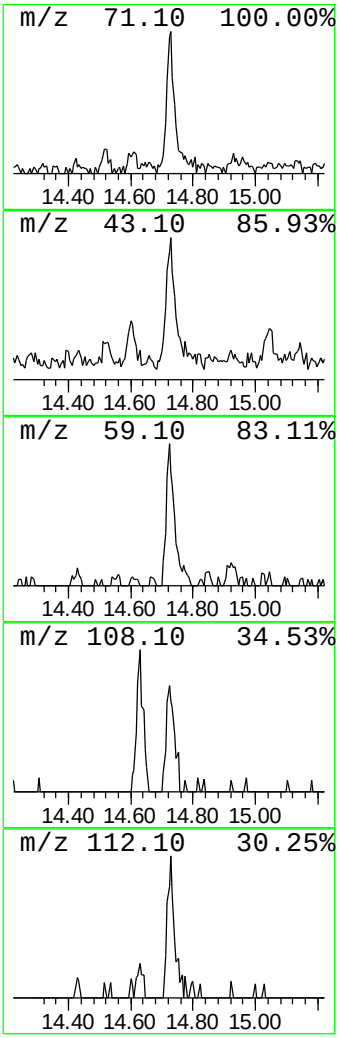
****

Peak Number 9 unknown14.72 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.25 ng	79065	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	47
2	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	22
3	1,2-Cyclohexanediol, 1-methyl-, ...	130	C7H14O2	019534-08-8	22
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	18
5	3-Tridecanol	200	C13H28O	010289-68-6	14





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Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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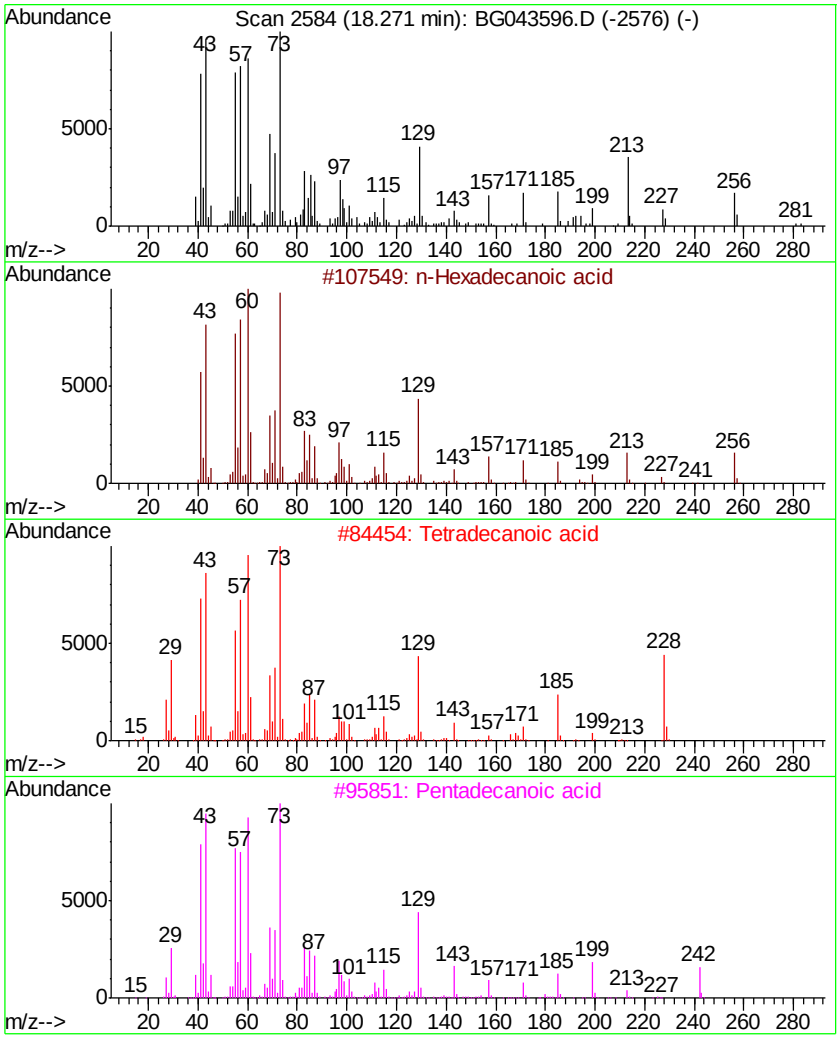
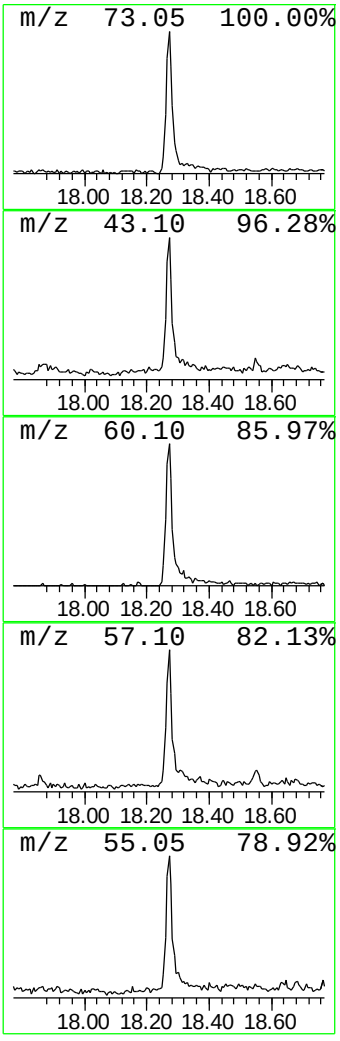
Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	10.01 ng	305616	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Sample : K5758-01
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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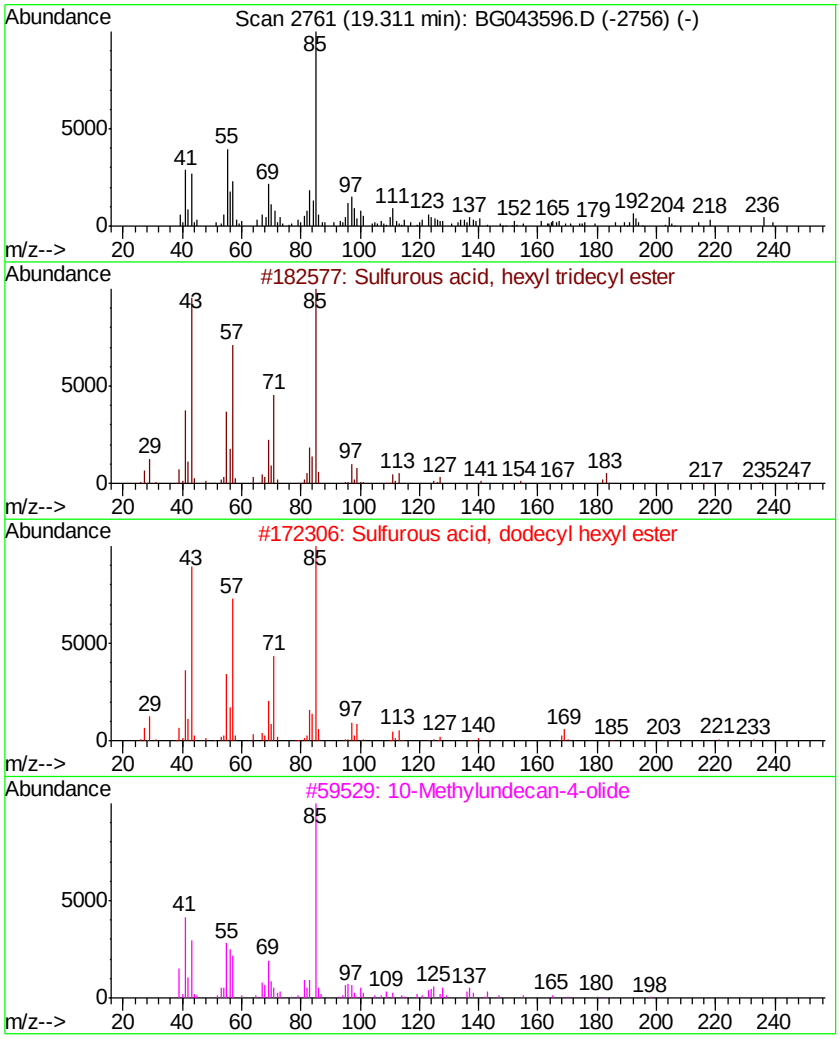
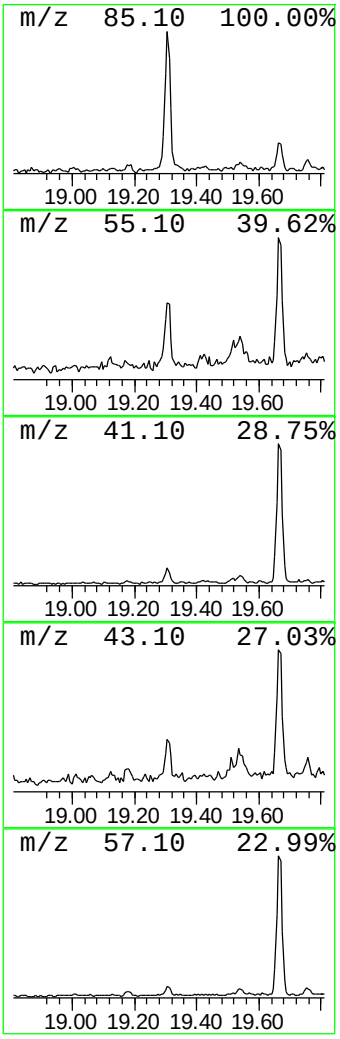
Peak Number 11 Sulfurous acid, hexyl tride... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.41 ng	103931	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	59
2	Sulfurous acid, dodecyl hexyl ester	334	C18H38O3S	1000309-13-4	53
3	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	53
4	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	53
5	Pentanoic acid, 4-hexadecyl ester	326	C21H42O2	1000282-86-4	53





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Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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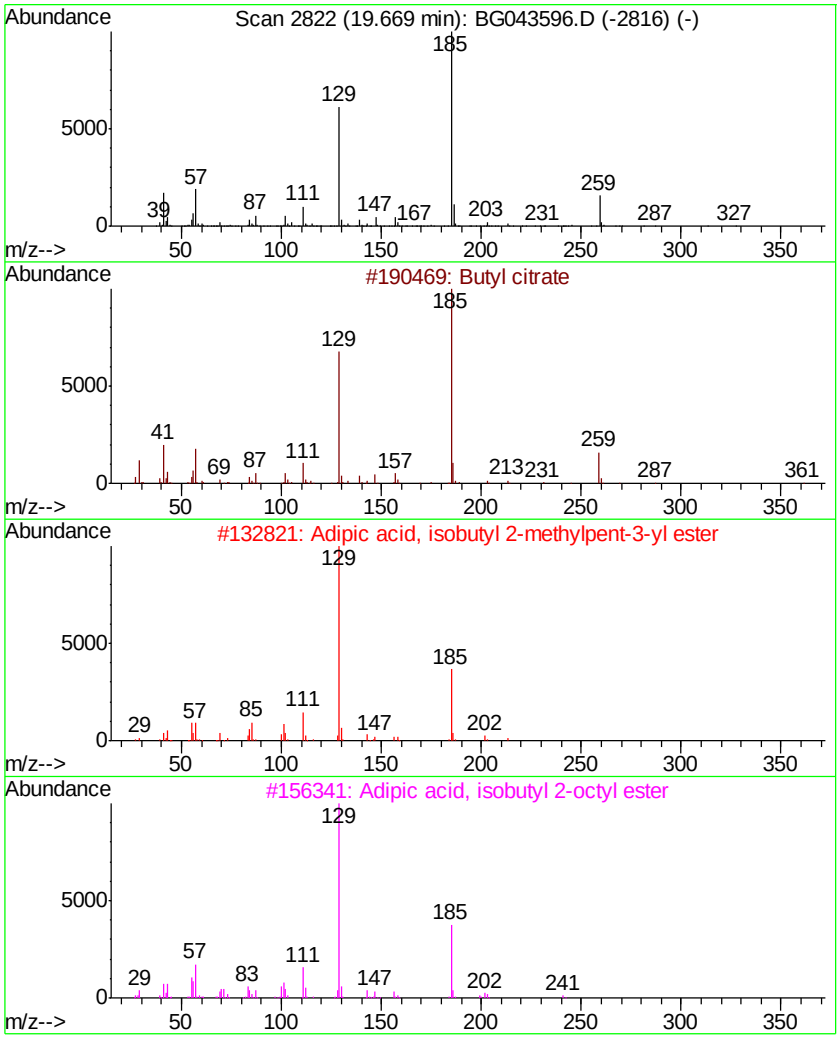
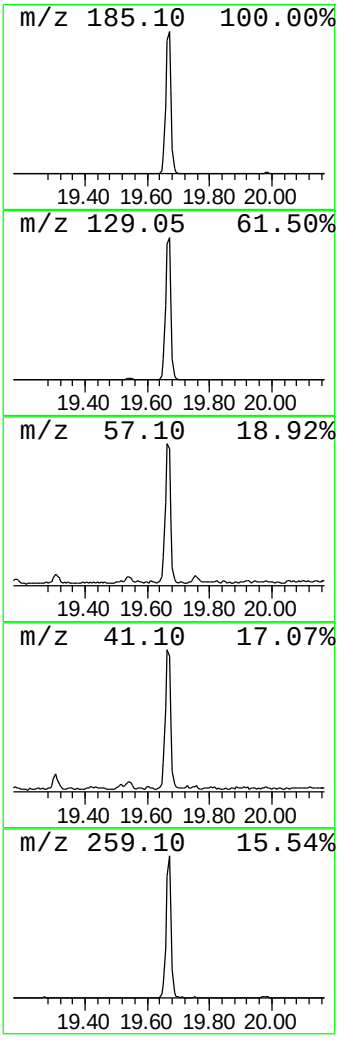
Peak Number 12 Butyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	37.25 ng	994328	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	94
2	Adipic acid, isobutyl 2-methylpe...	286	C16H30O4	1000353-55-7	72
3	Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	56
4	Dibutyl adipate	258	C14H26O4	000105-99-7	56
5	Adipic acid, butyl 2-methylpent-...	286	C16H30O4	1000353-55-8	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

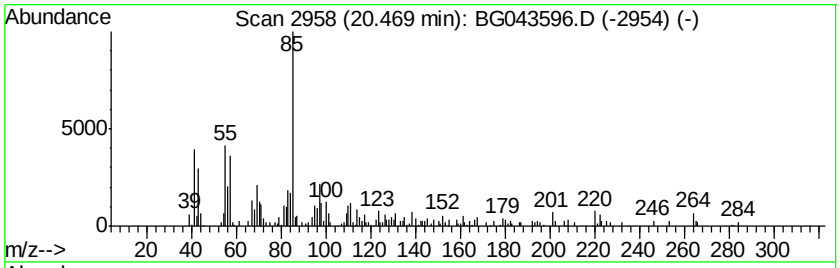
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

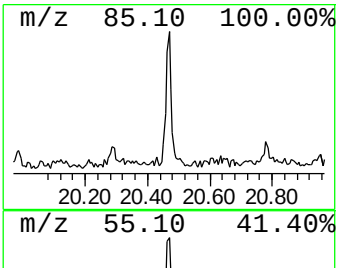
****

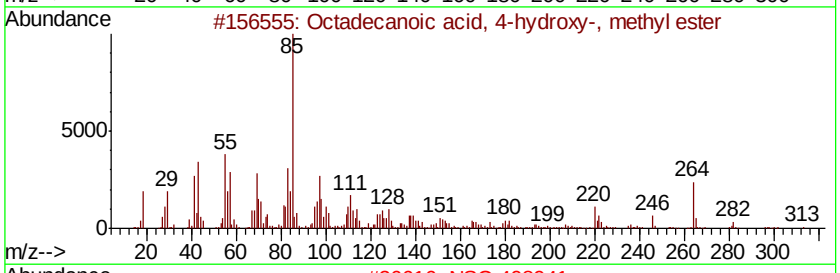
Peak Number 13 Octadecanoic acid, 4-hydrox... Concentration Rank 20

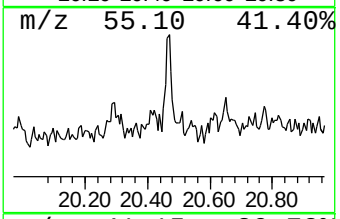
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	3.18 ng	84881	Chrysene-d12	21.64

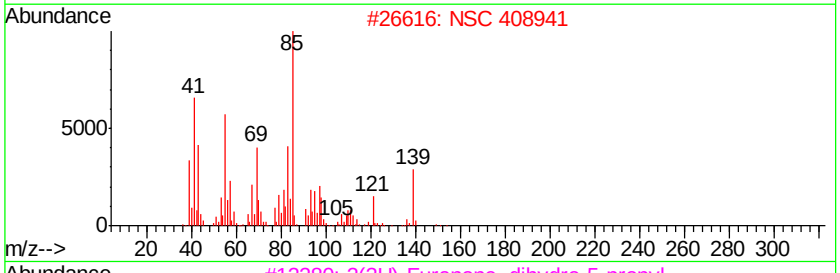
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 4-hydroxy-, m...	314	C19H38O3	002420-38-4	86
2	NSC 408941	154	C10H18O	007316-84-9	64
3	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	47
4	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	47
5	Propanal, propylhydrazone	114	C6H14N2	019718-39-9	46

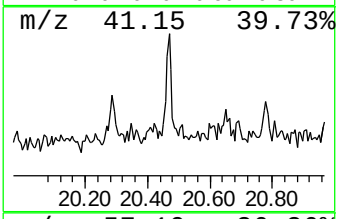


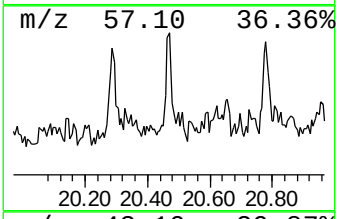


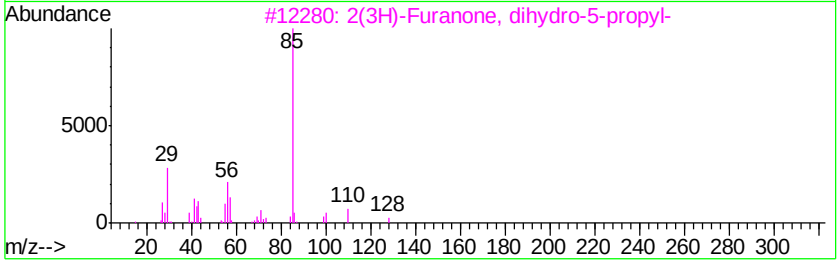


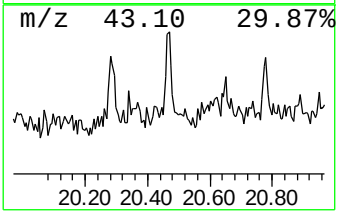












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Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

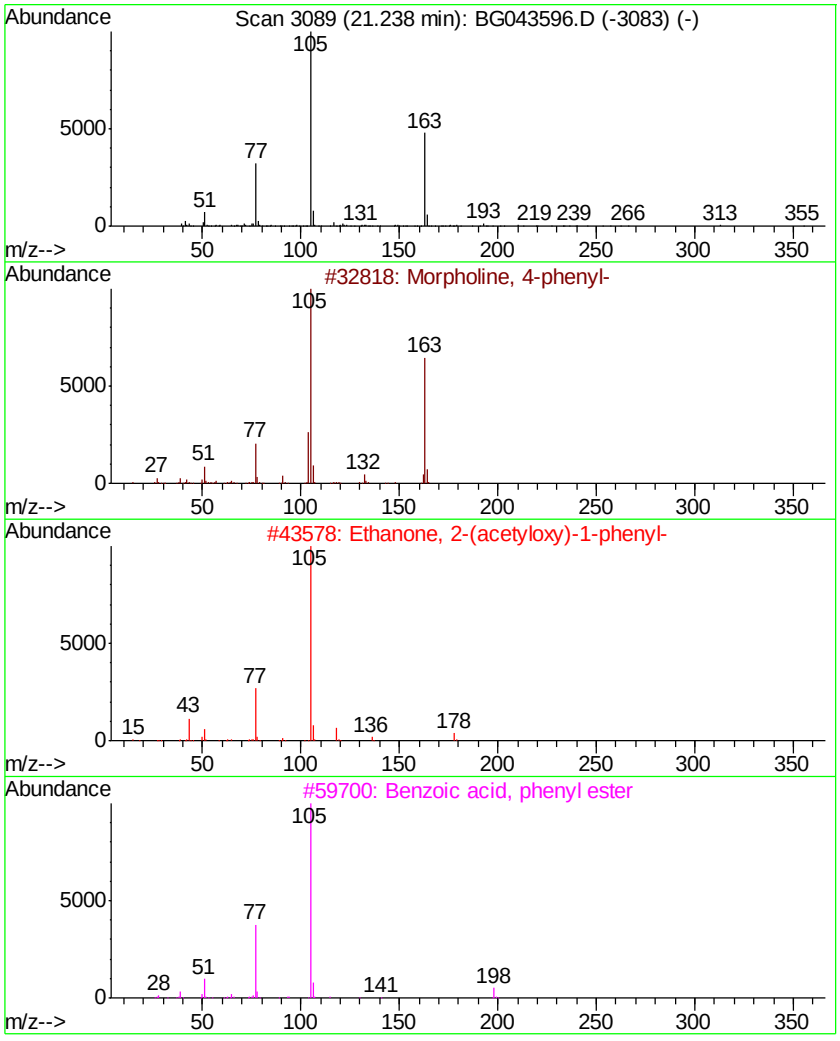
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

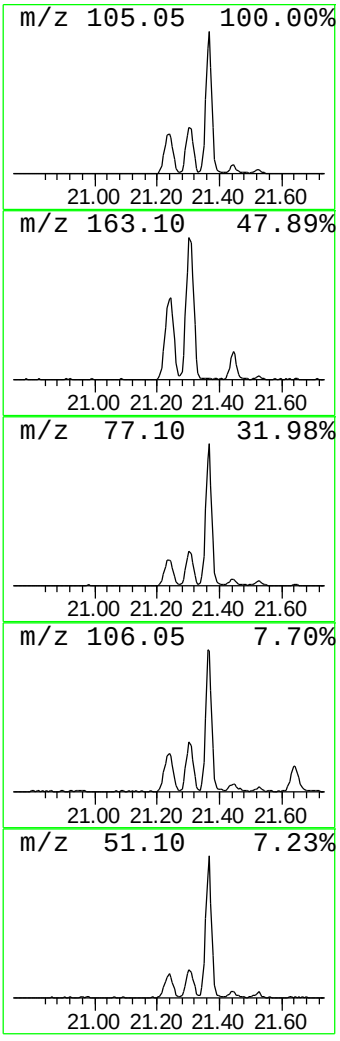
****

Peak Number 14 Morpholine, 4-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	17.67 ng	471607	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	35
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	35
4	2'-Chloro-5'-methylbenzanilide	245	C14H12ClNO	010286-87-0	35
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	35





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Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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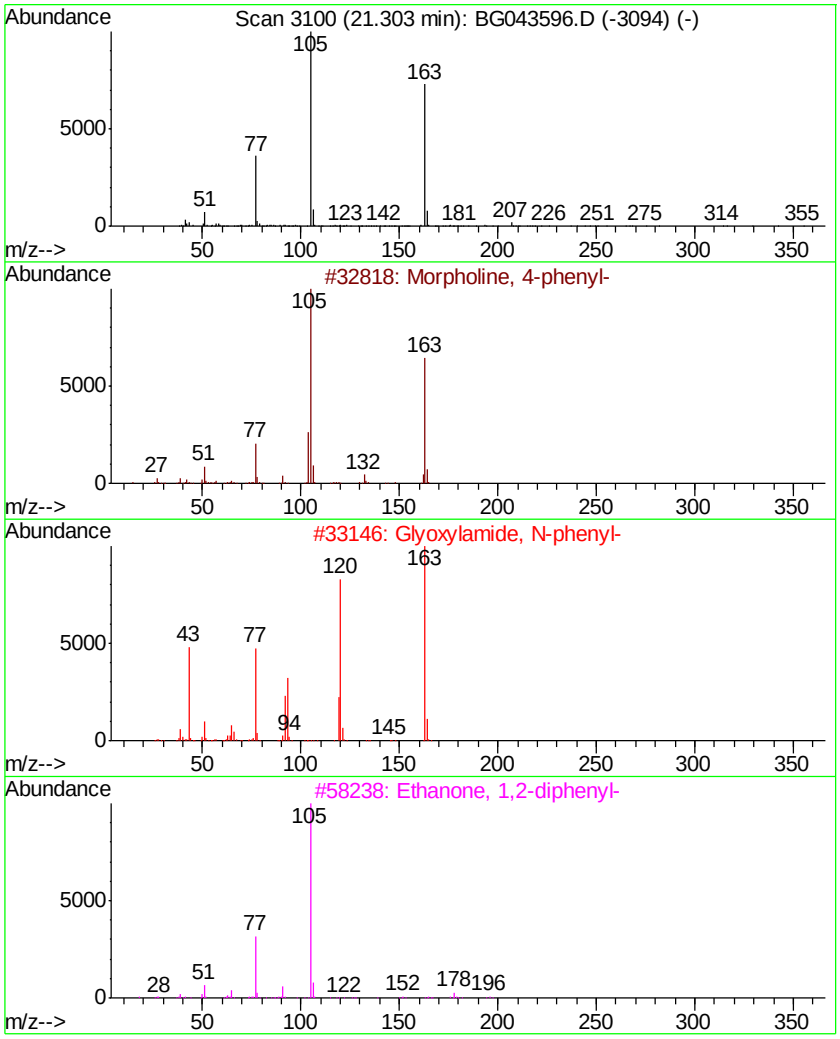
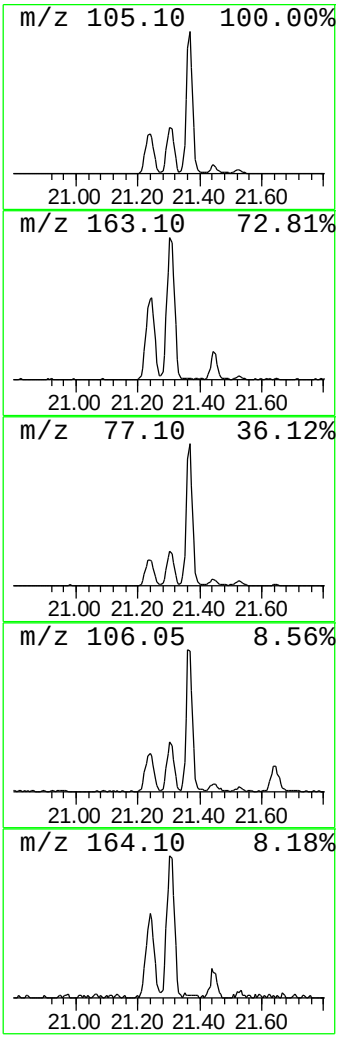
Peak Number 15 Glyoxylamide, N-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	24.77 ng	661121	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	64
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	50
3	Ethanone, 1,2-diphenyl-	196	C14H12O	000451-40-1	38
4	N-(4-Oxo-4H-chromen-3-yl)benzamide	265	C16H11NO3	1000243-49-5	35
5	Benzamide, N-benzoyl-N-(2-triflu...	369	C21H14F3NO2	1000262-58-9	35





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Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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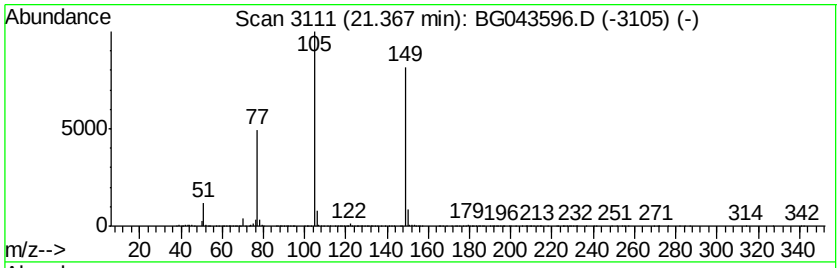
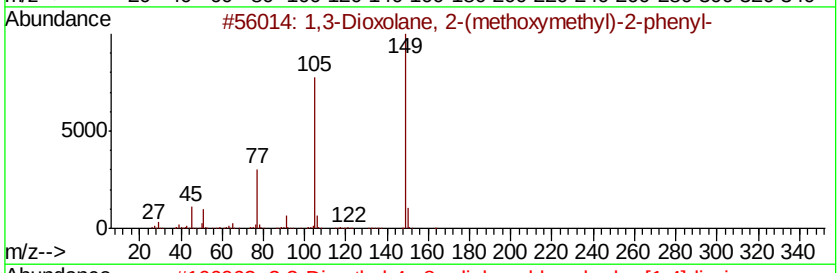
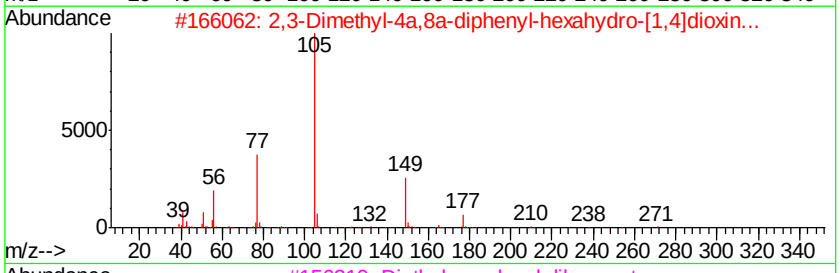
Peak Number 16 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 1

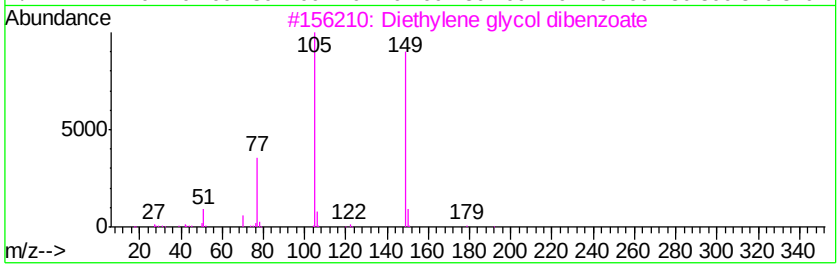
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	57.17 ng	1526040	Chrysene-d12	21.64

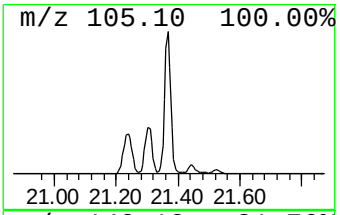
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
2	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	47
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	43
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
5	Ethanone, 1,2-diphenyl-	196	C14H12O	000451-40-1	35

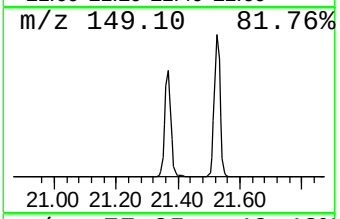


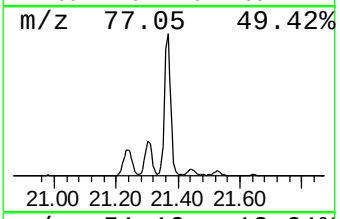


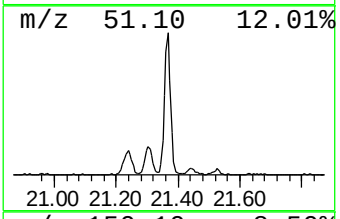


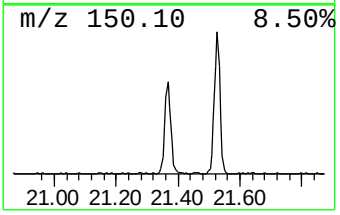












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Operator : JU
Sample : K5758-01
Misc :
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Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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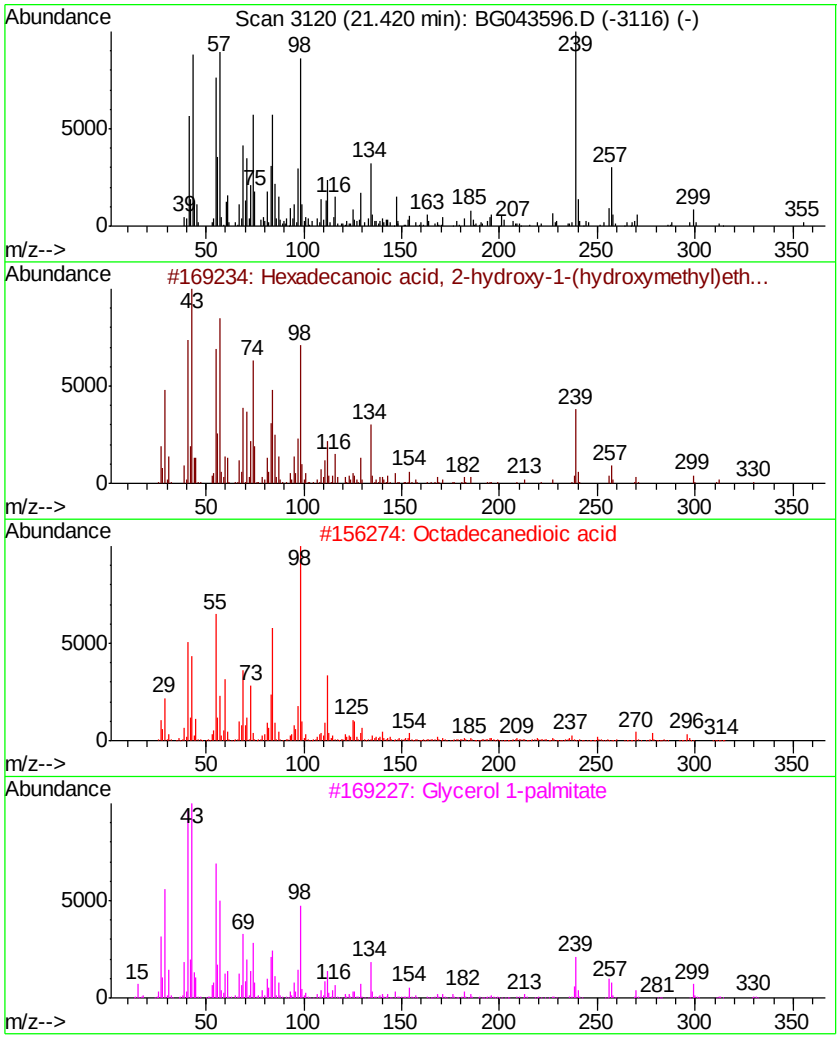
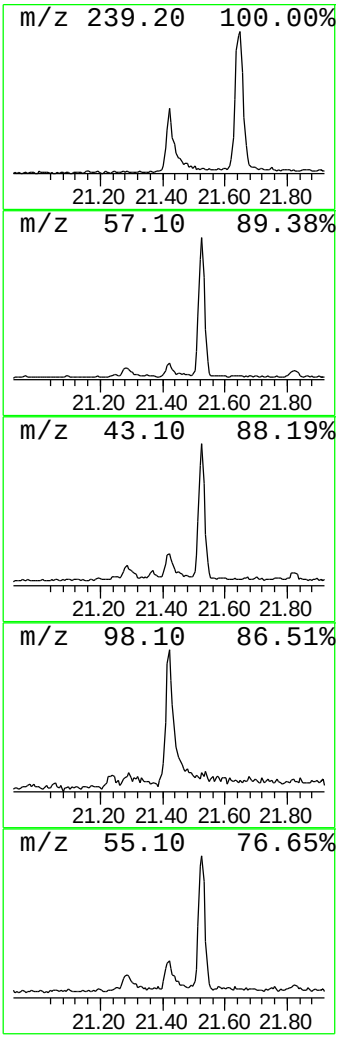
Peak Number 17 Hexadecanoic acid, 2-hydrox... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	17.43 ng	465267	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	76
2	Octadecanedioic acid	314	C18H34O4	000871-70-5	53
3	Glycerol 1-palmitate	330	C19H38O4	000542-44-9	53
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	35
5	Hexanedioic acid, 2-amino-	161	C6H11NO4	000542-32-5	25





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Instrument : BNA_G
ClientSampleId : CO-1008

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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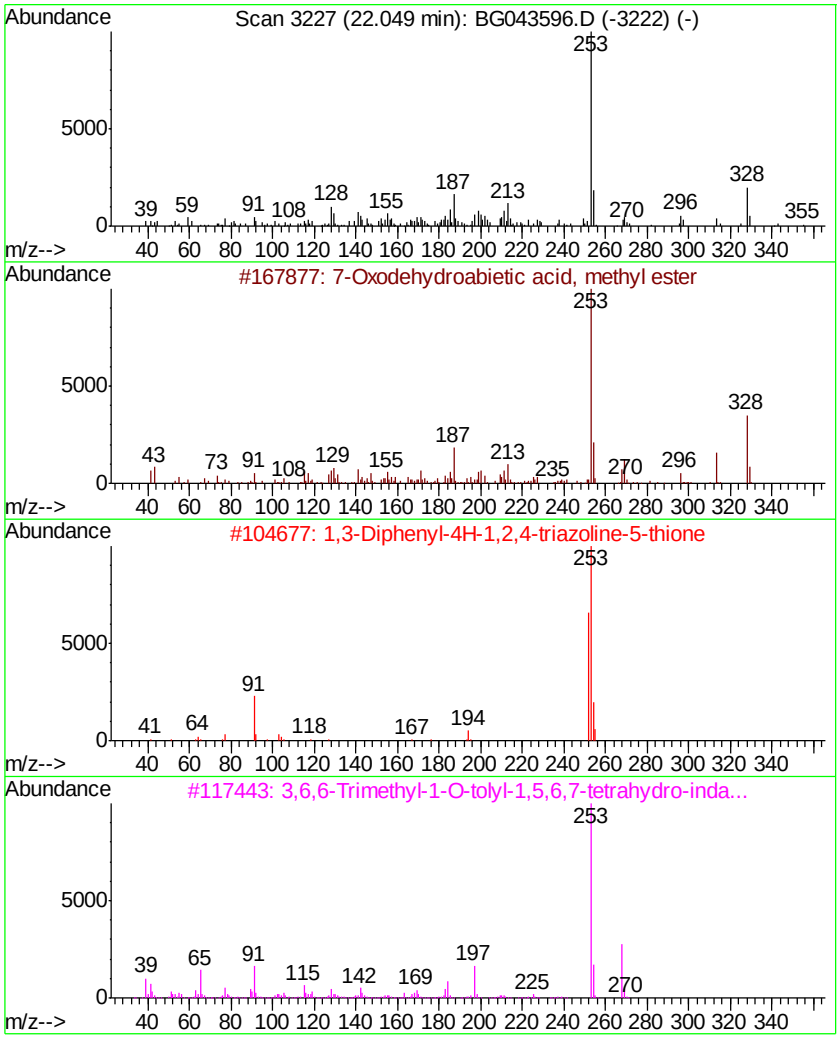
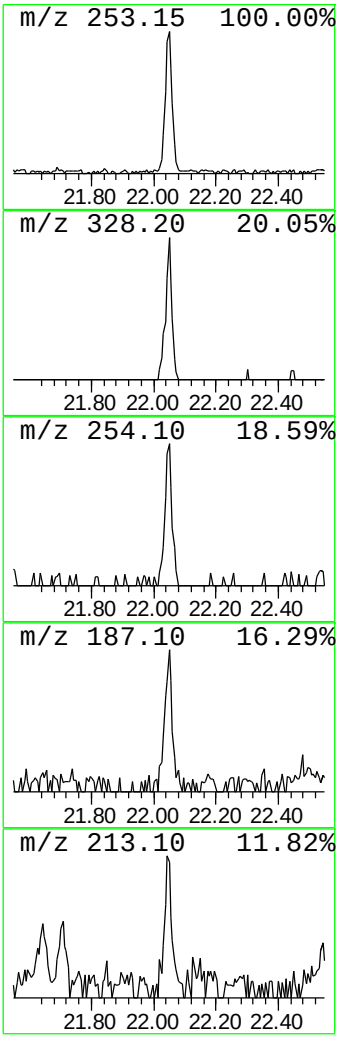
Peak Number 18 7-Oxodehydroabietic acid, m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	3.84 ng	102388	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	90
2	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	49
3	3,6,6-Trimethyl-1-O-tolyl-1,5,6,...	268	C17H20N2O	1000295-04-0	47
4	Acridin-1(2H)-one, 3,4-dihydro-3...	282	C18H22N2O	146352-02-5	47
5	2-[p-Cyanophenyl]-5-chlorobenzim...	253	C14H8ClN3	146132-86-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

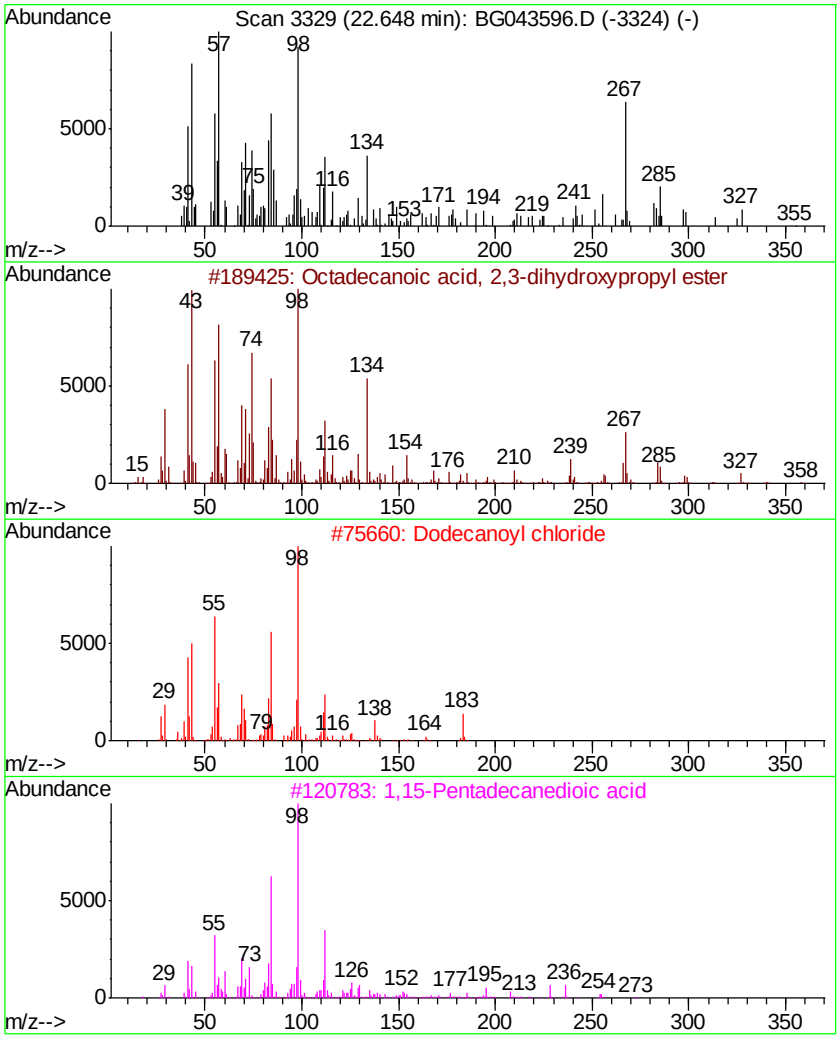
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

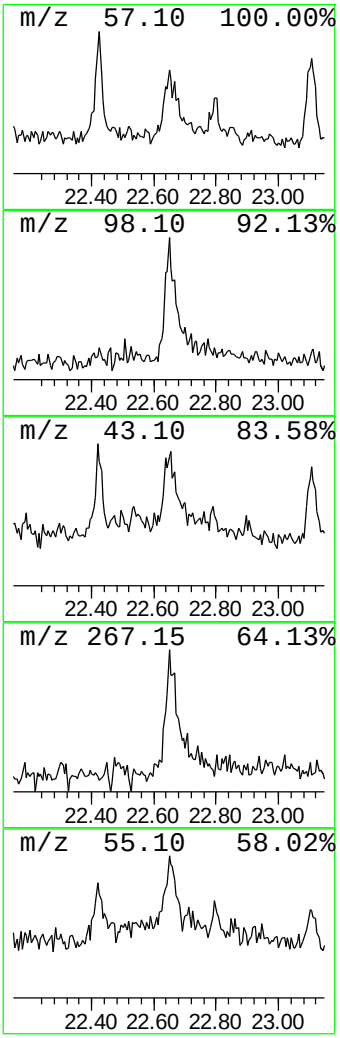
****

Peak Number 19 unknown22.65 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	4.31 ng	115117	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2,3-dihydroxy...	358	C21H42O4	000123-94-4	49
2	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	47
3	1,15-Pentadecanedioic acid	272	C15H28O4	001460-18-0	43
4	2-Oxecanone, 10-methyl-, (.+/-.)-	170	C10H18O2	065371-24-6	38
5	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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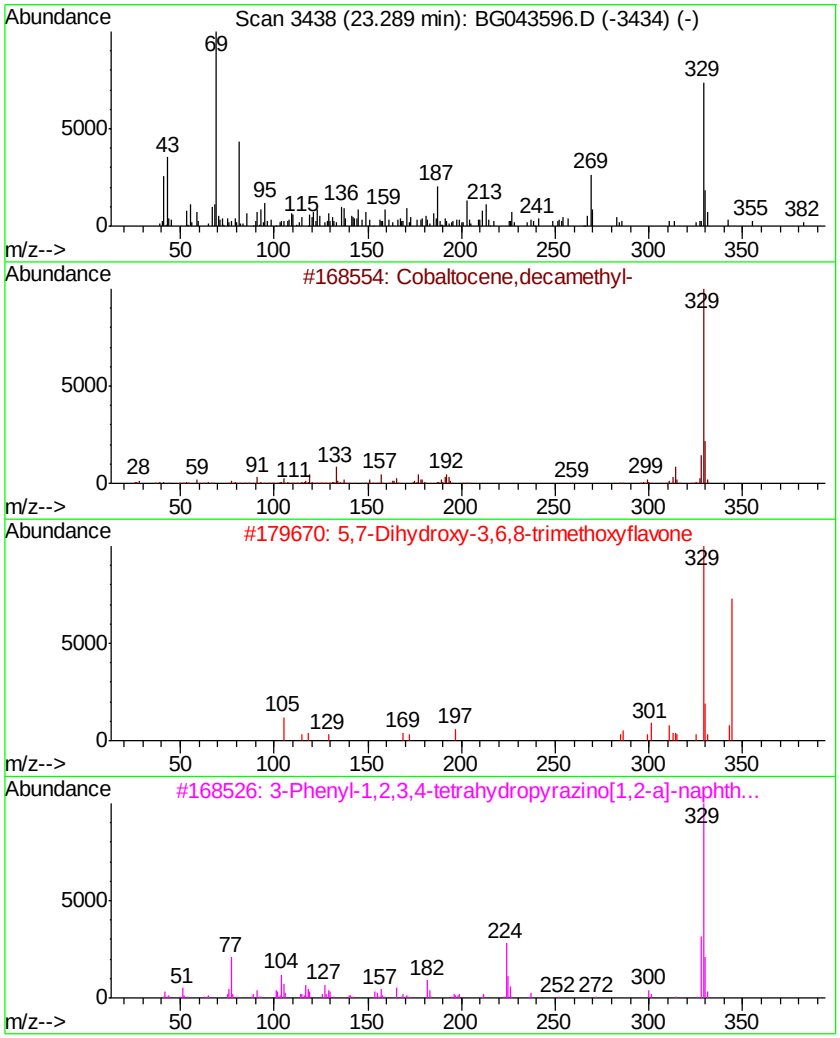
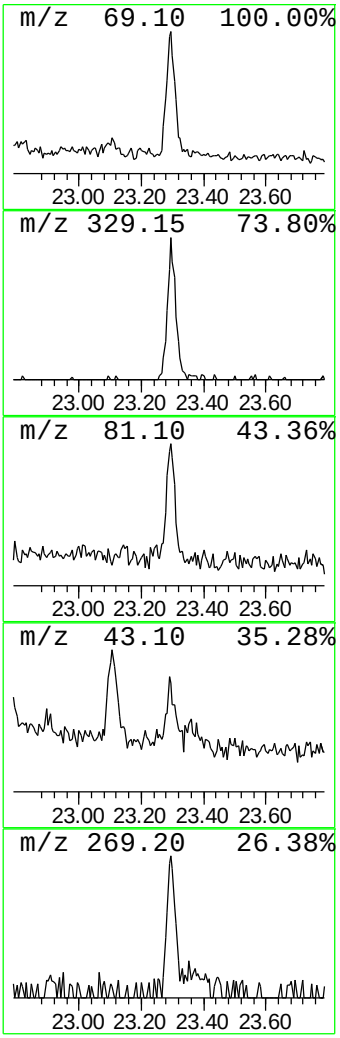
Peak Number 20 unknown23.29 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.96 ng	123389	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobaltocene,decamethyl-	329	C20H30Co	074507-62-3	35
2	5,7-Dihydroxy-3,6,8-trimethoxyfl...	344	C18H16O7	071479-92-0	33
3	3-Phenyl-1,2,3,4-tetrahydropyraz...	329	C20H15N3O2	1000110-96-7	30
4	1-Hydroxy-4-(p-toluidino)anthraq...	329	C21H15NO3	000081-48-1	30
5	2-(p-Chlorophenyl)-2H-phenanthro...	329	C20H12ClN3	000975-84-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111119\
Data File : BG043596.D
Acq On : 11 Nov 2019 23:12
Operator : JU
Sample : K5758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CO-1008

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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	5.8	ng	56010	1	8.00	194573	20.0
2-Pentanone, 4-hy...	5.10	14.3	ng	138835	1	8.00	194573	20.0
unknown7.55	7.55	56.2	ng	546412	1	8.00	194573	20.0
(+)-2-Bornanone	10.21	3.3	ng	44811	2	10.80	275256	20.0
Ethanol, 2-(2-but...	10.58	7.0	ng	96036	2	10.80	275256	20.0
unknown10.86	10.86	3.6	ng	49464	2	10.80	275256	20.0
unknown11.15	11.15	4.7	ng	64468	2	10.80	275256	20.0
unknown14.72	14.72	3.3	ng	79065	3	14.63	485887	20.0
n-Hexadecanoic acid	18.27	10.0	ng	305616	4	17.38	610341	20.0
Sulfurous acid, h...	19.31	3.4	ng	103931	4	17.38	610341	20.0
Butyl citrate	19.67	37.3	ng	994328	5	21.64	533896	20.0
Octadecanoic acid...	20.47	3.2	ng	84881	5	21.64	533896	20.0
Morpholine, 4-phe...	21.24	17.7	ng	471607	5	21.64	533896	20.0
Glyoxylamide, N-p...	21.30	24.8	ng	661121	5	21.64	533896	20.0
1,3-Dioxolane, 2-...	21.37	57.2	ng	1526040	5	21.64	533896	20.0
Hexadecanoic acid...	21.42	17.4	ng	465267	5	21.64	533896	20.0
7-Oxodehydroabiet...	22.05	3.8	ng	102388	5	21.64	533896	20.0
unknown22.65	22.65	4.3	ng	115117	5	21.64	533896	20.0
unknown23.29	23.29	4.0	ng	123389	6	24.82	623174	20.0