LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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	3.176	9	15	25	rVB	91755	179552	9.00%	1.440%
2	5.114	338	345	352	rBV	95957	155385	7.79%	1.246%
3	5.608	422	429	446	rBV	454150	807869	40.49%	6.479%
4	7.212	695	702	719	rBV	468736	931525	46.69%	7.471%
5	7.559	753	761	779	rBV	504307	924280	46.32%	7.413%
6	8.005	830	837	846	rBV	115926	203438	10.20%	1.632%
7	8.328	883	892	903	rBV	396473	720091	36.09%	5.775%
8	9.169	1027	1035	1049	rBV	264275	540590	27.09%	4.335%
9	10.814	1308	1315	1323	rBV	131319	250553	12.56%	2.009%
10	13.258	1724	1731	1745	rBV	759364	1297918	65.05%	10.409%
11	14.086	1866	1872	1887	rBV	77464	134879	6.76%	1.082%
12	14.545	1940	1950	1958	rBV3	70847	126574	6.34%	1.015%
13	14.639	1958	1966	1980	rVV	235835	396168	19.86%	3.177%
14	15.021	2025	2031	2038	rVB	50997	74387	3.73%	0.597%
15	16.131	2212	2220	2235	rBV	705717	1201013	60.19%	9.632%
16	16.337	2250	2255	2264	rVB3	33988	61093	3.06%	0.490%
17	16.677	2308	2313	2320	rBV2	20919	33728	1.69%	0.270%
18	17.288	2412	2417	2422	rBV5	15980	30370	1.52%	0.244%
19	17.382	2427	2433	2441	rBV	297903	486231	24.37%	3.900%
20	17.500	2450	2453	2459	rVB7	15655	25079	1.26%	0.201%
21	17.565	2459	2464	2469	rVB3	36252	50088	2.51%	0.402%
22	17.764	2492	2498	2507	rBV10	10343	32747	1.64%	0.263%
23	18.276	2580	2585	2594	rBV3	52248	95162	4.77%	0.763%
24	18.558	2630	2633	2638	rBV5	14941	22837	1.14%	0.183%
25	18.687	2652	2655	2659	rVB6	21057	28224	1.41%	0.226%
26	19.192	2737	2741	2744	rBV3	18421	26408	1.32%	0.212%
27	19.762	2835	2838	2842	rBV2	26895	39758	1.99%	0.319%
28	19.997	2872	2878	2886	rVB	1416066	1995229	100.00%	16.002%
29	20.291	2925	2928	2932	rBV3	40202	60825	3.05%	0.488%
30	20.743	3001	3005	3009	rBV	313294	372370	18.66%	2.986%
31	21.648	3155	3159	3165	rBV	299895	491056	24.61%	3.938%
32	24.850	3697	3704	3714	rVB3	225997	673566	33.76%	5.402%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
9-B

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

Sum of corrected areas: 12468993

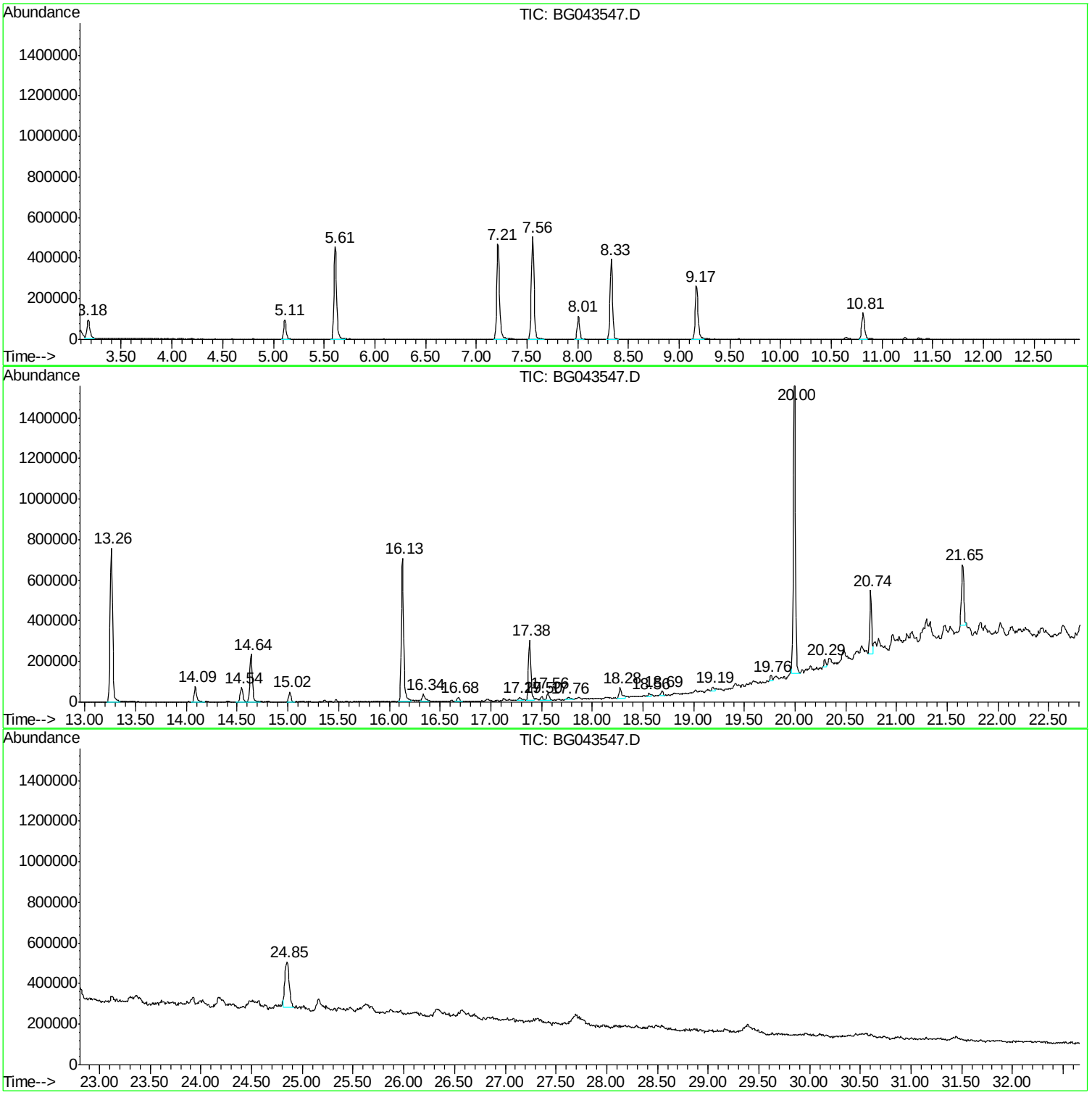
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

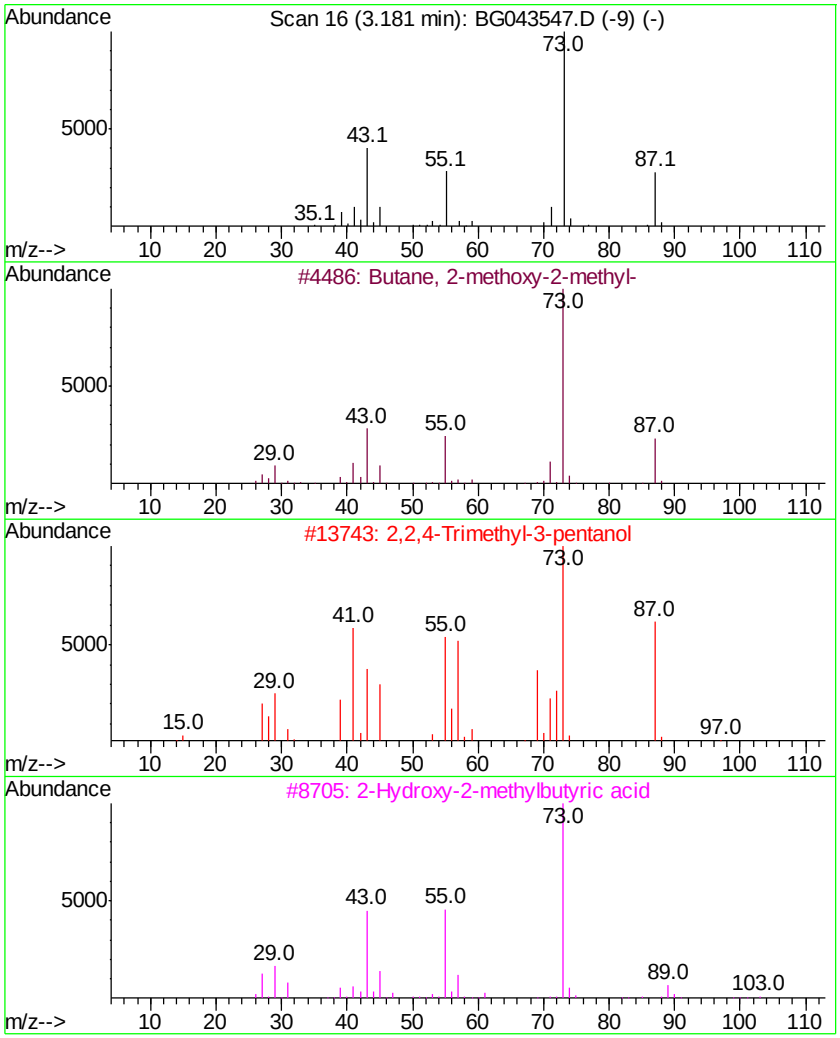
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

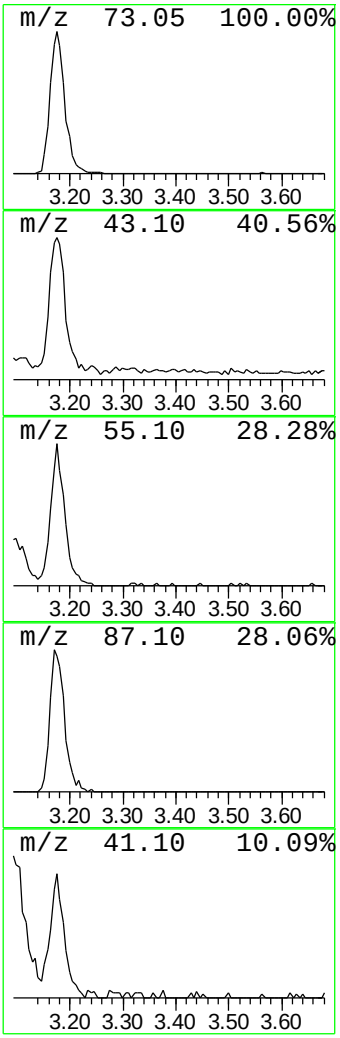
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	17.65 ng	179552	1,4-Dichlorobenzene-d4	8.01

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	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

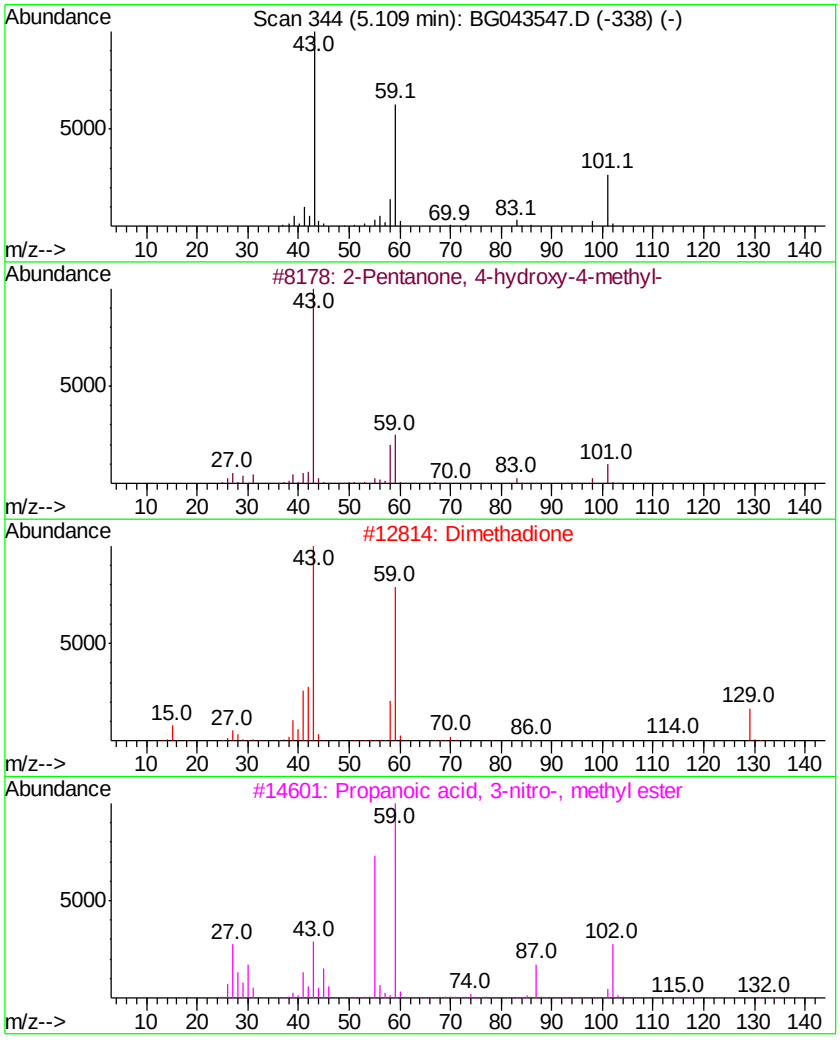
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

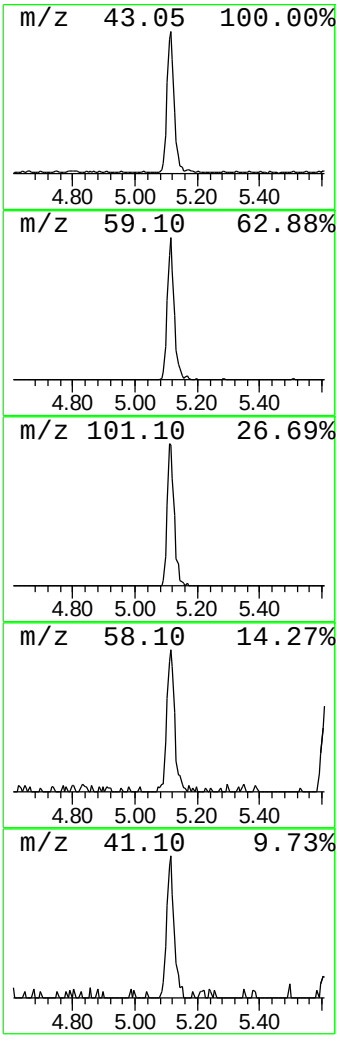
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	15.28 ng	155385	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Dimethadione	129	C5H7NO3	000695-53-4	33
3	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

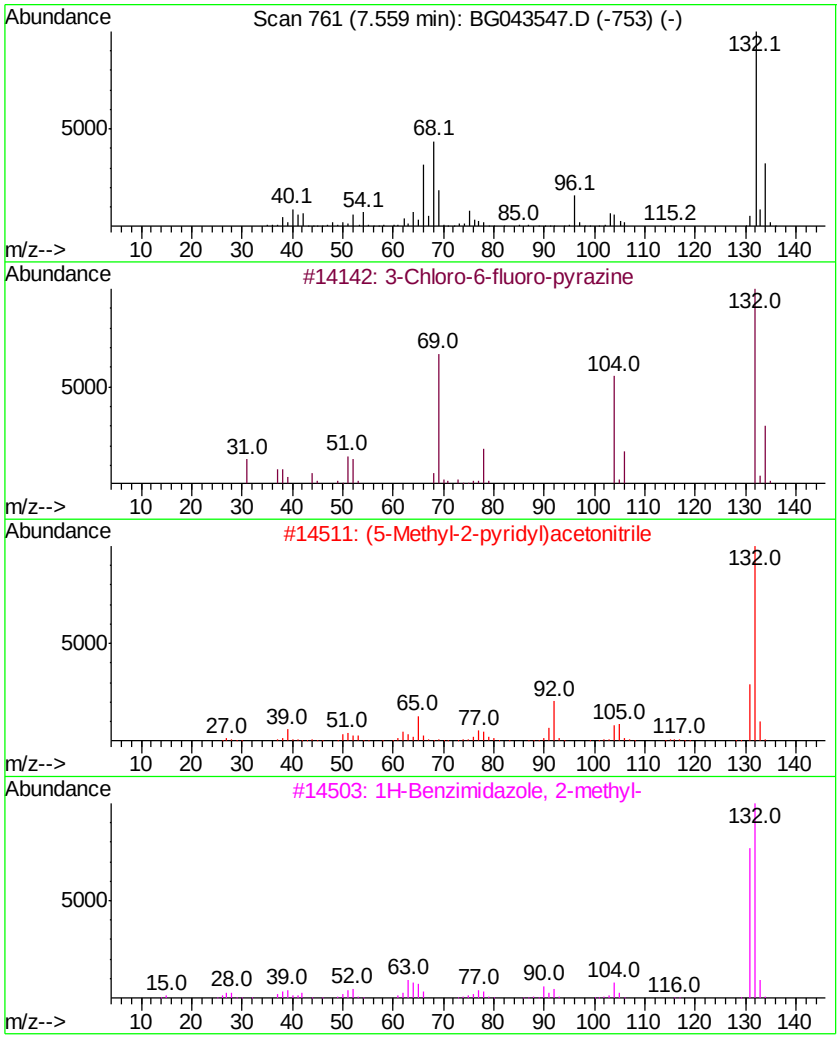
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

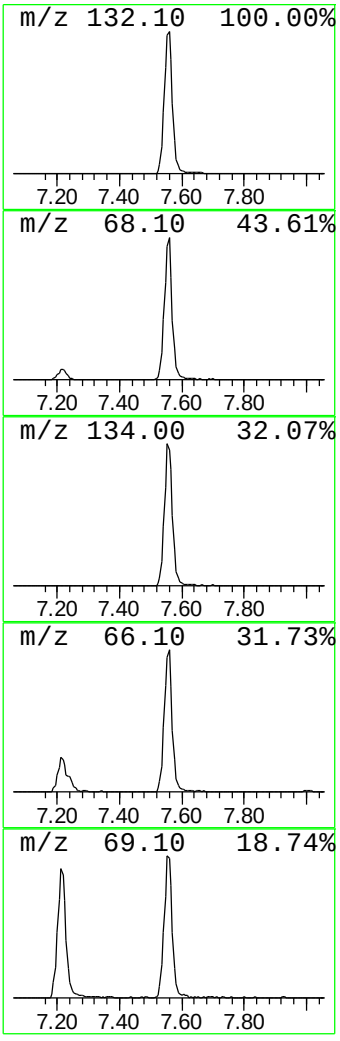
****

Peak Number 3 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	90.87 ng	924280	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

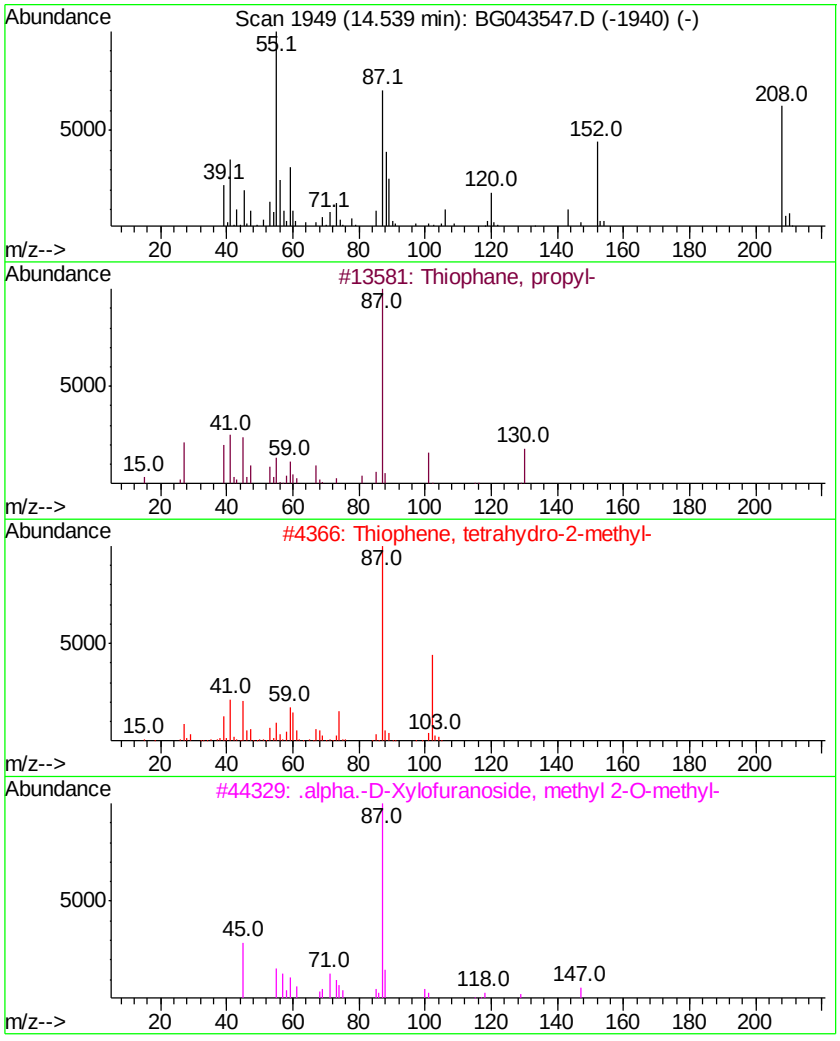
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

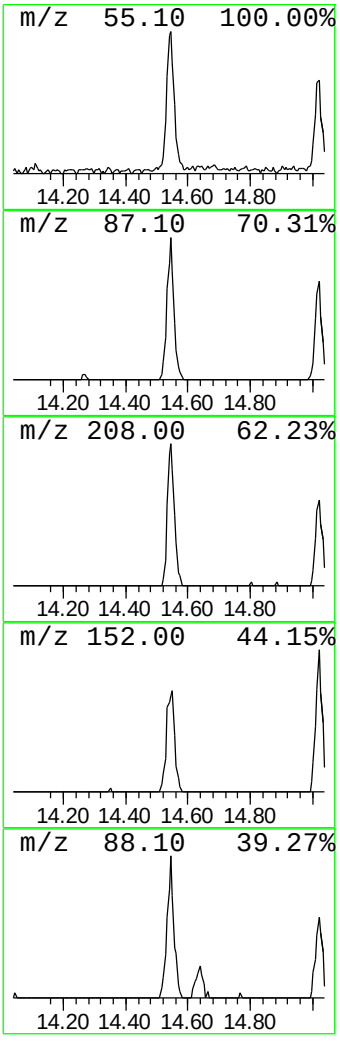
****

Peak Number 5 unknown14.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.39 ng	126574	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	22
2	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	16
3	.alpha.-D-Xylofuranoside, methyl...	178	C7H14O5	032469-86-6	14
4	2-[2-[2-[2-[2-(2-Methoxyethoxy)e...	338	C15H30O8	1000351-91-5	12
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	558	C25H50O13	1000351-91-9	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

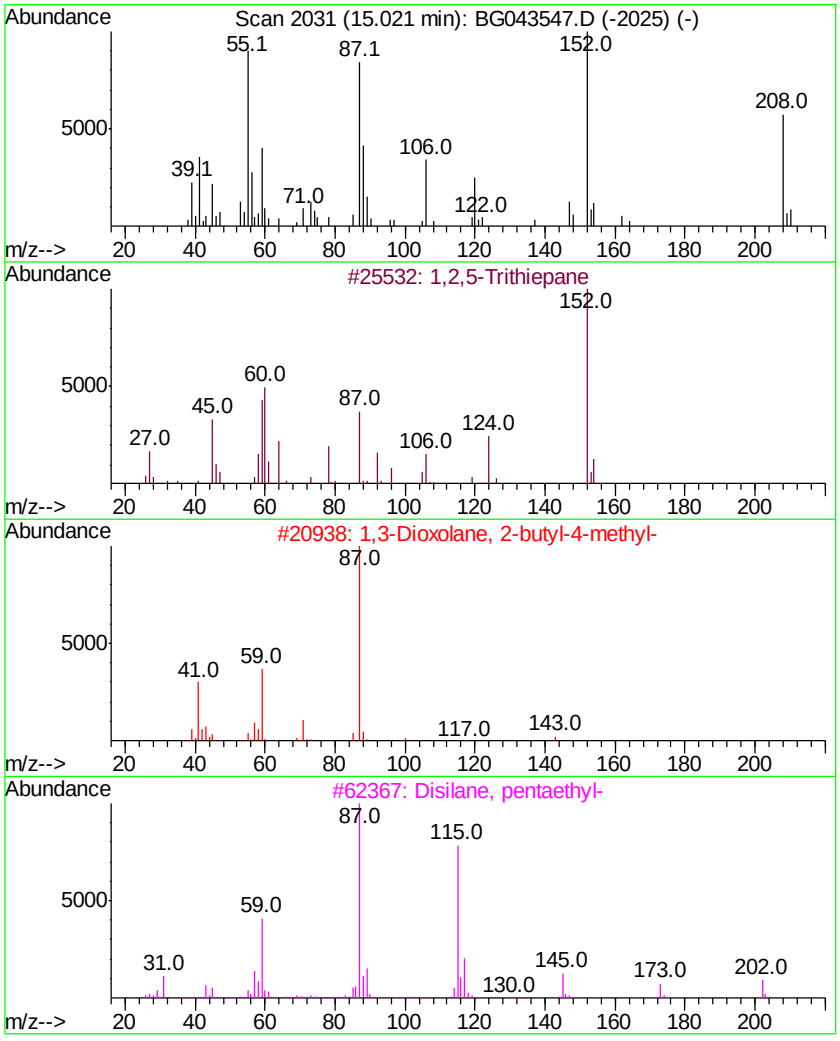
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

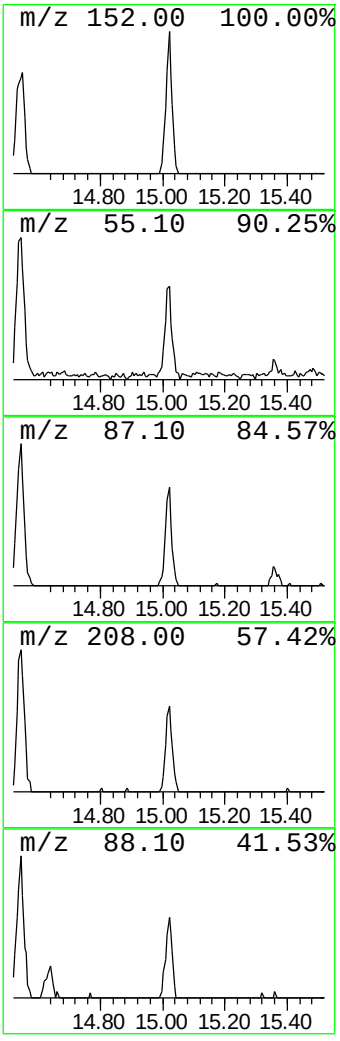
****

Peak Number 6 unknown15.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.76 ng	74387	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	25
2	1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	12
3	Disilane, pentaethyl-	202	C10H26Si2	003754-74-3	12
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	558	C25H50O13	1000351-91-9	12
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	12





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Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

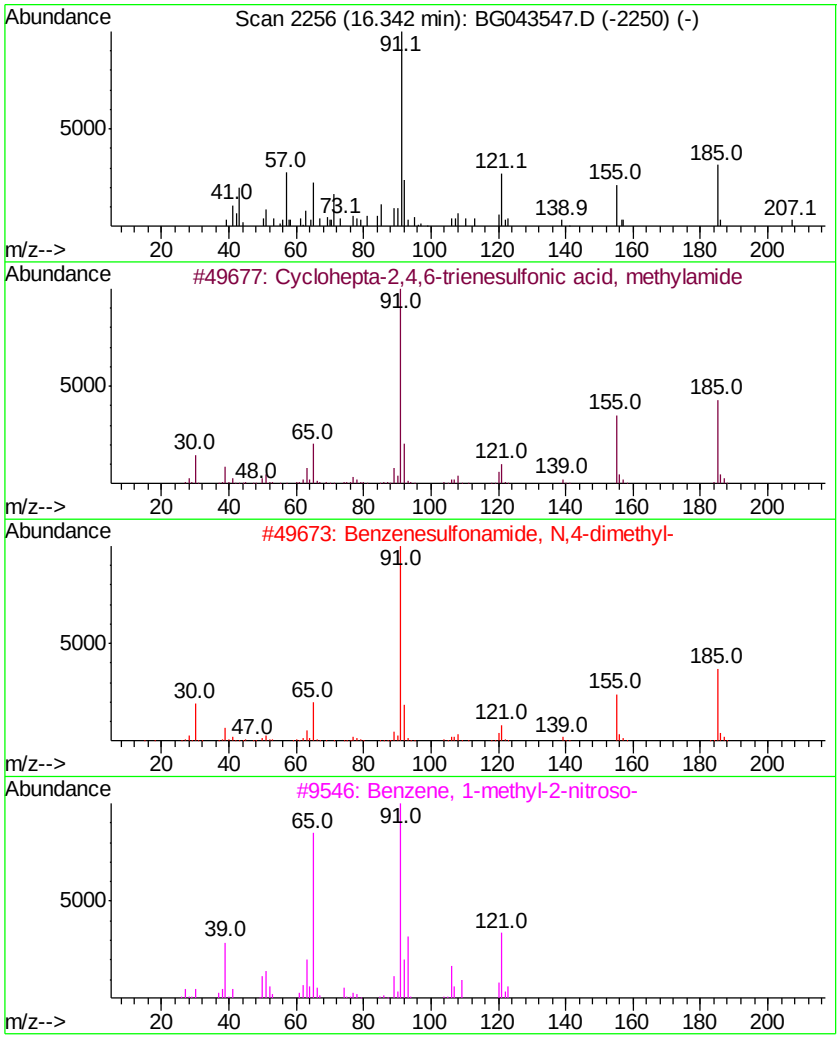
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

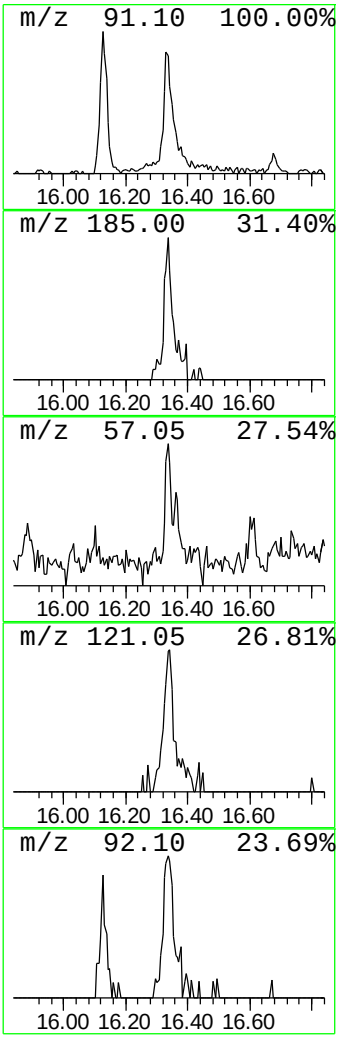
****

Peak Number 7 Cyclohepta-2,4,6-trienesulf... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.51 ng	61093	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	74
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	64
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	38
4	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	38
5	3-Methyl-2-(toluene-4-sulfonylam...	283	C13H17NO4S	1000185-42-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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
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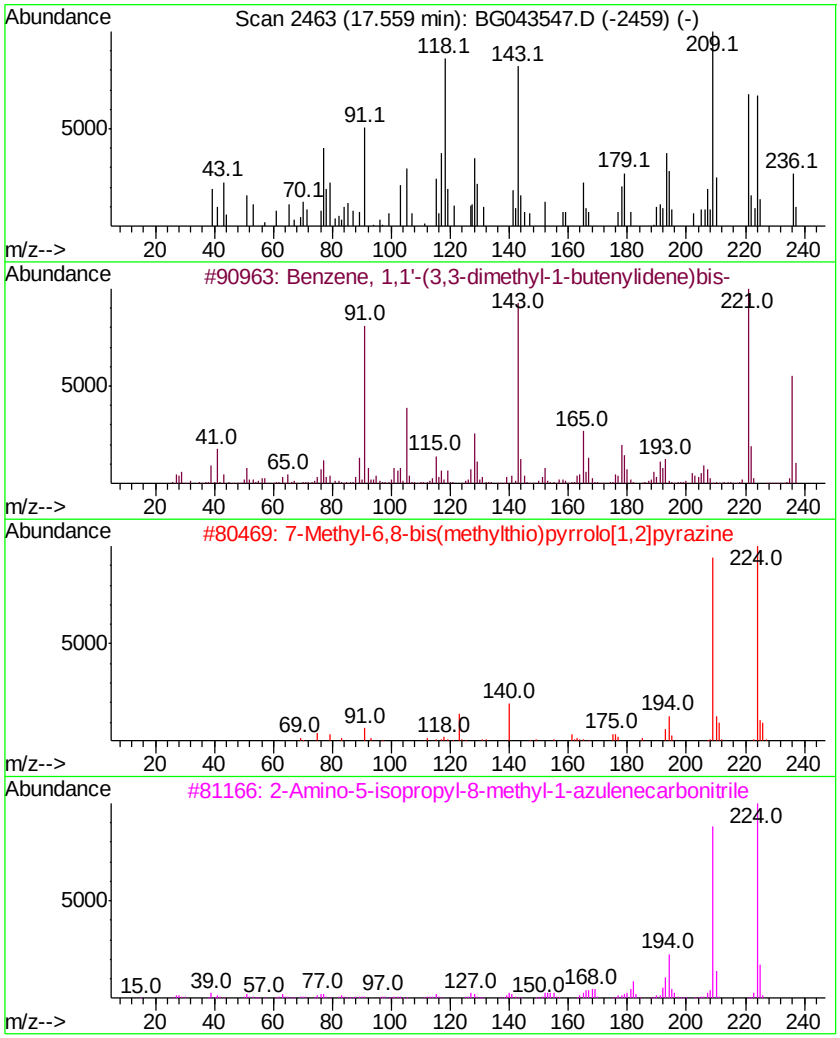
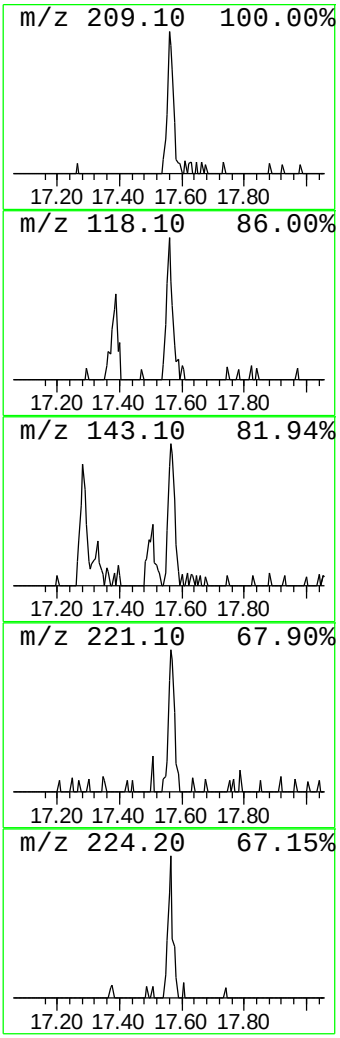
****

Peak Number 8 unknown17.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.06 ng	50088	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(3,3-dimethyl-1-bu...	236	C18H20	023586-64-3	38
2	7-Methyl-6,8-bis(methylthio)pyrr...	224	C10H12N2S2	084201-40-1	22
3	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	22
4	1H-1,3-Benzimidazole, 5-methoxy-...	224	C14H12N2O	1000350-62-4	18
5	Cyclopropane, 1-(4-methoxyphenyl...	224	C16H16O	117954-06-0	15





Library Search Compound Report

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

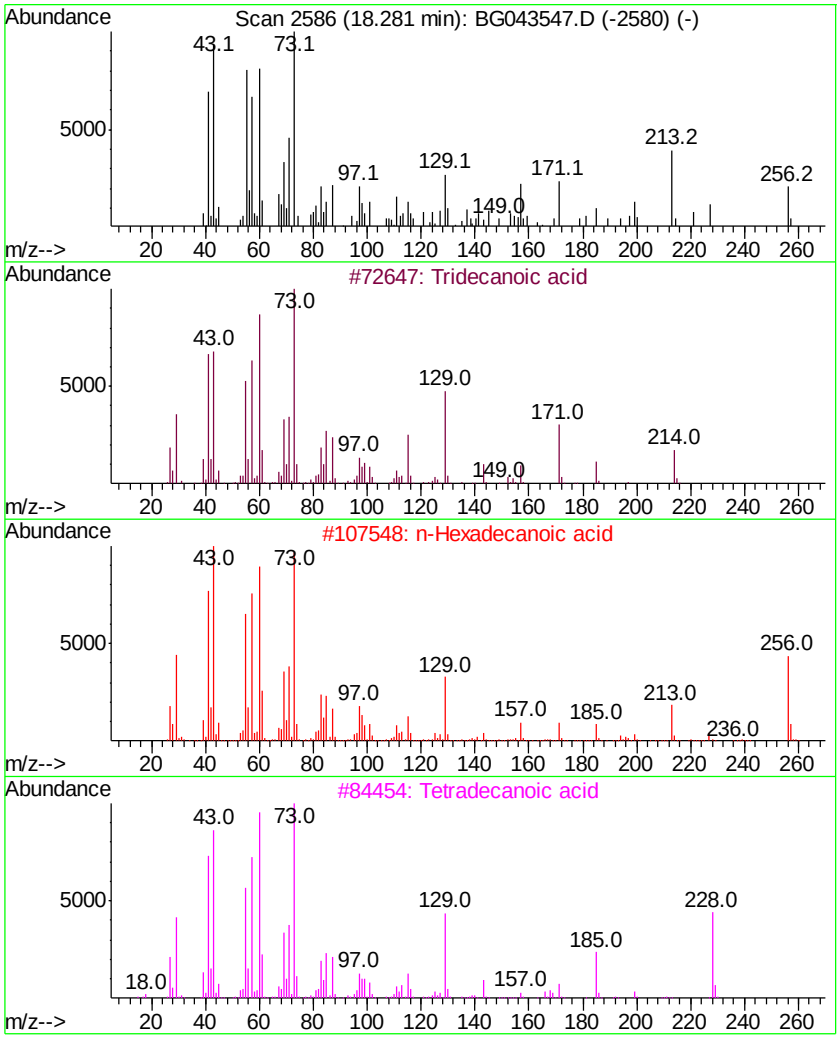
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

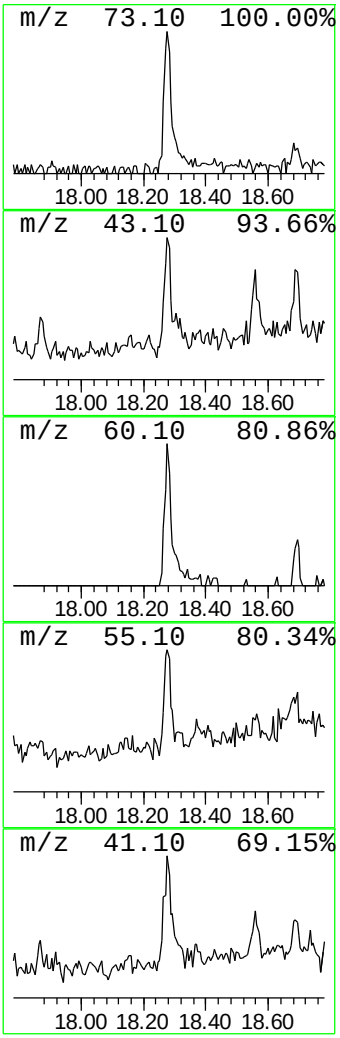
****

Peak Number 9 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.91 ng	95162	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

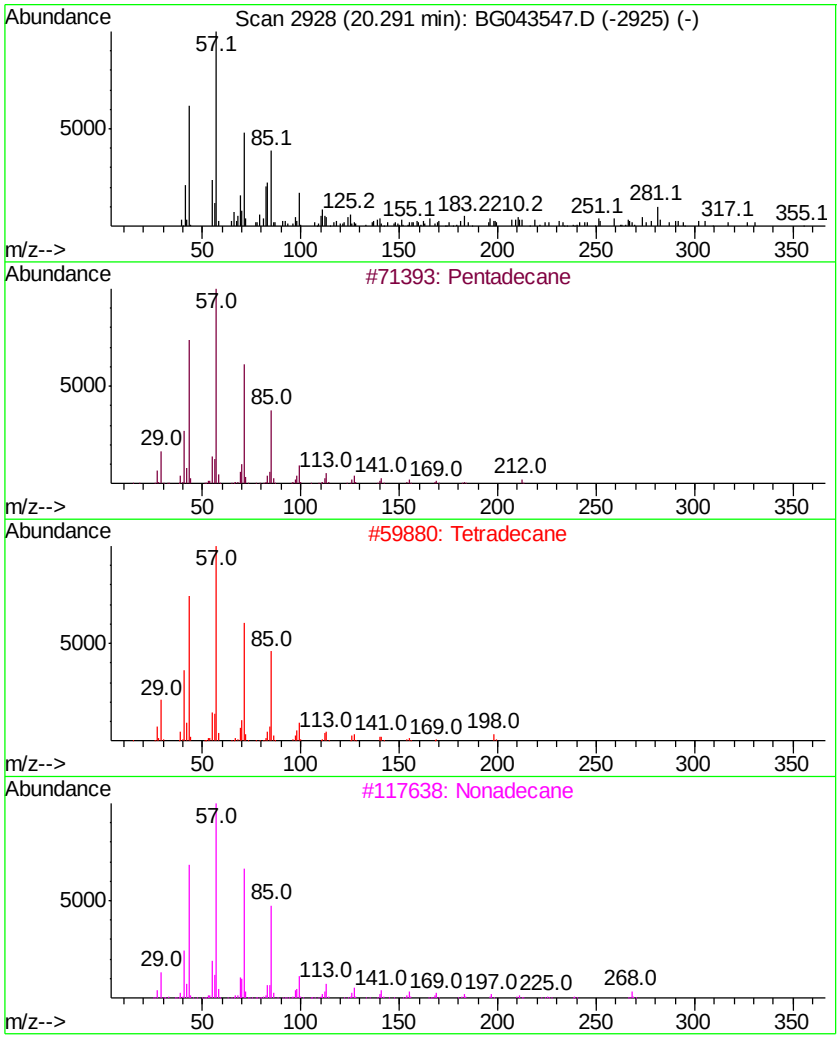
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

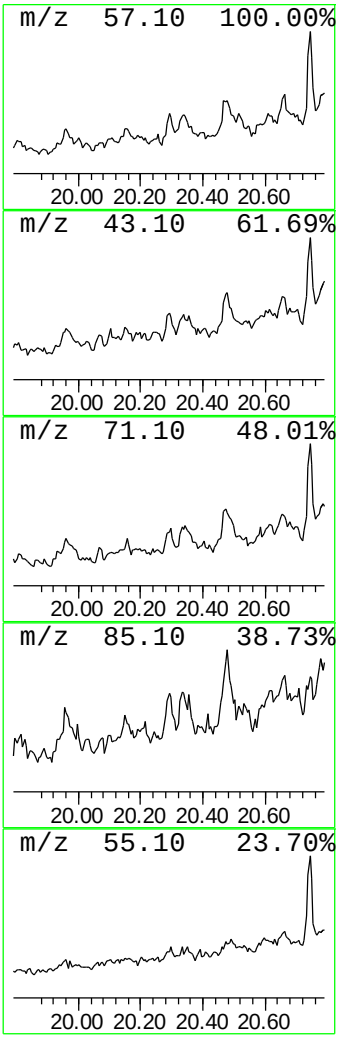
****

Peak Number 10 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.48 ng	60825	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Tetradecane	198	C14H30	000629-59-4	62
3	Nonadecane	268	C19H40	000629-92-5	58
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5	Tetracosane	338	C24H50	000646-31-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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

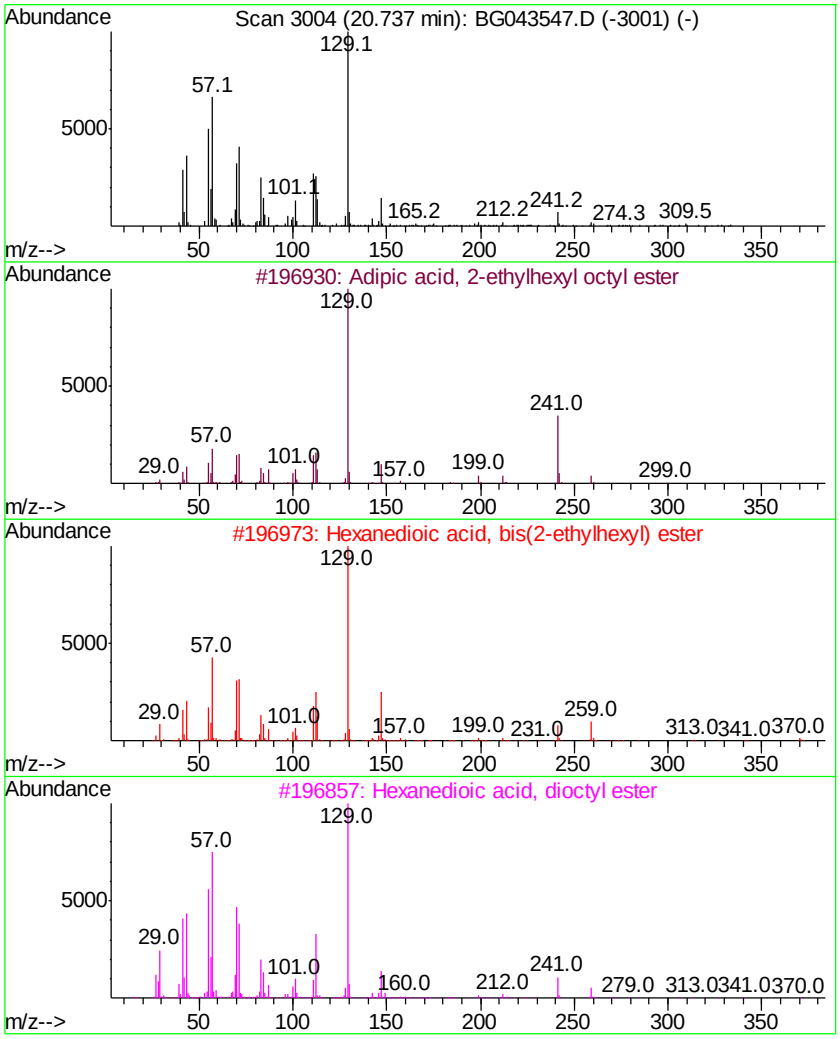
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

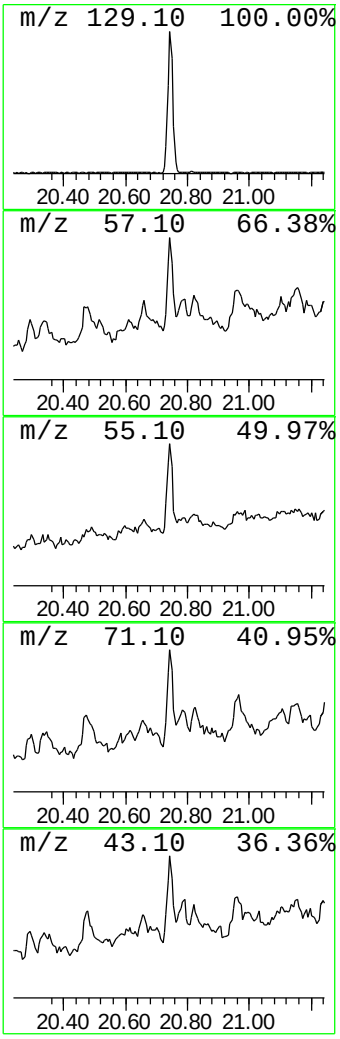
****

Peak Number 11 Adipic acid, 2-ethylhexyl o... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	15.17 ng	372370	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	86
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	53
4	Adipic acid, 2-ethylhexyl pentad...	468	C29H56O4	1000324-49-1	53
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
Data File : BG043547.D
Acq On : 7 Nov 2019 20:09
Operator : JU
Sample : K5723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-B

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...	3.18	17.6	ng	179552	1	8.01	203438	20.0
2-Pentanone, 4-hy...	5.11	15.3	ng	155385	1	8.01	203438	20.0
unknown7.56	7.56	90.9	ng	924280	1	8.01	203438	20.0
unknown14.54	14.54	6.4	ng	126574	3	14.64	396168	20.0
unknown15.02	15.02	3.8	ng	74387	3	14.64	396168	20.0
Cyclohepta-2,4,6-...	16.34	2.5	ng	61093	4	17.38	486231	20.0
unknown17.56	17.56	2.1	ng	50088	4	17.38	486231	20.0
Tridecanoic acid	18.28	3.9	ng	95162	4	17.38	486231	20.0
Pentadecane	20.29	2.5	ng	60825	5	21.65	491056	20.0
Adipic acid, 2-et...	20.74	15.2	ng	372370	5	21.65	491056	20.0