LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043260.D
Acq On : 17 Oct 2019 00:44
Operator : JU
Sample : K5352-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-S

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-BG092519.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	3.144	4	9	18	rBV3	36996	94532	2.45%	0.458%
2	3.226	18	23	35	rVB2	66755	116049	3.01%	0.562%
3	5.635	426	433	449	rBV	860876	1501568	38.98%	7.277%
4	7.227	695	704	717	rBV	903879	1670560	43.37%	8.096%
5	7.592	758	766	783	rBV	913966	1665093	43.23%	8.069%
6	8.050	837	844	852	rBV	189311	332134	8.62%	1.610%
7	8.373	892	899	918	rBV	716259	1306779	33.92%	6.333%
8	9.213	1033	1042	1059	rBV	511764	1018967	26.45%	4.938%
9	10.858	1314	1322	1333	rBV	207045	413102	10.72%	2.002%
10	13.303	1730	1738	1754	rBV	1473373	2539864	65.94%	12.308%
11	14.125	1872	1878	1890	rBV	89433	158165	4.11%	0.766%
12	14.677	1964	1972	1988	rBV	378373	634490	16.47%	3.075%
13	16.164	2217	2225	2244	rBV	1286651	2186870	56.77%	10.598%
14	17.421	2432	2439	2453	rBV2	453413	795855	20.66%	3.857%
15	18.309	2584	2590	2595	rBV3	37555	64416	1.67%	0.312%
16	20.036	2877	2884	2897	rVB	2685299	3852054	100.00%	18.667%
17	20.829	3016	3019	3022	rVB2	36888	40738	1.06%	0.197%
18	21.334	3101	3105	3111	rBV	109350	175299	4.55%	0.850%
19	21.693	3160	3166	3178	rVB	481016	918783	23.85%	4.452%
20	21.887	3196	3199	3203	rVB2	48382	55580	1.44%	0.269%
21	24.930	3708	3717	3734	rVB2	342579	1094556	28.41%	5.304%

Sum of corrected areas: 20635454

LSC Report - Integrated Chromatogram

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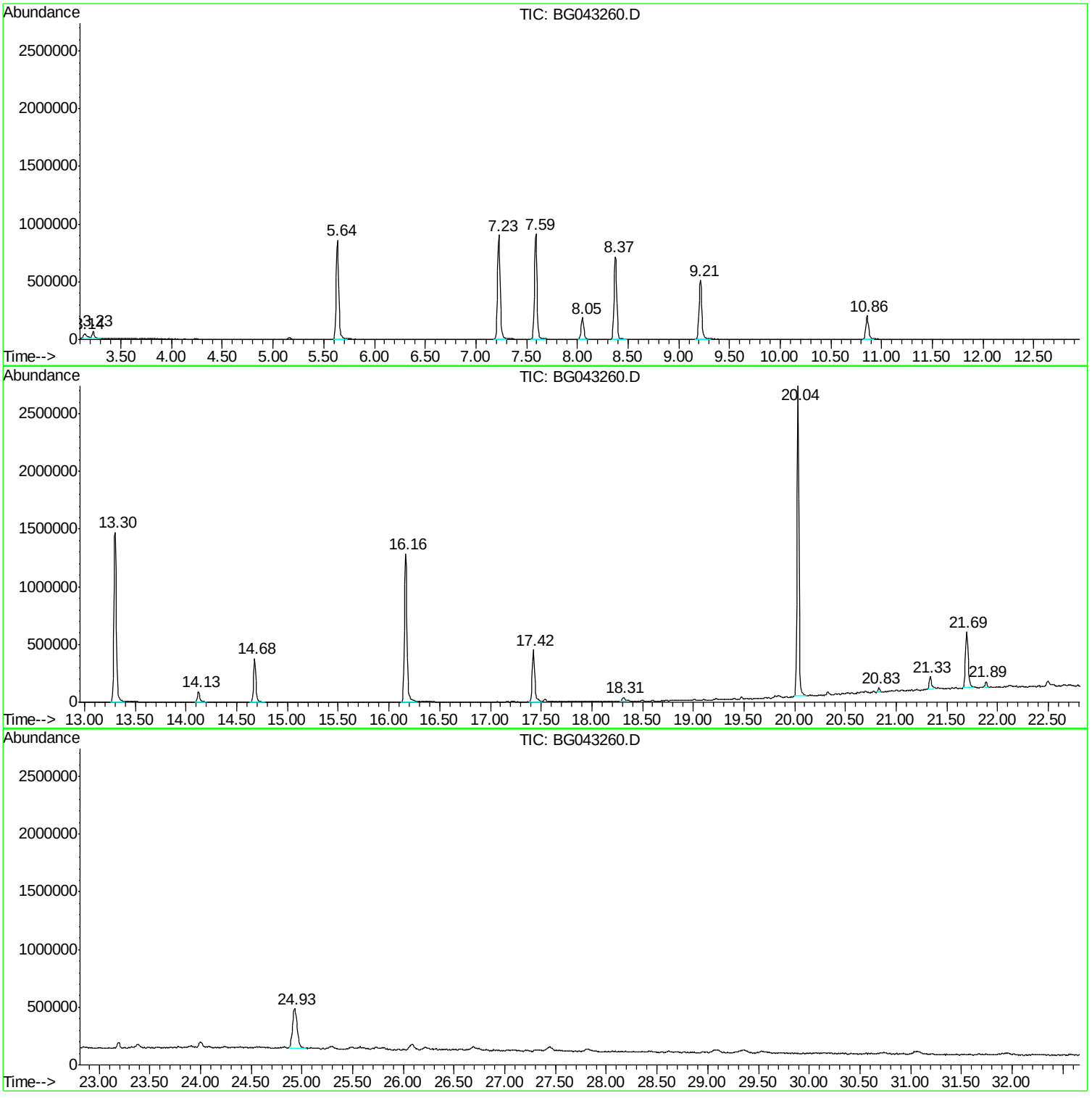
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-20A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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Data File : BG043260.D
Acq On : 17 Oct 2019 00:44
Operator : JU
Sample : K5352-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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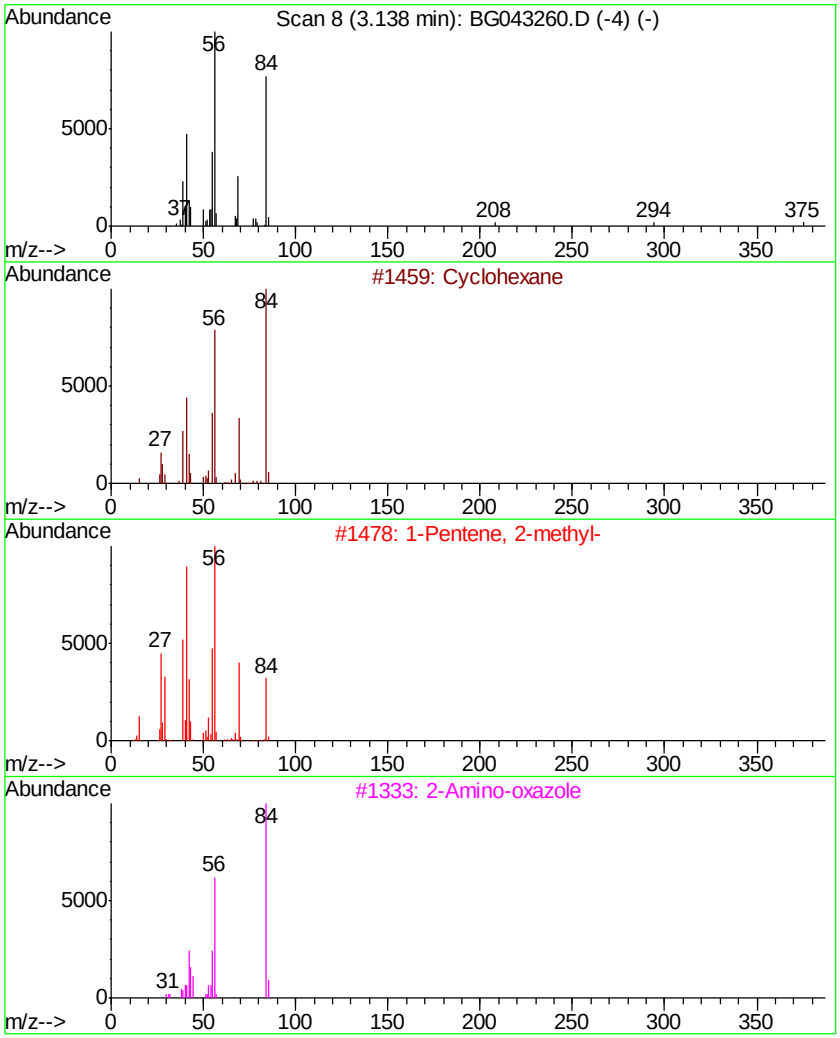
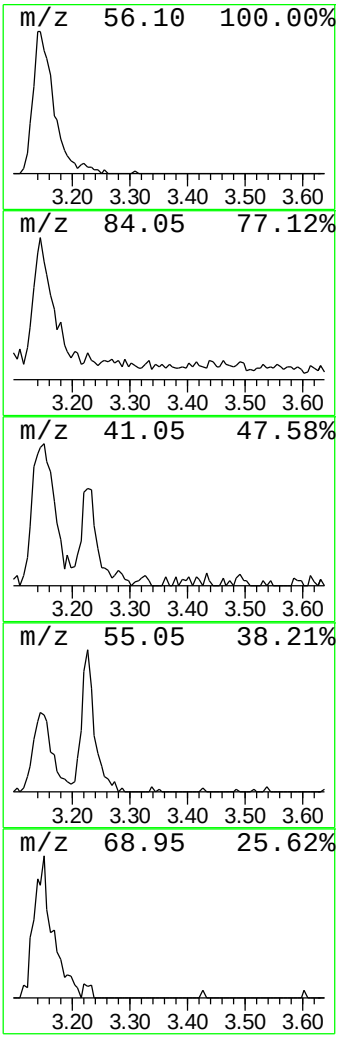
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	5.69 ng	94532	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	64
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	50
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	47





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Acq On : 17 Oct 2019 00:44
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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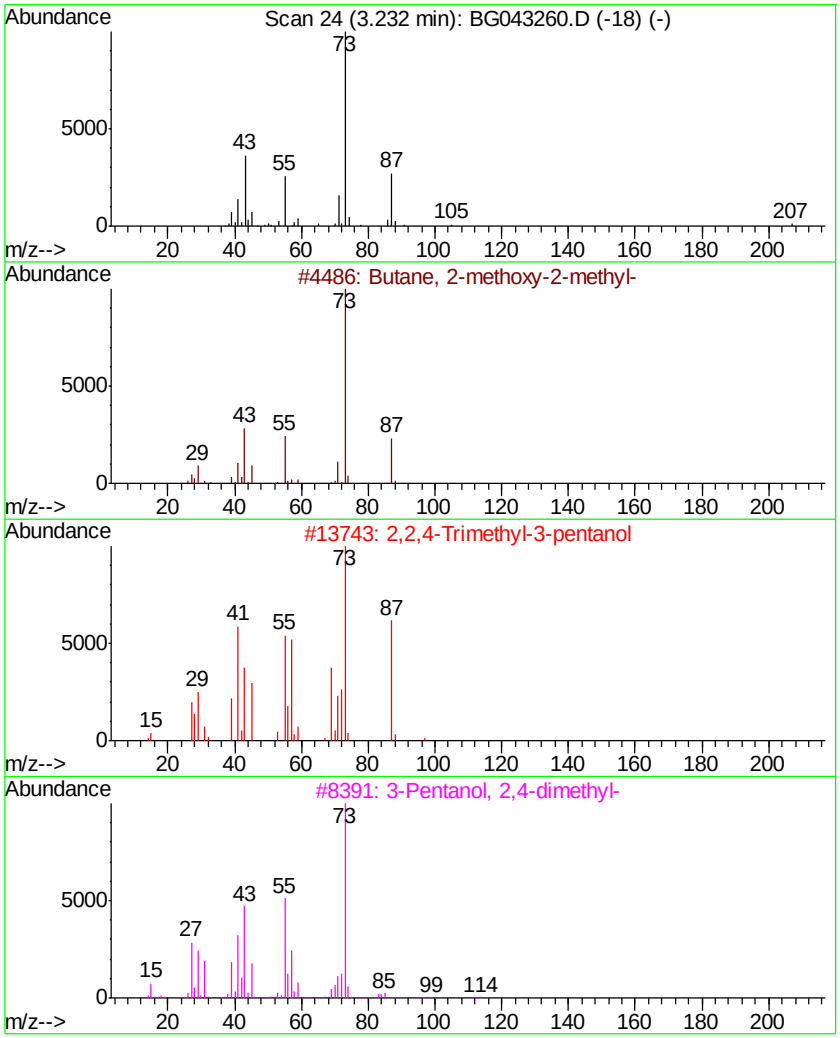
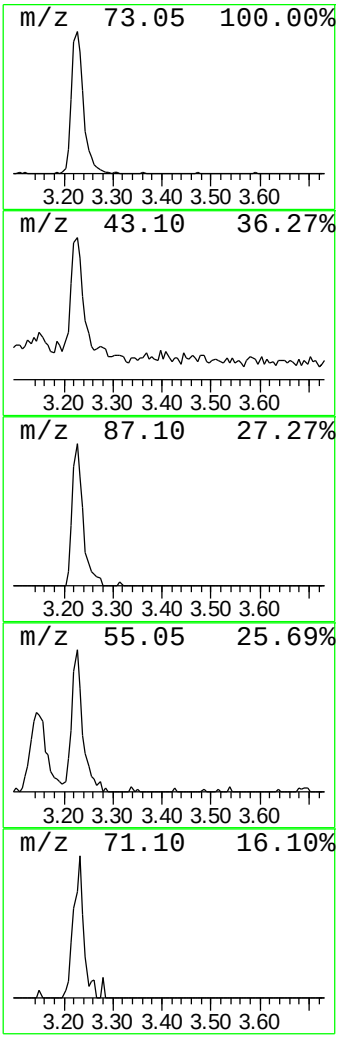
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	6.99 ng	116049	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	17
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043260.D
Acq On : 17 Oct 2019 00:44
Operator : JU
Sample : K5352-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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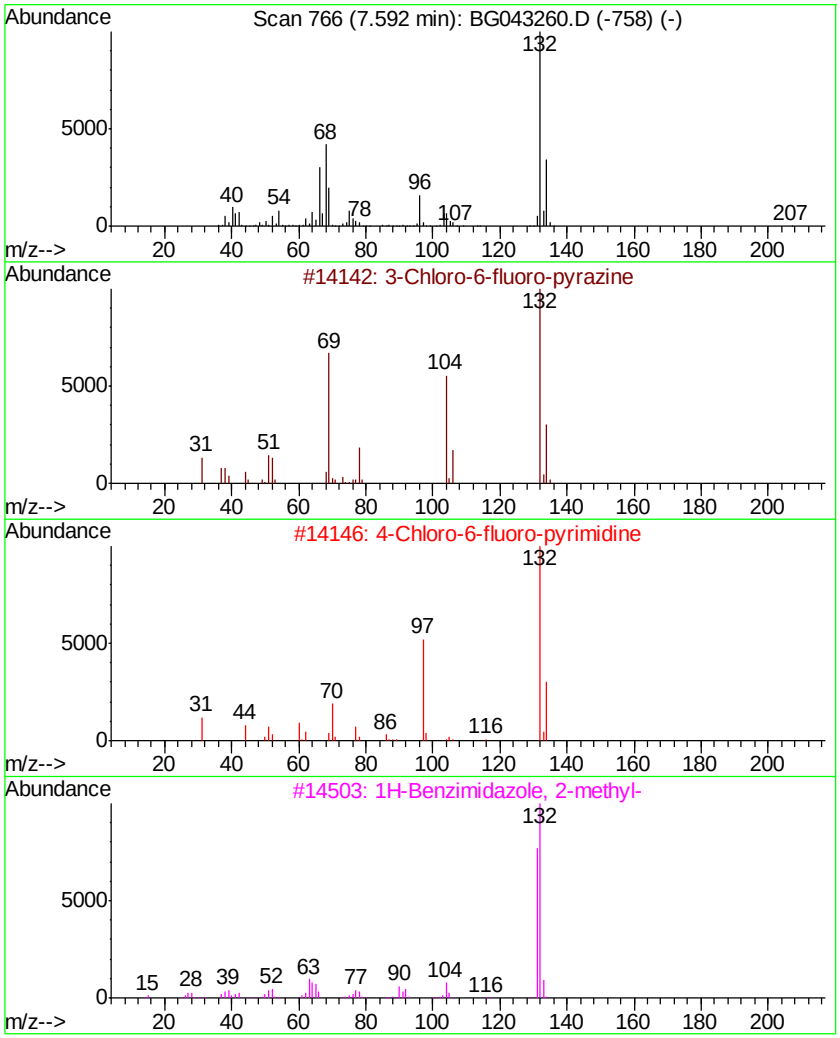
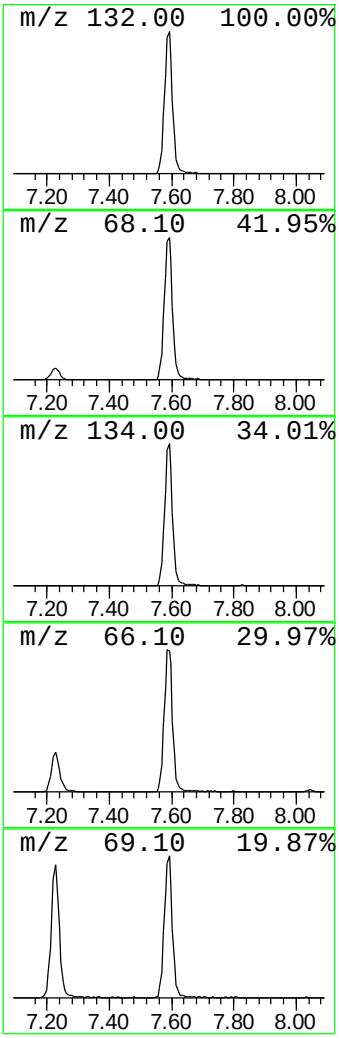
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	100.27 ng	1665090	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043260.D
Acq On : 17 Oct 2019 00:44
Operator : JU
Sample : K5352-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

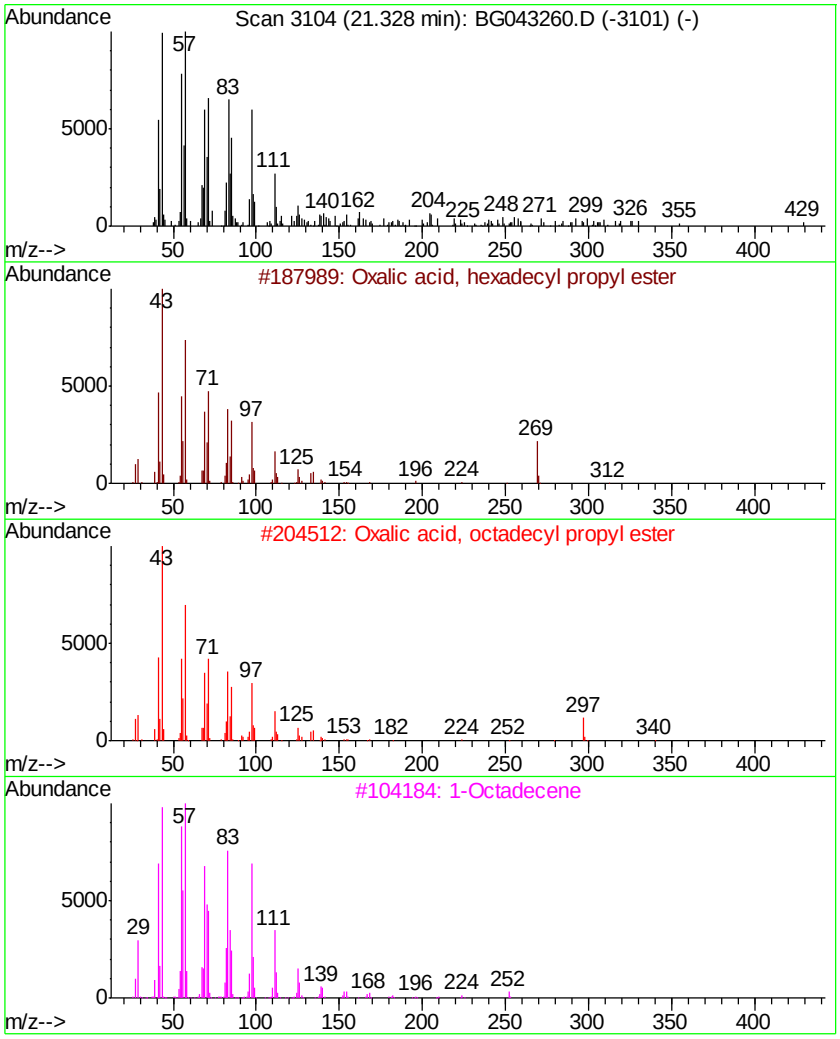
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

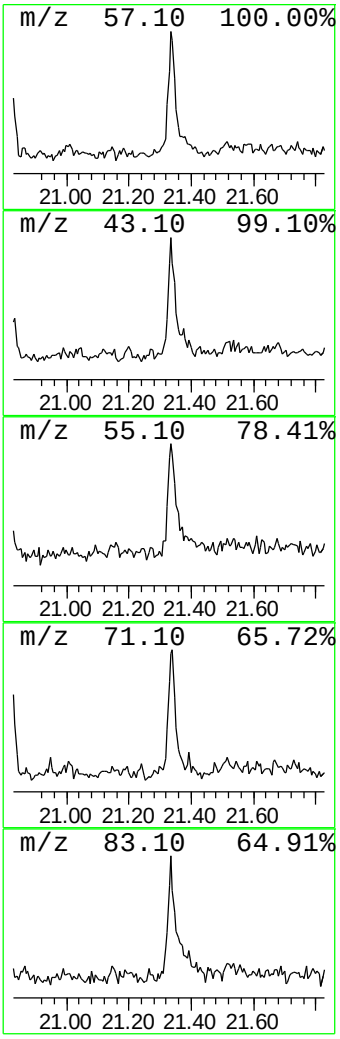
****

Peak Number 5 Oxalic acid, hexadecyl prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.82 ng	175299	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
3	1-Octadecene	252	C18H36	000112-88-9	78
4	Cycloeicosane	280	C20H40	000296-56-0	78
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101619\
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Misc :
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Instrument : BNA_G
ClientSampleId : TP-20A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.14	5.7	ng	94532	1	8.05	332134	20.0
Butane, 2-methoxy...	3.23	7.0	ng	116049	1	8.05	332134	20.0
unknown7.59	7.59	100.3	ng	1665090	1	8.05	332134	20.0
Oxalic acid, hexa...	21.33	3.8	ng	175299	5	21.69	918783	20.0