LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040207.D
Acq On : 28 Mar 2019 19:44
Operator : JU/SJ
Sample : K2107-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

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-BG032719.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	3.138	3	8	17	rBV	165335	327995	8.68%	1.615%
2	3.214	17	21	38	rVB	151268	237465	6.29%	1.169%
3	4.231	190	194	204	rVB	39032	59860	1.58%	0.295%
4	5.623	423	431	448	rVB	940501	1498059	39.66%	7.376%
5	7.221	694	703	715	rBV	969262	1662508	44.01%	8.185%
6	7.597	758	767	775	rBV	945899	1592864	42.17%	7.842%
7	8.068	840	847	858	rBV2	188897	327609	8.67%	1.613%
8	8.391	895	902	911	rVB	667895	1136521	30.09%	5.596%
9	9.243	1040	1047	1059	rBV	560991	998135	26.42%	4.914%
10	10.882	1318	1326	1335	rBV	245600	450618	11.93%	2.219%
11	13.320	1734	1741	1750	rBV	1464742	2286510	60.53%	11.257%
12	14.143	1876	1881	1888	rBV	95182	132570	3.51%	0.653%
13	14.701	1968	1976	1988	rVB2	390358	629872	16.67%	3.101%
14	16.187	2223	2229	2242	rBV	1125616	1735030	45.93%	8.542%
15	17.445	2436	2443	2455	rVB2	569961	846185	22.40%	4.166%
16	18.303	2582	2589	2596	rBV3	27020	44433	1.18%	0.219%
17	20.048	2879	2886	2892	rBV	2781242	3777679	100.00%	18.599%
18	21.323	3096	3103	3114	rBV4	37450	102893	2.72%	0.507%
19	21.722	3163	3171	3184	rBV	616302	1027319	27.19%	5.058%
20	21.869	3191	3196	3203	rVB	37587	52215	1.38%	0.257%
21	22.480	3294	3300	3307	rBV2	39267	66442	1.76%	0.327%
22	23.179	3413	3419	3425	rBV	47939	84175	2.23%	0.414%
23	23.990	3551	3557	3564	rBV2	43043	85772	2.27%	0.422%
24	24.954	3714	3721	3722	rBV	37816	62799	1.66%	0.309%
25	25.024	3724	3733	3745	rVB3	336713	1001126	26.50%	4.929%
26	26.099	3909	3916	3927	rVB4	29793	84552	2.24%	0.416%

Sum of corrected areas: 20311206

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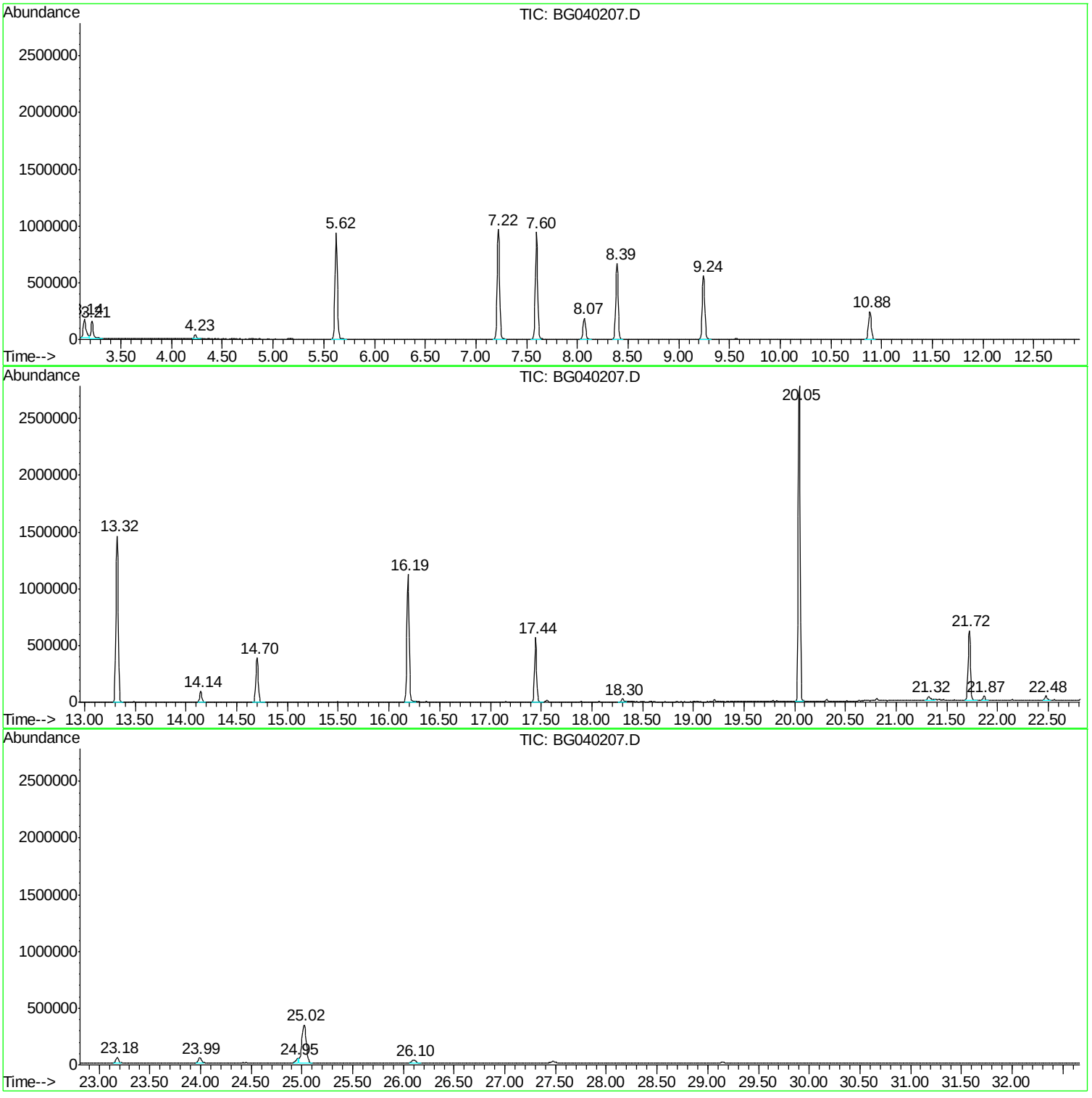
Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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

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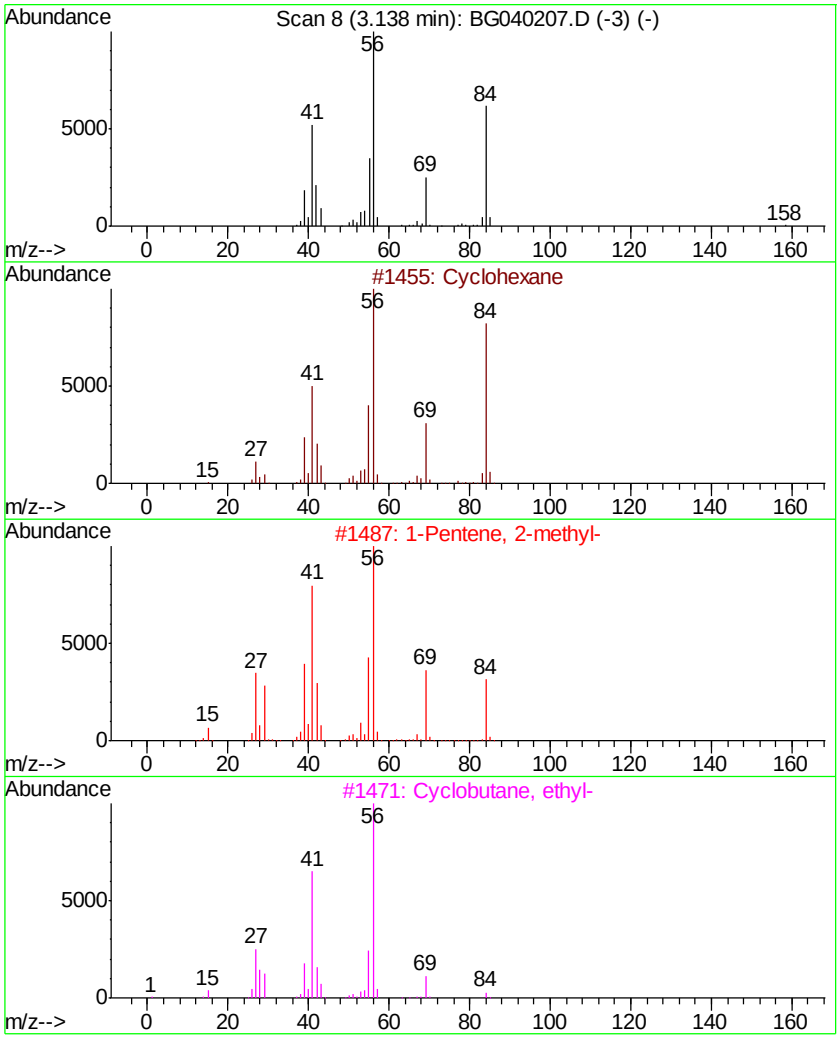
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

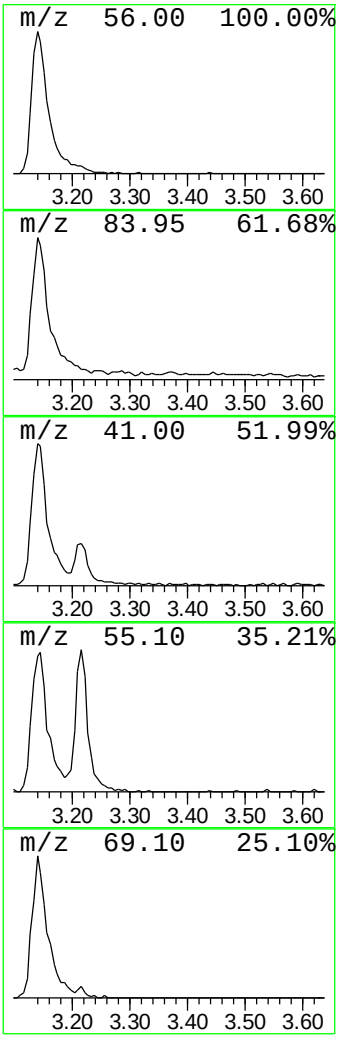
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	20.02 ng	327995	1,4-Dichlorobenzene-d4	8.07

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	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
4	1-Hexene	84	C6H12	000592-41-6	59
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	56





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Sample : K2107-05
Misc :
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Instrument : BNA_G
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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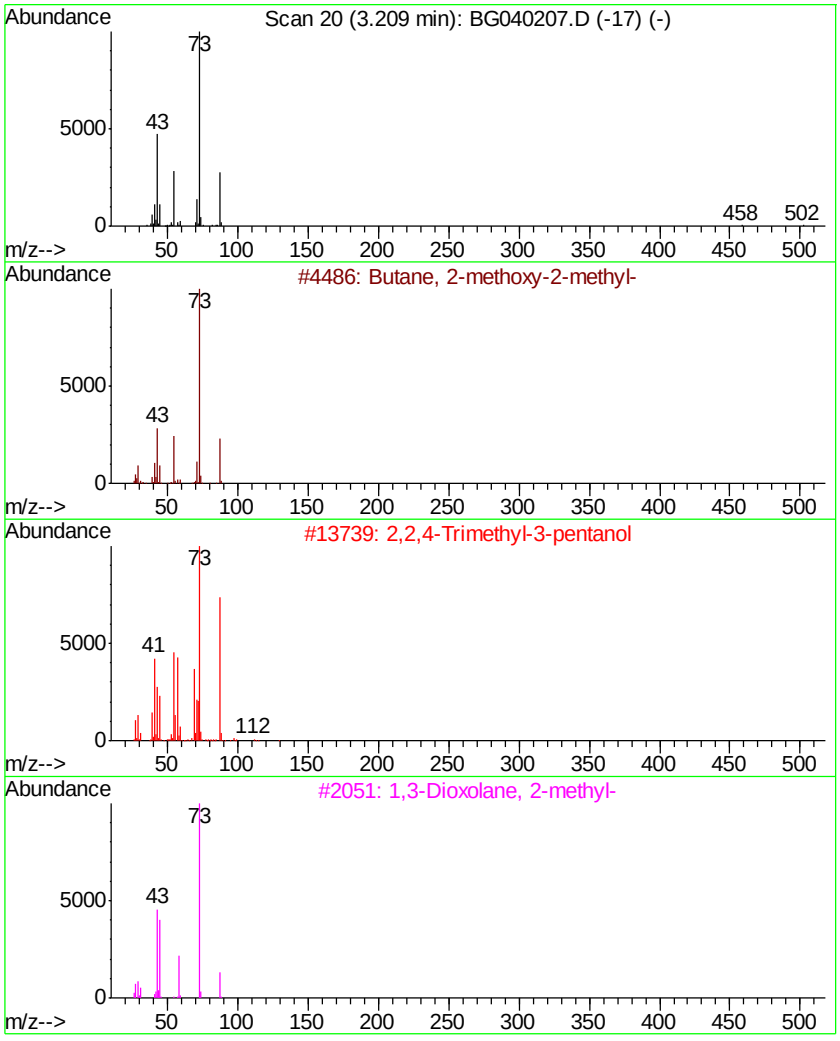
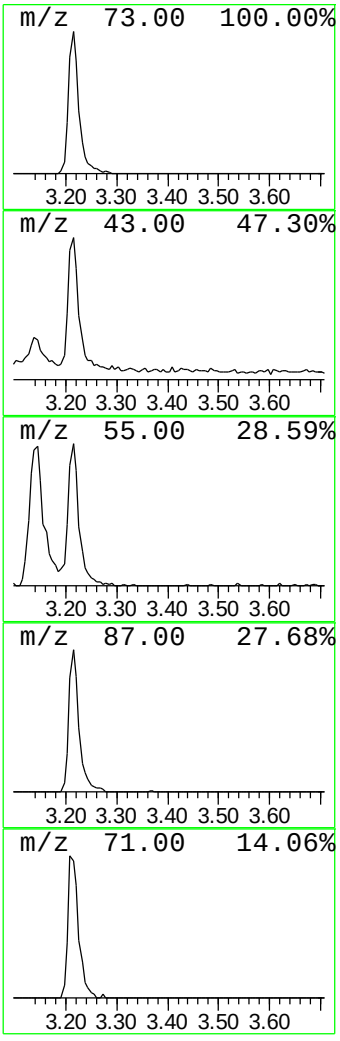
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	14.50 ng	237465	1,4-Dichlorobenzene-d4	8.07

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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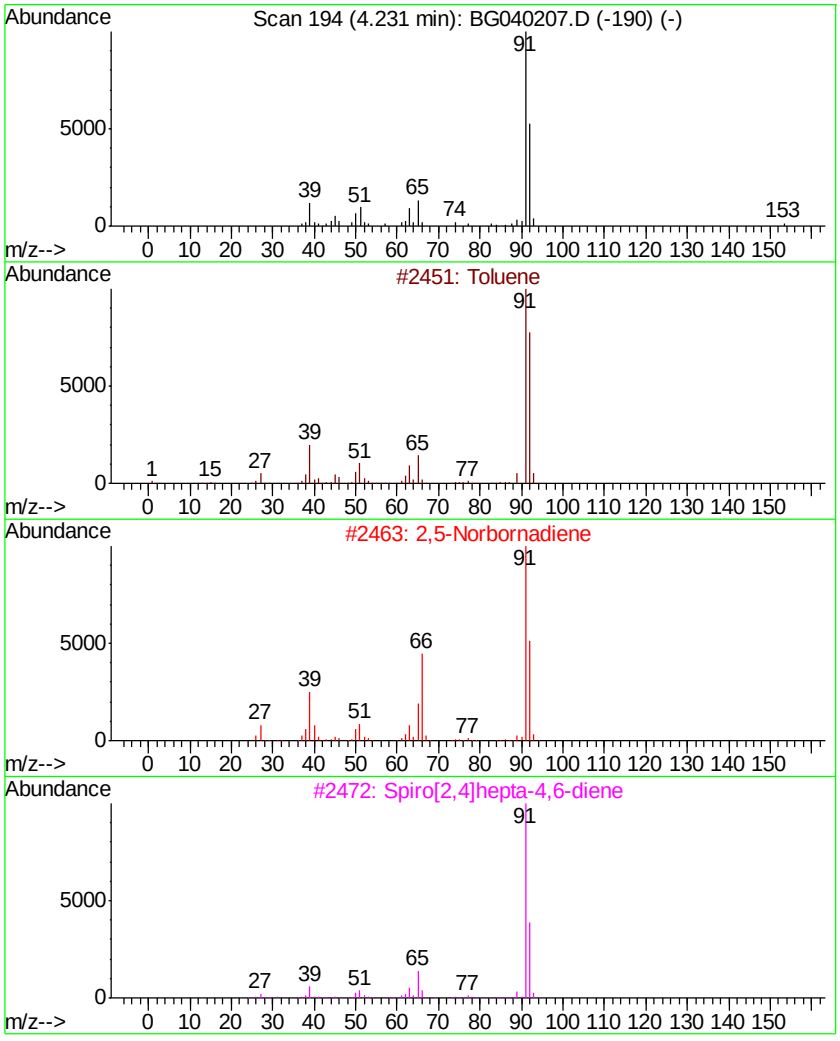
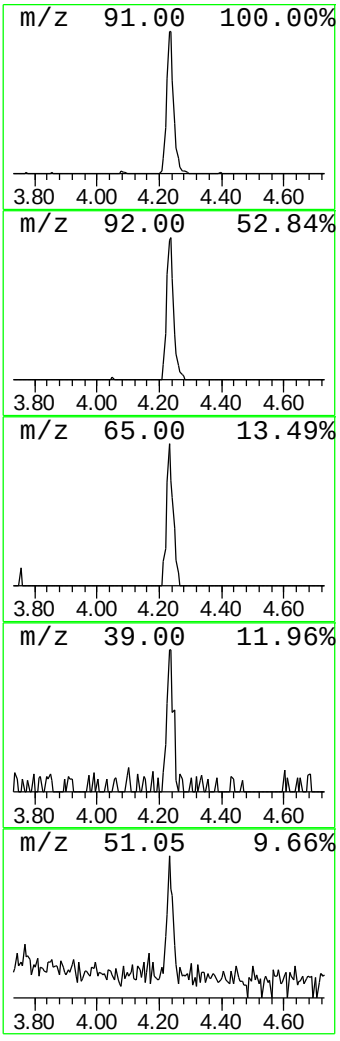
****

Peak Number 3 2,5-Norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	3.65 ng	59860	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	93
2	2,5-Norbornadiene	92	C7H8	000121-46-0	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	87
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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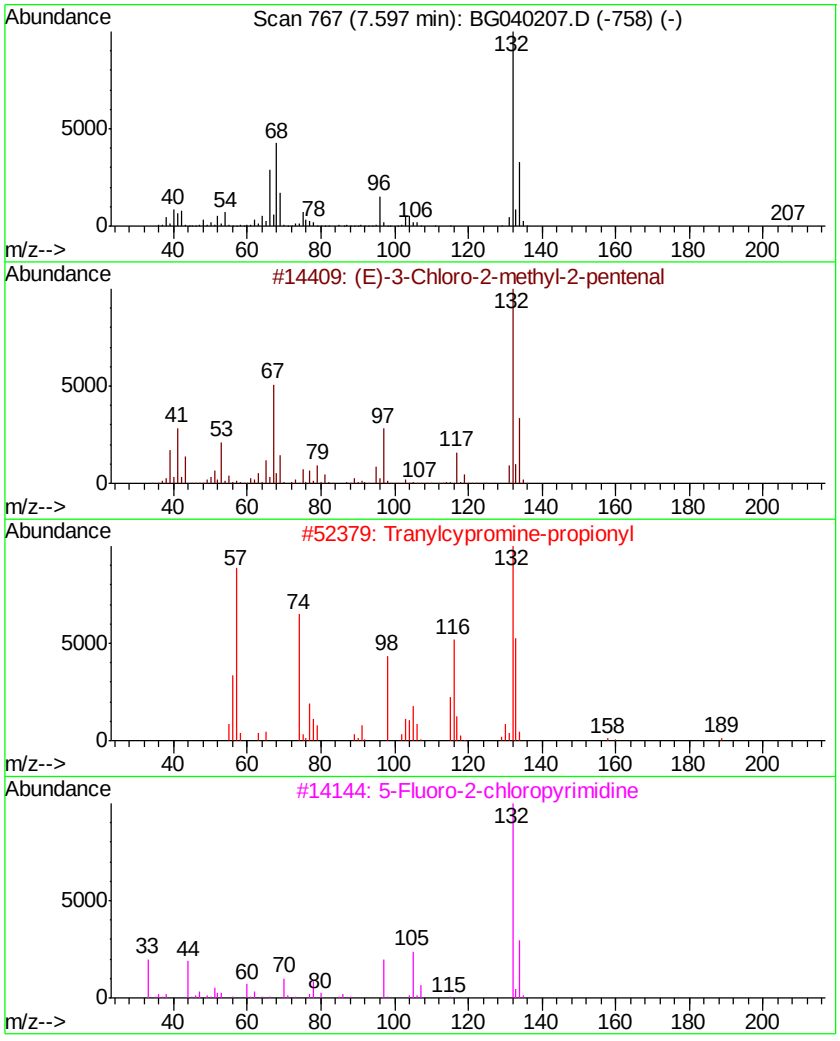
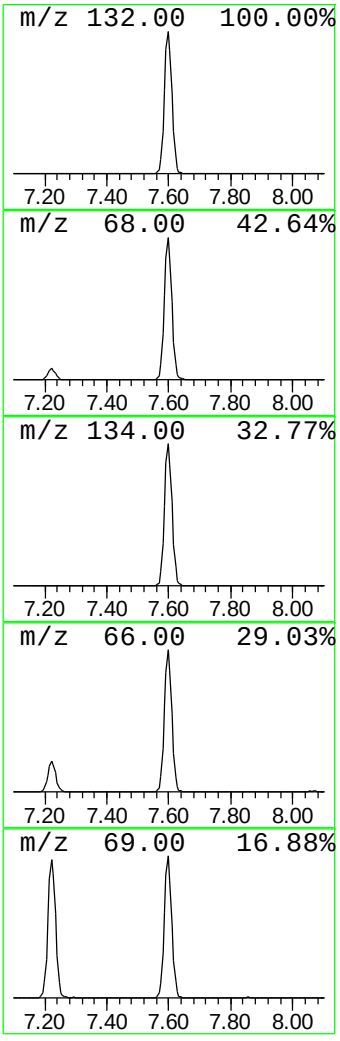
Peak Number 4 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	97.24 ng	1592860	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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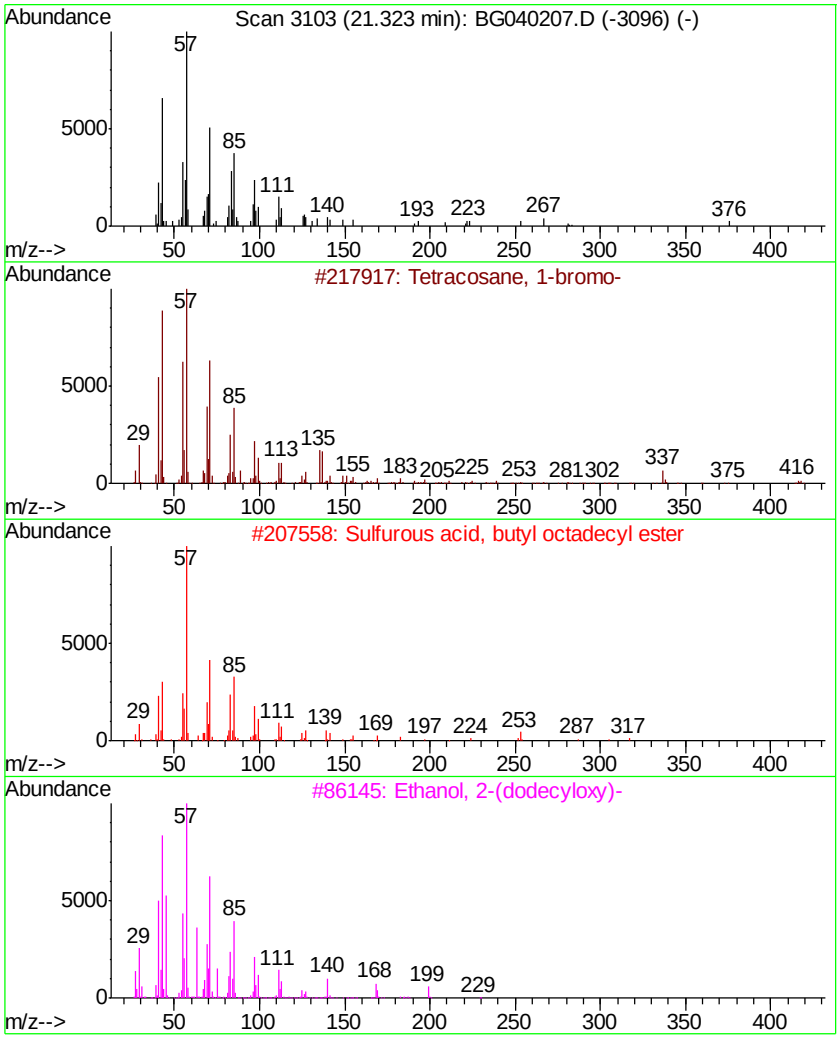
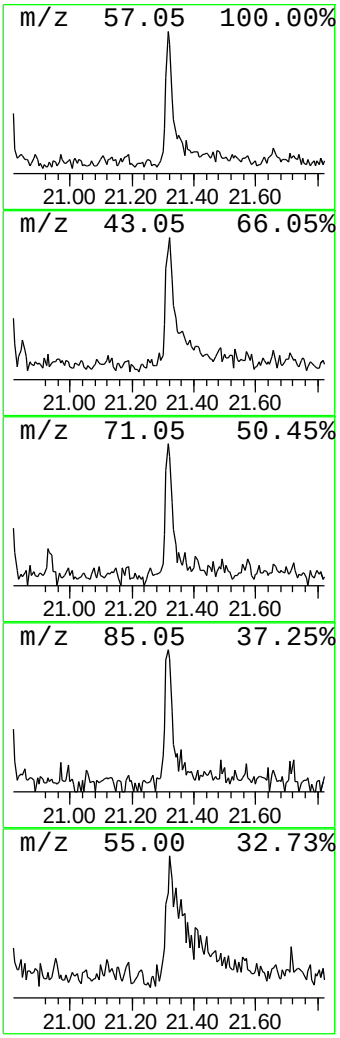
****

Peak Number 6 Tetracosane, 1-bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.00 ng	102893	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	87
2	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	86
3	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	86
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.14	20.0	ng	327995	1	8.07	327609	20.0
Butane, 2-methoxy...	3.21	14.5	ng	237465	1	8.07	327609	20.0
2,5-Norbornadiene	4.23	3.6	ng	59860	1	8.07	327609	20.0
unknown7.60	7.60	97.2	ng	1592860	1	8.07	327609	20.0
Tetracosane, 1-br...	21.32	2.0	ng	102893	5	21.72	1027320	20.0