LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043224.D
Acq On : 15 Oct 2019 18:32
Operator : JU
Sample : K5325-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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	3.149	5	10	19	rBV2	63880	147741	4.61%	0.856%
2	3.231	19	24	36	rVB	120804	206437	6.45%	1.197%
3	5.158	345	352	359	rBV	39369	63535	1.98%	0.368%
4	5.634	425	433	456	rBV	641476	1140795	35.63%	6.612%
5	7.221	695	703	717	rBV	692010	1317209	41.14%	7.635%
6	7.591	758	766	777	rBV	706683	1285269	40.14%	7.450%
7	8.049	837	844	854	rBV	162438	287245	8.97%	1.665%
8	8.378	891	900	909	rBV	518239	959669	29.97%	5.563%
9	9.212	1034	1042	1054	rBV	375398	763593	23.85%	4.426%
10	10.858	1315	1322	1335	rBV2	177391	375135	11.72%	2.174%
11	13.302	1729	1738	1755	rBV	1142262	1953587	61.02%	11.324%
12	14.124	1872	1878	1889	rBV	104525	187511	5.86%	1.087%
13	14.677	1964	1972	1989	rBV	360022	604182	18.87%	3.502%
14	16.163	2216	2225	2240	rBV	969195	1721436	53.76%	9.978%
15	17.420	2431	2439	2453	rBV	439518	761876	23.80%	4.416%
16	17.538	2455	2459	2467	rVB3	42037	65643	2.05%	0.380%
17	18.314	2586	2591	2602	rBV2	15233	34737	1.08%	0.201%
18	20.029	2877	2883	2897	rBV	2200696	3201806	100.00%	18.559%
19	21.334	3099	3105	3116	rBV4	60134	147753	4.61%	0.856%
20	21.692	3159	3166	3180	rBV	510964	958301	29.93%	5.555%
21	23.989	3553	3557	3564	rVB7	18285	32951	1.03%	0.191%
22	24.918	3701	3715	3729	rBV2	331281	1035935	32.35%	6.005%

Sum of corrected areas: 17252346

LSC Report - Integrated Chromatogram

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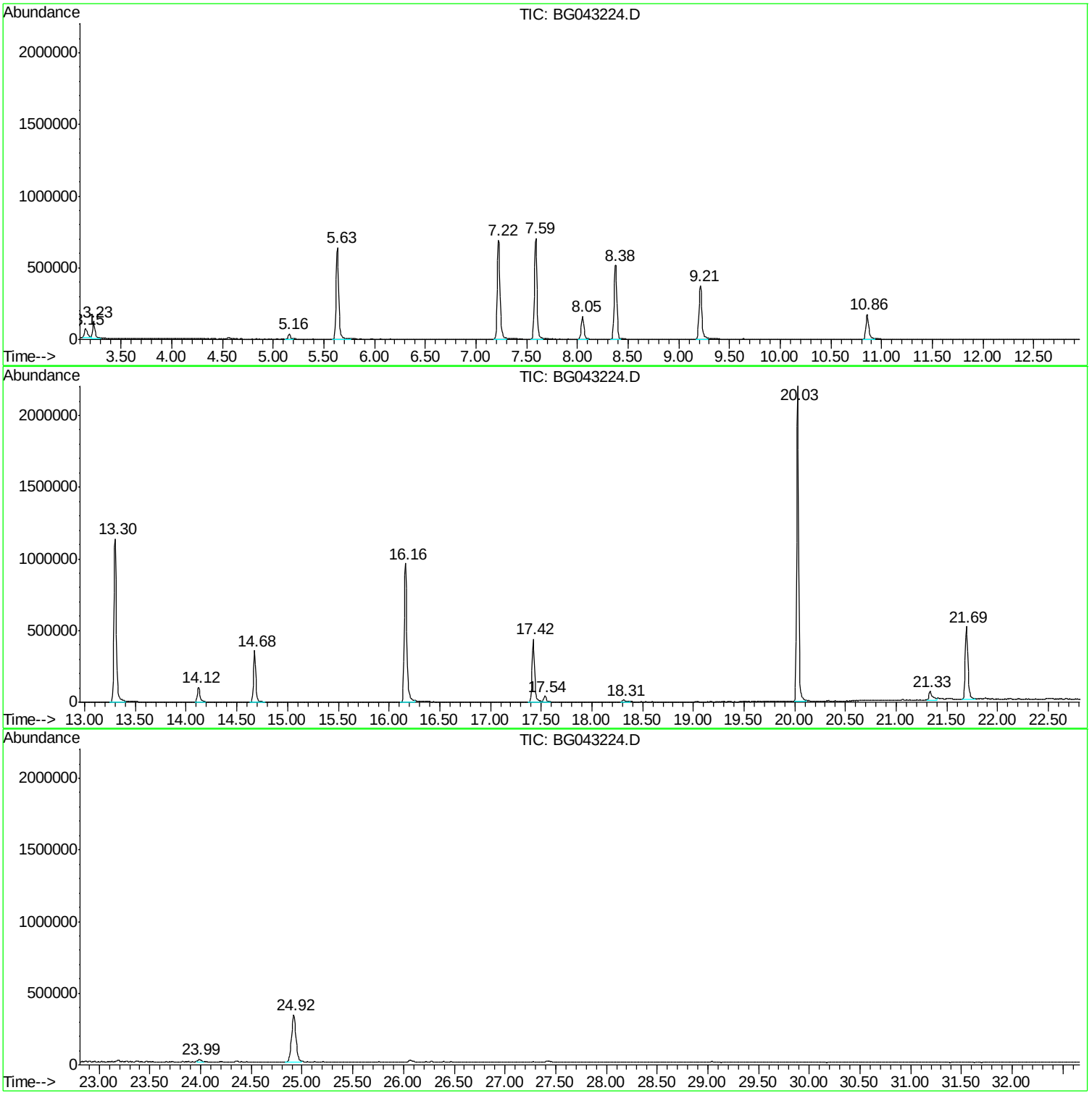
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043224.D
Acq On : 15 Oct 2019 18:32
Operator : JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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

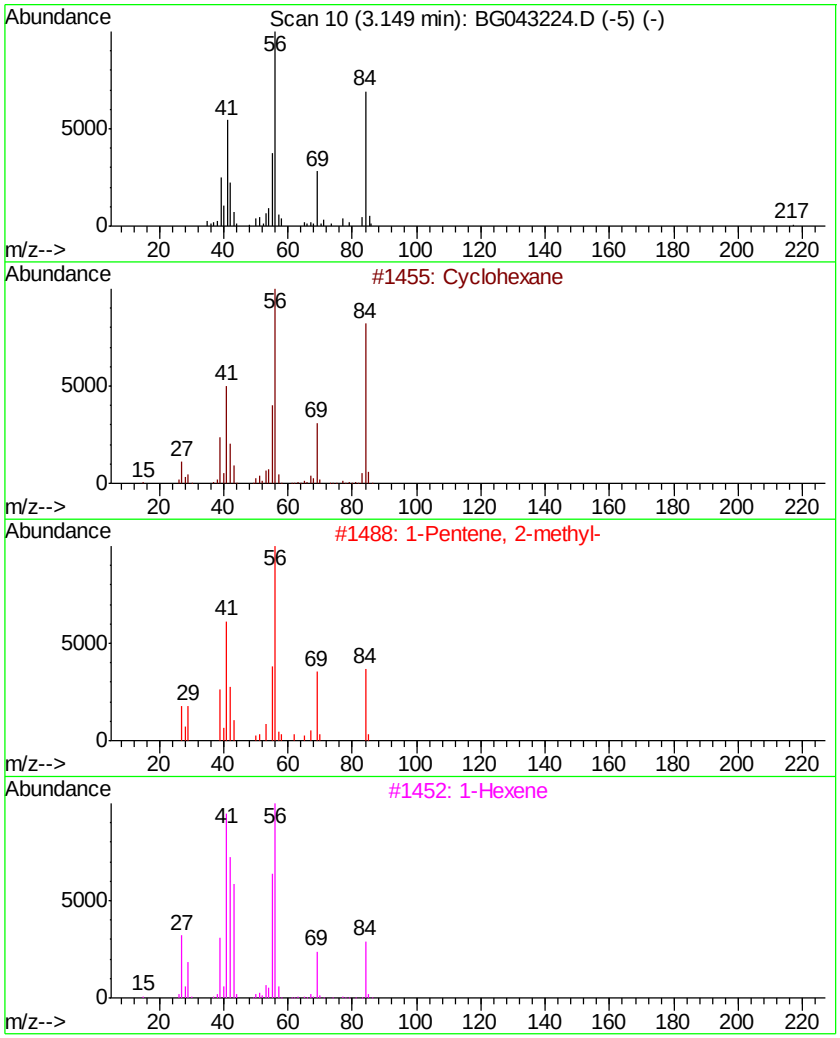
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

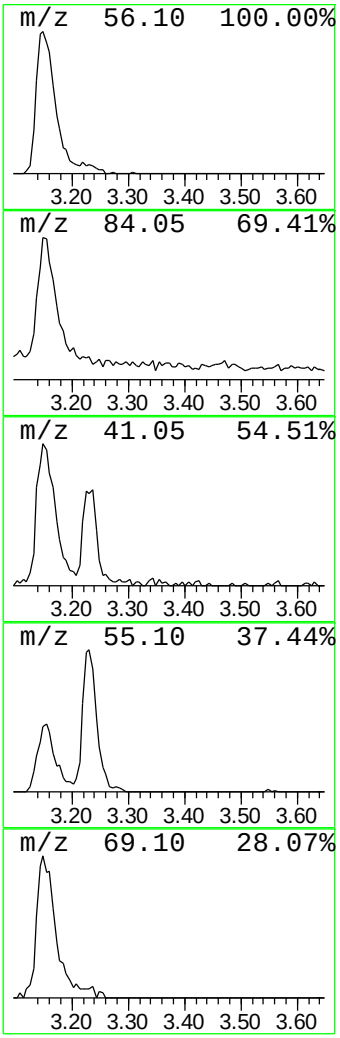
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	10.29 ng	147741	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	72
3	1-Hexene	84	C6H12	000592-41-6	59
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	45
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	45





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Data File : BG043224.D
Acq On : 15 Oct 2019 18:32
Operator : JU
Sample : K5325-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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

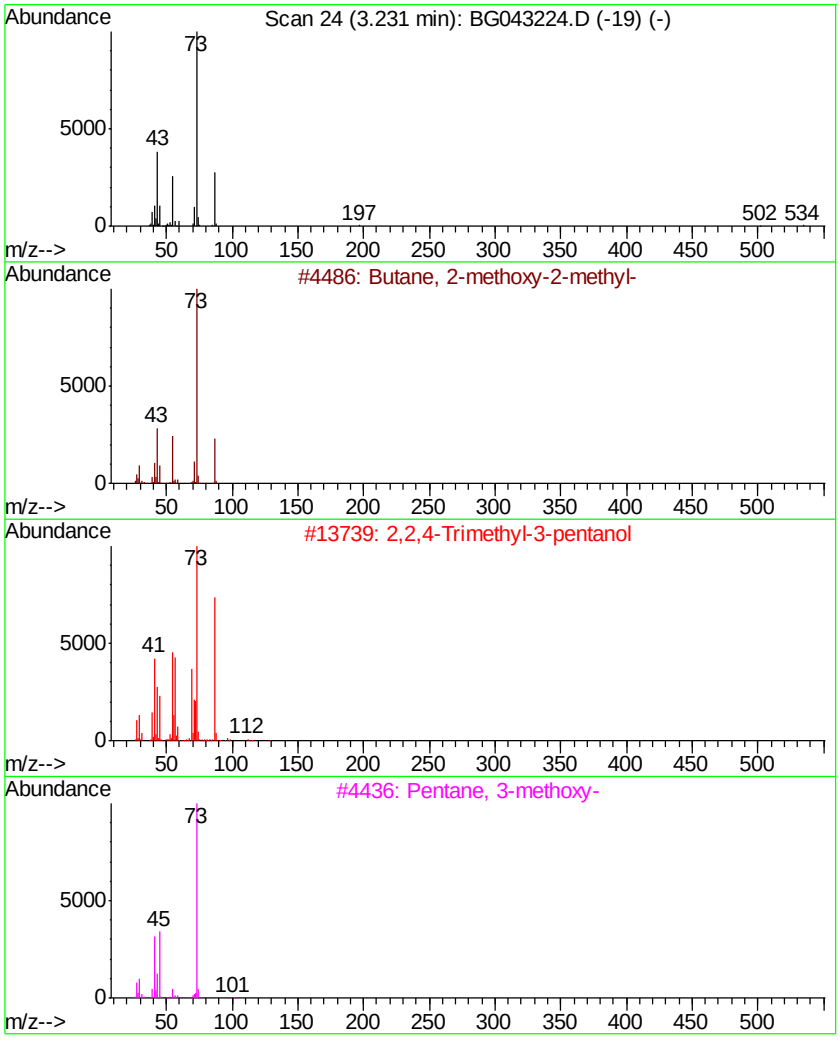
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

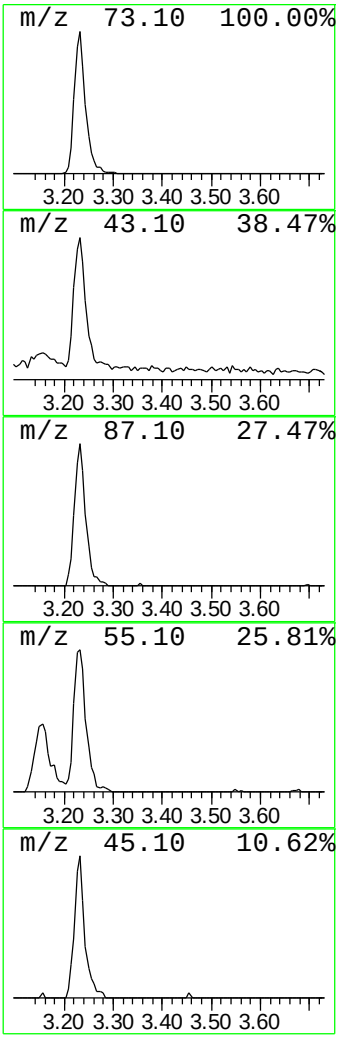
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	14.37 ng	206437	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043224.D
Acq On : 15 Oct 2019 18:32
Operator : JU
Sample : K5325-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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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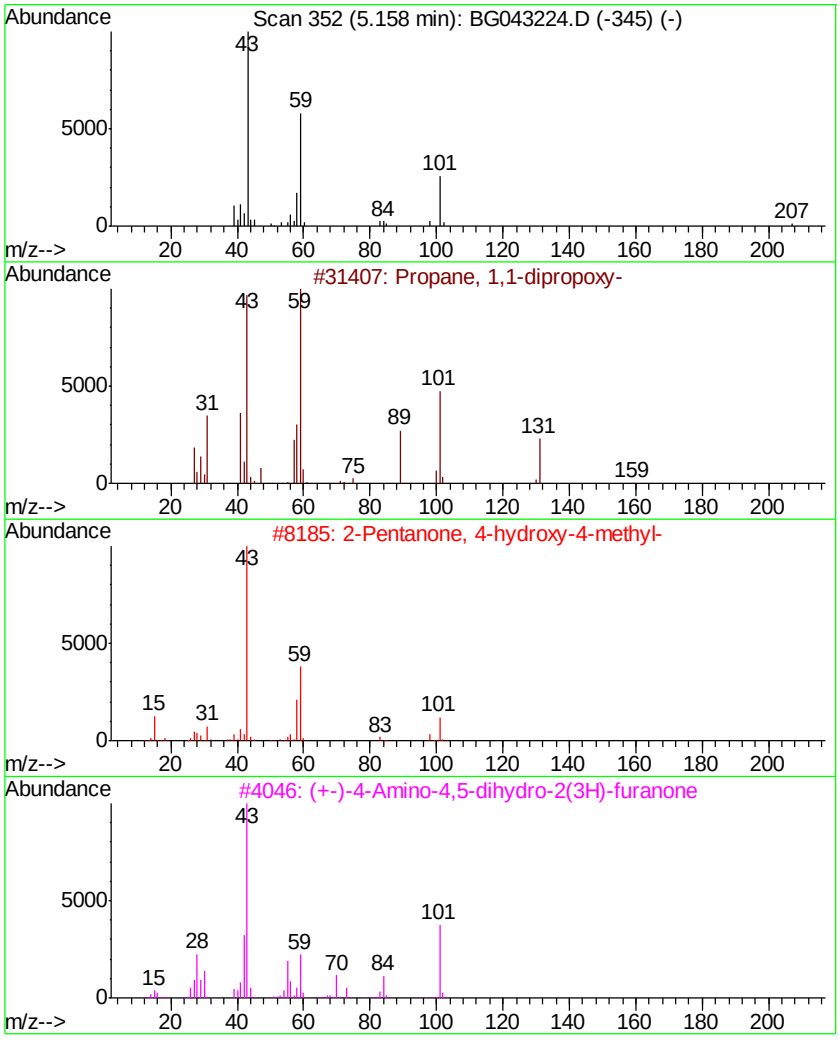
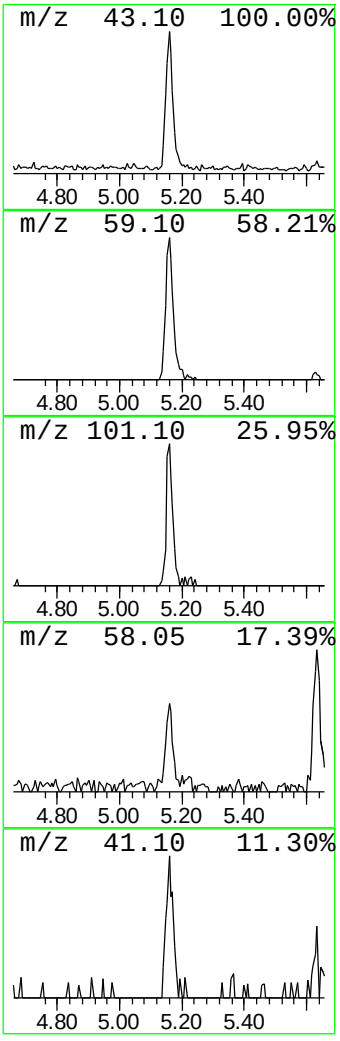
Peak Number 3 unknown5.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.42 ng	63535	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	36
4	3-Octanol	130	C8H18O	000589-98-0	23
5	5-Hydroxypentanehydroxylamine, N...	245	C11H19NO5	104556-13-0	17





Library Search Compound Report

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Acq On : 15 Oct 2019 18:32
Operator : JU
Sample : K5325-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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

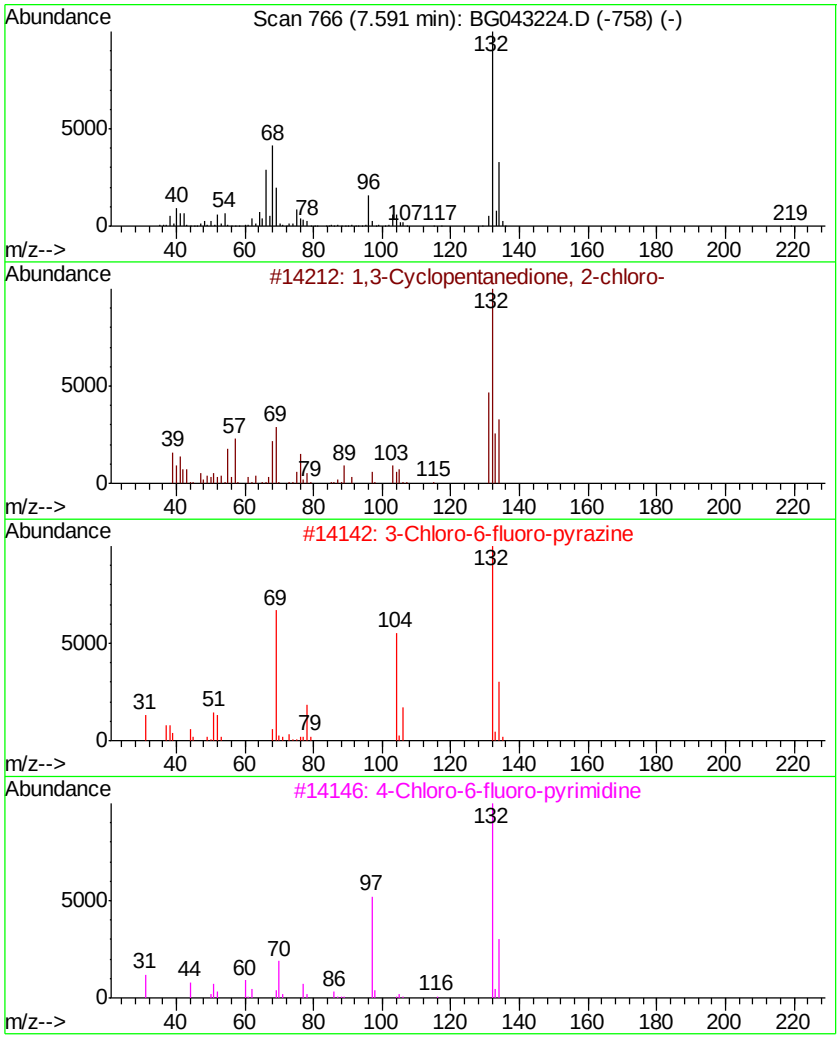
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

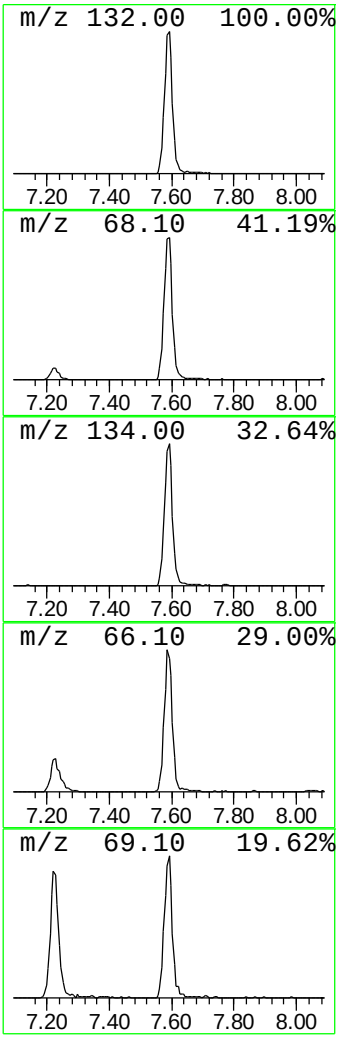
****

Peak Number 4 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	89.49 ng	1285270	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Sample : K5325-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-F

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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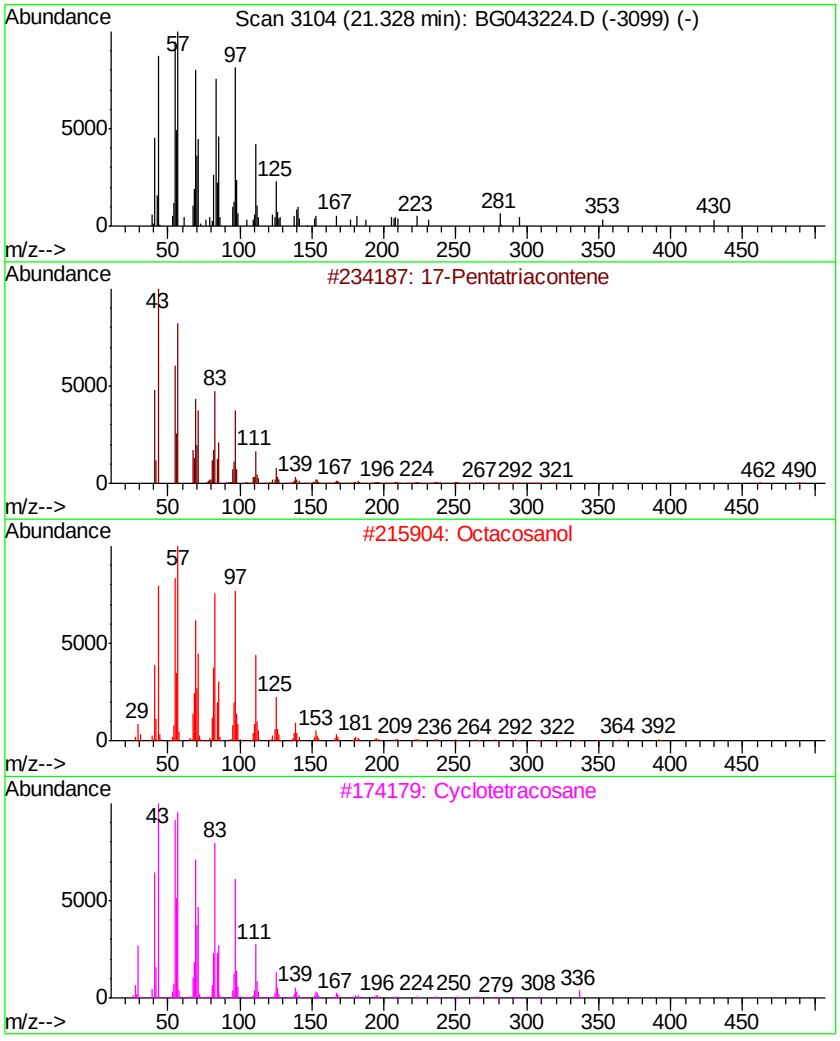
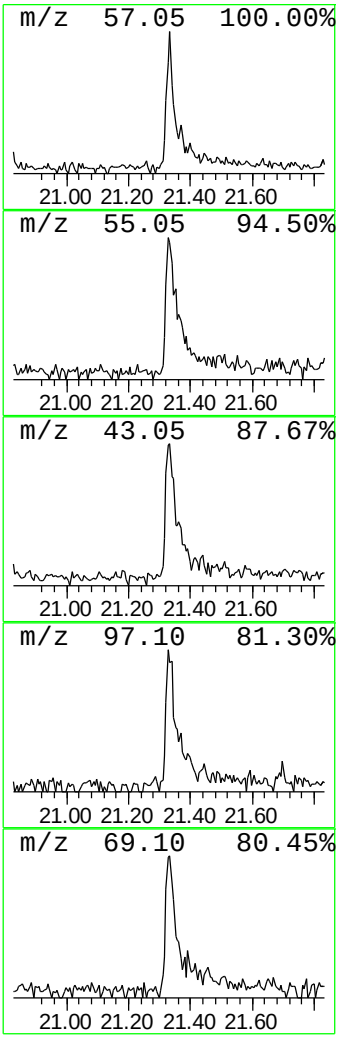
****

Peak Number 6 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.08 ng	147753	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	81
2	Octacosanol	410	C28H58O	000557-61-9	68
3	Cyclotetracosane	336	C24H48	000297-03-0	68
4	1-Hexacosanol	382	C26H54O	000506-52-5	64
5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101519\
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Instrument : BNA_G
ClientSampleId : 10-10-F

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-	3.15	10.3	ng	147741	1	8.05	287245	20.0
Butane, 2-methoxy...	3.23	14.4	ng	206437	1	8.05	287245	20.0
unknown5.16	5.16	4.4	ng	63535	1	8.05	287245	20.0
unknown7.59	7.59	89.5	ng	1285270	1	8.05	287245	20.0
17-Pentatriacontene	21.33	3.1	ng	147753	5	21.69	958301	20.0