LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043741.D
Acq On : 20 Nov 2019 23:41
Operator : JU
Sample : K5933-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-02

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	3.147	5	10	21	rVB	75289	117585	5.53%	1.089%
2	5.092	334	341	352	rBV	83705	136159	6.40%	1.261%
3	5.579	417	424	448	rBV	392858	682993	32.11%	6.324%
4	7.178	689	696	716	rBV	403836	788404	37.06%	7.300%
5	7.530	749	756	767	rBV	443229	775881	36.47%	7.184%
6	7.988	828	834	842	rVB	95395	168315	7.91%	1.558%
7	8.312	880	889	897	rBV	325466	585687	27.53%	5.423%
8	9.152	1023	1032	1049	rBV	213583	456580	21.46%	4.227%
9	10.791	1304	1311	1323	rBV	96449	213639	10.04%	1.978%
10	13.241	1721	1728	1741	rBV	699101	1179611	55.45%	10.922%
11	14.069	1863	1869	1880	rBV	96395	183422	8.62%	1.698%
12	14.622	1955	1963	1975	rBV	203243	355498	16.71%	3.291%
13	16.108	2210	2216	2231	rBV	561314	1048724	49.30%	9.710%
14	17.366	2423	2430	2447	rBV	253627	472090	22.19%	4.371%
15	18.259	2578	2582	2589	rBV4	12597	23937	1.13%	0.222%
16	19.422	2775	2780	2787	rBV	27600	43508	2.05%	0.403%
17	19.780	2838	2841	2847	rVB	24496	35594	1.67%	0.330%
18	19.974	2868	2874	2886	rBV	1556515	2127171	100.00%	19.695%
19	21.631	3147	3156	3170	rBV2	290093	598486	28.14%	5.541%
20	23.071	3394	3401	3407	rBV6	30969	71580	3.37%	0.663%
21	23.799	3519	3525	3526	rBV5	14357	22067	1.04%	0.204%
22	23.864	3532	3536	3544	rVB6	22317	44938	2.11%	0.416%
23	24.510	3640	3646	3652	rVB5	8212	22992	1.08%	0.213%
24	24.804	3683	3696	3712	rBV	201316	612797	28.81%	5.674%
25	25.897	3878	3882	3892	rVB7	12453	33008	1.55%	0.306%

Sum of corrected areas: 10800666

LSC Report - Integrated Chromatogram

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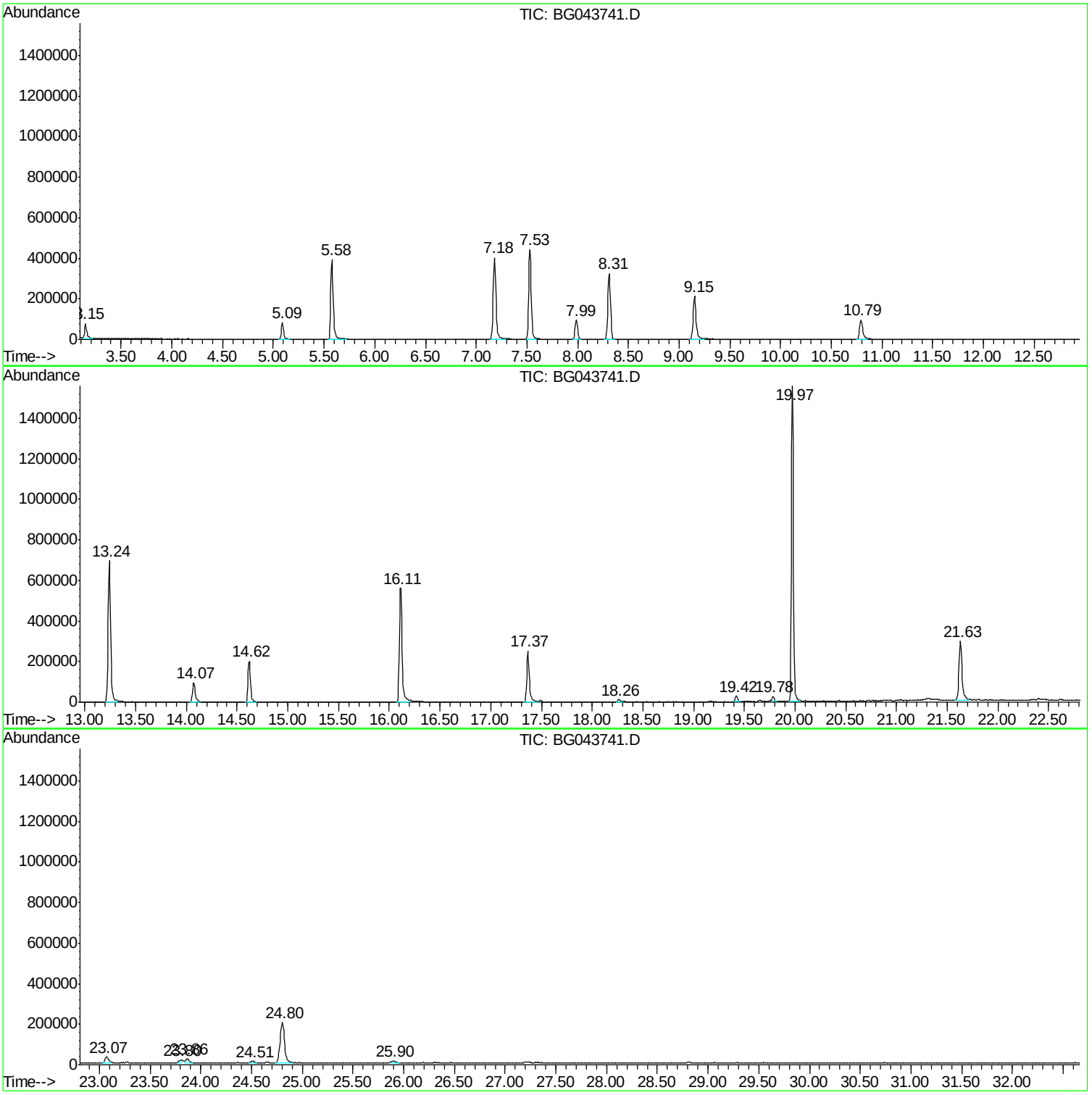
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-02

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

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Data File : BG043741.D
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Operator : JU
Sample : K5933-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-02

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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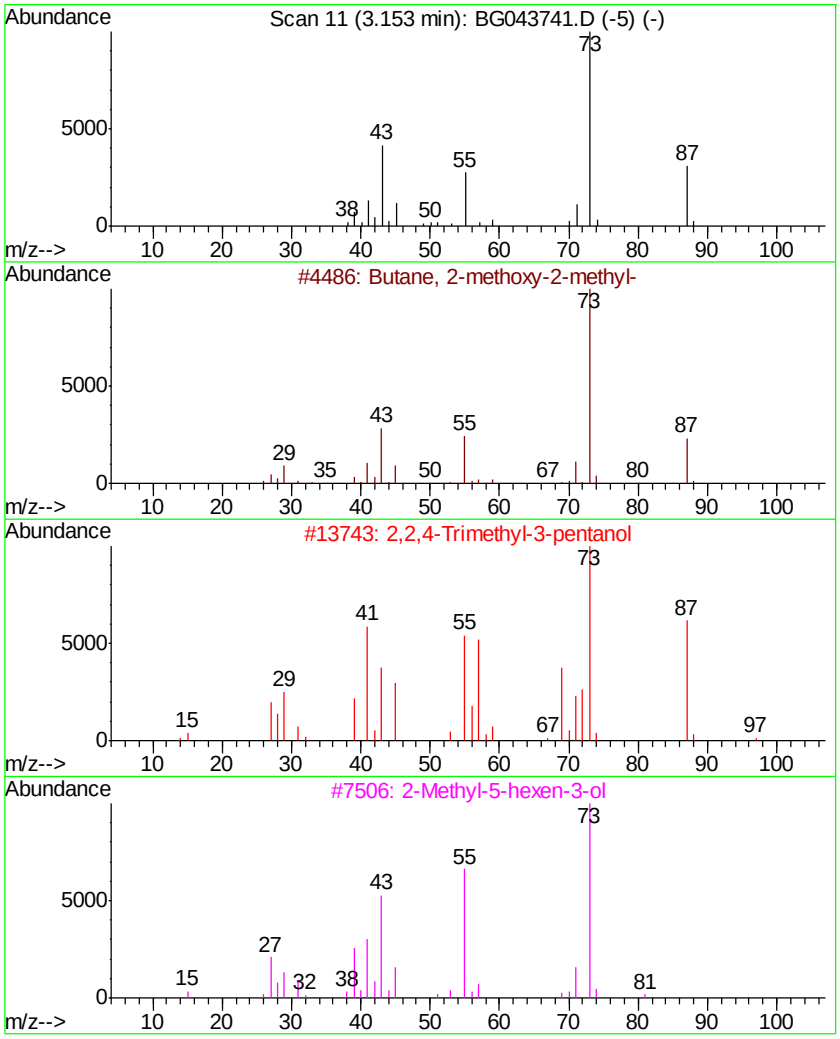
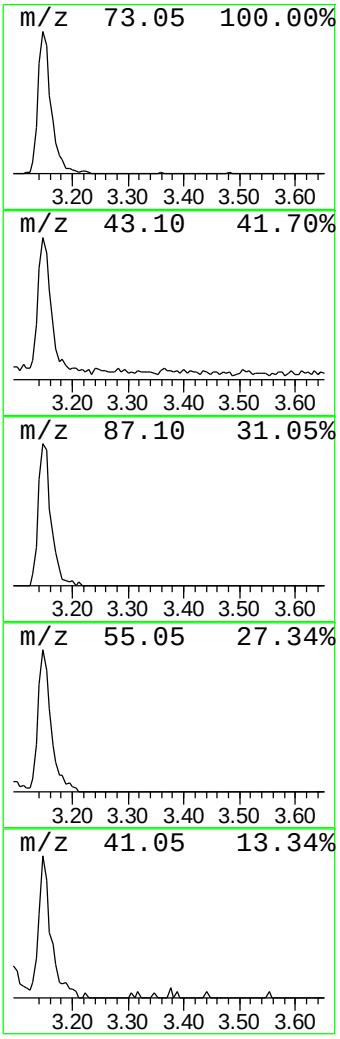
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	13.97 ng	117585	1,4-Dichlorobenzene-d4	7.99

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	64
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-02

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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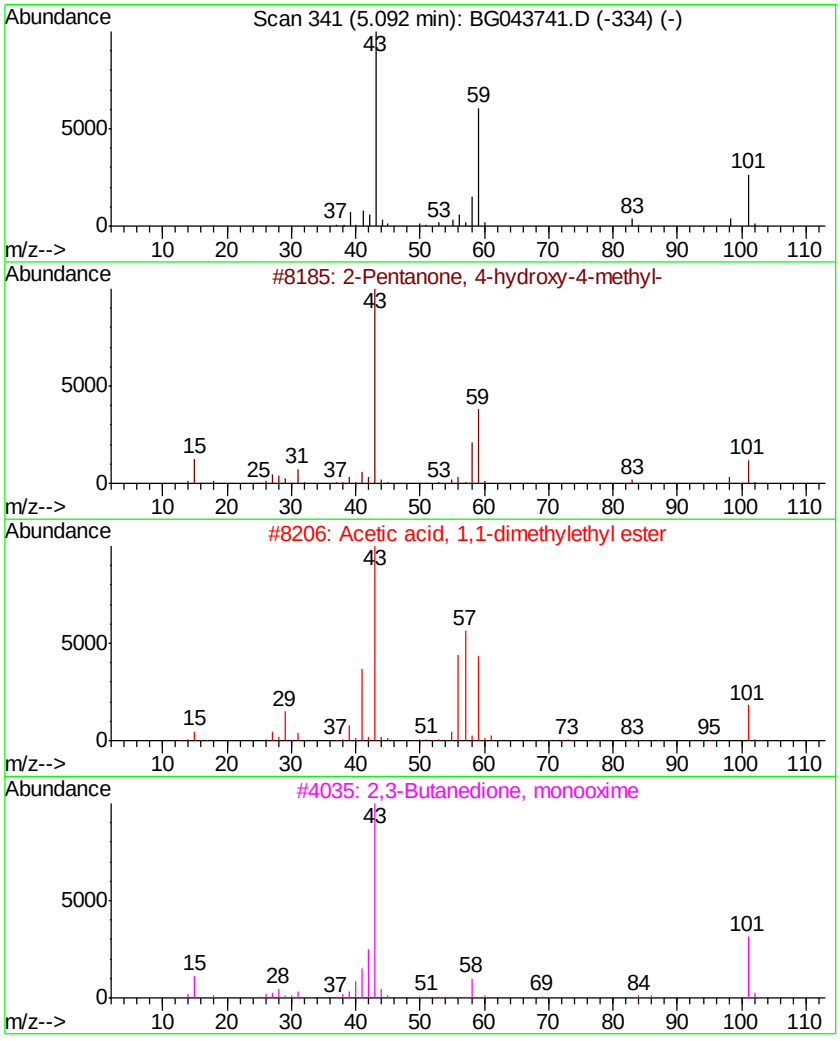
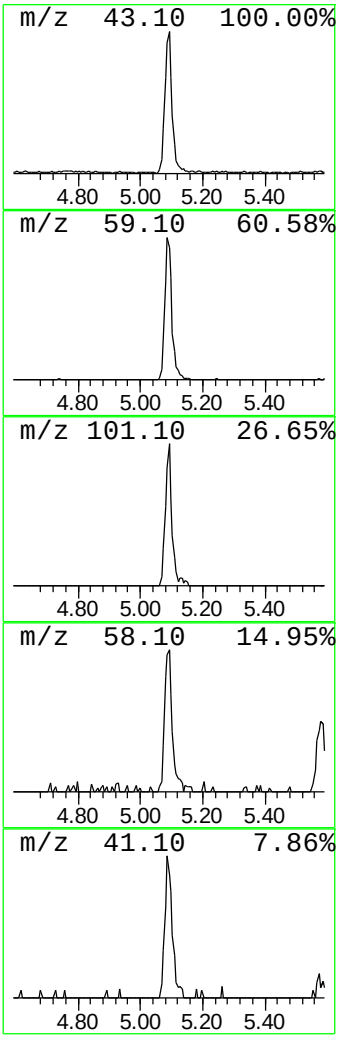
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	16.18 ng	136159	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

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Data File : BG043741.D
Acq On : 20 Nov 2019 23:41
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Sample : K5933-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-02

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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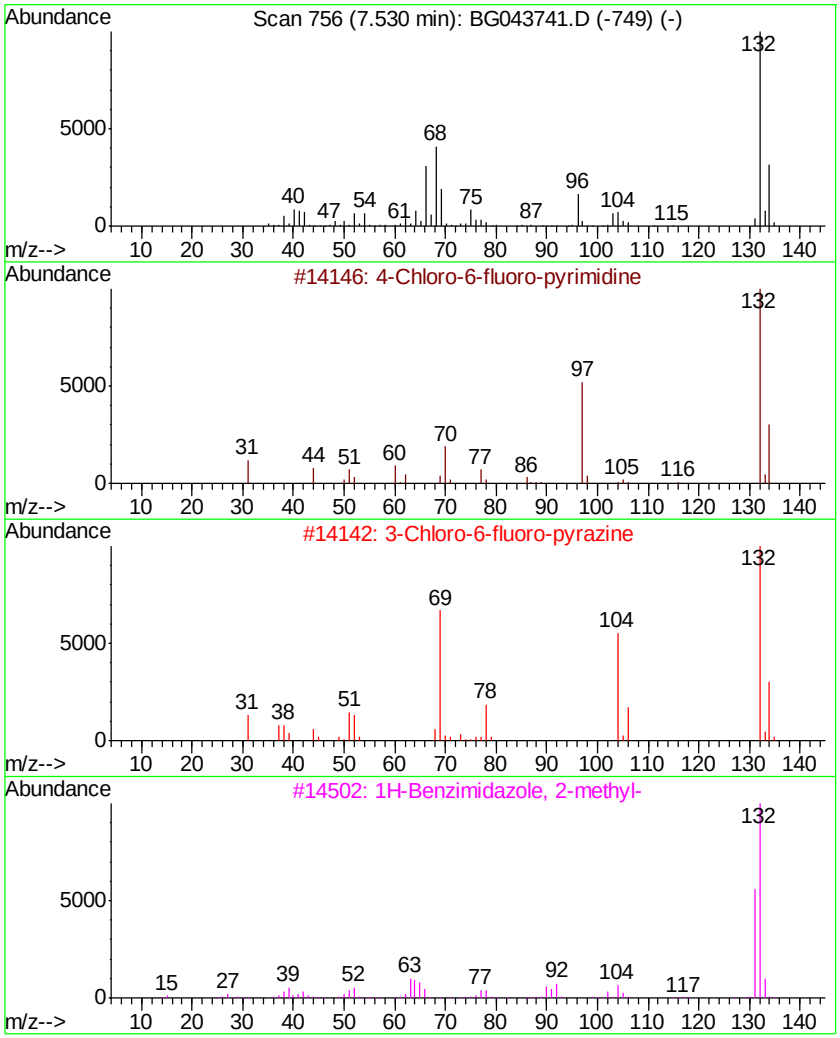
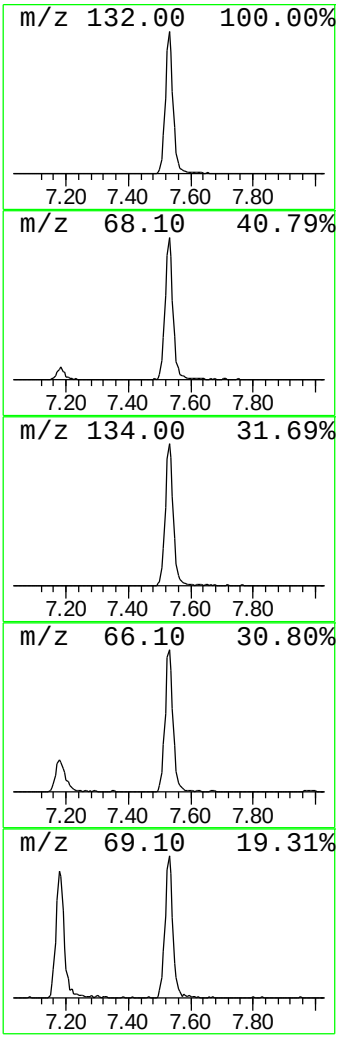
Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	92.19 ng	775881	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : WC-COMP-02

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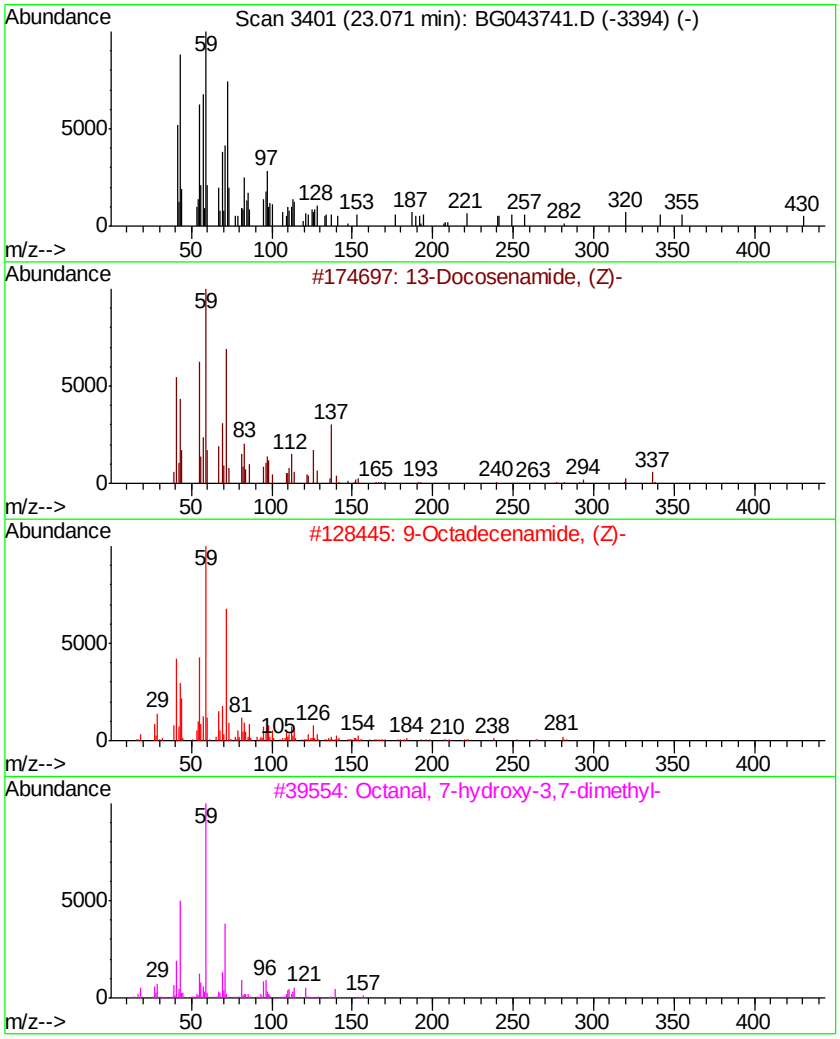
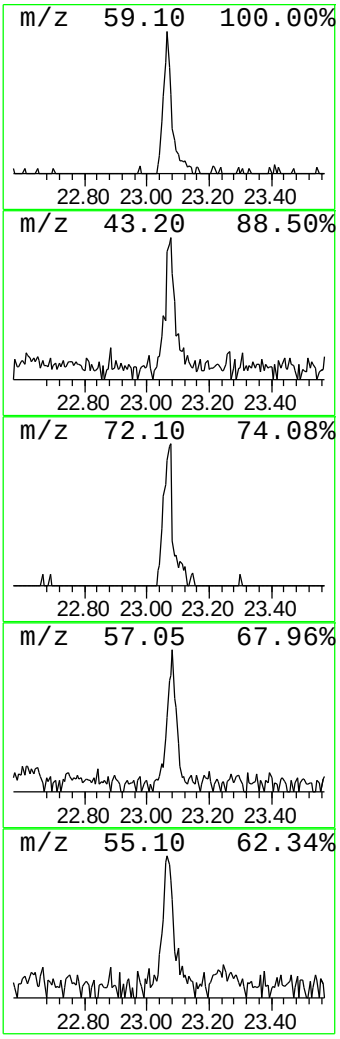
Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	2.39 ng	71580	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
3	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	35
4	1-Dimethylaminocarbonyl-3-(2-eth...	229	C10H19N3O3	082845-36-1	35
5	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112019\
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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...	3.15	14.0	ng	117585	1	7.99	168315	20.0
2-Pentanone, 4-hy...	5.09	16.2	ng	136159	1	7.99	168315	20.0
unknown7.53	7.53	92.2	ng	775881	1	7.99	168315	20.0
13-Docosenamide, ...	23.07	2.4	ng	71580	5	21.63	598486	20.0