LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019307.D
Acq On : 22 Mar 2019 01:10
Operator : JU/SJ
Sample : K2002-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2(5-30)-COMP

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_M\METHODS\8270-BM031119.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	3.028	3	7	11	rBV	261869	484284	5.63%	0.743%
2	5.234	376	382	398	rBV	4040698	5719646	66.49%	8.781%
3	6.816	644	651	670	rVB	4089590	6720336	78.12%	10.317%
4	7.163	703	710	724	rBV	4152035	6523761	75.84%	10.015%
5	7.628	782	789	796	rBV	784564	1215538	14.13%	1.866%
6	7.939	835	842	853	rVB	2447248	3906768	45.42%	5.997%
7	8.798	980	988	1002	rBV	2169288	3505540	40.75%	5.382%
8	10.410	1255	1262	1276	rVB	1041153	1755481	20.41%	2.695%
9	12.898	1677	1685	1696	rBV	5130715	7577612	88.09%	11.633%
10	13.751	1824	1830	1843	rBV	335314	533731	6.20%	0.819%
11	14.286	1912	1921	1937	rBV2	1699247	2558664	29.74%	3.928%
12	14.610	1970	1976	1992	rBV	165554	340769	3.96%	0.523%
13	15.051	2044	2051	2061	rBV2	91569	268861	3.13%	0.413%
14	15.792	2170	2177	2201	rBV	4460138	6702827	77.92%	10.290%
15	17.045	2383	2390	2401	rBV2	1943691	2833637	32.94%	4.350%
16	17.933	2536	2541	2551	rBV	164907	274458	3.19%	0.421%
17	19.680	2833	2838	2849	rBV	6867393	8602309	100.00%	13.206%
18	20.950	3049	3054	3064	rBV	535401	921521	10.71%	1.415%
19	21.244	3099	3104	3114	rBV	1815051	2294638	26.67%	3.523%
20	21.380	3124	3127	3135	rBV	90212	111861	1.30%	0.172%
21	21.809	3197	3200	3203	rBV2	90522	112007	1.30%	0.172%
22	23.474	3476	3483	3495	rBV	1120178	2175718	25.29%	3.340%

Sum of corrected areas: 65139967

LSC Report - Integrated Chromatogram

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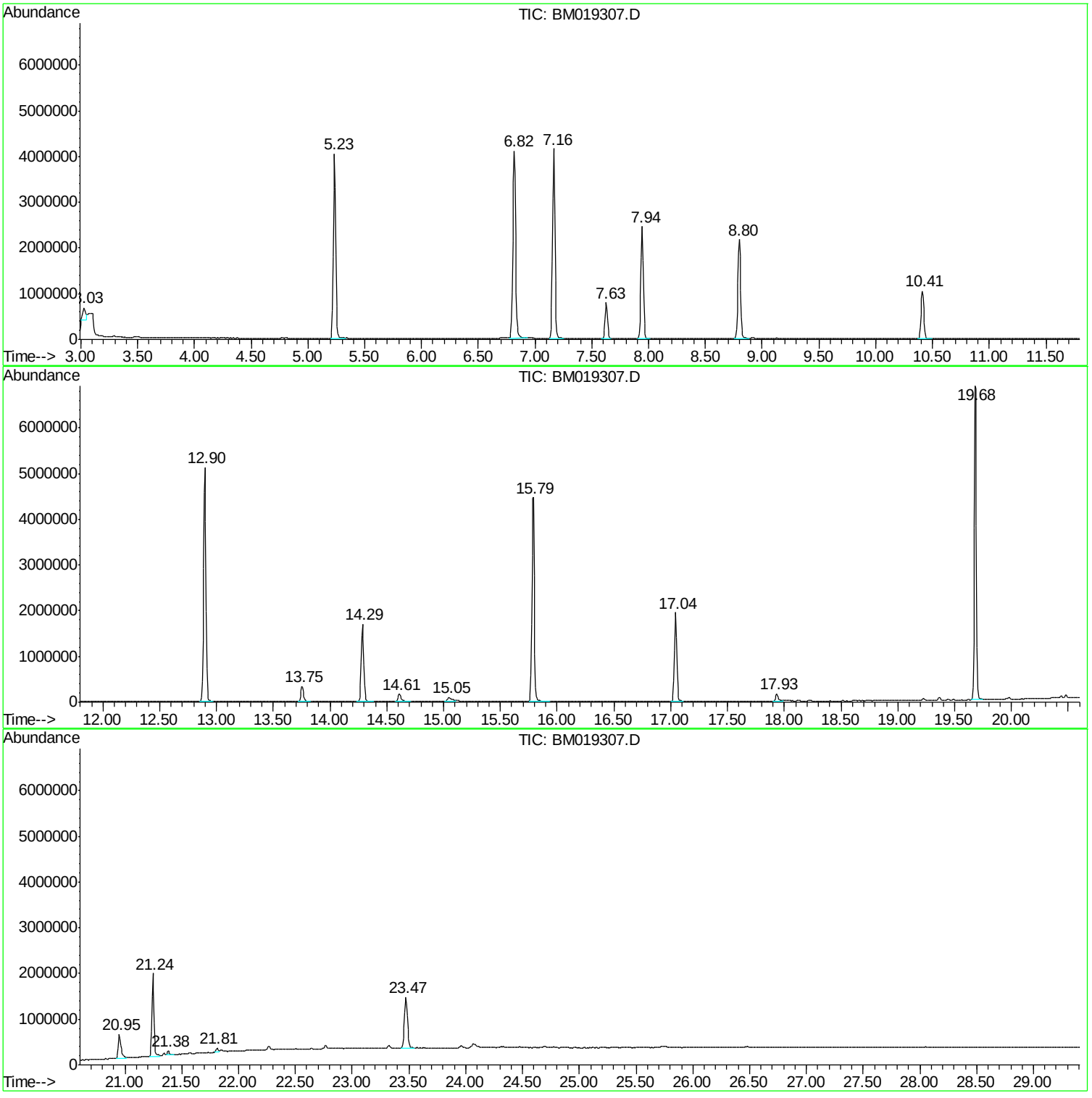
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : JU/SJ
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ClientSampleId : S-2(5-30)-COMP

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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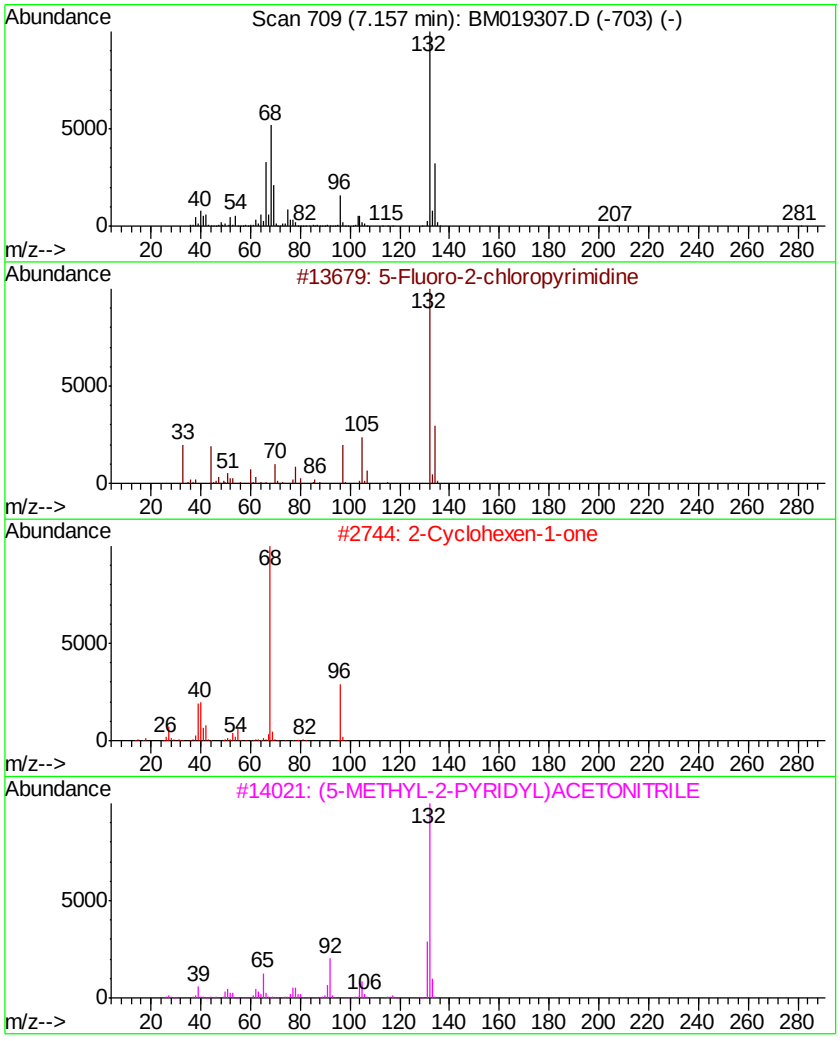
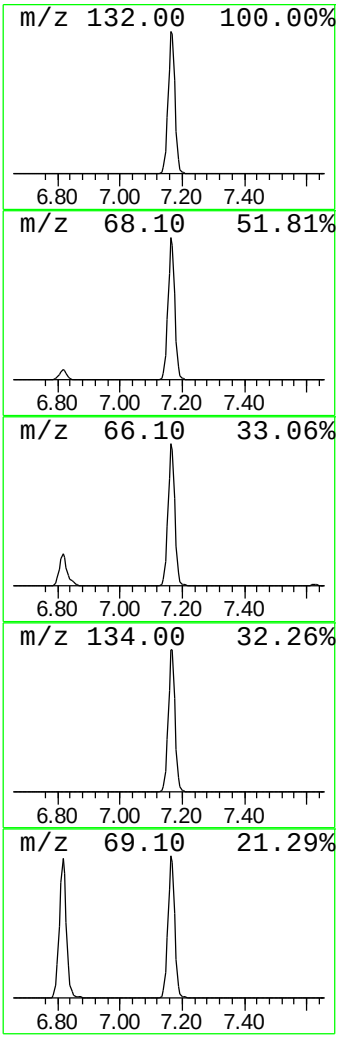
Peak Number 2 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	107.34 ng	6523760	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Bicyclo[3.1.0]hexan-3-one	96	C6H8O	001755-04-0	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2(5-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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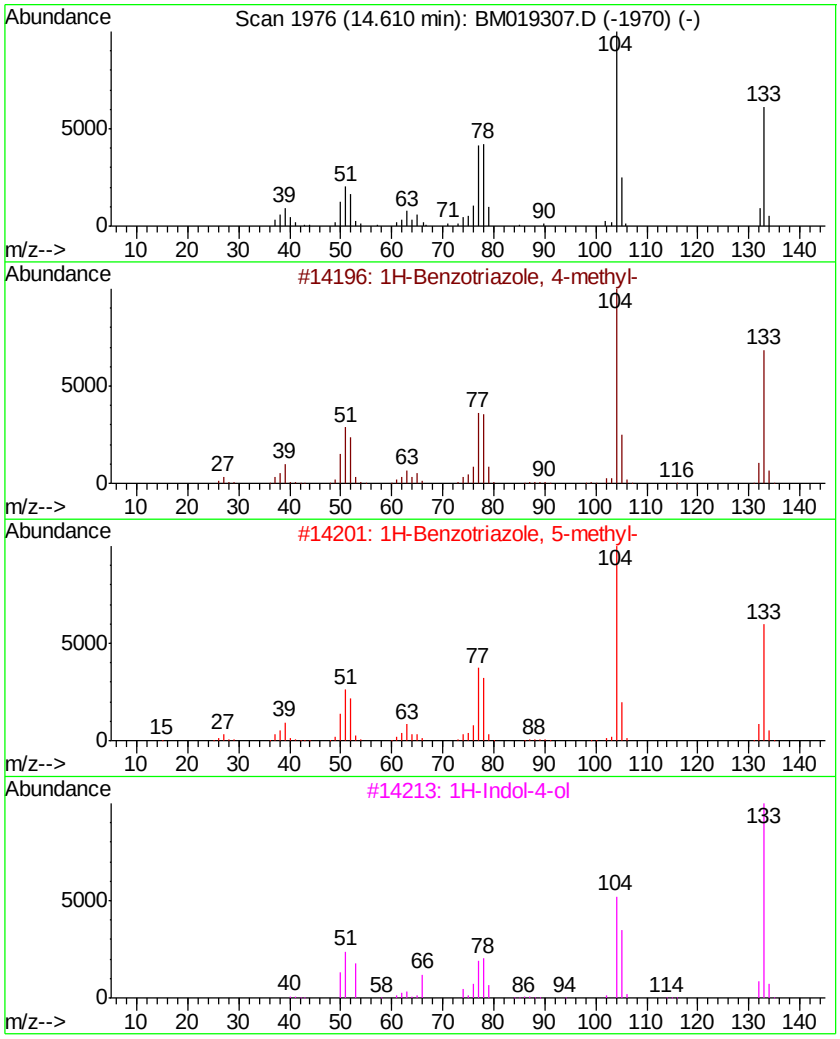
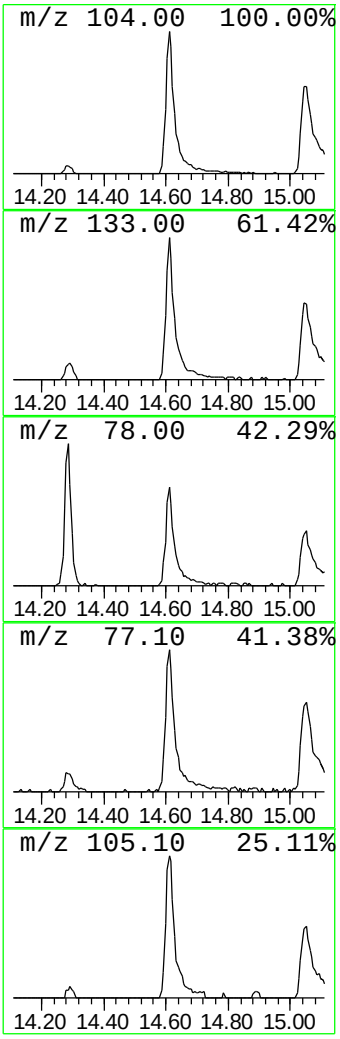
Peak Number 4 1H-Benzotriazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.66 ng	340769	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	96
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	95
3	1H-Indol-4-ol	133	C8H7NO	002380-94-1	90
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	76
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	72





Library Search Compound Report

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Acq On : 22 Mar 2019 01:10
Operator : JU/SJ
Sample : K2002-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2(5-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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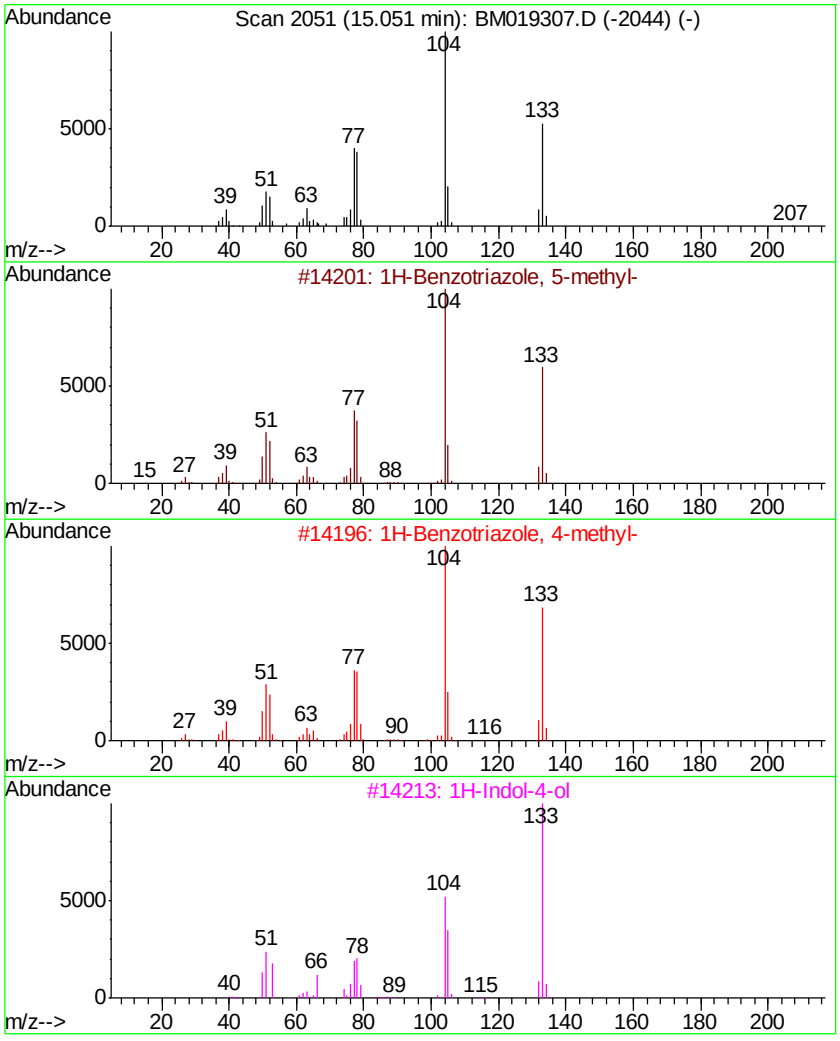
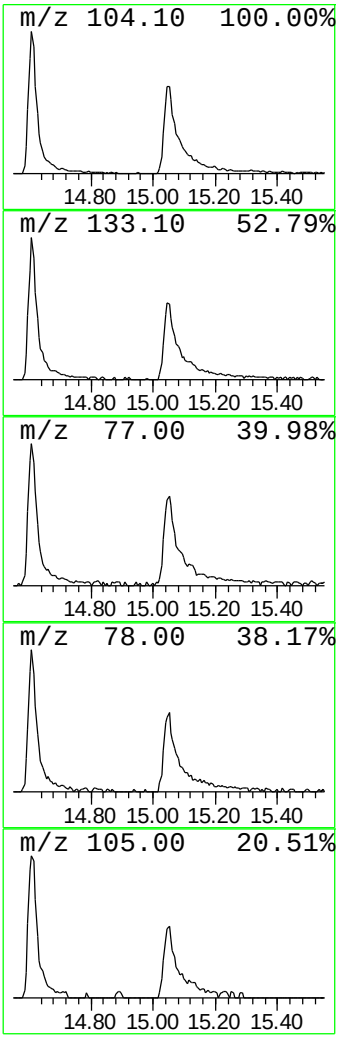
Peak Number 5 1H-Benzotriazole, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.10 ng	268861	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	95
3	1H-Indol-4-ol	133	C8H7NO	002380-94-1	72
4	1H-Indol-5-ol	133	C8H7NO	001953-54-4	53
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	52





Library Search Compound Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2(5-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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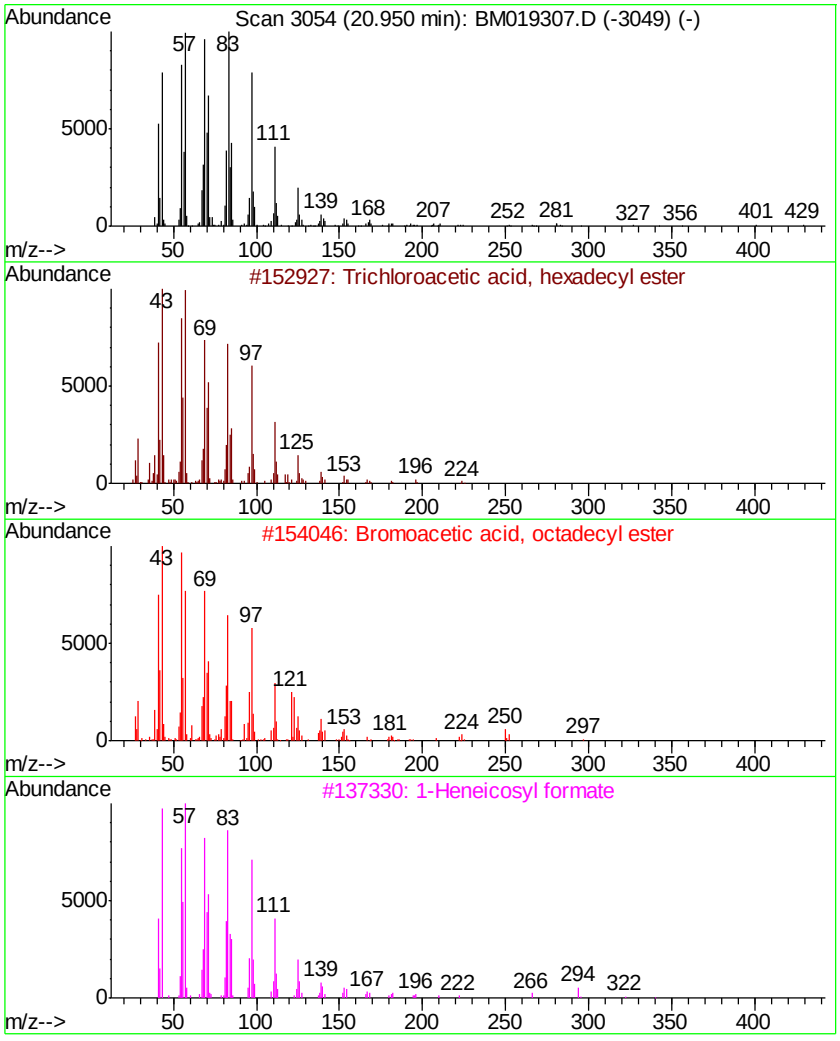
TIC Integration Parameters: LSCINT.P

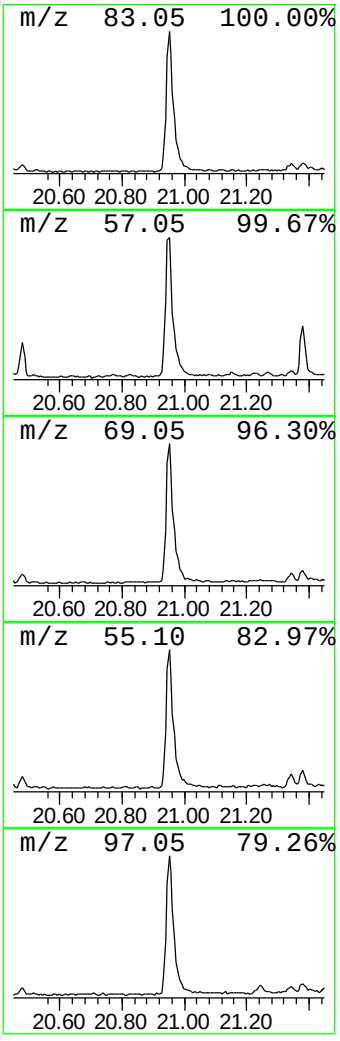
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	8.03 ng	921521	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2(5-30)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.16	7.16	107.3	ng	6523760	1	7.63	1215540	20.0
1H-Benzotriazole,...	14.61	2.7	ng	340769	3	14.29	2558660	20.0
1H-Benzotriazole,...	15.05	2.1	ng	268861	3	14.29	2558660	20.0
Trichloroacetic a...	20.95	8.0	ng	921521	5	21.24	2294640	20.0