LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022506.D
Acq On : 03 Sep 2019 17:06
Operator : HP/JU
Sample : K4555-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TW-11

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-BM082919.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	5.051	346	351	358	rBV	35265	50701	3.01%	0.664%
2	5.128	358	364	378	rVB	204287	303871	18.04%	3.977%
3	6.704	627	632	644	rBV	107938	199907	11.87%	2.617%
4	7.040	683	689	703	rVB	377023	588674	34.94%	7.705%
5	7.504	762	768	775	rBB	76026	118141	7.01%	1.546%
6	7.810	814	820	831	rBB	356632	544635	32.33%	7.129%
7	8.681	961	968	986	rBV	195383	389811	23.14%	5.102%
8	10.280	1234	1240	1247	rBV	69004	128127	7.61%	1.677%
9	10.339	1247	1250	1258	rVB2	16345	26368	1.57%	0.345%
10	12.769	1657	1663	1679	rBV	621932	907058	53.84%	11.872%
11	13.004	1698	1703	1717	rVB	105676	169077	10.04%	2.213%
12	14.168	1896	1901	1912	rBB2	102506	163341	9.70%	2.138%
13	14.933	2025	2031	2041	rBV	666629	884540	52.51%	11.577%
14	15.680	2153	2158	2174	rBB	562043	845485	50.19%	11.066%
15	16.939	2367	2372	2386	rBV	100722	178174	10.58%	2.332%
16	19.580	2816	2821	2834	rBV	1417021	1684577	100.00%	22.049%
17	21.162	3085	3090	3100	rBV2	139018	224124	13.30%	2.933%
18	23.344	3455	3461	3472	rBV	107465	233565	13.86%	3.057%

Sum of corrected areas: 7640176

LSC Report - Integrated Chromatogram

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Misc :
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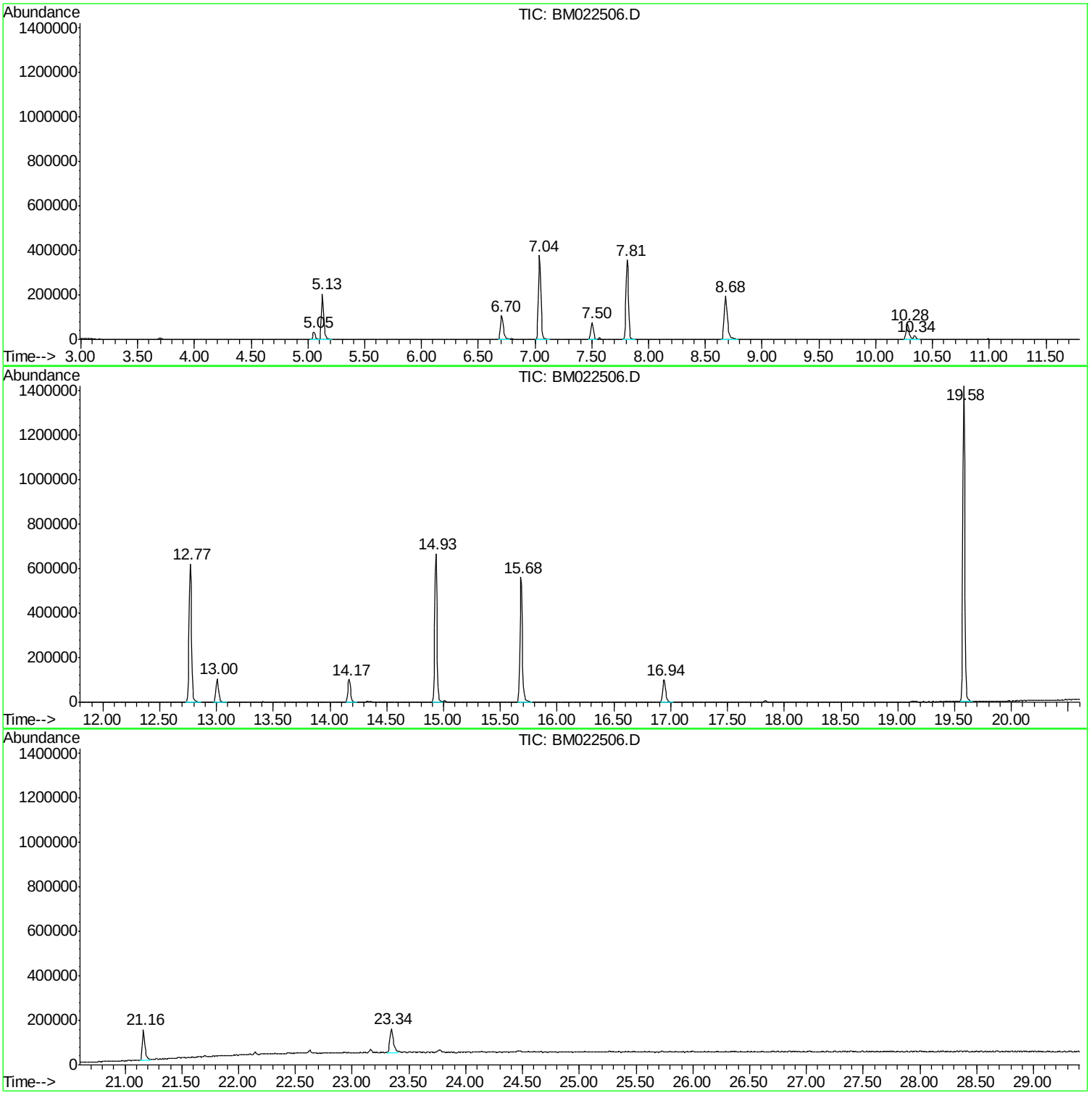
Instrument : BNA_M
ClientSampleId : TW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.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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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.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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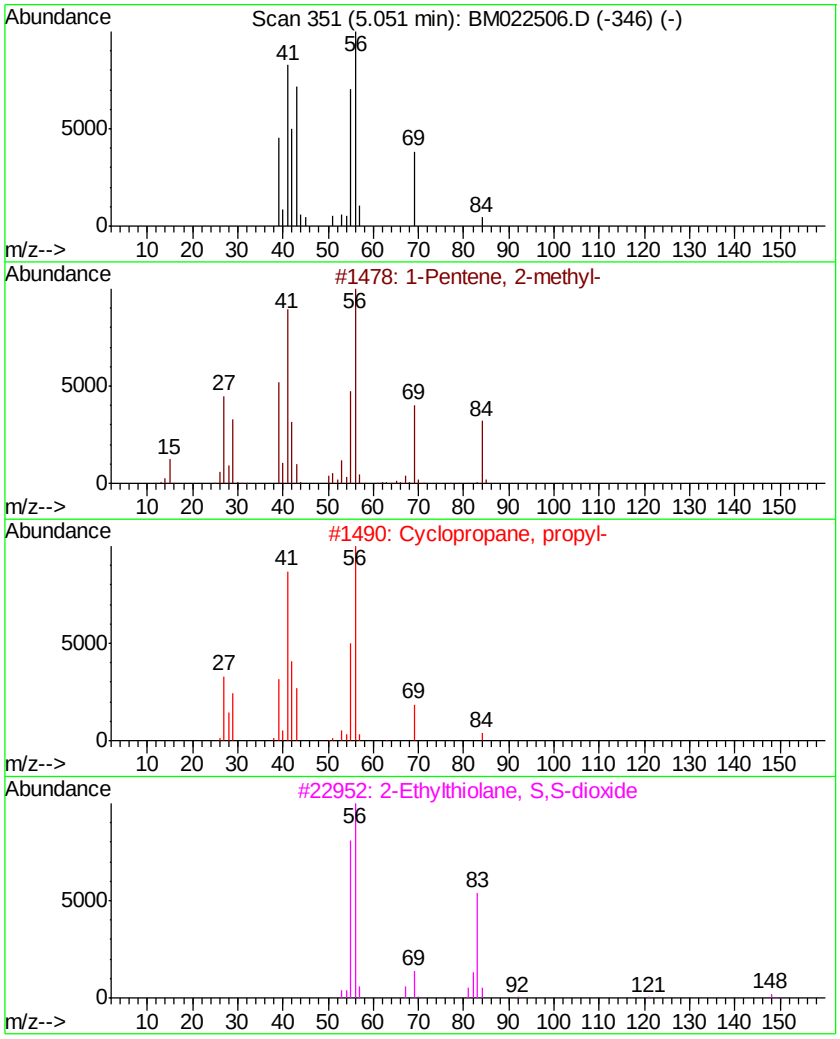
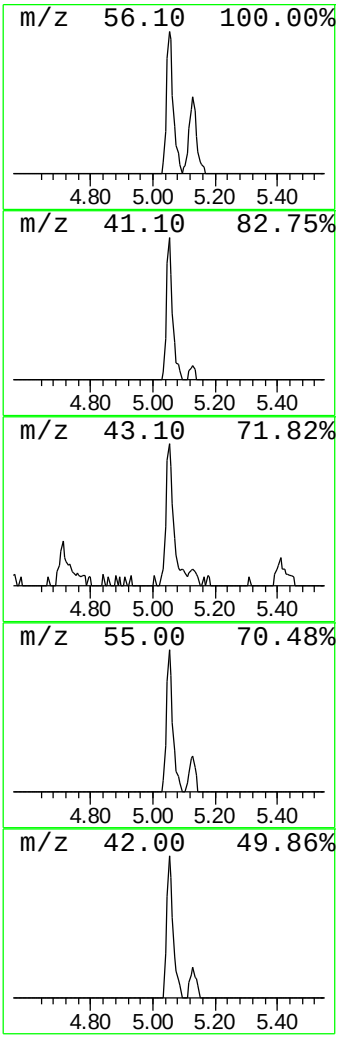
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	8.58 ng	50701	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclopropane, propyl-	84	C6H12	002415-72-7	72
3	2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	64
4	Cyclobutane, butyl-	112	C8H16	013152-44-8	64
5	1-Hexene	84	C6H12	000592-41-6	59





Library Search Compound Report

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ClientSampleId : TW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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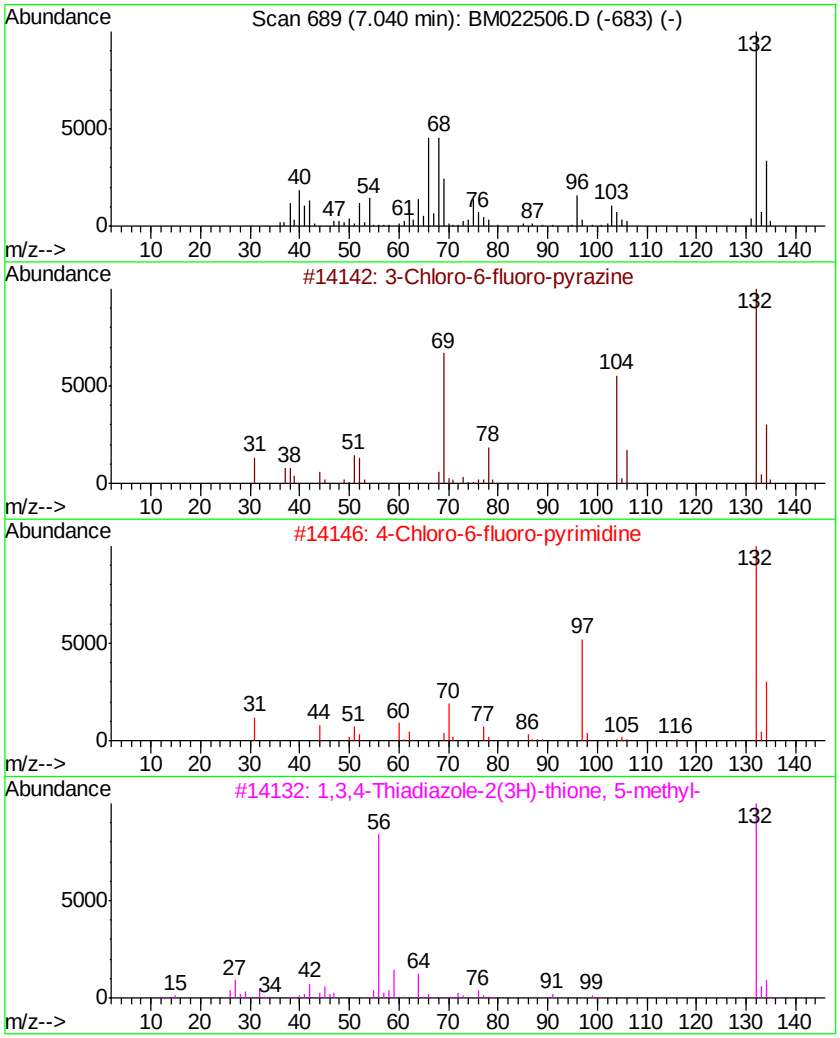
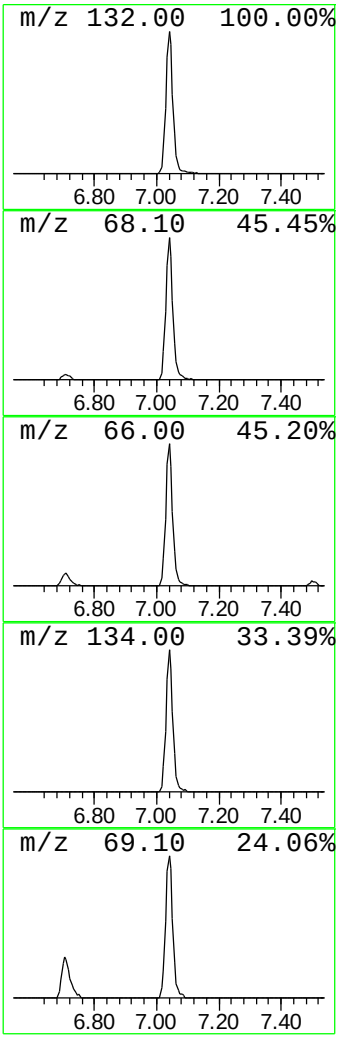
Peak Number 2 unknown7.04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	99.66 ng	588674	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10





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Instrument : BNA_M
ClientSampleId : TW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
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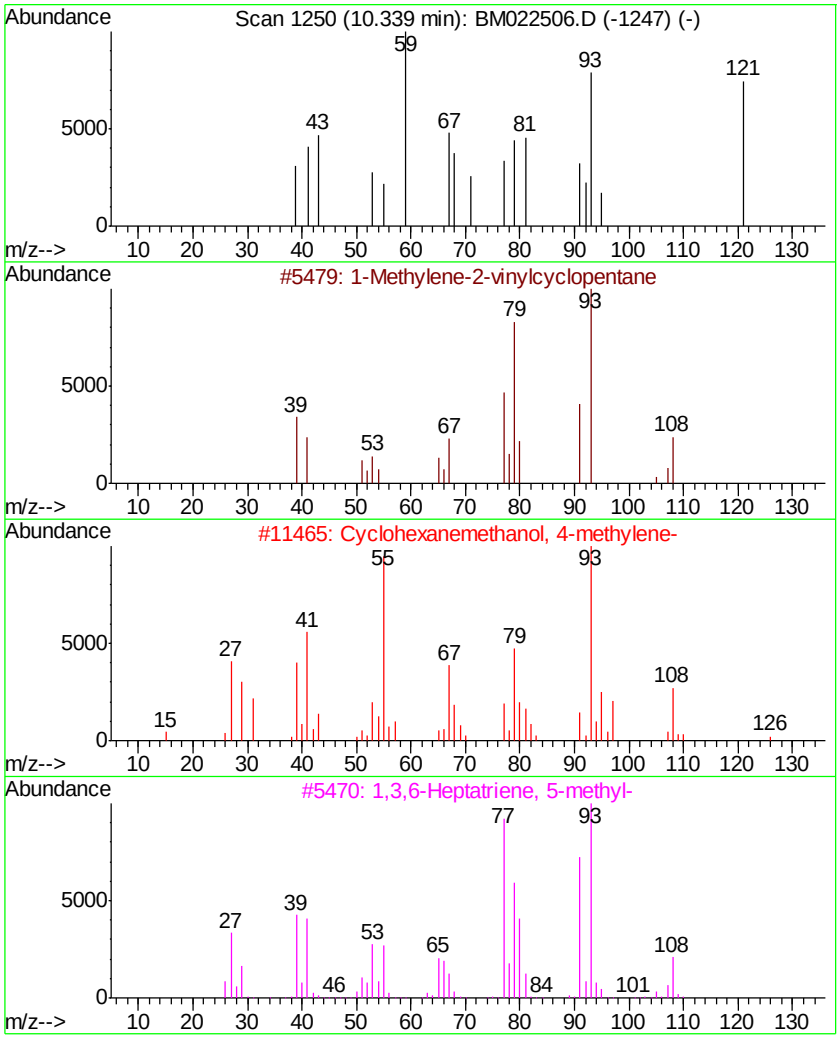
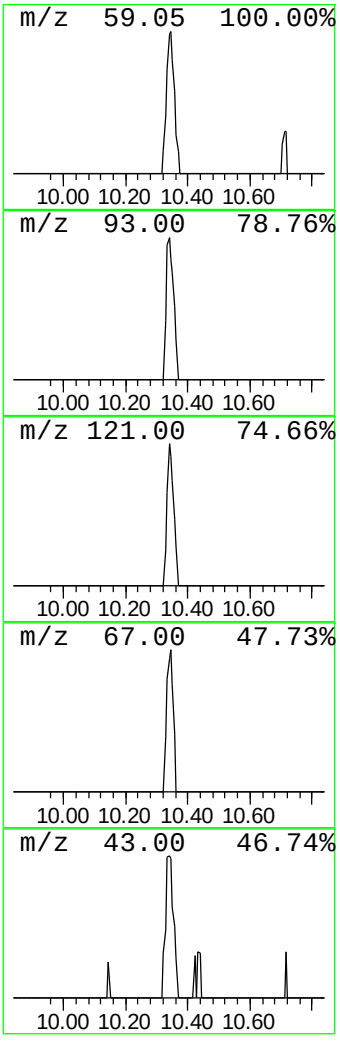
Peak Number 4 unknown10.34 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	4.12 ng	26368	Naphthalene-d8	10.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	10
2	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	10
3	1,3,6-Heptatriene, 5-methyl-	108	C8H12	000925-52-0	9
4	cis-1,2-Bis(aminomethyl)cyclohexane	142	C8H18N2	070795-45-8	9
5	Methyl fluoroacetate	92	C3H5FO2	000453-18-9	5





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Instrument : BNA_M
ClientSampleId : TW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.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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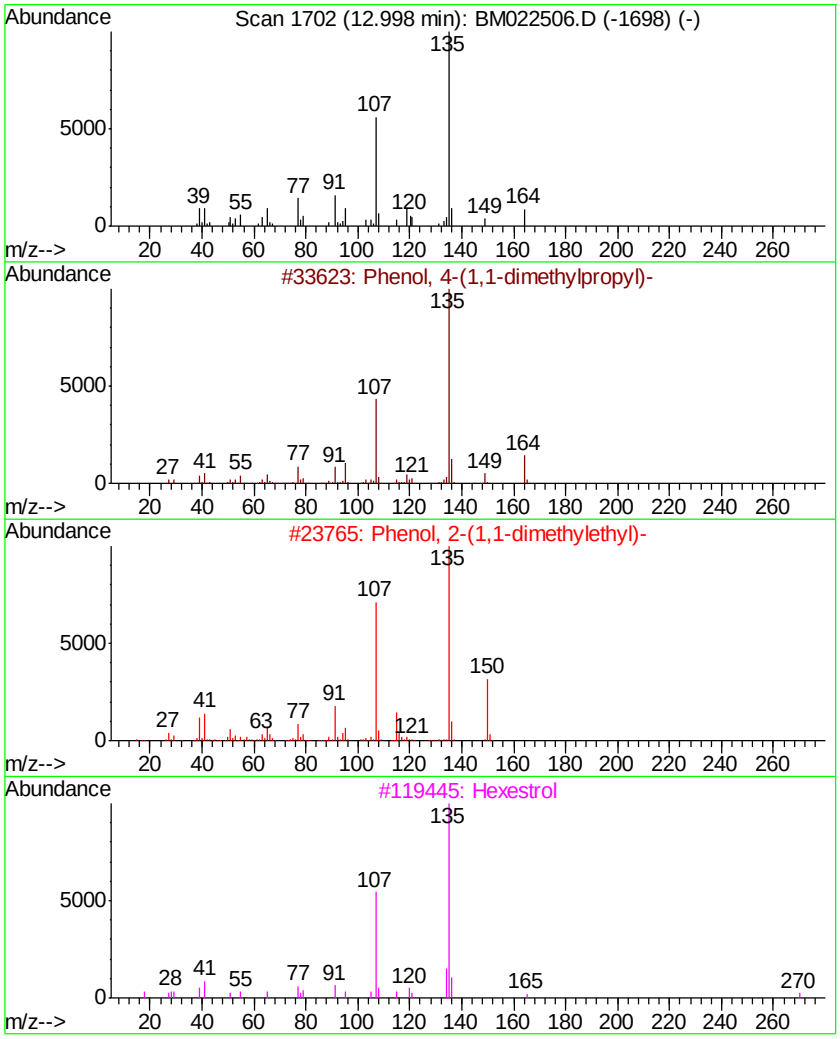
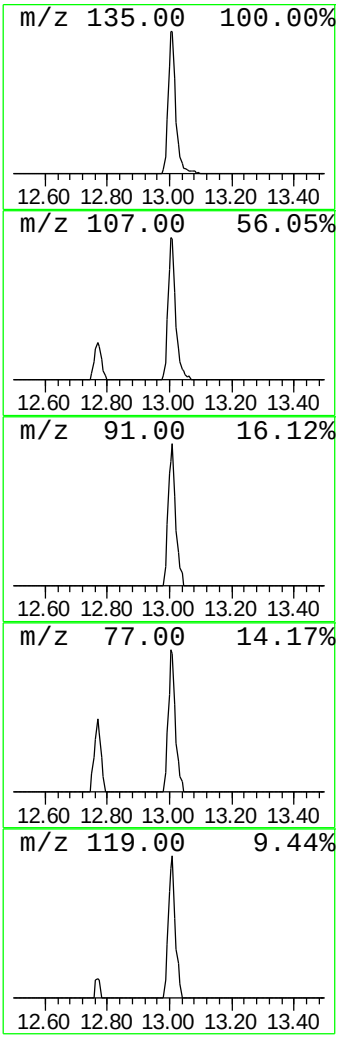
Peak Number 5 Phenol, 4-(1,1-dimethylprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	20.70 ng	169077	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	91
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	64
3	Hexestrol	270	C18H22O2	005635-50-7	64
4	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	64
5	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	59





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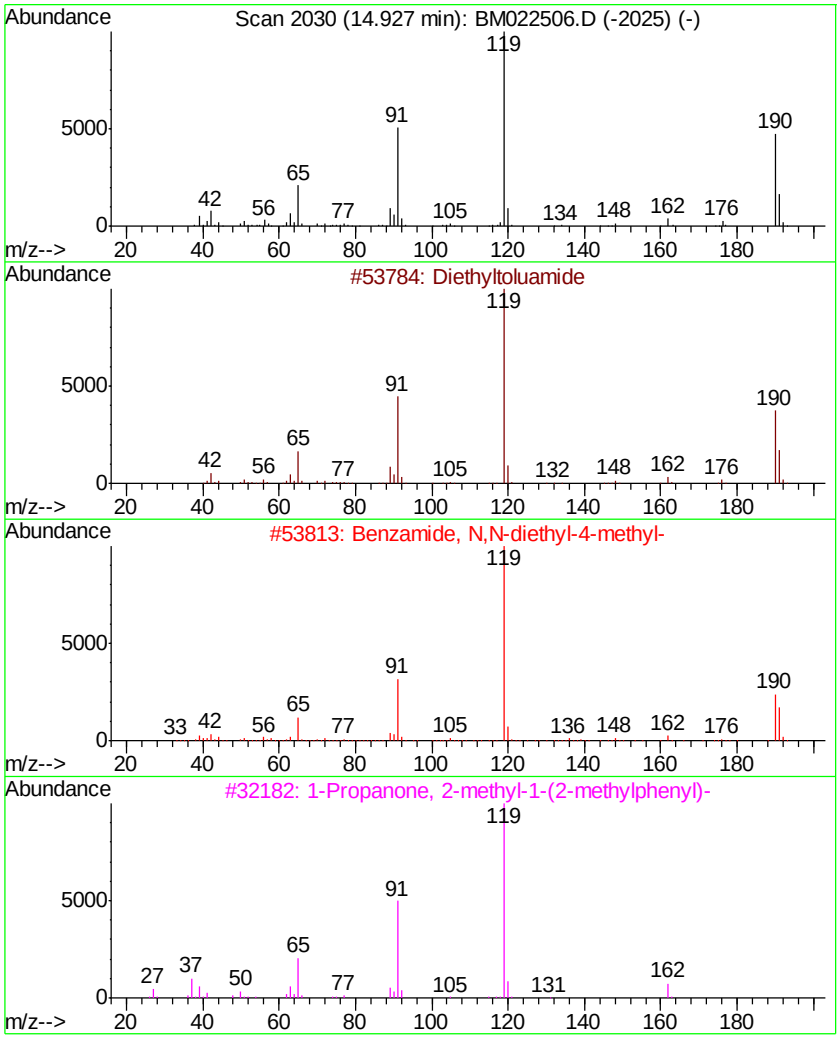
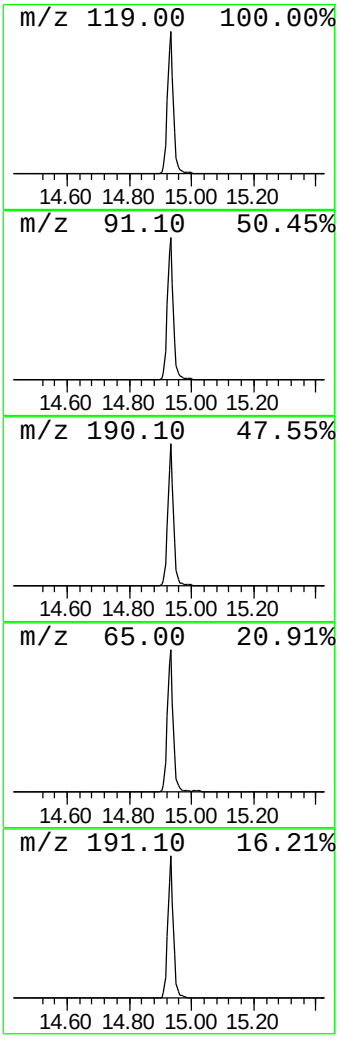
****

Peak Number 6 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	108.31 ng	884540	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	64
3	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	62
4	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	53
5	2,5-Pyrrolidinedione, 1-[(2-meth...	233	C12H11NO4	110920-14-4	53





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	5.05	8.6	ng	50701	1	7.50	118141	20.0
unknown7.04	7.04	99.7	ng	588674	1	7.50	118141	20.0
unknown10.34	10.34	4.1	ng	26368	2	10.28	128127	20.0
Phenol, 4-(1,1-di...	13.00	20.7	ng	169077	3	14.17	163341	20.0
Diethyltoluamide	14.93	108.3	ng	884540	3	14.17	163341	20.0