

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022485.D
 Acq On : 01 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4555-11
 Misc :
 ALS Vial : 12 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	359	rBV	20688	31500	2.14%	0.569%
2	5.128	359	364	376	rVV	121467	189705	12.90%	3.426%
3	6.710	628	633	646	rBV2	63447	126700	8.61%	2.288%
4	7.040	684	689	703	rBV	217521	367176	24.96%	6.631%
5	7.504	763	768	775	rBB	44137	63953	4.35%	1.155%
6	7.816	815	821	830	rBB	200125	323986	22.02%	5.851%
7	8.681	962	968	984	rBV	113497	235761	16.03%	4.258%
8	10.280	1235	1240	1248	rBV	37815	73558	5.00%	1.328%
9	12.769	1657	1663	1679	rBV	352999	564650	38.38%	10.197%
10	13.010	1698	1704	1714	rBV	72470	115414	7.85%	2.084%
11	14.168	1896	1901	1911	rBB	66032	103207	7.02%	1.864%
12	14.933	2025	2031	2042	rBV	472177	649598	44.16%	11.731%
13	15.686	2153	2159	2174	rBB	391636	604370	41.09%	10.915%
14	16.945	2367	2373	2383	rBV	76001	129258	8.79%	2.334%
15	19.127	2740	2744	2753	rBV2	9823	18354	1.25%	0.331%
16	19.580	2816	2821	2830	rBV	1182805	1471021	100.00%	26.566%
17	21.162	3085	3090	3101	rBV	149200	229699	15.61%	4.148%
18	23.344	3455	3461	3473	rVB2	106331	239311	16.27%	4.322%

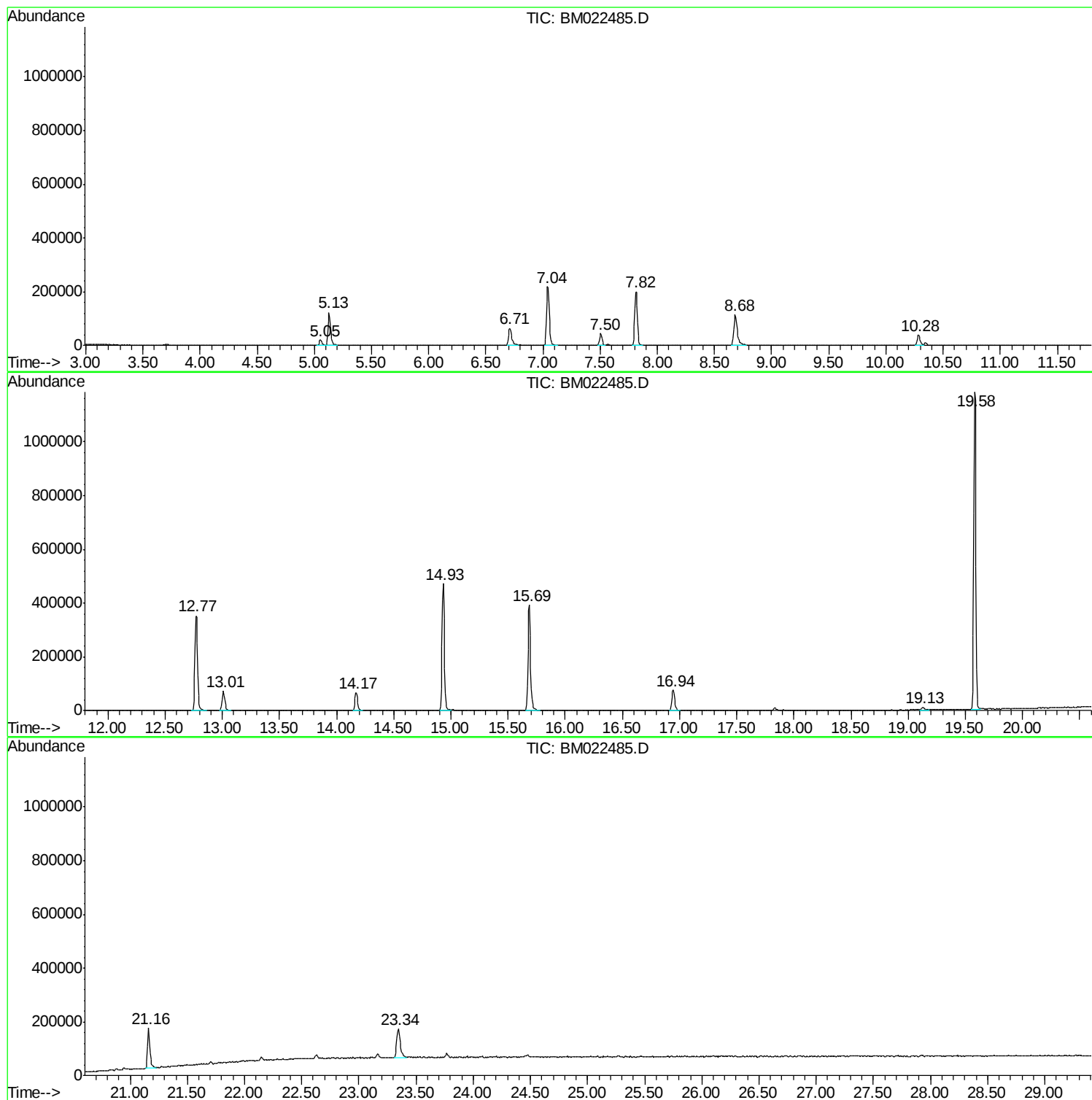
Sum of corrected areas: 5537221

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



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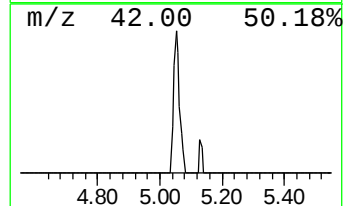
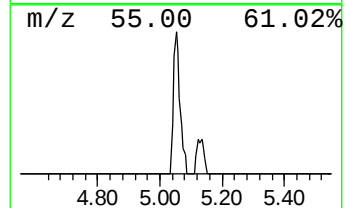
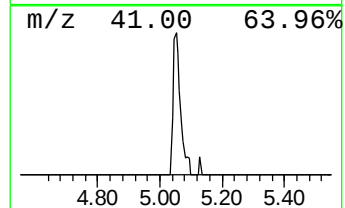
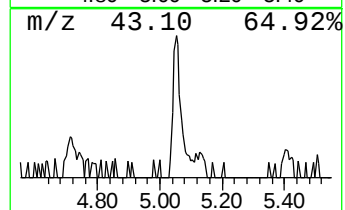
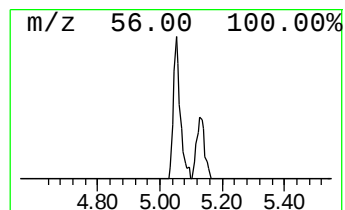
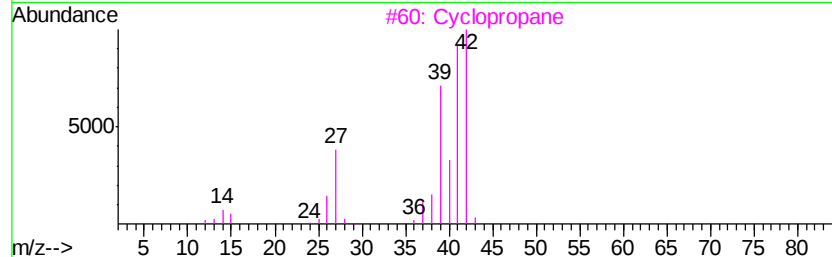
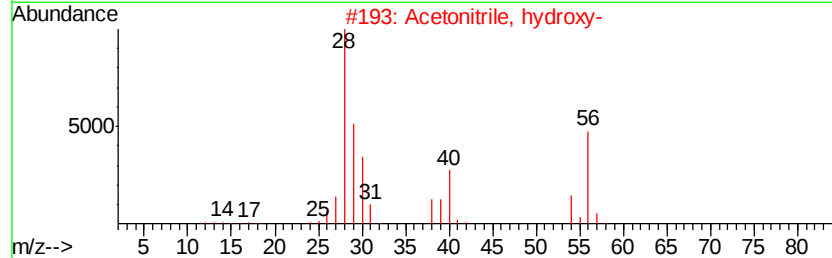
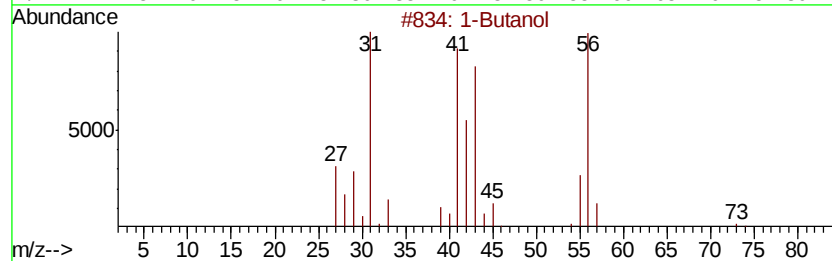
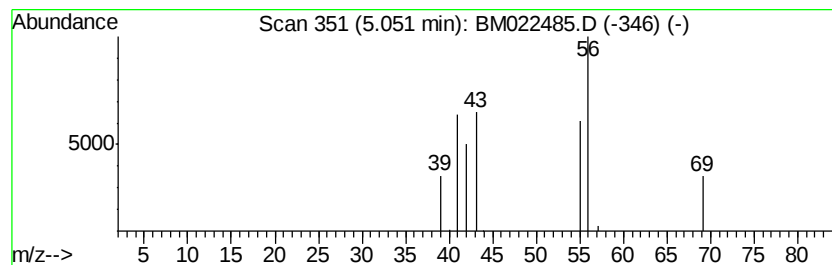
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Butanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	9.85 ng	31500	1,4-Dichlorobenzene-d4	7.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol		74	C4H10O	000071-36-3	64
2	Acetonitrile, hydroxy-		57	C2H3NO	000107-16-4	5
3	Cyclopropane		42	C3H6	000075-19-4	5
4	2-Butene		56	C4H8	000107-01-7	4
5	Cyclobutane		56	C4H8	000287-23-0	4



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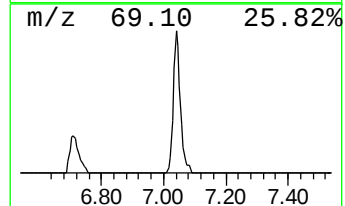
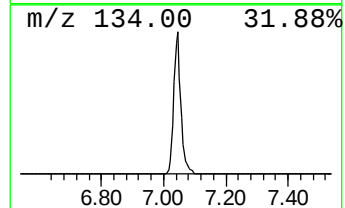
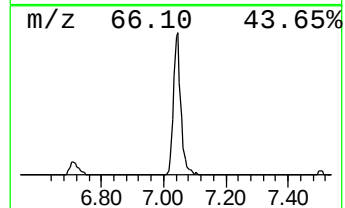
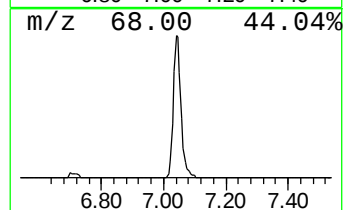
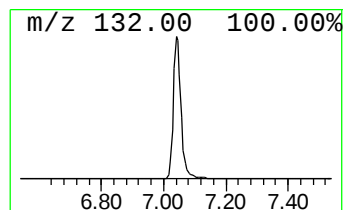
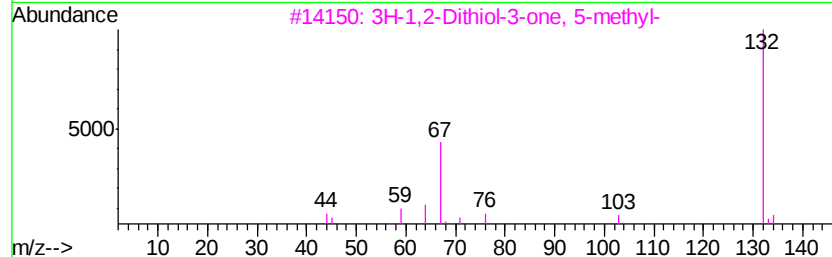
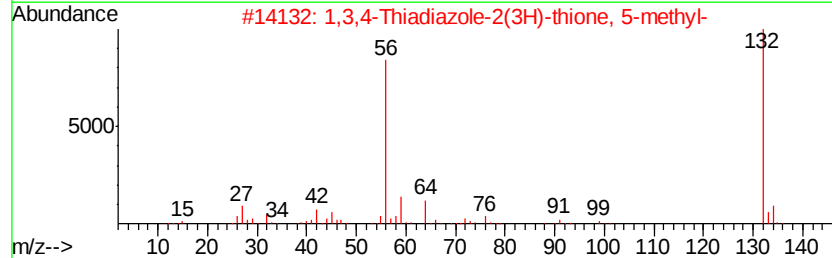
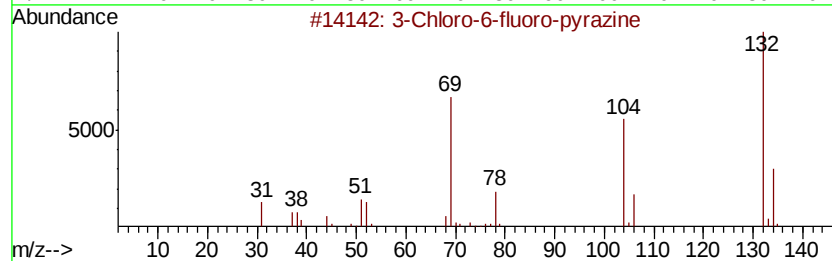
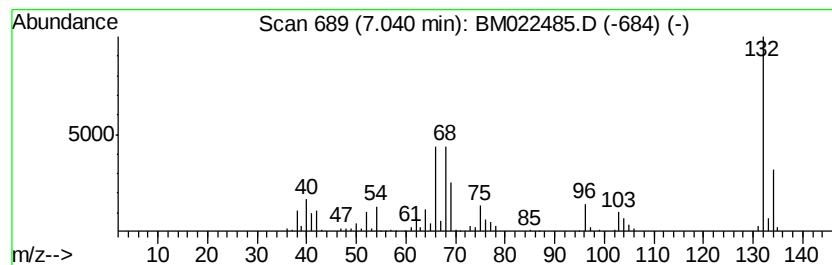
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Peak Number 2 unknown7.04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	114.83 ng	367176	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



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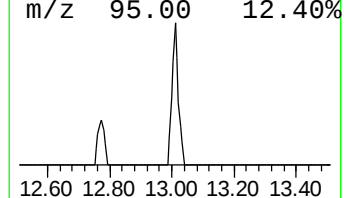
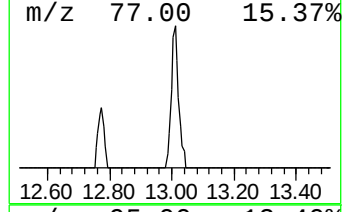
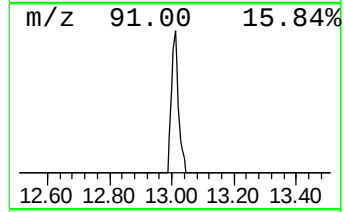
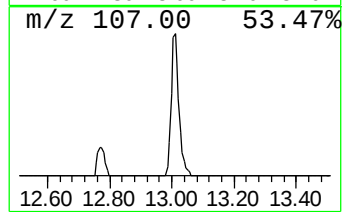
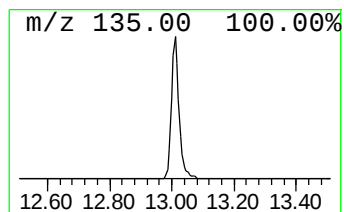
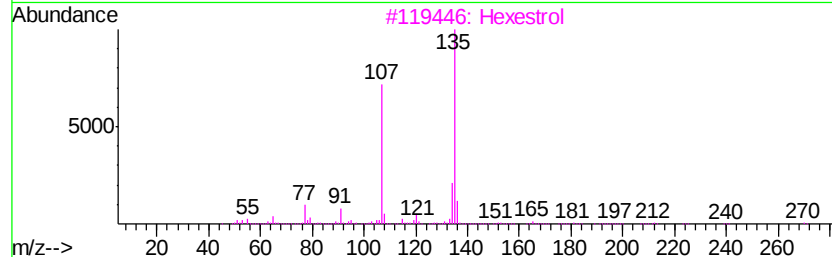
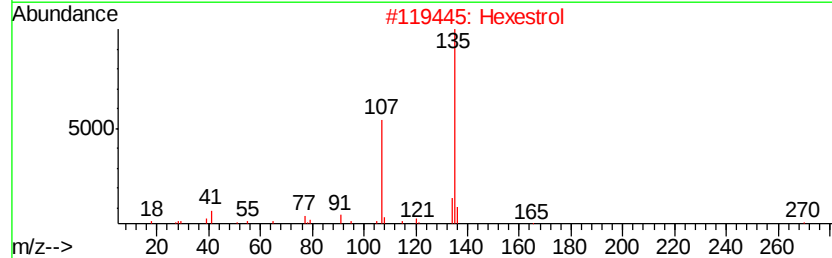
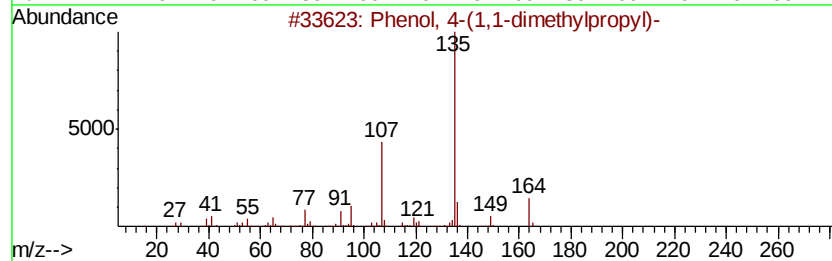
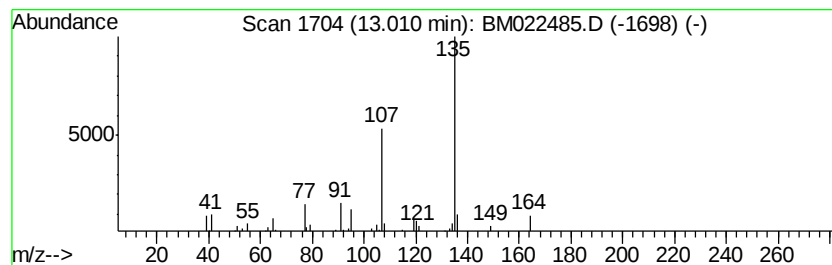
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Peak Number 4 Phenol, 4-(1,1-dimethylprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	22.37 ng	115414	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2		Hexestrol	270	C18H22O2	005635-50-7	64
3		Hexestrol	270	C18H22O2	000084-16-2	64
4		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	59
5		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	59



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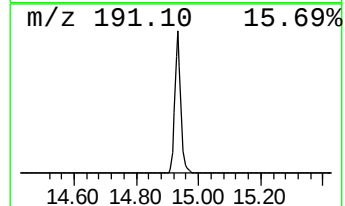
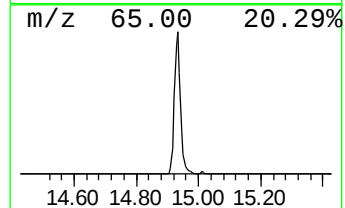
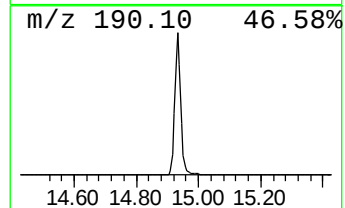
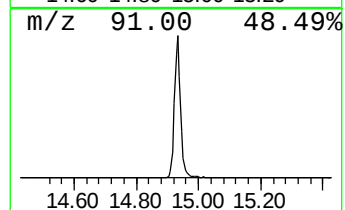
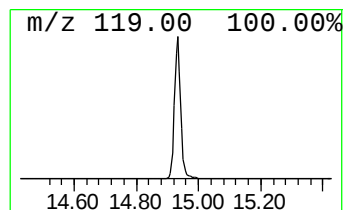
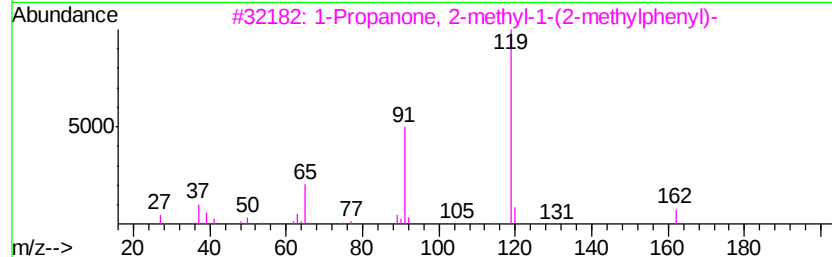
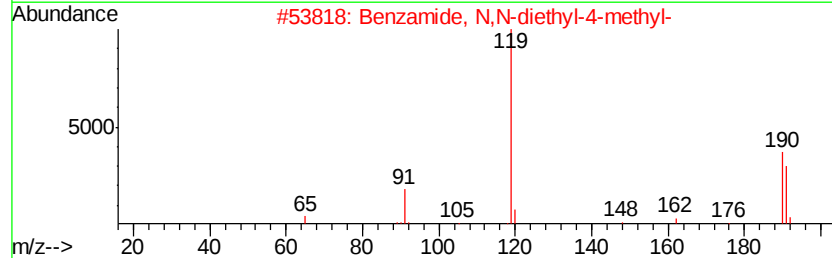
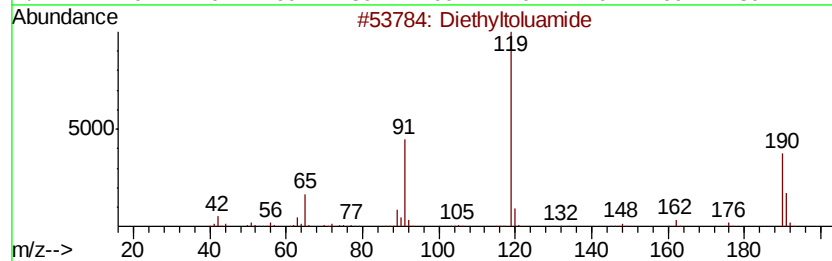
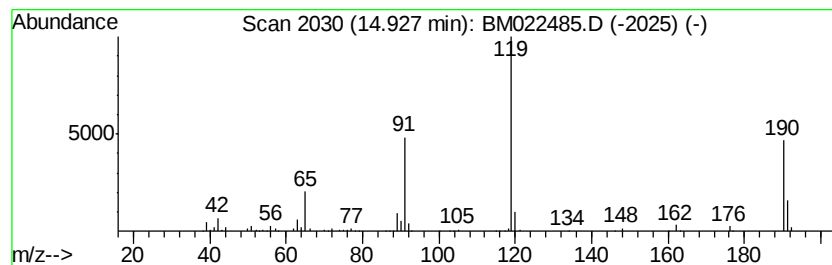
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Peak Number 5 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	125.88 ng	649598	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	78
3		1-Propanone, 2-methyl-1-(2-methyl-...	162	C11H14O	002040-21-3	62
4		N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	59
5		Benzoic acid, 2-methyl-, (2-isop...	268	C18H20O2	032276-66-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Butanol	5.05	9.8	ng	31500	1	7.50	63953	20.0
unknown7.04	7.04	114.8	ng	367176	1	7.50	63953	20.0
Phenol, 4-(1,1-di...	13.01	22.4	ng	115414	3	14.17	103207	20.0
Diethyltoluamide	14.93	125.9	ng	649598	3	14.17	103207	20.0