

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028915.D
 Acq On : 25 Sep 2017 19:53
 Operator : SJ/JU
 Sample : I5301-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170608-COMP-A

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:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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	5.382	300	305	313	rBV	28775	46542	1.31%	0.348%
2	5.847	376	384	399	rBV	284176	497807	14.06%	3.718%
3	7.433	647	654	665	rBV	191242	366597	10.35%	2.738%
4	7.815	710	719	732	rBV	478253	868269	24.52%	6.485%
5	8.279	791	798	803	rBV	99714	172981	4.89%	1.292%
6	8.602	846	853	866	rBV	444417	800207	22.60%	5.976%
7	9.448	990	997	1009	rBV	354851	681233	19.24%	5.088%
8	11.099	1272	1278	1286	rBV	120729	218938	6.18%	1.635%
9	11.898	1406	1414	1425	rBV3	27824	62531	1.77%	0.467%
10	13.514	1683	1689	1699	rBV	1029221	1674642	47.29%	12.507%
11	14.895	1917	1924	1935	rBV2	195778	340726	9.62%	2.545%
12	16.387	2171	2178	2187	rBV	1014820	1644895	46.45%	12.285%
13	17.645	2385	2392	2399	rBV	344164	550211	15.54%	4.109%
14	18.291	2496	2502	2509	rVB3	75449	109175	3.08%	0.815%
15	19.895	2770	2775	2782	rVB	339398	414635	11.71%	3.097%
16	20.236	2826	2833	2844	rBV	2757601	3540995	100.00%	26.446%
17	21.963	3120	3127	3136	rBV2	371937	694216	19.61%	5.185%
18	23.162	3327	3331	3336	rBV5	29862	51519	1.45%	0.385%
19	25.418	3705	3715	3728	rVB	201452	653276	18.45%	4.879%

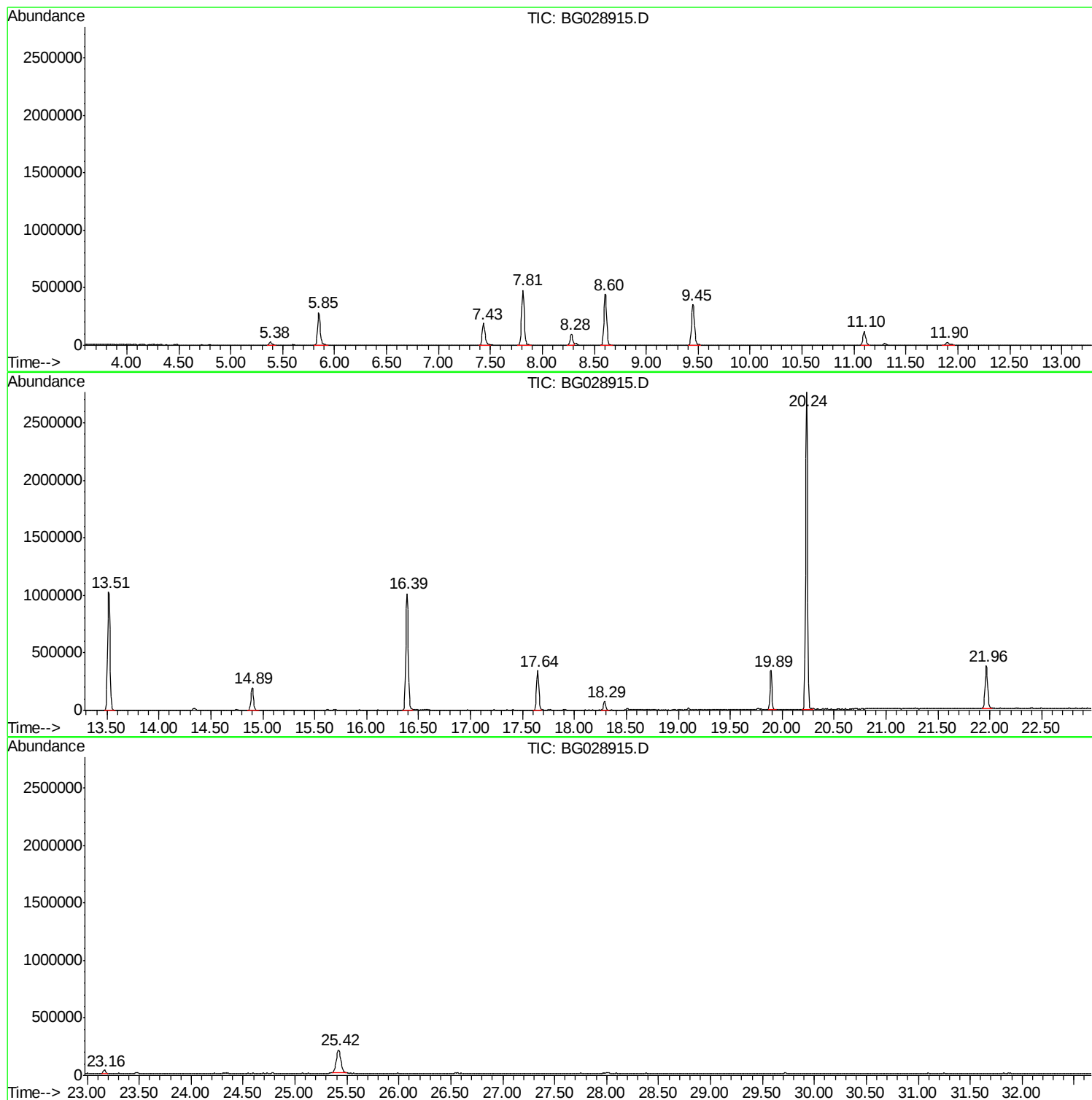
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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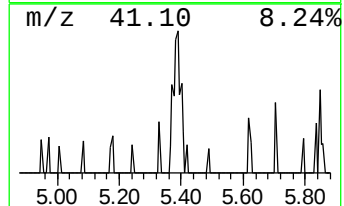
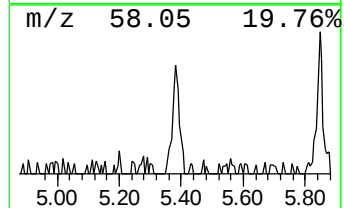
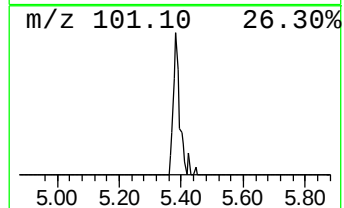
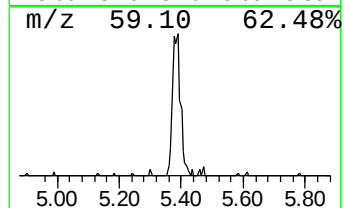
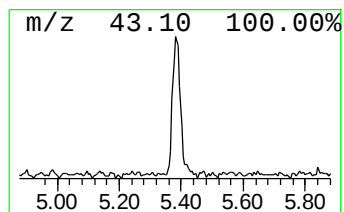
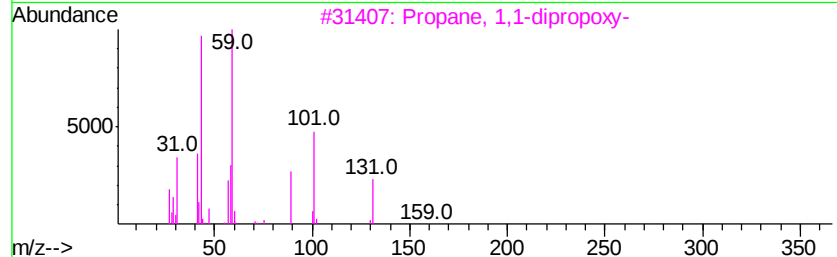
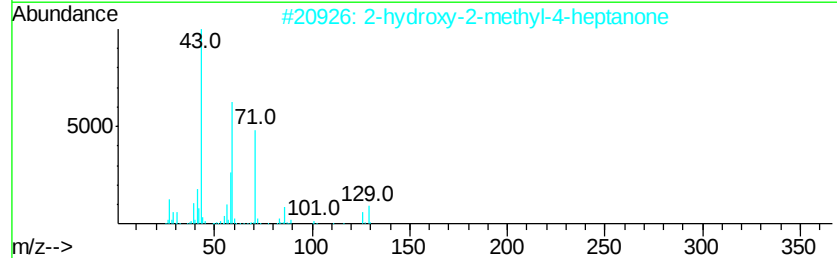
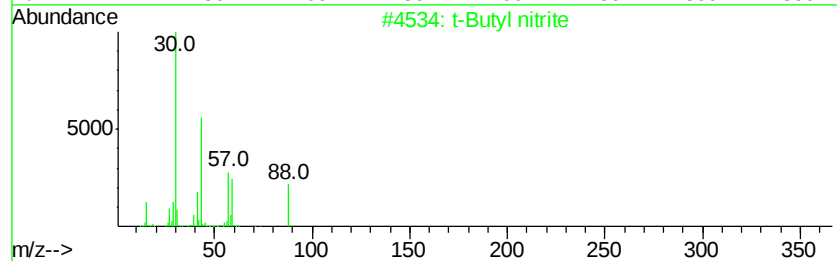
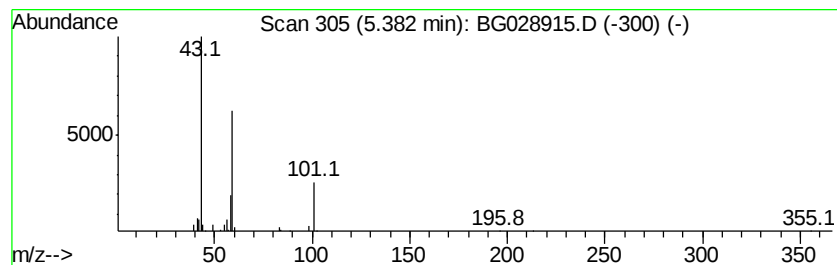
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	5.38 ng	46542	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	t-Butyl nitrite	103	C4H9NO2	000540-80-7	40
2		2-hydroxy-2-methyl-4-heptanone	144	C8H16O2	054862-91-8	40
3		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37



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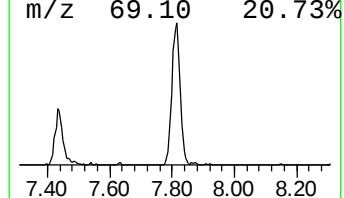
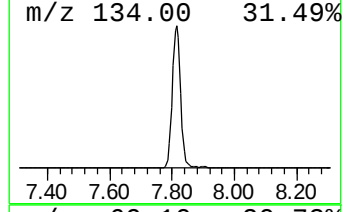
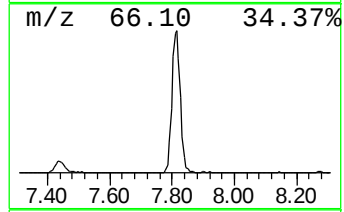
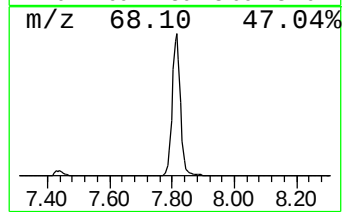
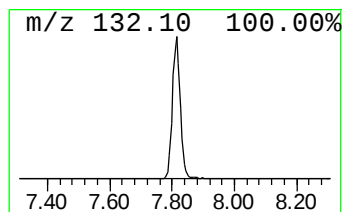
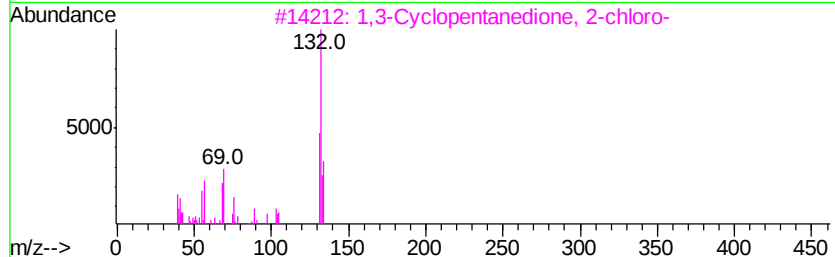
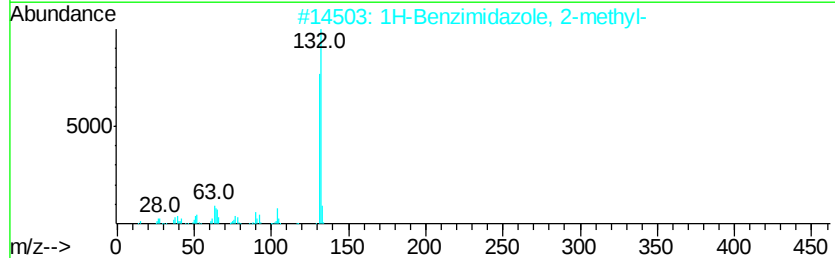
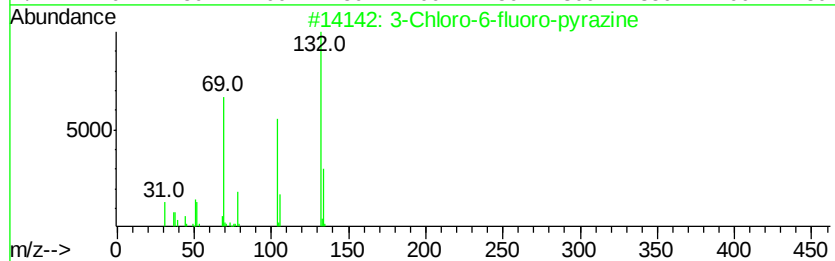
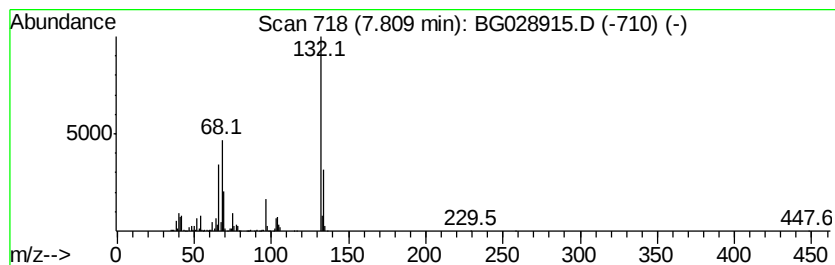
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Peak Number 2 unknown7.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	100.39 ng	868269	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	16
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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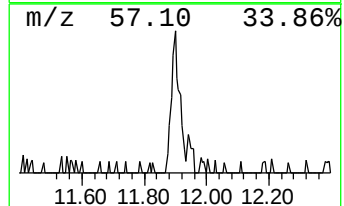
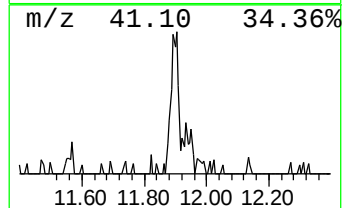
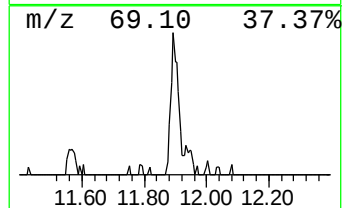
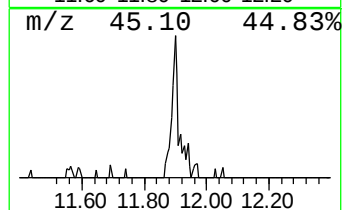
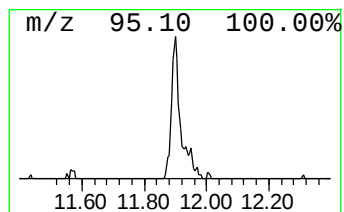
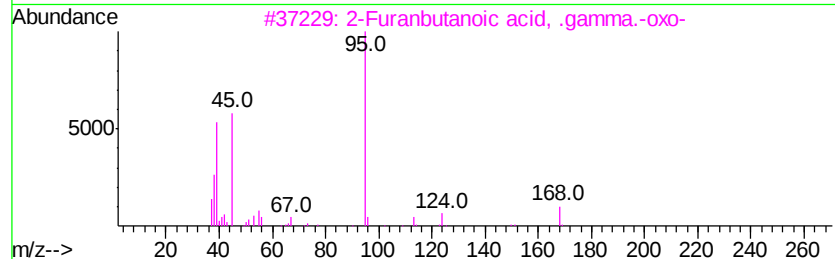
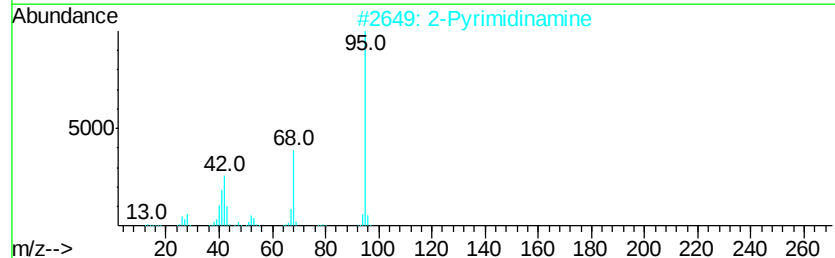
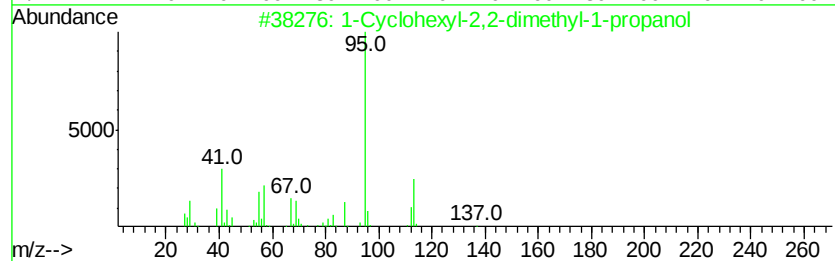
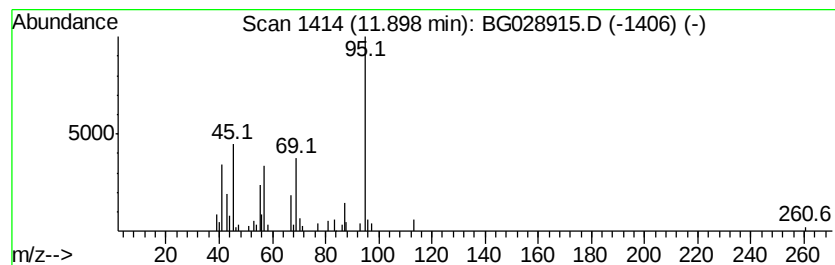
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Peak Number 4 unknown11.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.71 ng	62531	Napthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexyl-2,2-dimethyl-1-prop...	170	C11H22O	062039-14-9	47
2		2-Pyrimidinamine	95	C4H5N3	000109-12-6	43
3		2-Furanbutanoic acid, .gamma.-oxo-	168	C8H8O4	1000362-61-6	39
4		5-Hepten-2-ol, 6-methyl-	128	C8H16O	001569-60-4	38
5		1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	32



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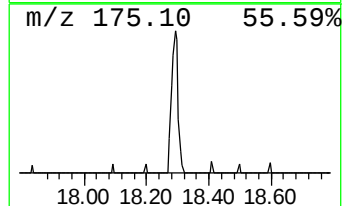
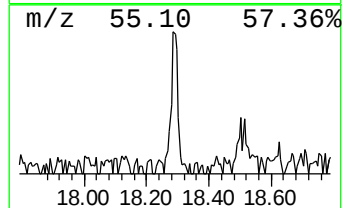
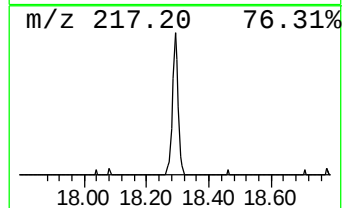
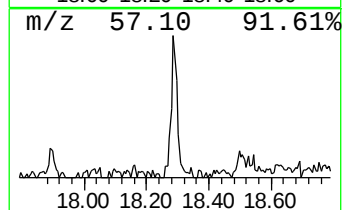
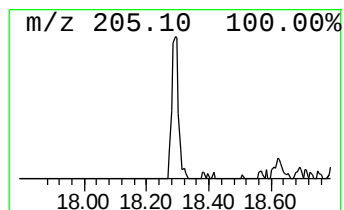
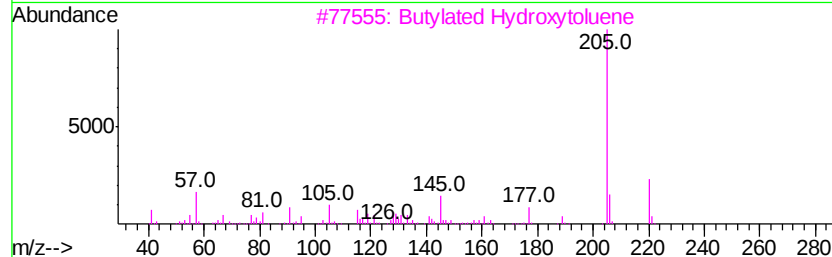
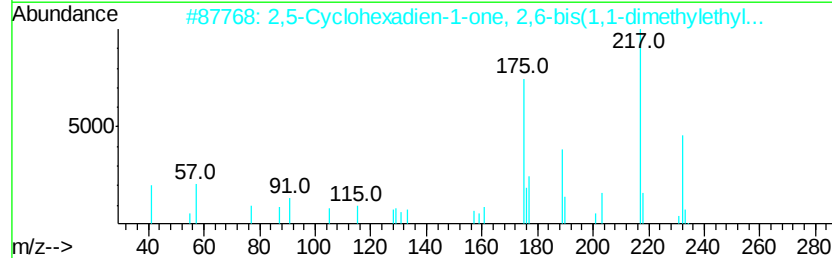
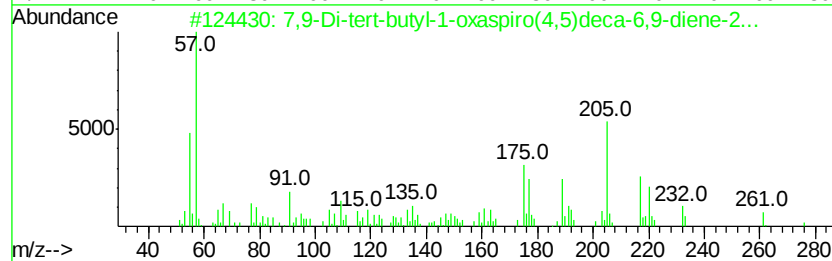
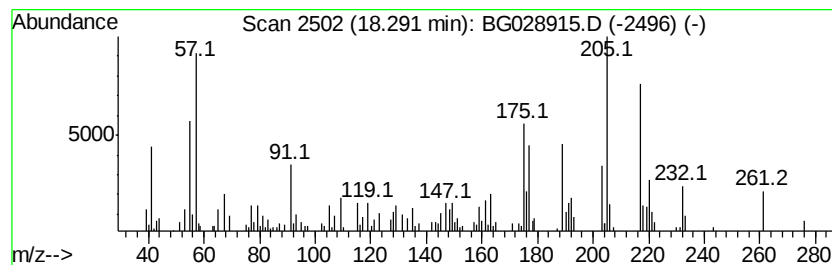
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Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.29	3.97 ng	109175	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95	
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	46	
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	35	
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	35	
5	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	20	



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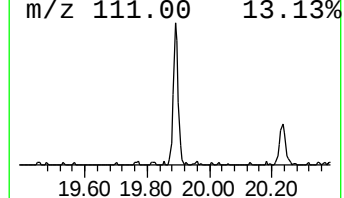
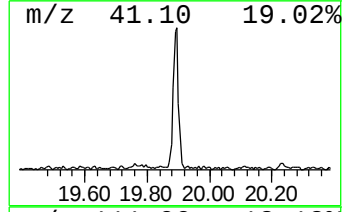
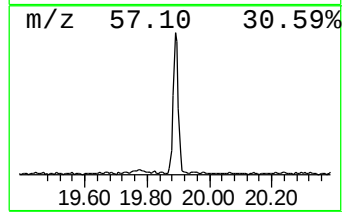
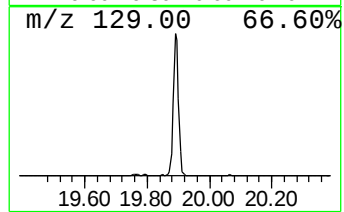
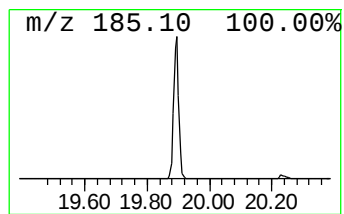
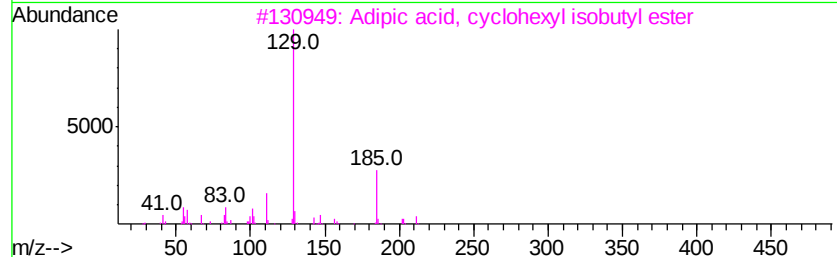
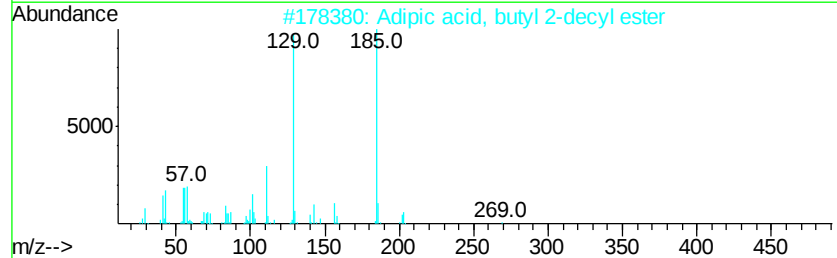
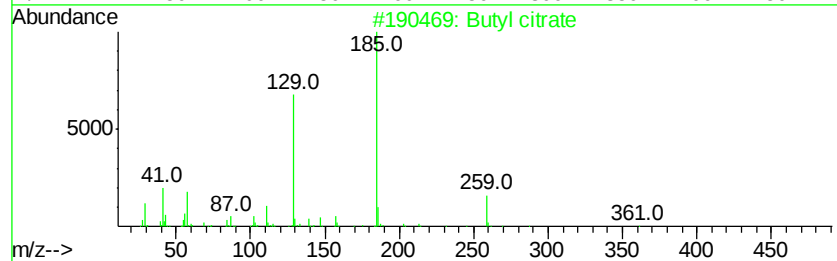
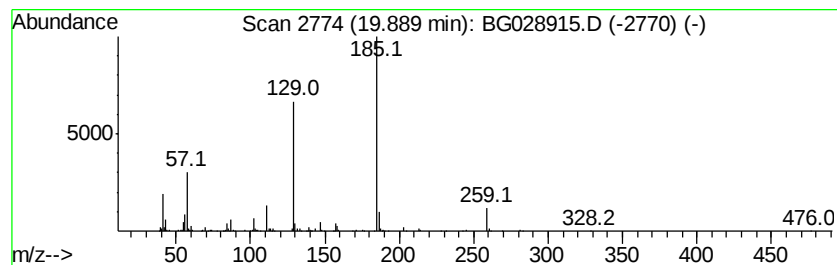
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Peak Number 6 Butyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	11.95 ng	414635	Chrysene-d12	21.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butyl citrate	360 C18H32O7	000077-94-1 91
2		Adipic acid, butyl 2-decyl ester	342 C20H38O4	1000353-59-7 72
3		Adipic acid, cyclohexyl isobutyl...	284 C16H28O4	1000324-25-8 64
4		Adipic acid, 3-hexyl isobutyl ester	286 C16H30O4	1000353-62-2 56
5		Dibutyl adipate	258 C14H26O4	000105-99-7 56



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.81	7.81	100.4	ng	868269	1	8.28	172981	20.0
unknown11.90	11.90	5.7	ng	62531	2	11.10	218938	20.0
7,9-Di-tert-butyl...	18.29	4.0	ng	109175	4	17.64	550211	20.0
Butyl citrate	19.89	11.9	ng	414635	5	21.96	694216	20.0