

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028912.D
 Acq On : 25 Sep 2017 17:54
 Operator : SJ/JU
 Sample : I5301-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

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	5.386	300	306	311	rBV2	31320	50008	1.40%	0.356%
2	5.850	378	385	395	rBV	306308	524496	14.71%	3.738%
3	7.436	646	655	669	rBV	211485	411555	11.54%	2.933%
4	7.812	711	719	737	rBV	501787	924310	25.93%	6.588%
5	8.277	791	798	810	rVB	98232	199901	5.61%	1.425%
6	8.606	846	854	865	rBV	485882	879445	24.67%	6.268%
7	9.452	990	998	1011	rBV	389869	731296	20.51%	5.212%
8	11.097	1271	1278	1287	rBV	126886	242866	6.81%	1.731%
9	13.518	1683	1690	1702	rBV	1223768	1877460	52.67%	13.382%
10	14.340	1823	1830	1837	rBV2	30203	50971	1.43%	0.363%
11	14.898	1916	1925	1932	rBV2	224800	368757	10.34%	2.628%
12	16.385	2171	2178	2188	rBV	1014340	1646382	46.18%	11.735%
13	17.648	2386	2393	2402	rBV2	335941	548012	15.37%	3.906%
14	18.288	2497	2502	2507	rBV3	71815	97367	2.73%	0.694%
15	18.506	2532	2539	2544	rBV4	24306	47848	1.34%	0.341%
16	19.892	2769	2775	2784	rBV	448268	504987	14.17%	3.599%
17	20.233	2827	2833	2841	rBV	2577136	3564898	100.00%	25.409%
18	21.966	3121	3128	3136	rBV	385298	689900	19.35%	4.917%
19	25.421	3705	3716	3730	rVB2	213455	669802	18.79%	4.774%

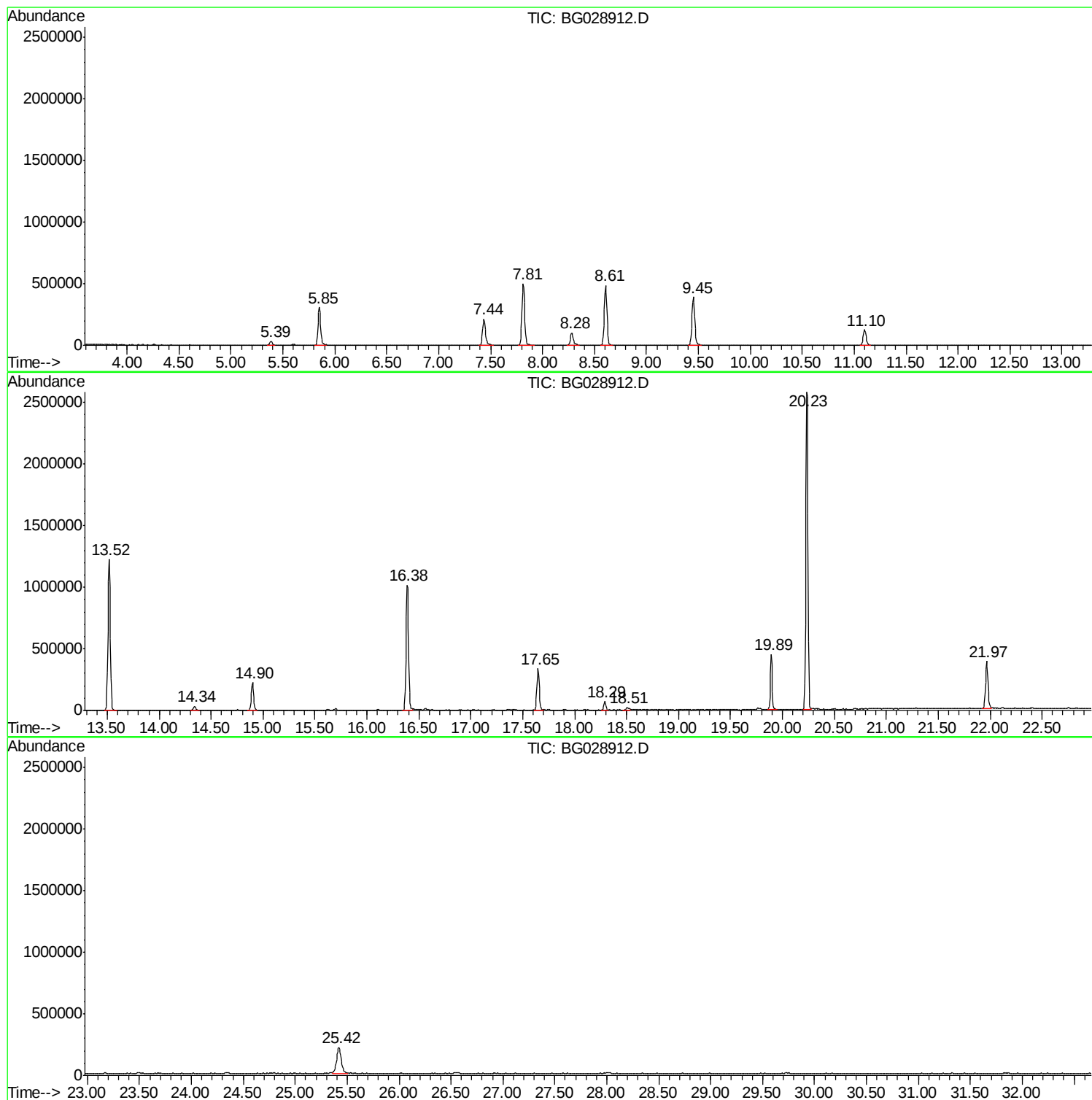
Sum of corrected areas: 14030261

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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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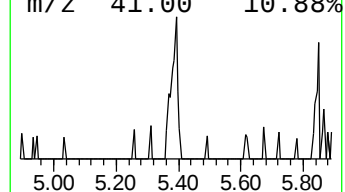
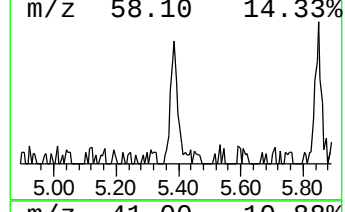
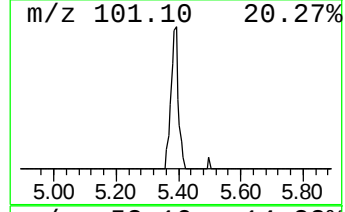
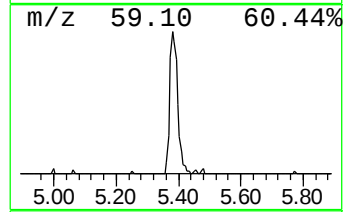
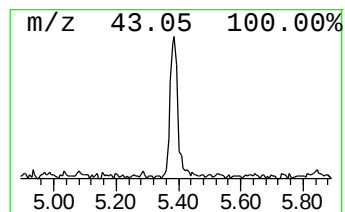
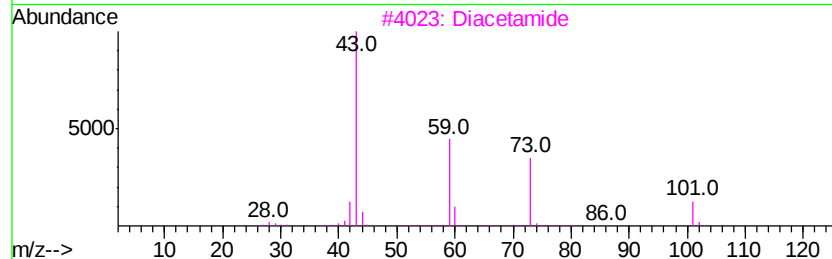
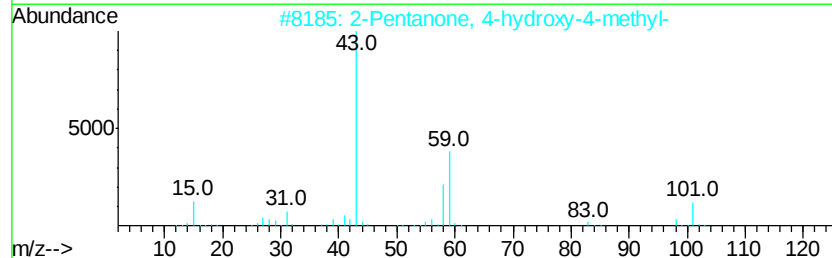
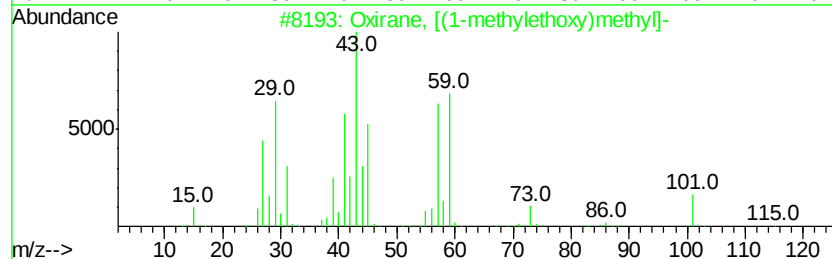
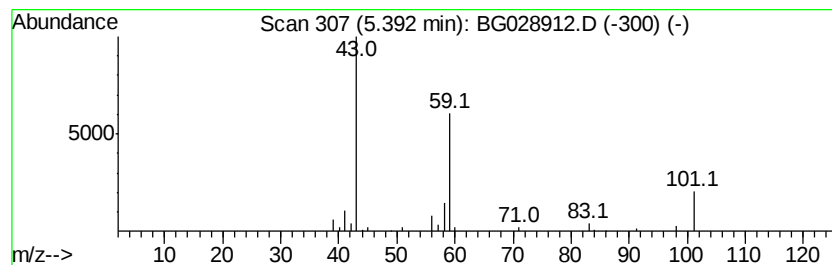
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	5.00 ng	50008	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	40
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3		Diacetamide	101	C4H7NO2	000625-77-4	33
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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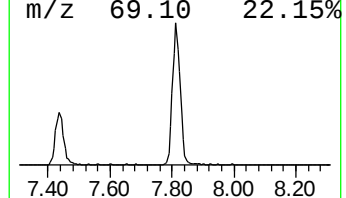
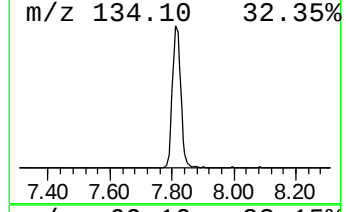
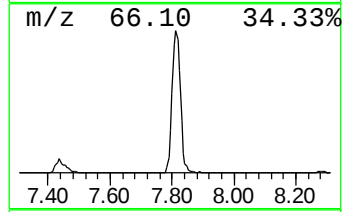
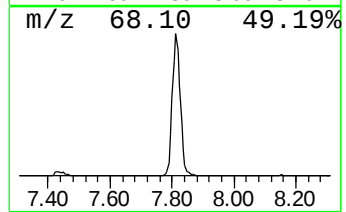
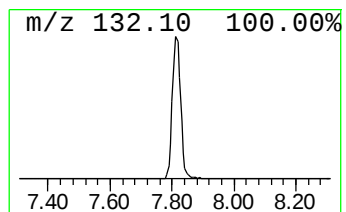
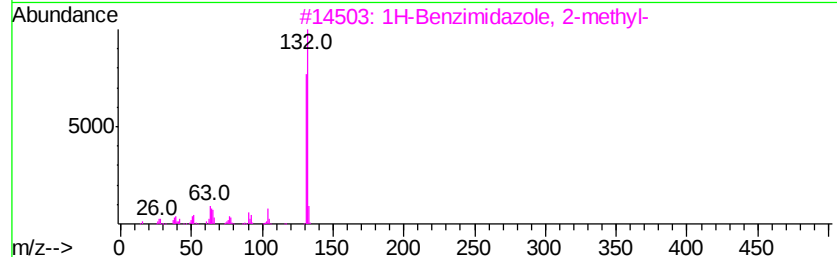
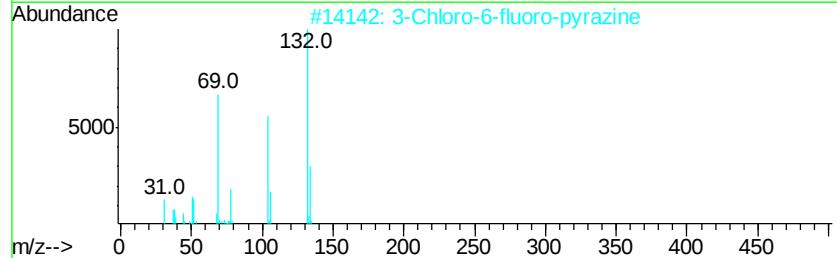
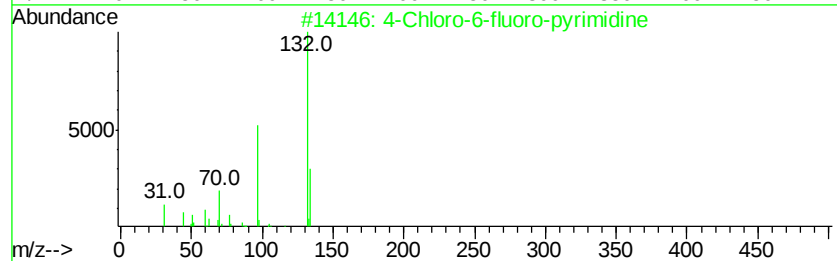
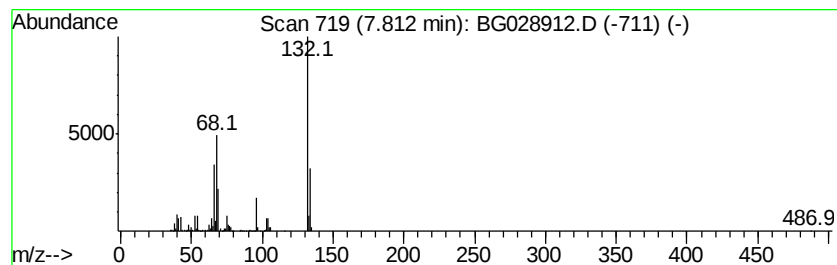
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Peak Number 2 unknown7.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	92.48 ng	924310	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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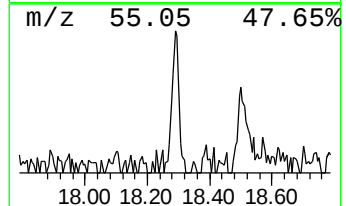
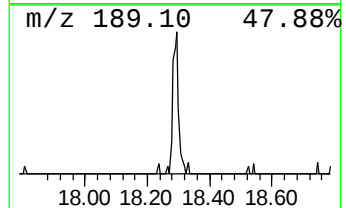
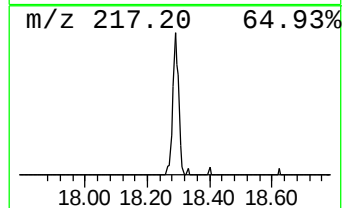
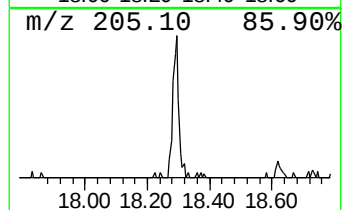
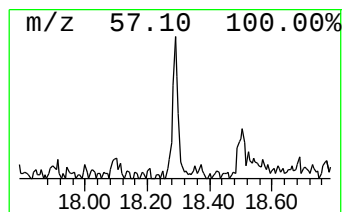
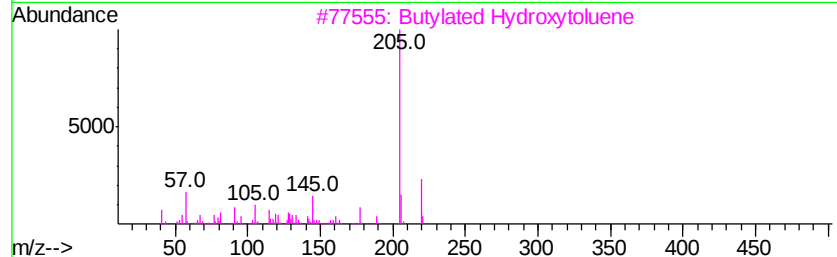
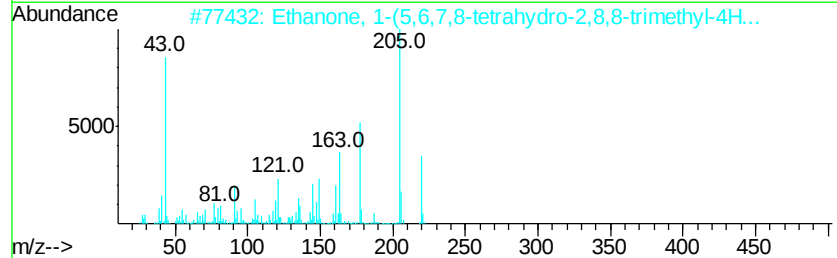
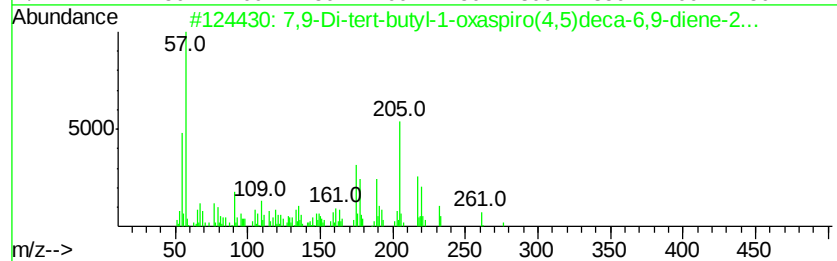
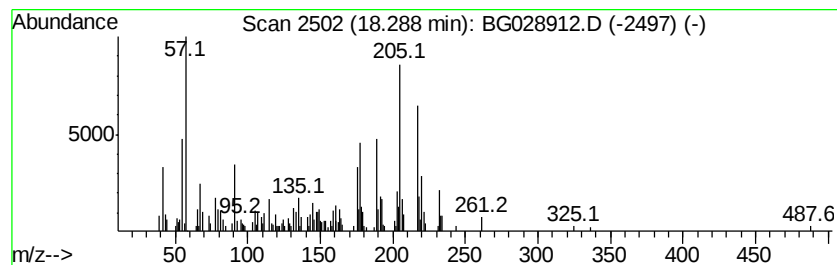
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Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.55 ng	97367	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	74
2		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	43
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	42
4		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38
5		1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	38



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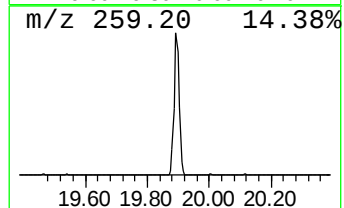
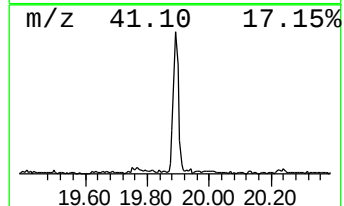
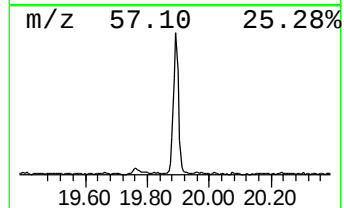
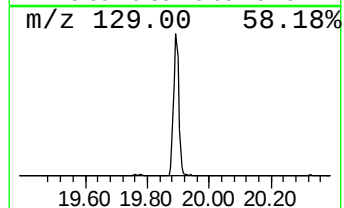
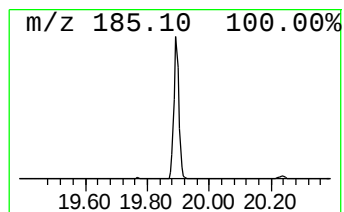
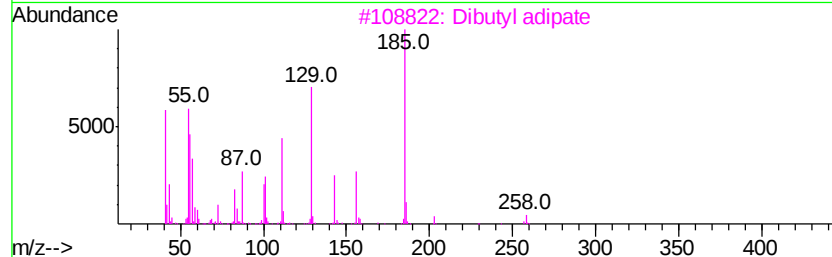
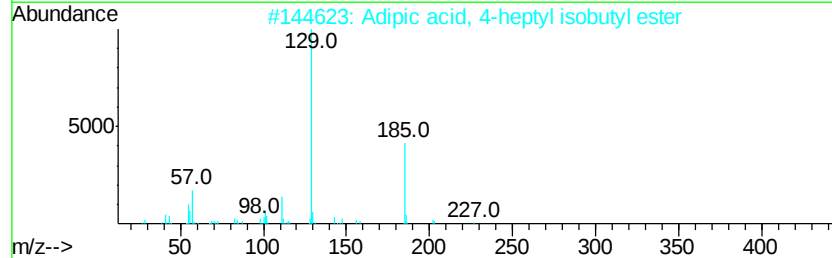
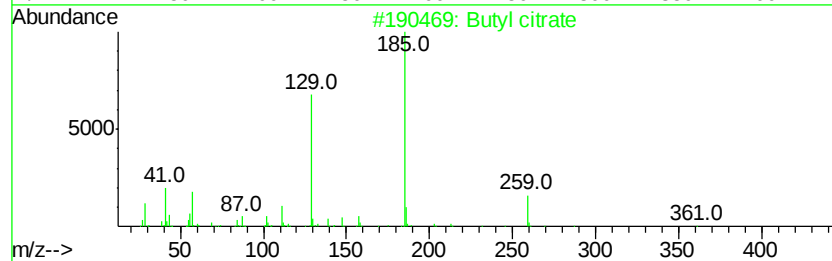
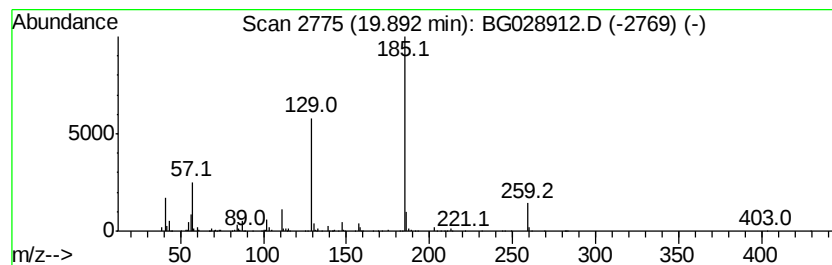
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Peak Number 5 Butyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	14.64 ng	504987	Chrysene-d12	21.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl citrate	360	C18H32O7	000077-94-1	76
2		Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	72
3		Dibutyl adipate	258	C14H26O4	000105-99-7	56
4		Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	56
5		Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	56



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					#	RT	Resp	Conc
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unknown7.81	7.81	92.5	ng	924310	1	8.28	199901	20.0
7,9-Di-tert-butyl...	18.29	3.5	ng	97367	4	17.65	548012	20.0
Butyl citrate	19.89	14.6	ng	504987	5	21.97	689900	20.0