

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028825.D
 Acq On : 20 Sep 2017 10:40
 Operator : SJ/JU
 Sample : PB102386TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102386TB

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	5.388	300	306	317	rBV2	39786	66182	1.99%	0.491%
2	5.858	379	386	395	rBV	533165	866370	26.10%	6.433%
3	7.444	648	656	667	rBV	511989	919390	27.70%	6.827%
4	7.820	712	720	732	rBV	499514	882029	26.57%	6.550%
5	8.290	794	800	807	rVB2	97107	166140	5.00%	1.234%
6	8.613	849	855	866	rVB	348892	639161	19.25%	4.746%
7	9.459	991	999	1009	rBV	286511	539918	16.26%	4.009%
8	11.110	1273	1280	1291	rBV	124021	233740	7.04%	1.736%
9	13.525	1684	1691	1698	rBV	914690	1482914	44.67%	11.012%
10	14.912	1920	1927	1935	rBV2	226578	391753	11.80%	2.909%
11	16.398	2173	2180	2200	rBV	962631	1579066	47.57%	11.726%
12	17.662	2386	2395	2408	rBV2	400762	656264	19.77%	4.873%
13	19.912	2773	2778	2782	rBV2	92059	109324	3.29%	0.812%
14	20.247	2829	2835	2843	rBV	2417921	3319651	100.00%	24.651%
15	20.958	2951	2956	2960	rBV	71549	84617	2.55%	0.628%
16	21.146	2980	2988	2994	rBV7	24278	67107	2.02%	0.498%
17	21.986	3122	3131	3139	rBV	433206	775401	23.36%	5.758%
18	25.458	3710	3722	3735	rBV2	212853	687625	20.71%	5.106%

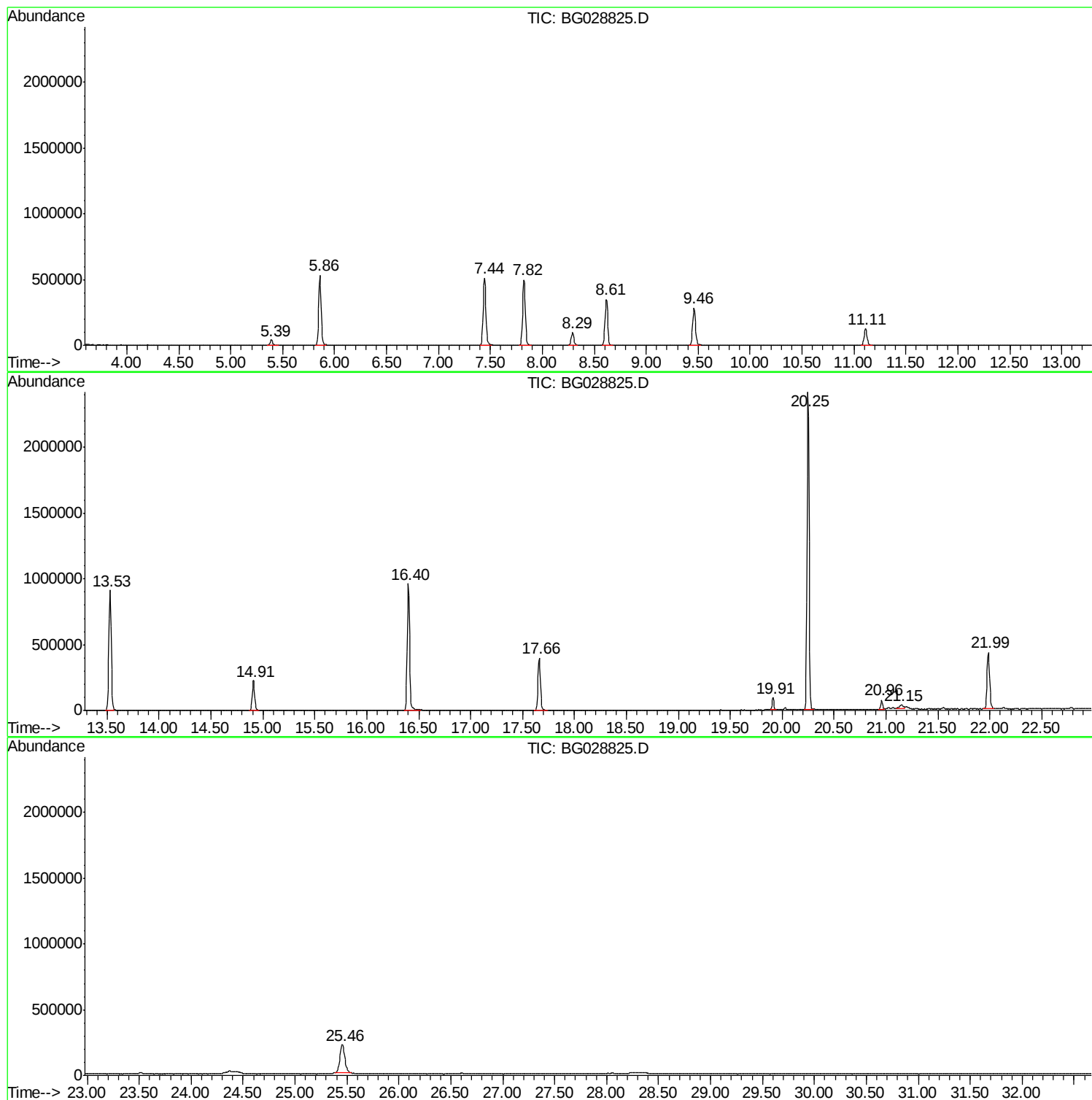
Sum of corrected areas: 13466652

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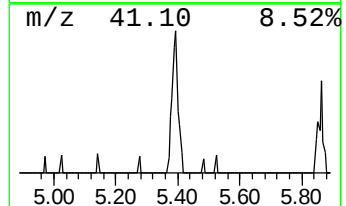
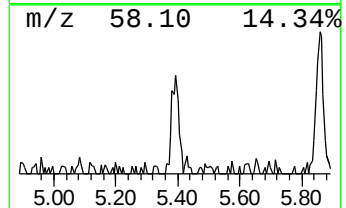
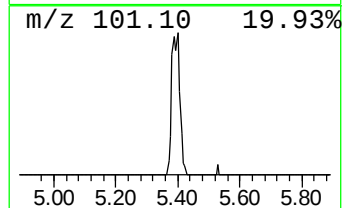
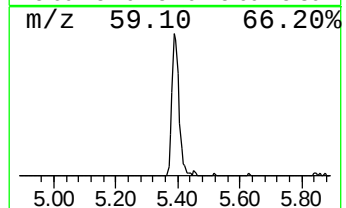
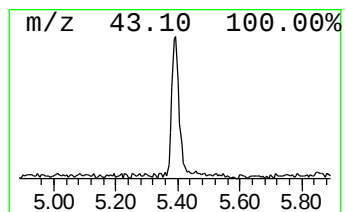
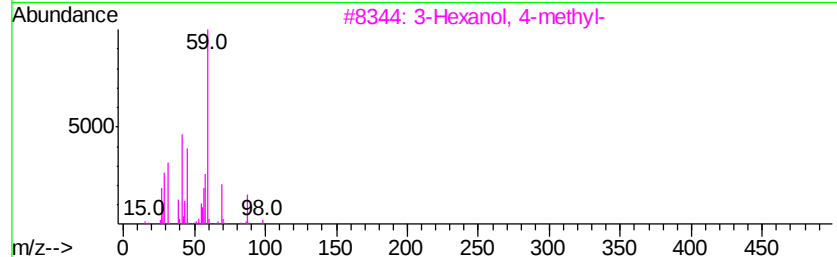
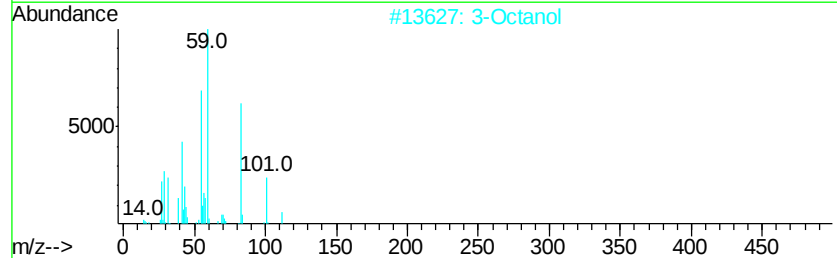
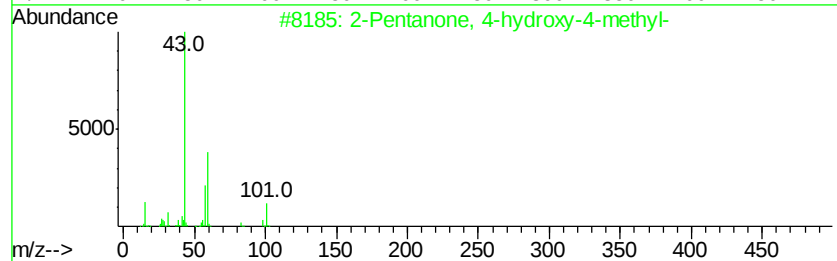
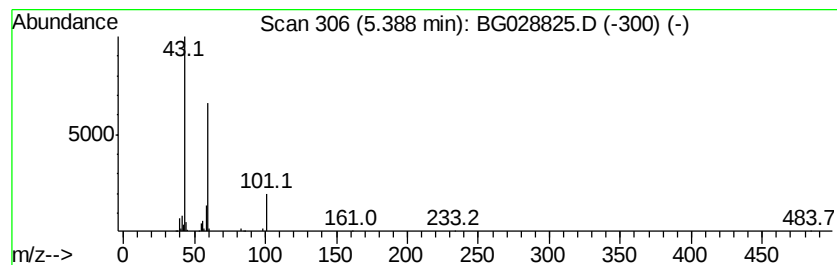
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	7.97 ng	66182	1,4-Dichlorobenzene-d4	8.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
2	3-Octanol	130	C8H18O	000589-98-0	36		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	32		
4	3-[2-Ethoxycarbonyl-2-methyl)pro...	290	C14H26O4S	021153-32-2	28		
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28		



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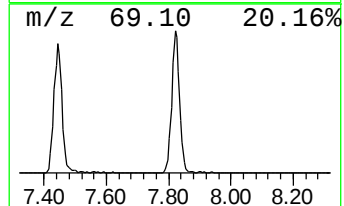
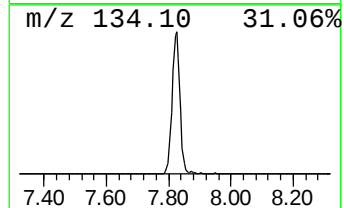
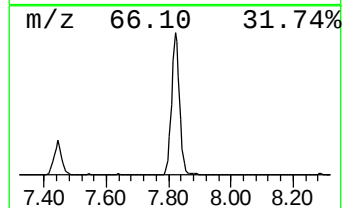
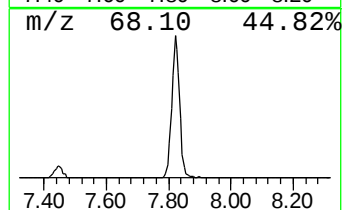
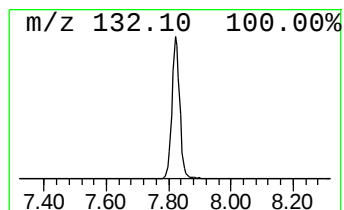
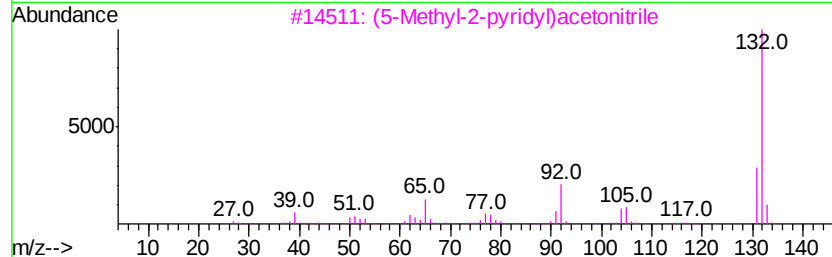
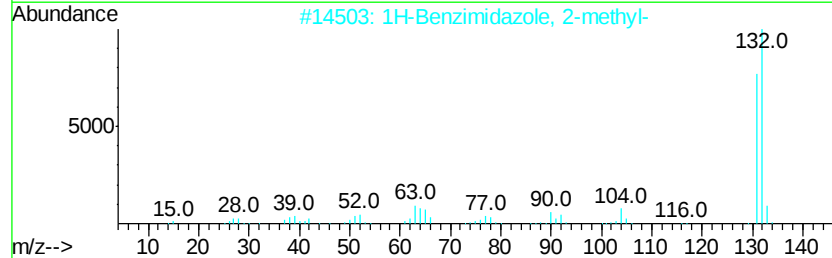
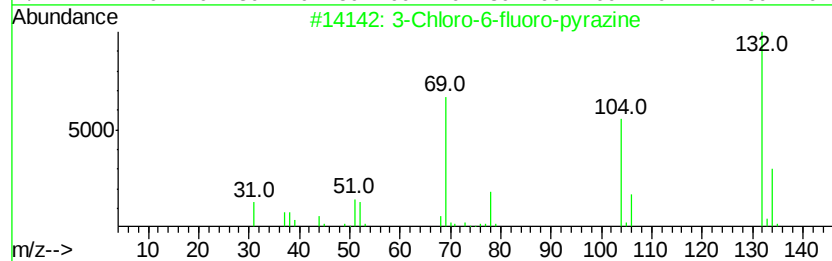
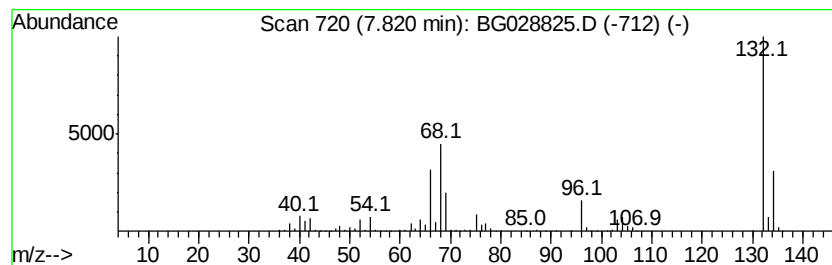
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Peak Number 2 unknown7.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	106.18 ng	882029	1,4-Dichlorobenzene-d4	8.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	(5-Methyl-2-pyridyl)acetonitrile			132	C8H8N2	1000241-93-9	22
4	Imidazole, 4,5-dicyano-1-methyl-			132	C6H4N4	019485-35-9	12
5	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12



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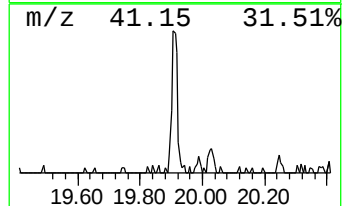
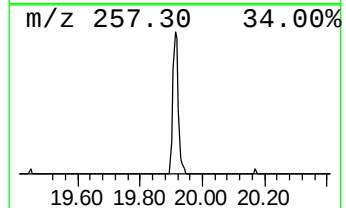
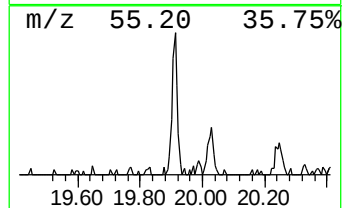
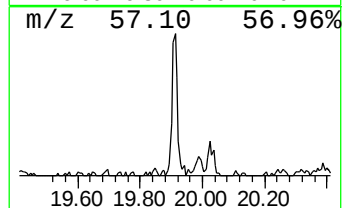
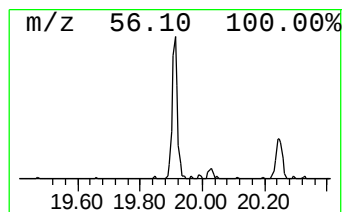
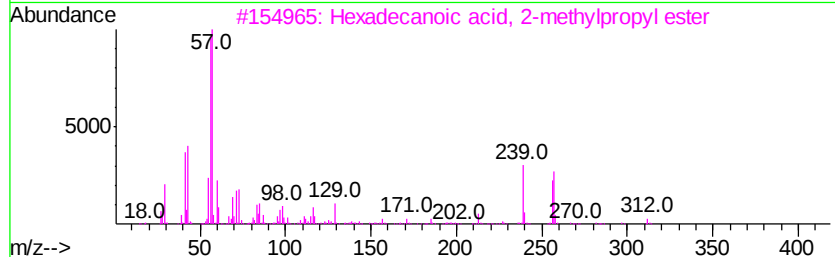
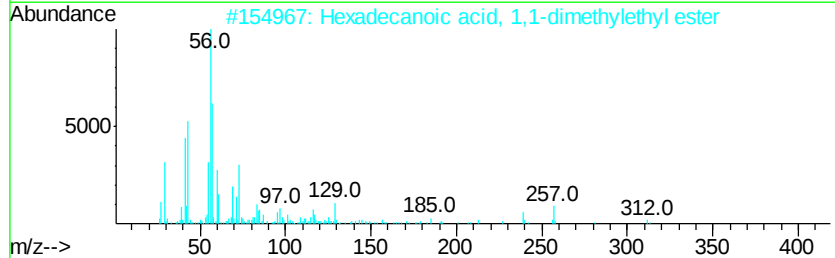
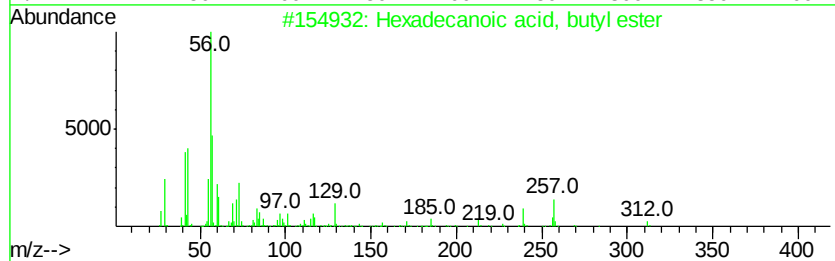
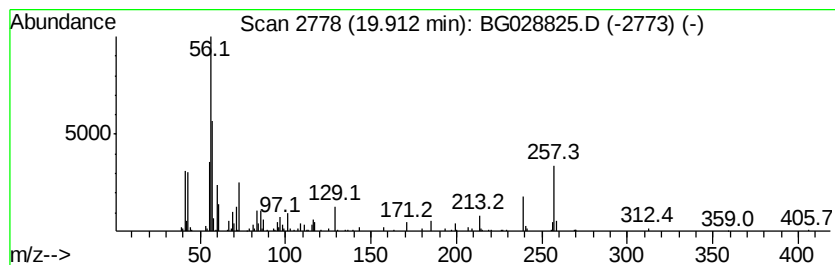
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Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.82 ng	109324	Chrysene-d12	21.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	55
4		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43



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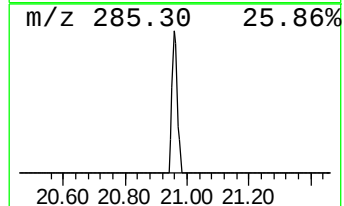
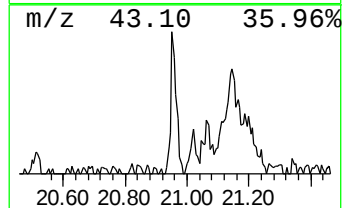
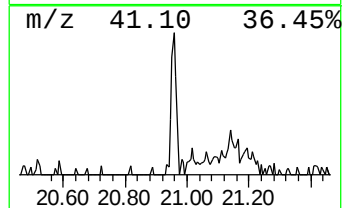
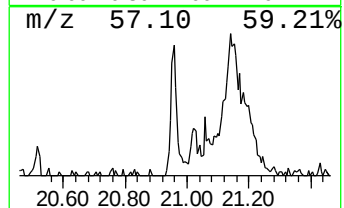
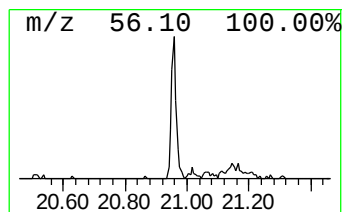
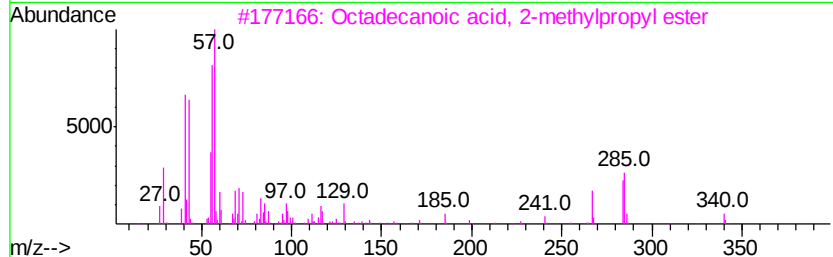
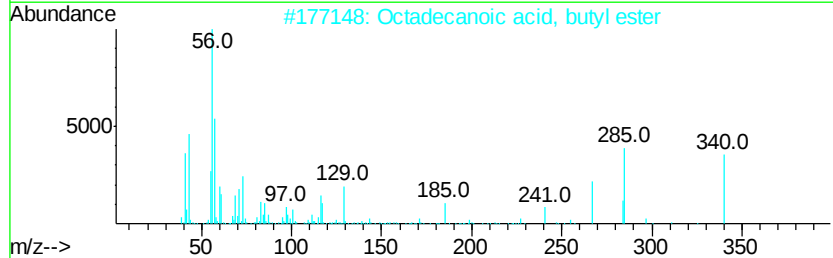
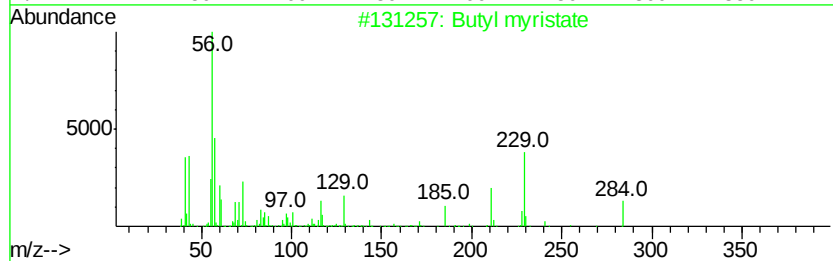
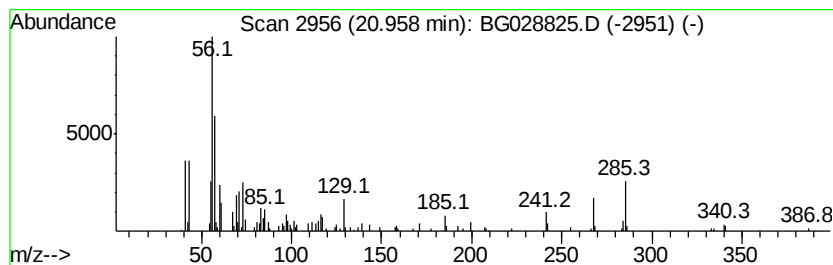
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Peak Number 5 Butyl myristate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.18 ng	84617	Chrysene-d12	21.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl myristate	284	C18H36O2	000110-36-1	58
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	46
4		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
5		Chloromethyl 2-chloroundecanoate	268	C12H22Cl2O2	080418-88-8	32



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.39	5.39	8.0	ng	66182	1	8.29	166140	20.0
unknown7.82	7.82	106.2	ng	882029	1	8.29	166140	20.0
Hexadecanoic acid...	19.91	2.8	ng	109324	5	21.99	775401	20.0
Butyl myristate	20.96	2.2	ng	84617	5	21.99	775401	20.0