

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024724.D
 Acq On : 7 Nov 2016 11:24
 Operator : UM/SJ
 Sample : H5524-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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	3.120	43	48	65	rVB	3852497	6105729	33.48%	2.355%
2	5.324	417	423	431	rBV	337501	580919	3.19%	0.224%
3	5.794	496	503	513	rBV	1598105	2659235	14.58%	1.026%
4	7.439	769	783	793	rBV2	4258392	10352807	56.77%	3.993%
5	7.674	816	823	833	rVV	1362035	2281311	12.51%	0.880%
6	7.797	835	844	845	rVV	1600777	2719966	14.91%	1.049%
7	7.827	845	849	860	rVB	2964286	5263418	28.86%	2.030%
8	8.150	893	904	914	rVB	2583458	4682024	25.67%	1.806%
9	8.297	916	929	939	rBV2	1769962	3691032	20.24%	1.424%
10	8.590	970	979	980	rBV	1277722	1853877	10.17%	0.715%
11	8.620	981	984	992	rVB	1900655	3210085	17.60%	1.238%
12	9.354	1099	1109	1116	rBV	718930	1297482	7.11%	0.500%
13	9.442	1116	1124	1127	rVV	1014339	1974946	10.83%	0.762%
14	9.483	1127	1131	1138	rVB	1615968	2808128	15.40%	1.083%
15	10.006	1211	1220	1228	rVB	4453465	8332853	45.69%	3.214%
16	10.729	1335	1343	1352	rBV	2371401	4324675	23.71%	1.668%
17	10.946	1373	1380	1389	rVB	2167669	3939352	21.60%	1.519%
18	11.093	1389	1405	1408	rBV	402193	839532	4.60%	0.324%
19	11.146	1408	1414	1422	rVB	2432276	4501854	24.68%	1.736%
20	11.411	1450	1459	1467	rBV	3155170	5572497	30.55%	2.149%
21	12.727	1673	1683	1692	rBV	2680093	4504800	24.70%	1.737%
22	13.502	1807	1815	1824	rVB	2914803	4592736	25.18%	1.771%
23	14.607	1995	2003	2010	rBV	3300355	5540851	30.38%	2.137%
24	14.877	2043	2049	2055	rBV	693189	1167359	6.40%	0.450%
25	14.948	2055	2061	2067	rVB	3149859	4945453	27.12%	1.907%
26	15.077	2074	2083	2094	rBV	1870446	3072099	16.84%	1.185%
27	15.911	2216	2225	2234	rBV3	9867374	18052566	98.99%	6.963%
28	16.364	2293	2302	2312	rBV	2768131	4359526	23.90%	1.681%
29	16.922	2390	2397	2406	rVB	1991073	3079908	16.89%	1.188%
30	17.621	2510	2516	2519	rBV	938763	1546323	8.48%	0.596%
31	17.668	2519	2524	2531	rVV	7137686	12068220	66.17%	4.655%
32	17.762	2532	2540	2551	rVB	5449051	9050820	49.63%	3.491%
33	19.666	2856	2864	2870	rBV	7115320	11104313	60.89%	4.283%
34	20.024	2914	2925	2934	rVB	5307041	8365661	45.87%	3.227%

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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

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35	20.200	2949	2955	2963	rBV	6299746	8613636	47.23%	3.322%
36	21.493	3170	3175	3186	rBV	305004	483746	2.65%	0.187%
37	21.763	3213	3221	3228	rBV	12069976	18237621	100.00%	7.034%
38	21.898	3236	3244	3251	rBV2	2327250	5936357	32.55%	2.290%
39	21.969	3251	3256	3264	rVB	3623626	6322633	34.67%	2.439%
40	22.697	3375	3380	3384	rBV2	112068	200264	1.10%	0.077%
41	23.038	3429	3438	3448	rVB	8670589	16942701	92.90%	6.535%
42	24.254	3634	3645	3657	rVB	2963005	8291598	45.46%	3.198%
43	25.353	3812	3832	3847	rVB2	753958	2494501	13.68%	0.962%
44	26.481	4017	4024	4036	rVB4	168682	486898	2.67%	0.188%
45	29.378	4483	4517	4535	rBV3	2519969	17564723	96.31%	6.775%
46	30.535	4695	4714	4733	rVB2	991184	5258228	28.83%	2.028%

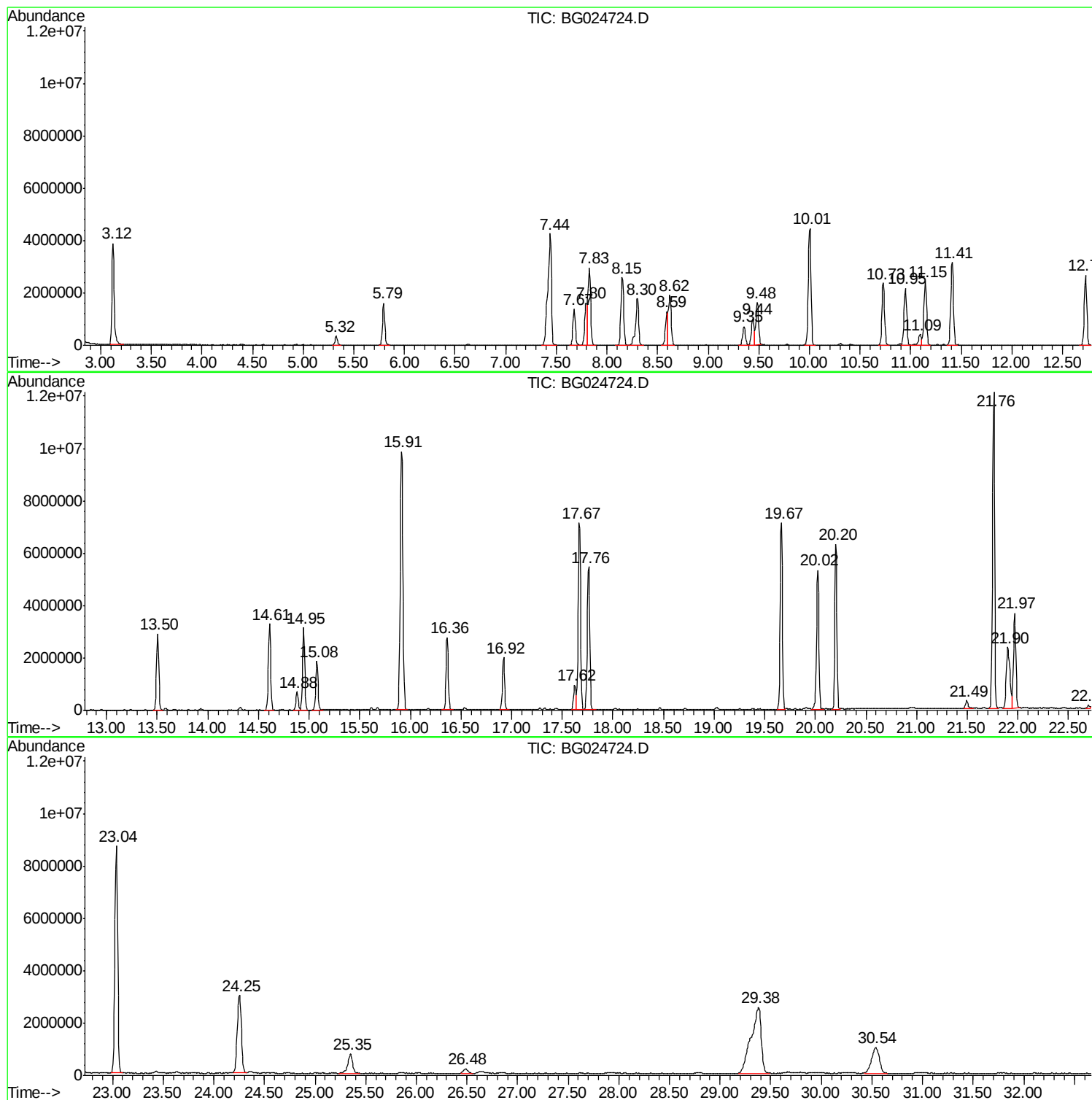
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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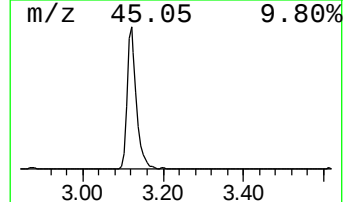
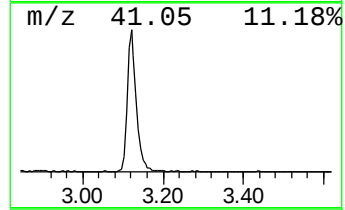
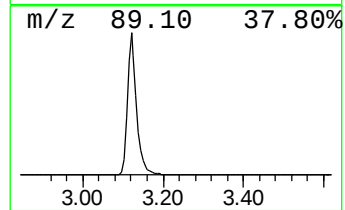
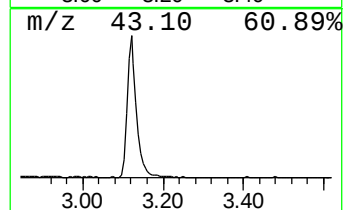
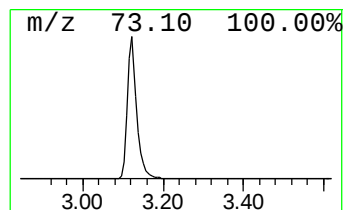
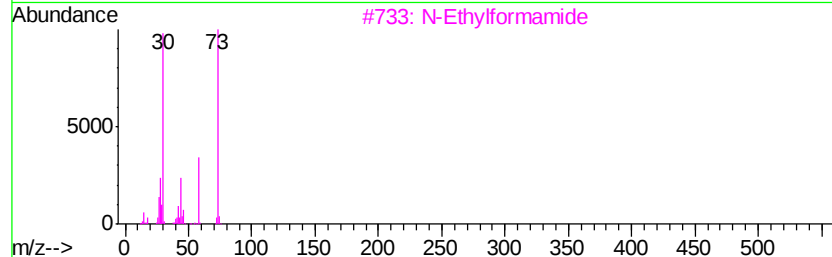
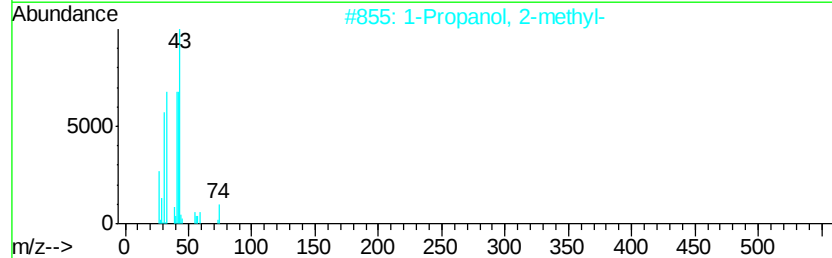
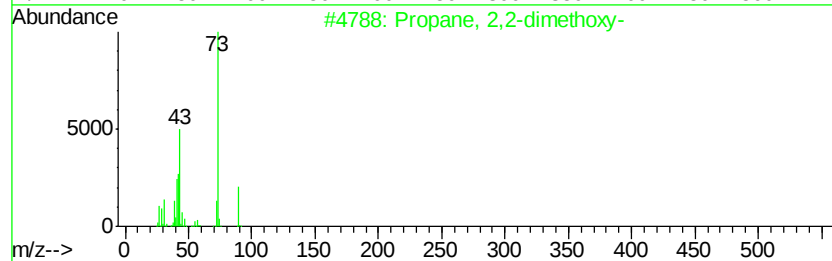
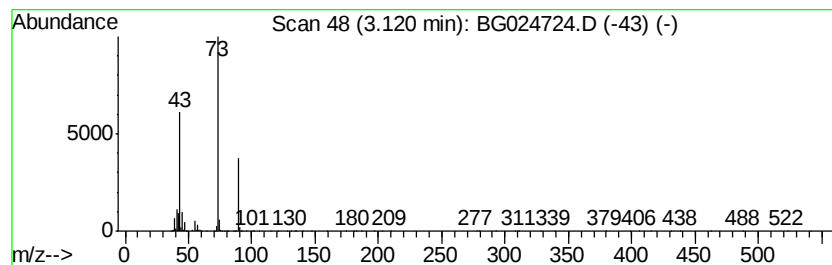
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	33.08 ng	6105730	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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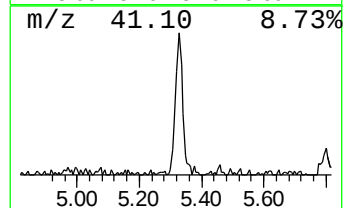
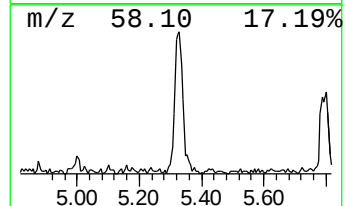
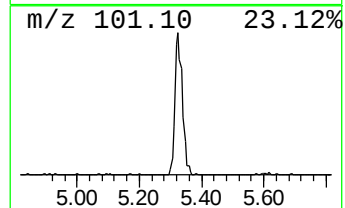
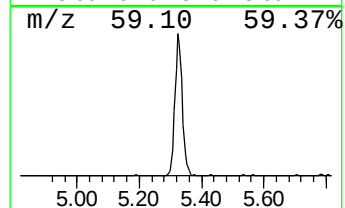
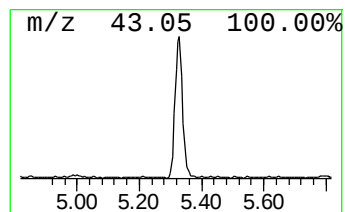
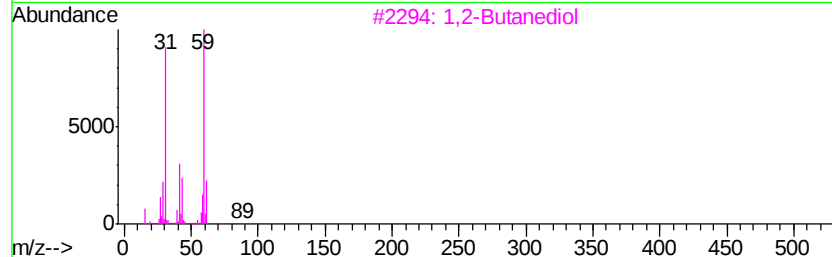
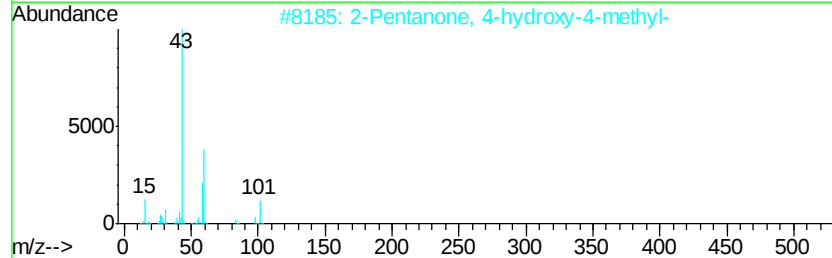
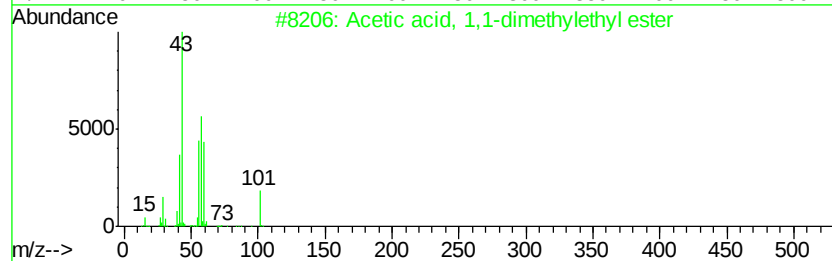
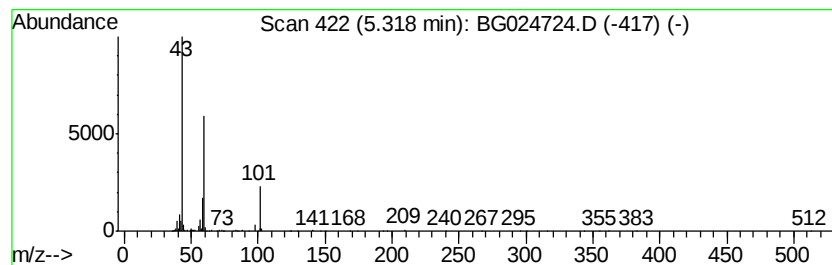
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Peak Number 2 unknown5.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	3.15 ng	580919	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3			1,2-Butanediol	90	C4H10O2	000584-03-2	32
4			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5			4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	17



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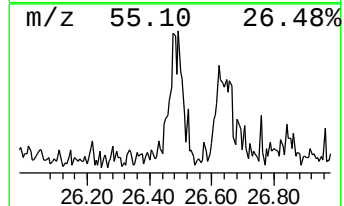
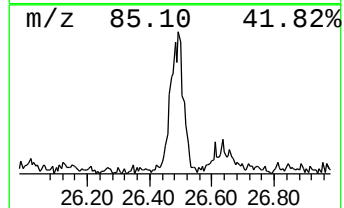
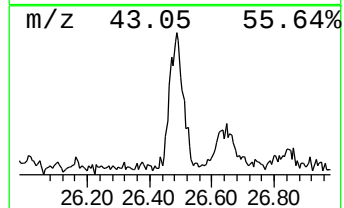
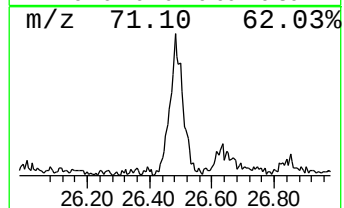
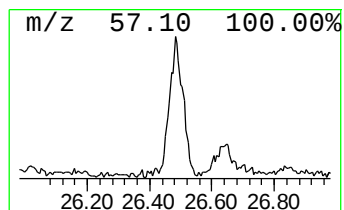
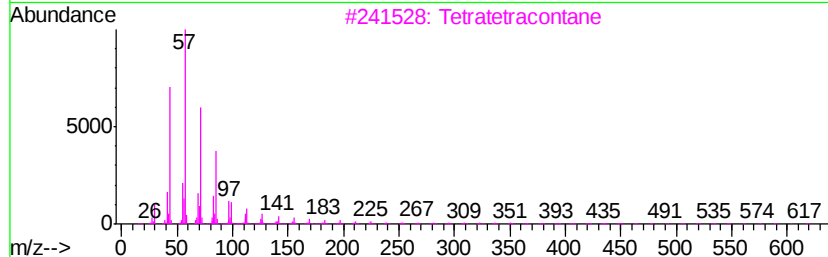
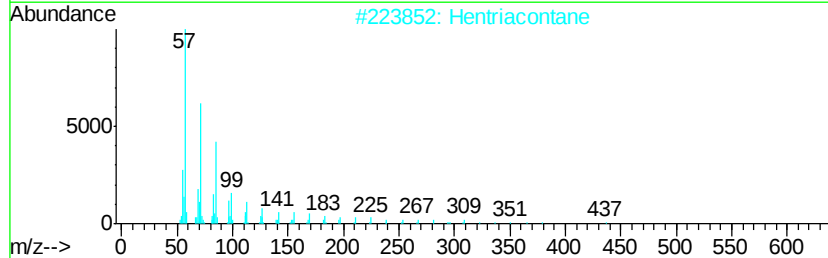
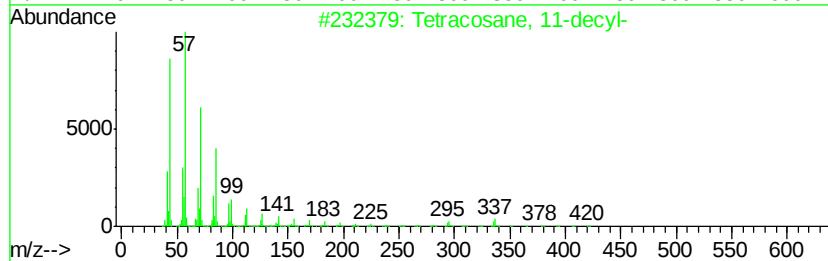
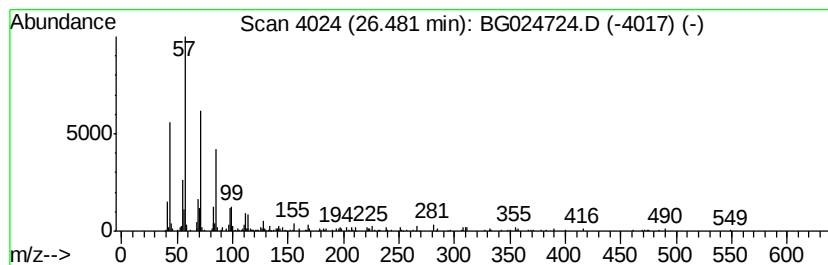
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Peak Number 3 Tetracosane, 11-decyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.48	3.90 ng	486898	Perylene-d12	25.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane, 11-decyl-	479 C34H70	055429-84-0 87
2		Hentriacontane	437 C31H64	000630-04-6 86
3		Tetratetracontane	619 C44H90	007098-22-8 86
4		Octacosane	394 C28H58	000630-02-4 83
5		Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3 80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	3.12	33.1	ng	6105730	1	8.27	3691030	20.0
unknown5.32	5.32	3.1	ng	580919	1	8.27	3691030	20.0
Tetracosane, 11-d...	26.48	3.9	ng	486898	6	25.35	2494500	20.0