

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044382.D
 Acq On : 11 Feb 2020 9:46
 Operator : CG/JU
 Sample : L1470-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-1-(BASE-WATER)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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	5.004	321	326	338	rVB2	44482	73134	1.33%	0.299%
2	5.480	401	407	420	rBV	646713	1072956	19.52%	4.389%
3	7.072	671	678	698	rBV	407542	732582	13.33%	2.997%
4	7.900	813	819	828	rBV	261611	449738	8.18%	1.840%
5	8.224	867	874	886	rBV	1018180	1813747	33.00%	7.419%
6	9.058	1008	1016	1036	rBV	804703	1471244	26.77%	6.018%
7	10.703	1288	1296	1312	rBV	339205	640111	11.65%	2.618%
8	13.165	1708	1715	1732	rBV	2202947	3551434	64.62%	14.528%
9	13.993	1850	1856	1868	rVB	70199	113275	2.06%	0.463%
10	14.540	1940	1949	1964	rBV	614207	948312	17.26%	3.879%
11	16.032	2196	2203	2221	rBV	1863121	2898660	52.75%	11.858%
12	17.284	2409	2416	2430	rBV	791957	1207165	21.97%	4.938%
13	19.904	2855	2862	2872	rBV	4142027	5495544	100.00%	22.481%
14	21.202	3077	3083	3092	rBV2	109663	202417	3.68%	0.828%
15	21.532	3132	3139	3155	rBV	820676	1354448	24.65%	5.541%
16	21.737	3169	3174	3180	rBV	51164	72666	1.32%	0.297%
17	22.325	3268	3274	3282	rBV	77607	133305	2.43%	0.545%
18	22.989	3381	3387	3393	rBV	96341	170113	3.10%	0.696%
19	23.758	3511	3518	3527	rBV2	95945	203996	3.71%	0.834%
20	24.616	3653	3664	3686	rBV2	481493	1567291	28.52%	6.411%
21	25.744	3847	3856	3867	rVB4	58908	172272	3.13%	0.705%
22	27.031	4066	4075	4087	rBV4	29867	101311	1.84%	0.414%

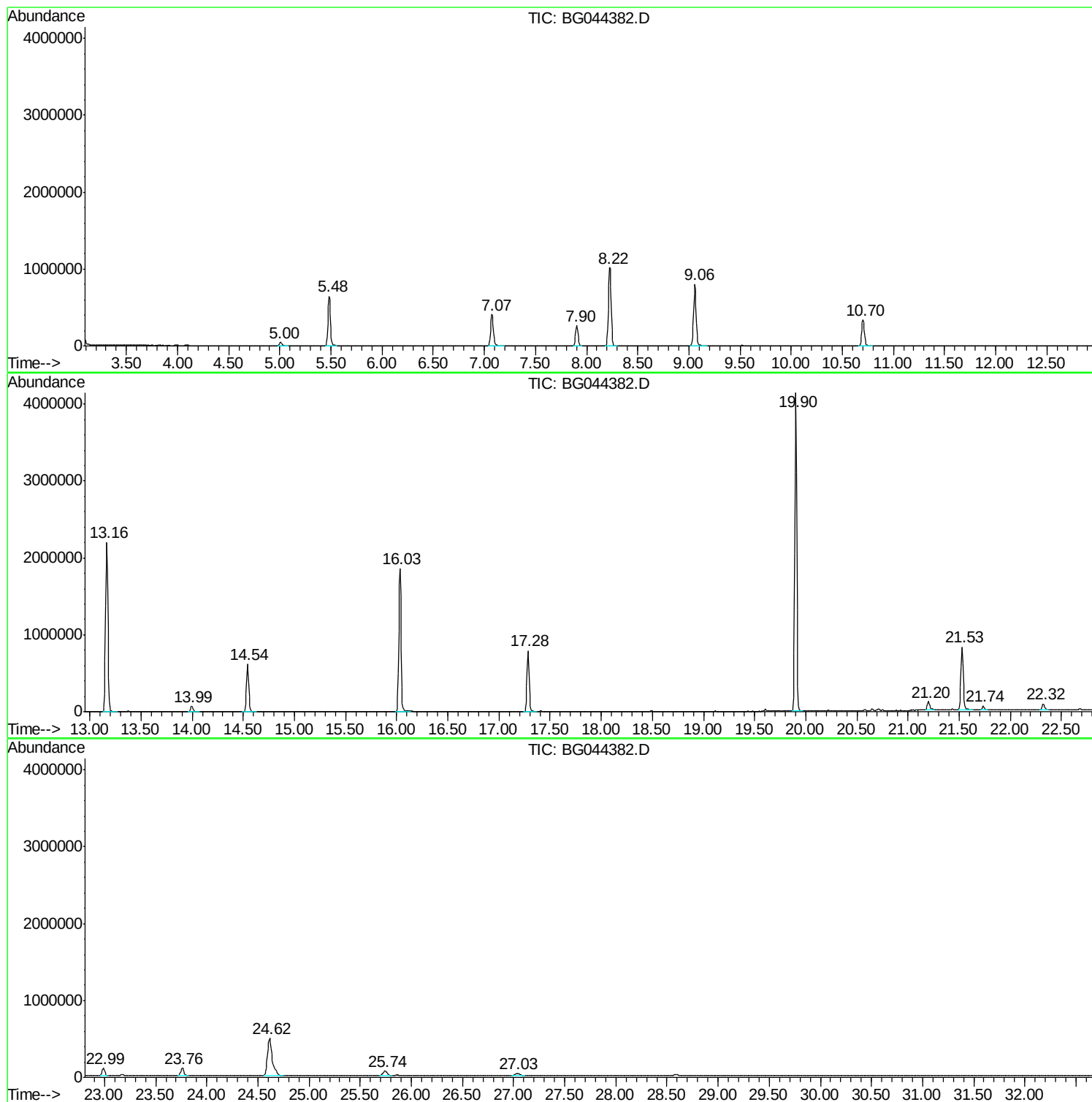
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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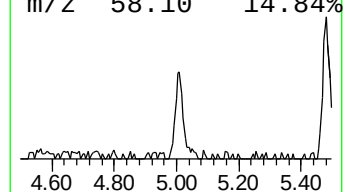
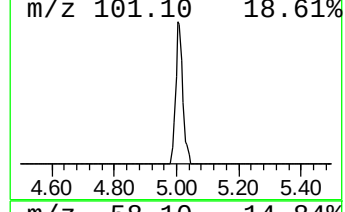
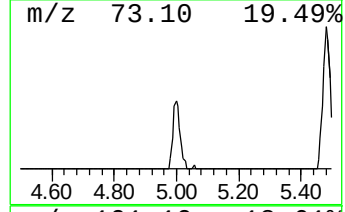
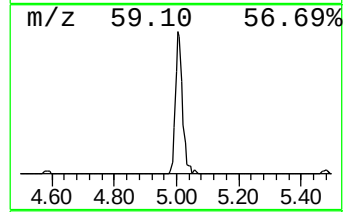
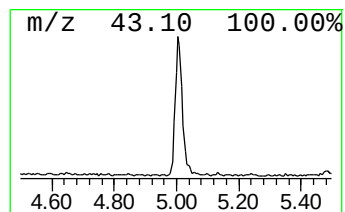
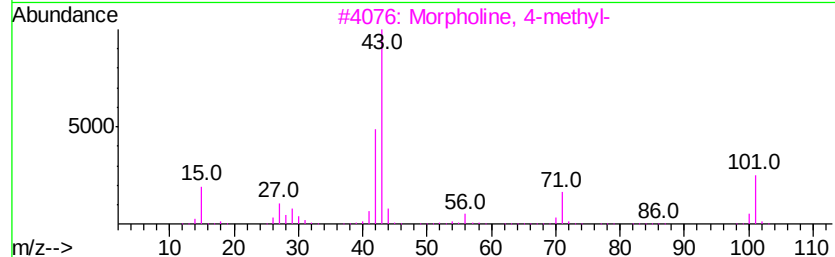
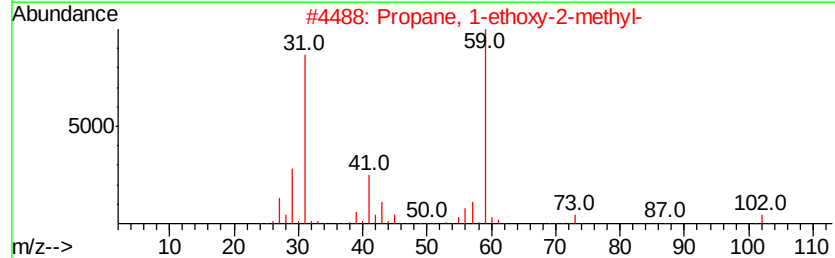
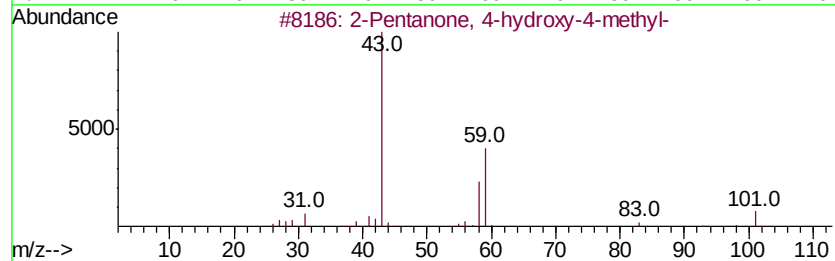
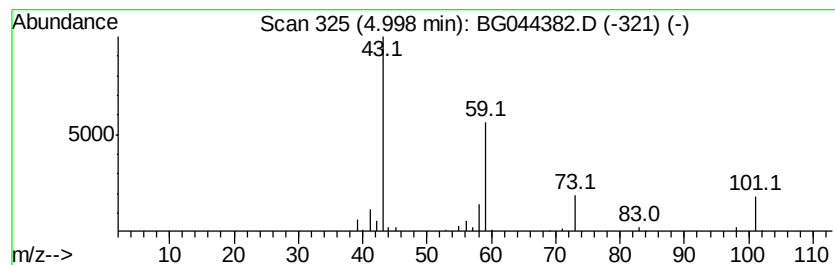
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TIC Library : C:\Database\NIST11.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.25 ng	73134	1,4-Dichlorobenzene-d4	7.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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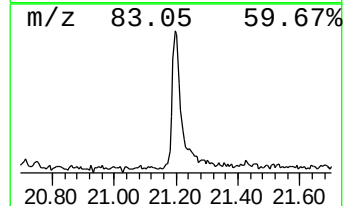
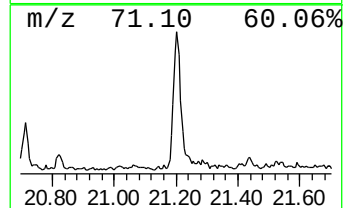
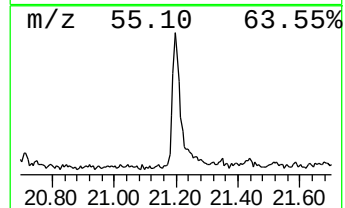
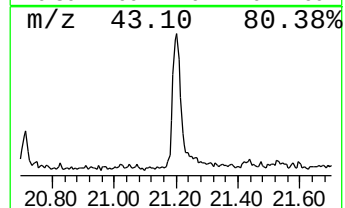
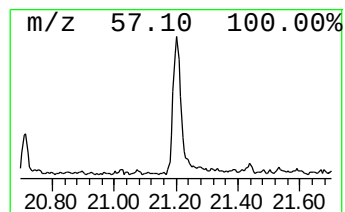
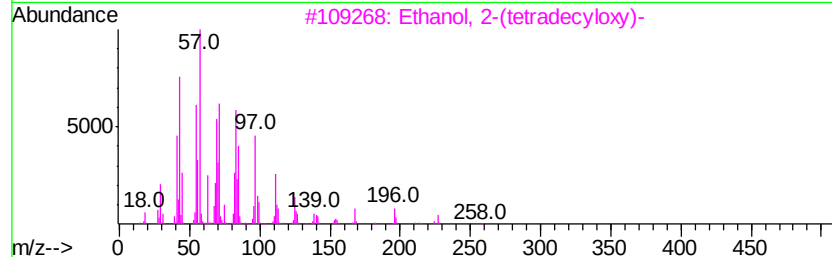
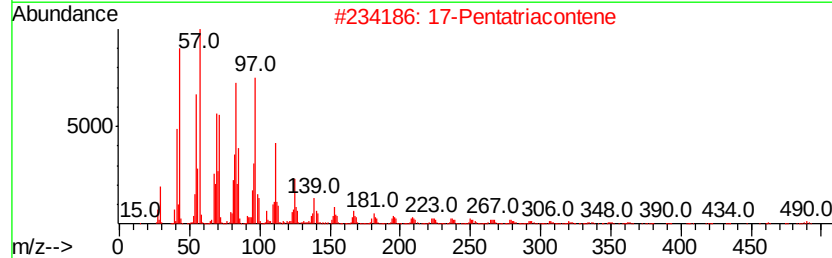
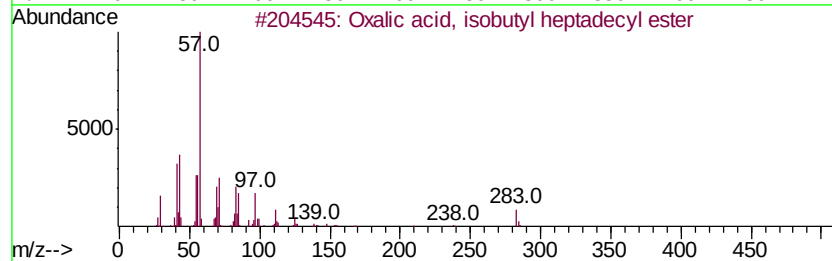
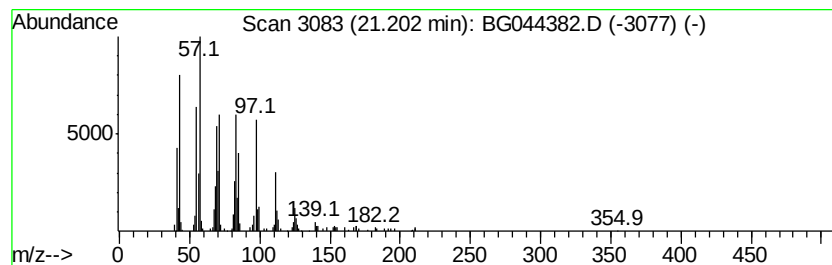
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Peak Number 3 Oxalic acid, isobutyl hepta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	2.99 ng	202417	Chrysene-d12	21.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
5		1-Hentetracontanol	593	C41H84O	040710-42-7	87



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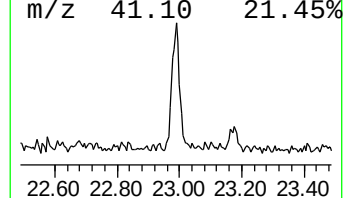
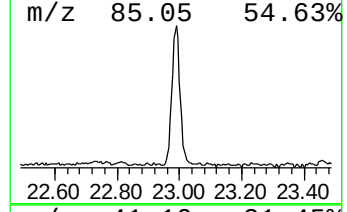
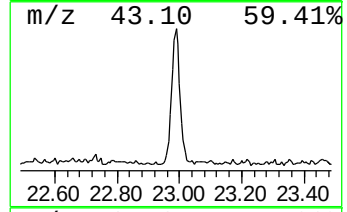
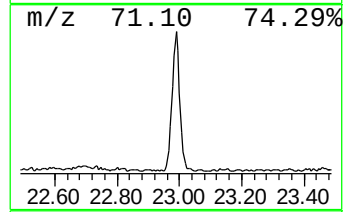
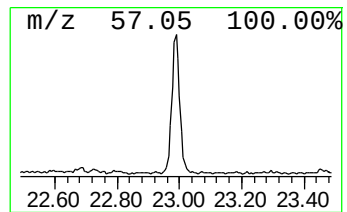
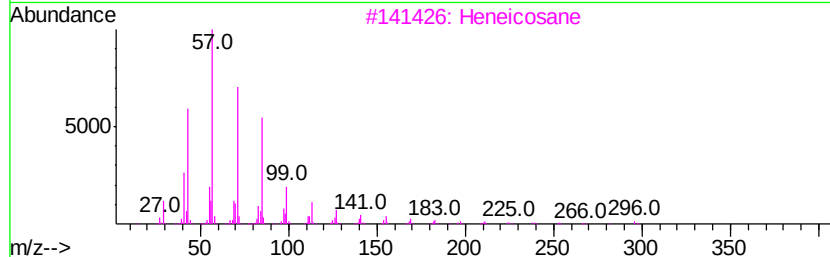
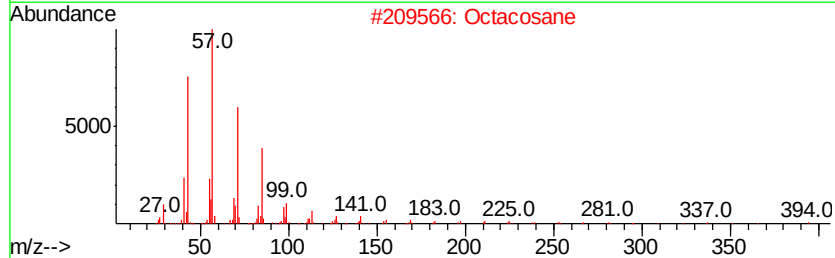
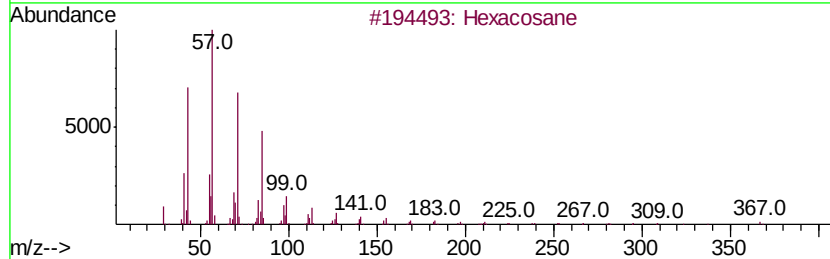
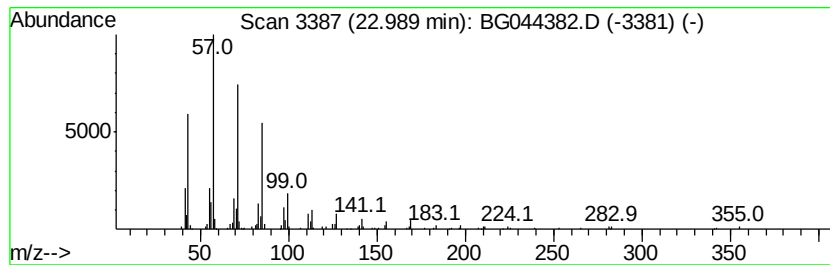
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Peak Number 4 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.99	2.51 ng	170113	Chrysene-d12	21.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	91



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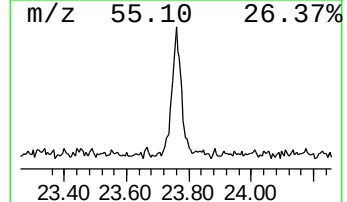
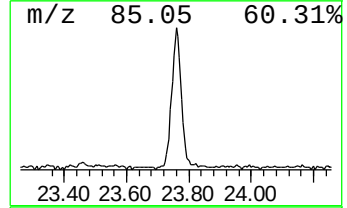
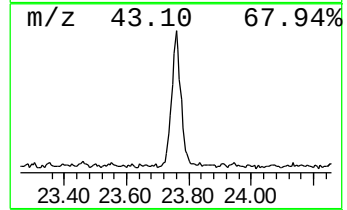
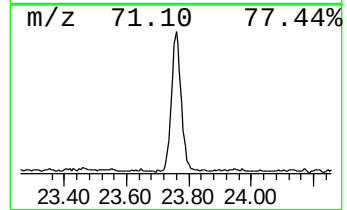
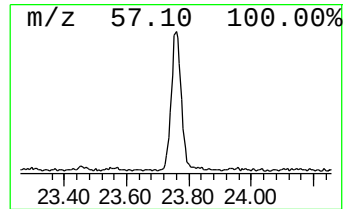
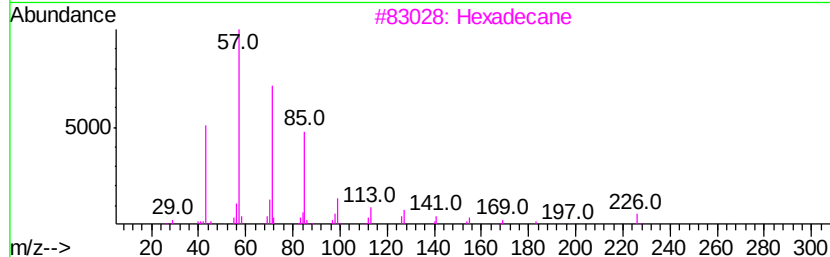
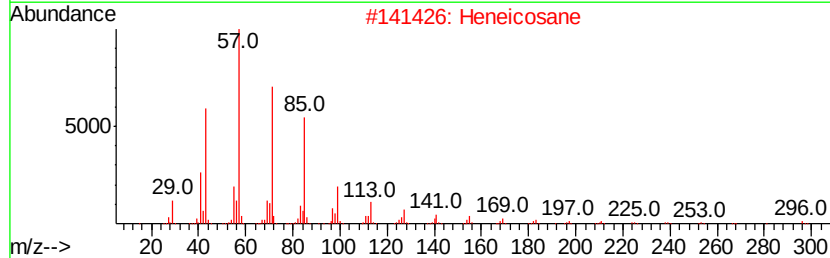
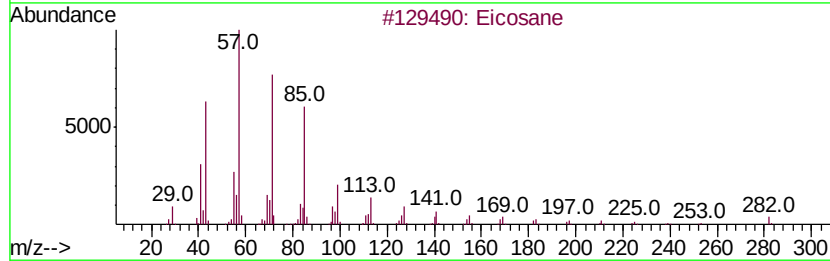
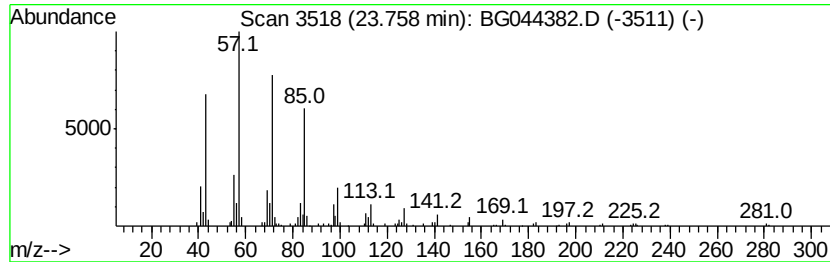
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Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.60 ng	203996	Perylene-d12	24.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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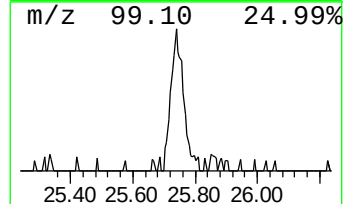
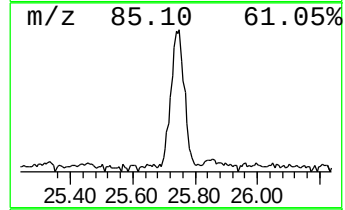
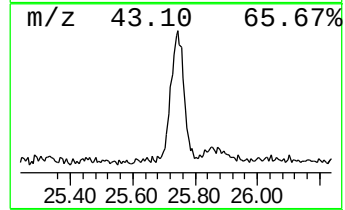
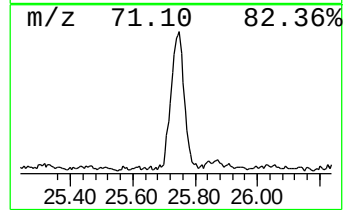
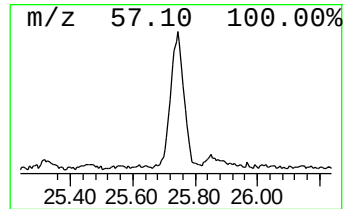
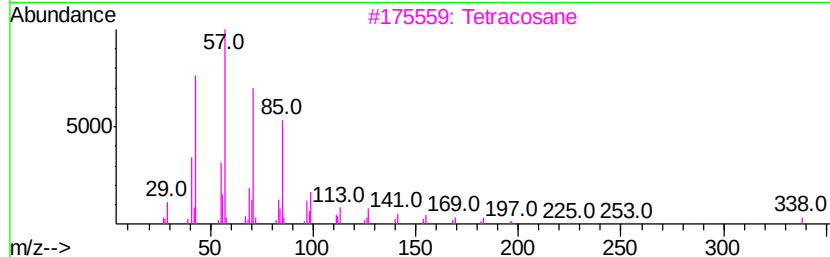
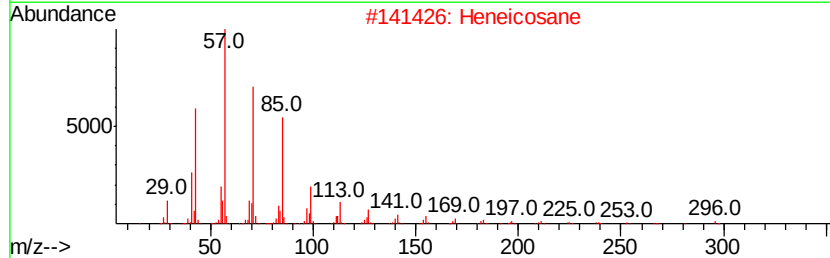
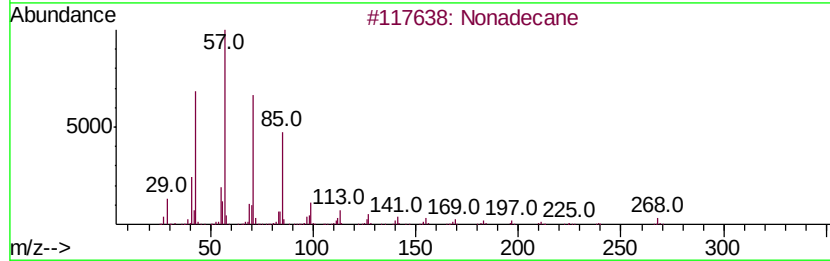
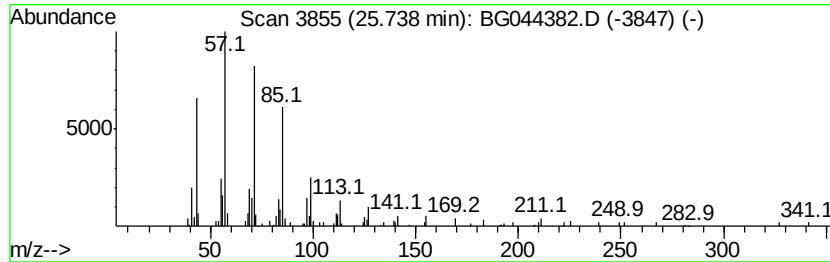
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Peak Number 6 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.20 ng	172272	Perylene-d12	24.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heptacosane		380	C27H56	000593-49-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.3	ng	73134	1	7.90	449738	20.0
Oxalic acid, isob...	21.20	3.0	ng	202417	5	21.53	1354450	20.0
Hexacosane	22.99	2.5	ng	170113	5	21.53	1354450	20.0
Eicosane	23.76	2.6	ng	203996	6	24.62	1567290	20.0
Nonadecane	25.74	2.2	ng	172272	6	24.62	1567290	20.0