

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044500.D
 Acq On : 19 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1558-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0109-SITE-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	5.468	397	405	420	rBV	486986	849449	21.34%	4.443%
2	7.066	668	677	691	rBV	320687	581209	14.60%	3.040%
3	7.888	810	817	825	rBV	196510	342123	8.60%	1.789%
4	8.211	864	872	883	rBV	809780	1406892	35.35%	7.359%
5	9.046	1006	1014	1028	rBV	582624	1093080	27.46%	5.717%
6	10.691	1286	1294	1308	rBV	244115	456218	11.46%	2.386%
7	13.153	1705	1713	1733	rBV	1590866	2541136	63.84%	13.291%
8	14.527	1937	1947	1960	rBV	401741	661867	16.63%	3.462%
9	16.020	2194	2201	2237	rBV	1206479	2256905	56.70%	11.804%
10	17.271	2408	2414	2427	rBV	531350	851617	21.40%	4.454%
11	19.892	2854	2860	2872	rBV	2981515	3980381	100.00%	20.819%
12	21.190	3076	3081	3089	rBV3	120445	224679	5.64%	1.175%
13	21.261	3090	3093	3102	rVB	29502	56211	1.41%	0.294%
14	21.519	3130	3137	3146	rBV	602398	1001311	25.16%	5.237%
15	21.719	3167	3171	3177	rVB	99254	141969	3.57%	0.743%
16	22.307	3265	3271	3281	rBV	135813	221897	5.57%	1.161%
17	22.971	3376	3384	3393	rBV3	192521	504914	12.69%	2.641%
18	23.147	3410	3414	3422	rVB	50856	101205	2.54%	0.529%
19	23.734	3508	3514	3523	rVB	137102	298027	7.49%	1.559%
20	24.598	3651	3661	3678	rBV3	379753	1320316	33.17%	6.906%
21	25.714	3843	3851	3865	rVB2	77270	227715	5.72%	1.191%

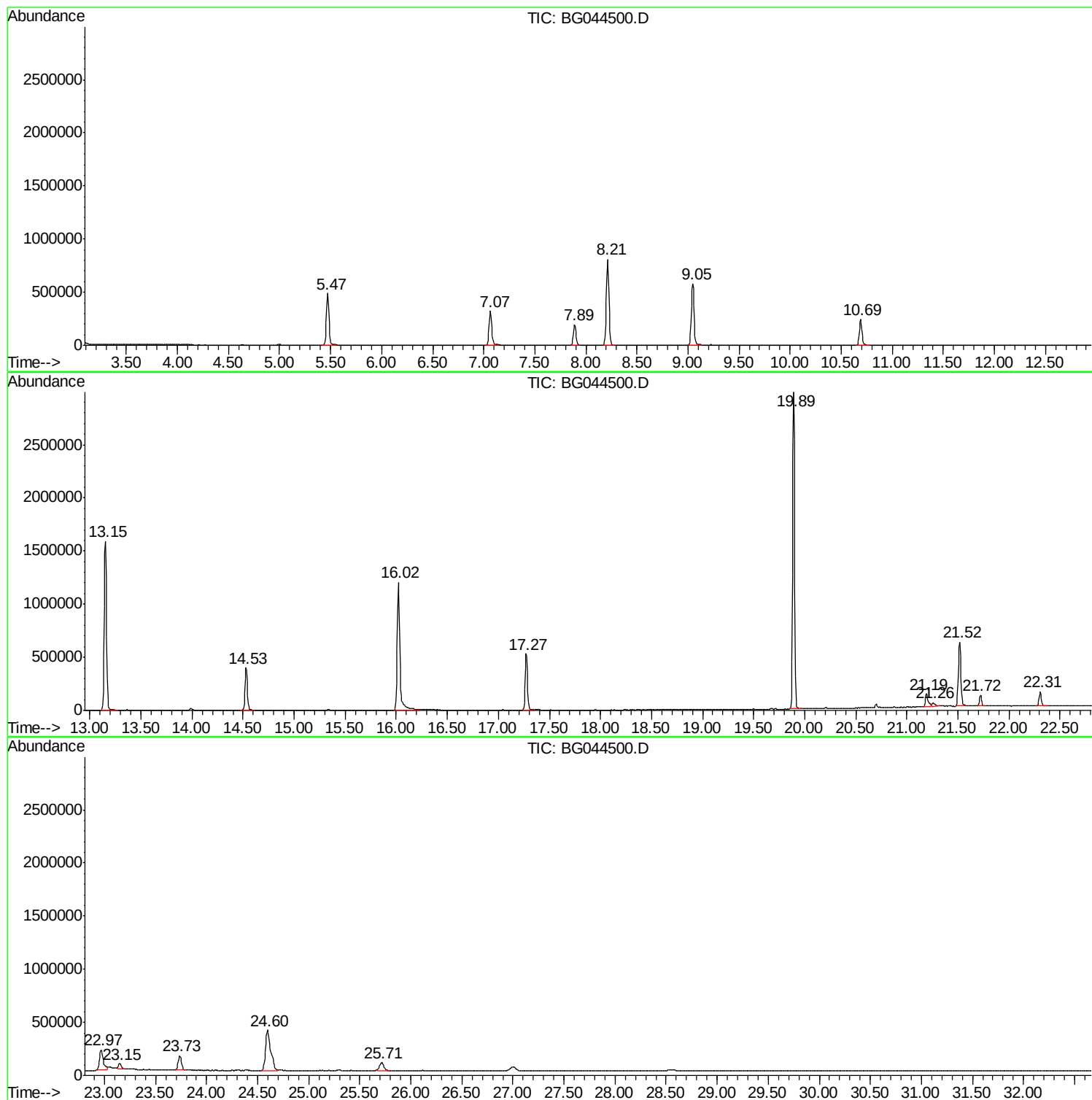
Sum of corrected areas: 19119121

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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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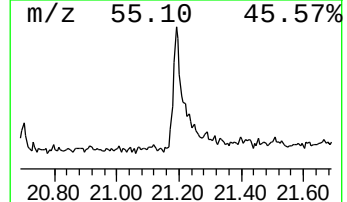
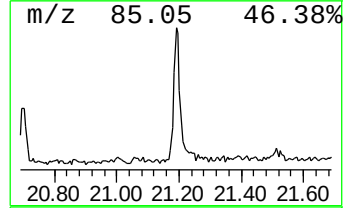
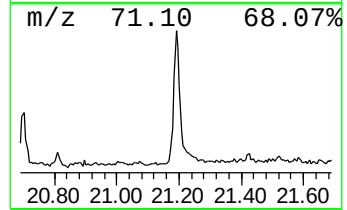
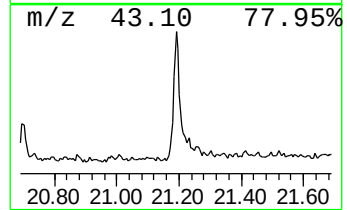
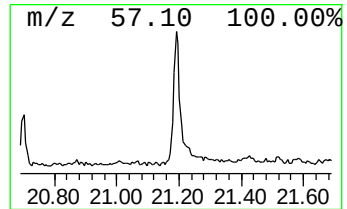
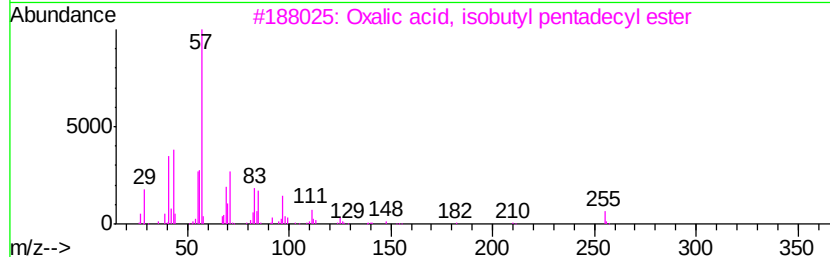
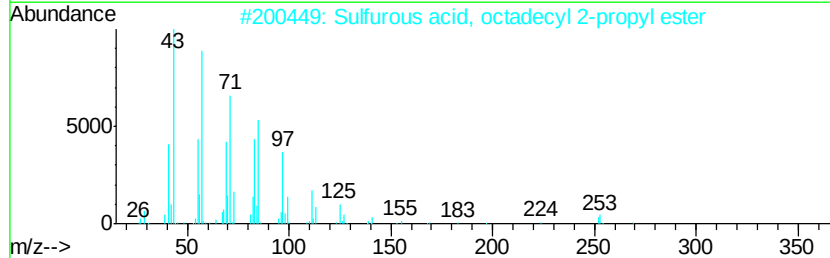
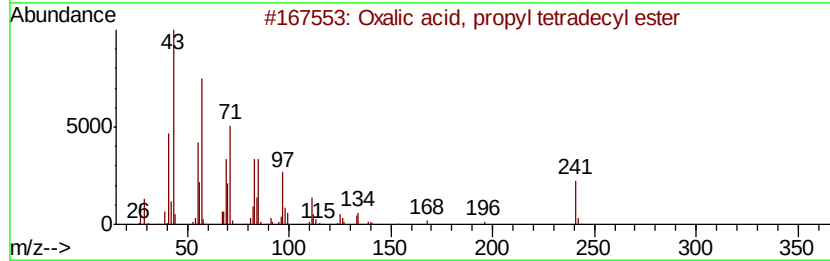
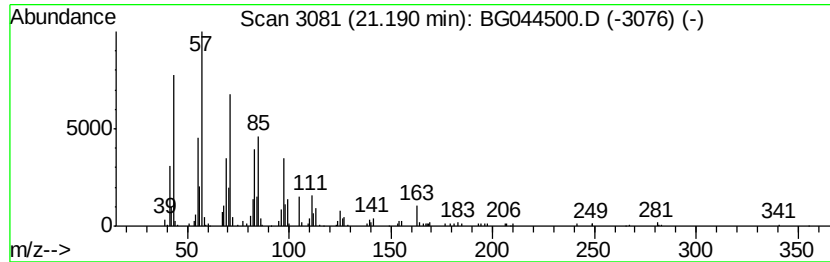
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxalic acid, propyl tetradecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	4.49 ng	224679	Chrysene-d12	21.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	90
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
5		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	74



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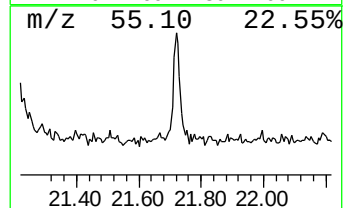
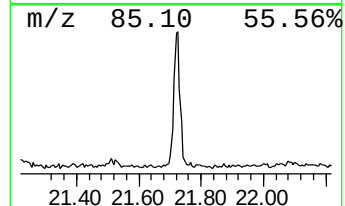
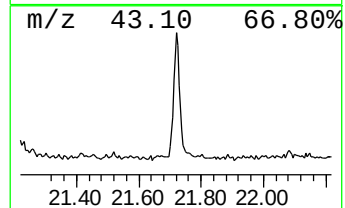
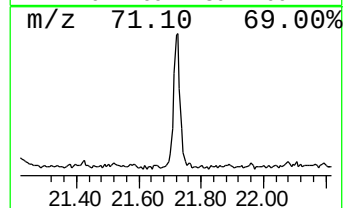
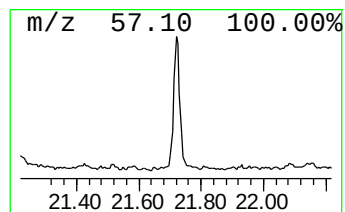
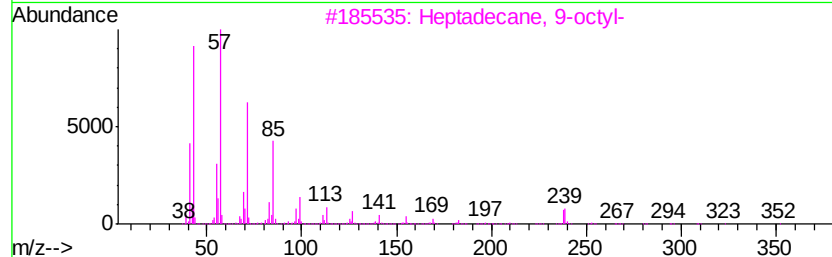
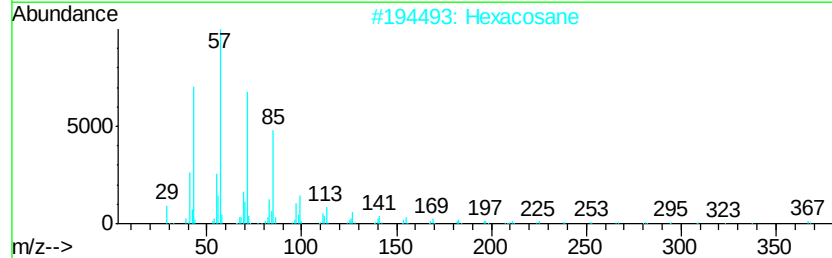
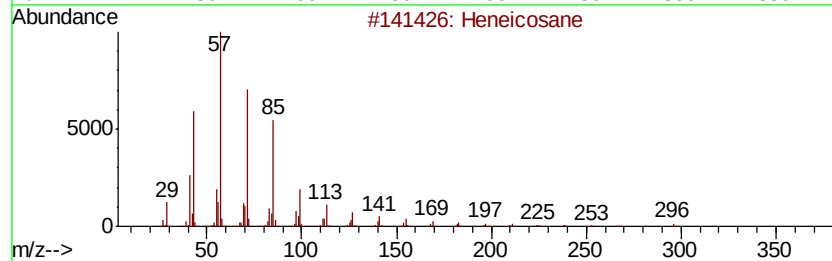
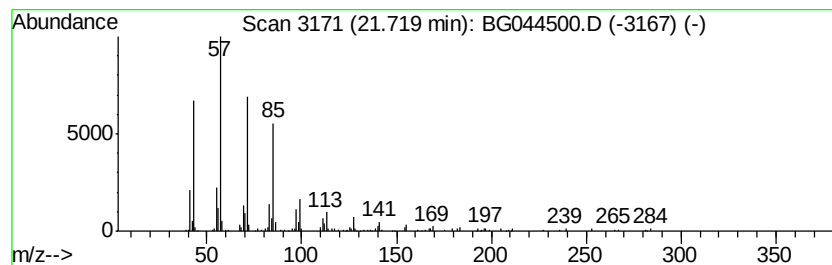
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Peak Number 3 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.84 ng	141969	Chrysene-d12	21.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Eicosane		282	C20H42	000112-95-8	90



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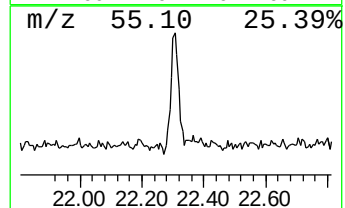
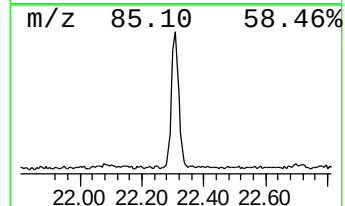
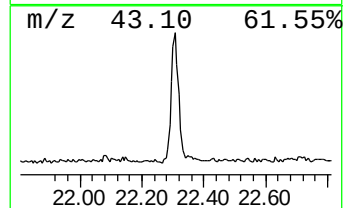
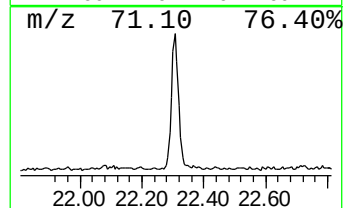
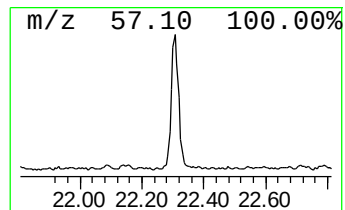
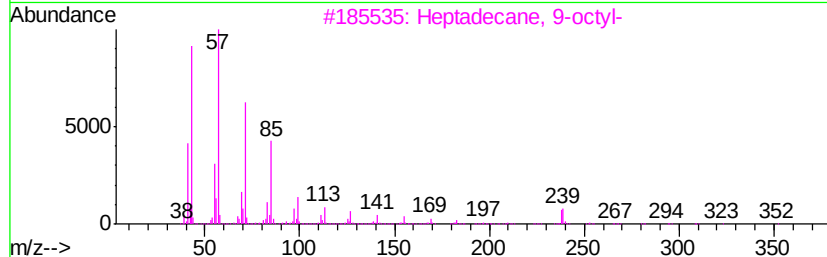
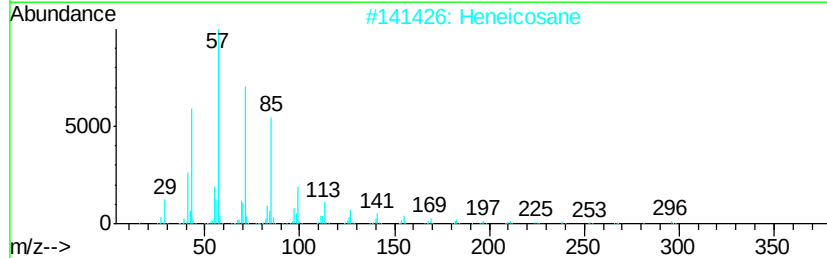
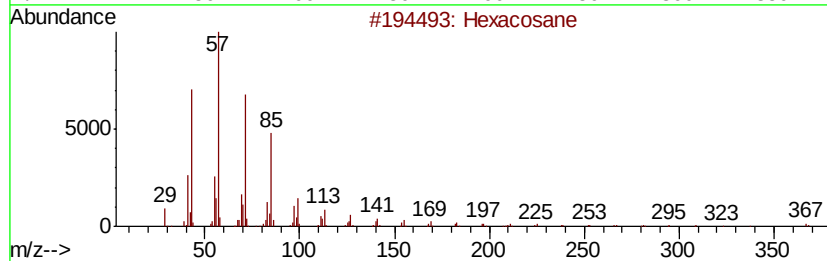
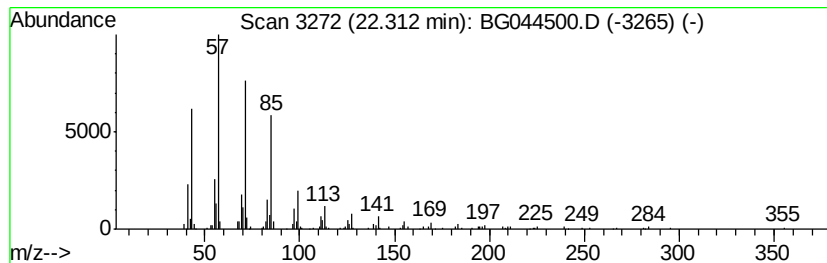
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Peak Number 4 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	4.43 ng	221897	Chrysene-d12	21.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



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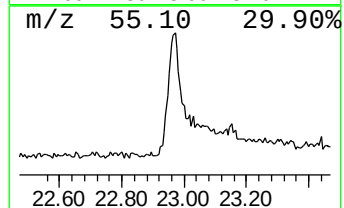
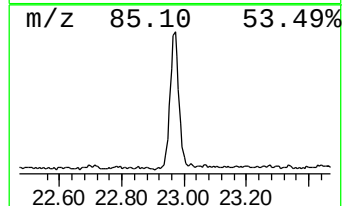
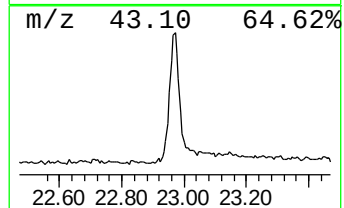
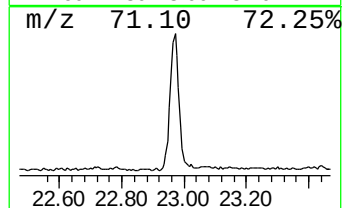
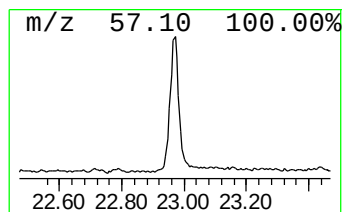
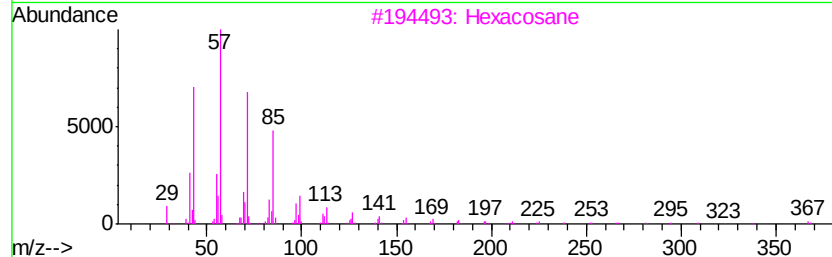
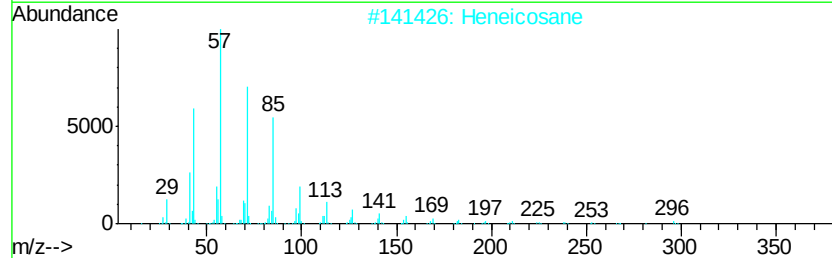
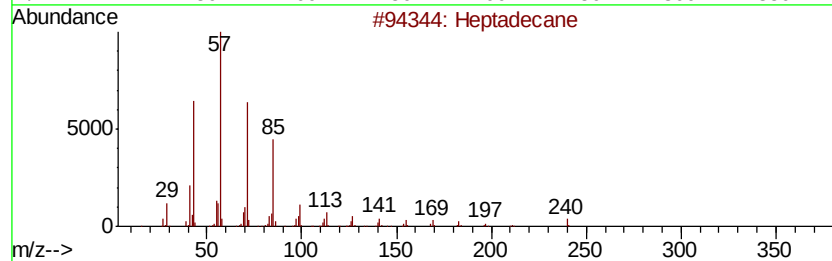
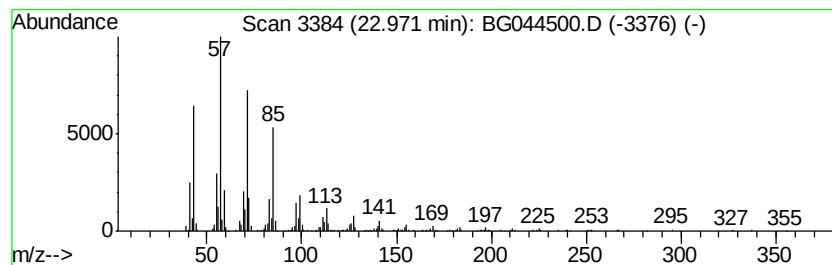
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Peak Number 5 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	10.09 ng	504914	Chrysene-d12	21.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Heneicosane		296	C21H44	000629-94-7	81
3	Hexacosane		366	C26H54	000630-01-3	81
4	Tetratetracontane		619	C44H90	007098-22-8	81
5	2-methyloctacosane		408	C29H60	1000376-72-8	74



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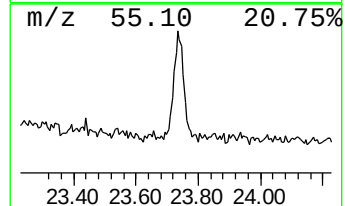
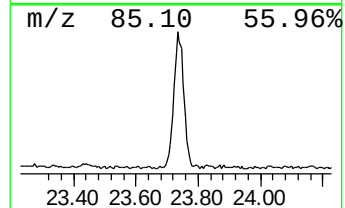
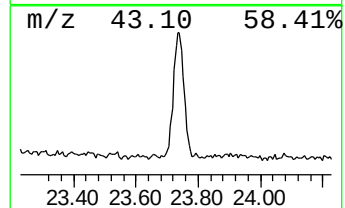
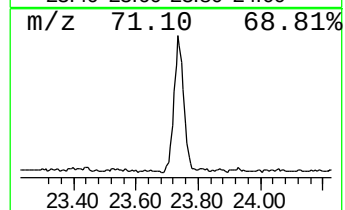
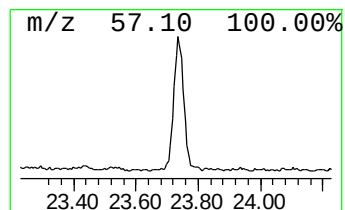
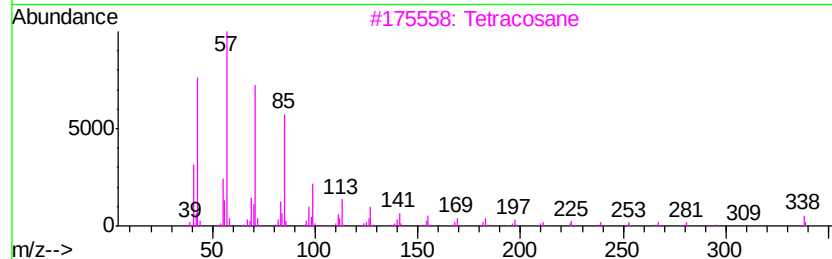
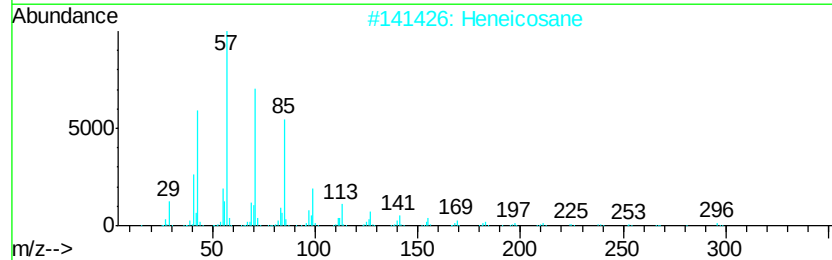
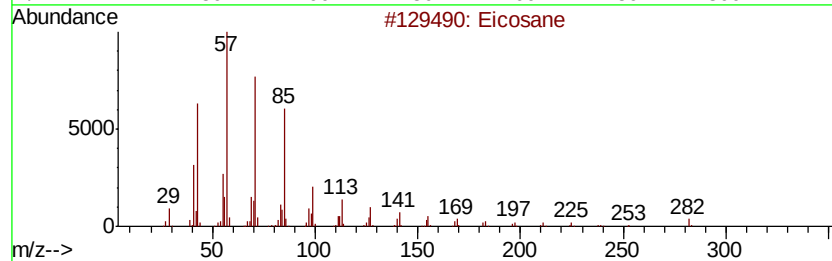
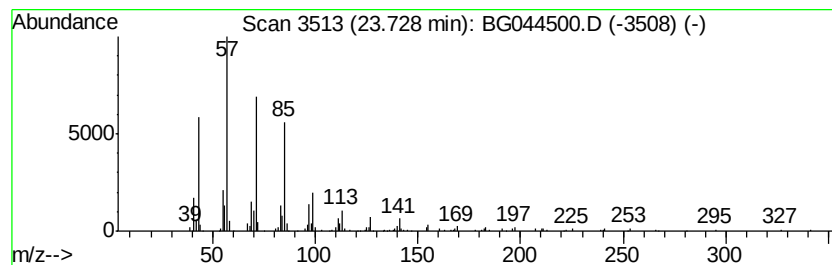
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 Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	4.51 ng	298027	Perylene-d12	24.60

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	Tetracosane		338	C24H50	000646-31-1	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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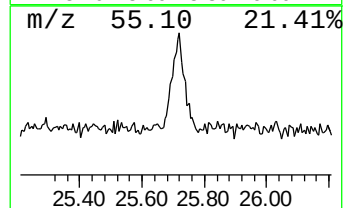
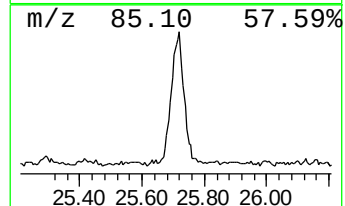
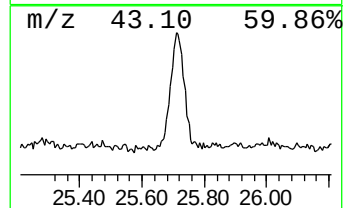
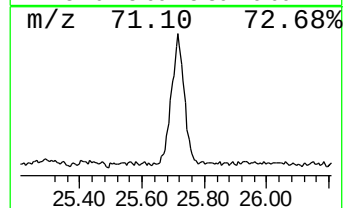
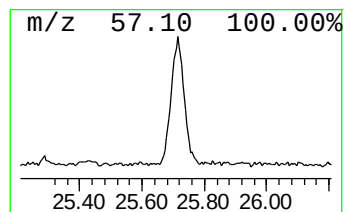
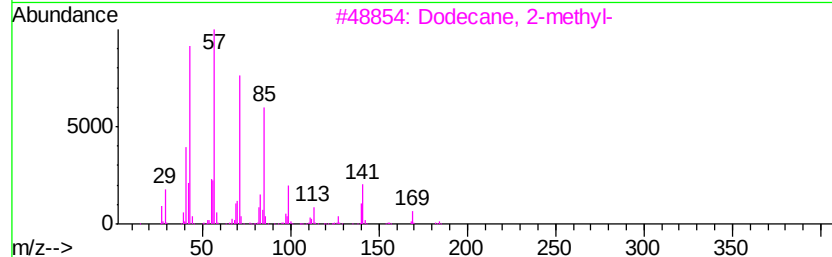
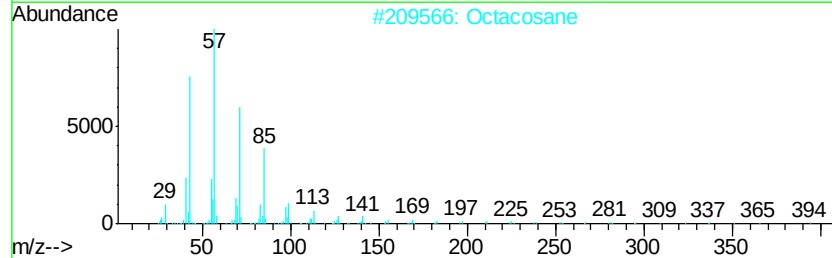
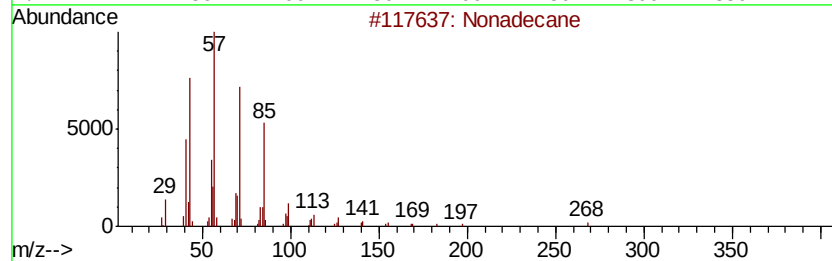
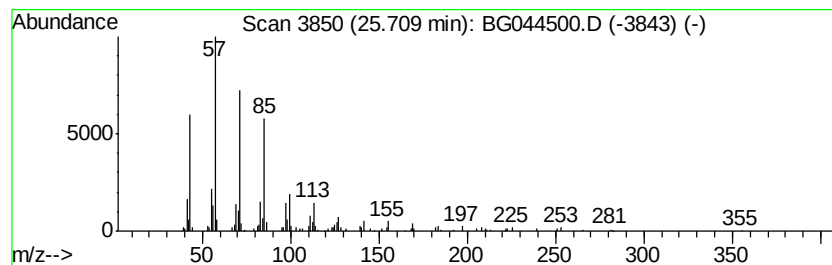
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Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	3.45 ng	227715	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021920\
Data File : BG044500.D
Acq On : 19 Feb 2020 22:02
Operator : CG/JU
Sample : L1558-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0109-SITE-WATER

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxalic acid, prop...	21.19	4.5 ng		224679	5	21.52	1001310	20.0
Heneicosane	21.72	2.8 ng		141969	5	21.52	1001310	20.0
Hexacosane	22.31	4.4 ng		221897	5	21.52	1001310	20.0
Heptadecane	22.97	10.1 ng		504914	5	21.52	1001310	20.0
Eicosane	23.73	4.5 ng		298027	6	24.60	1320320	20.0
Nonadecane	25.71	3.5 ng		227715	6	24.60	1320320	20.0