

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048045.D
 Acq On : 28 Jan 2021 2:21
 Operator : CG/JU
 Sample : M1242-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0026-SITE-WATER-048-03-04

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048045.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.676	392	398	409	rBV	592193	949699	20.88%	4.834%
2	7.269	662	669	681	rBV	435964	788686	17.34%	4.014%
3	8.126	806	815	821	rBV	179102	307114	6.75%	1.563%
4	9.284	1004	1012	1021	rBV	654536	1164949	25.61%	5.930%
5	10.935	1285	1293	1302	rBV	229660	417748	9.18%	2.126%
6	13.373	1701	1708	1717	rBV	1779374	2678344	58.87%	13.633%
7	14.190	1841	1847	1853	rBV	98881	136495	3.00%	0.695%
8	14.748	1934	1942	1949	rVB2	380988	614316	13.50%	3.127%
9	16.229	2186	2194	2210	rBV	1582362	2401687	52.79%	12.225%
10	17.486	2400	2408	2417	rBV	531930	813407	17.88%	4.140%
11	17.604	2423	2428	2434	rVB4	37387	49439	1.09%	0.252%
12	18.373	2553	2559	2568	rBV	587947	826649	18.17%	4.208%
13	19.137	2684	2689	2693	rBV	93988	116187	2.55%	0.591%
14	19.490	2745	2749	2751	rBV3	42713	53805	1.18%	0.274%
15	19.636	2768	2774	2784	rBV	474888	665209	14.62%	3.386%
16	19.766	2793	2796	2803	rVB3	33259	47693	1.05%	0.243%
17	20.089	2845	2851	2857	rBV	3498368	4549230	100.00%	23.156%
18	20.770	2964	2967	2972	rVB	52538	67929	1.49%	0.346%
19	20.994	3000	3005	3009	rBV	228465	294495	6.47%	1.499%
20	21.041	3009	3013	3017	rVB3	51783	67470	1.48%	0.343%
21	21.399	3069	3074	3082	rBV	237648	364984	8.02%	1.858%
22	21.763	3129	3136	3145	rVB2	571978	951359	20.91%	4.842%
23	22.586	3272	3276	3284	rBV3	36164	60455	1.33%	0.308%
24	23.297	3392	3397	3402	rVB2	45807	75595	1.66%	0.385%
25	24.125	3532	3538	3546	rVB4	52554	112940	2.48%	0.575%
26	25.042	3685	3694	3704	rBV2	331208	954528	20.98%	4.859%
27	26.382	3915	3922	3930	rBV10	35650	115854	2.55%	0.590%

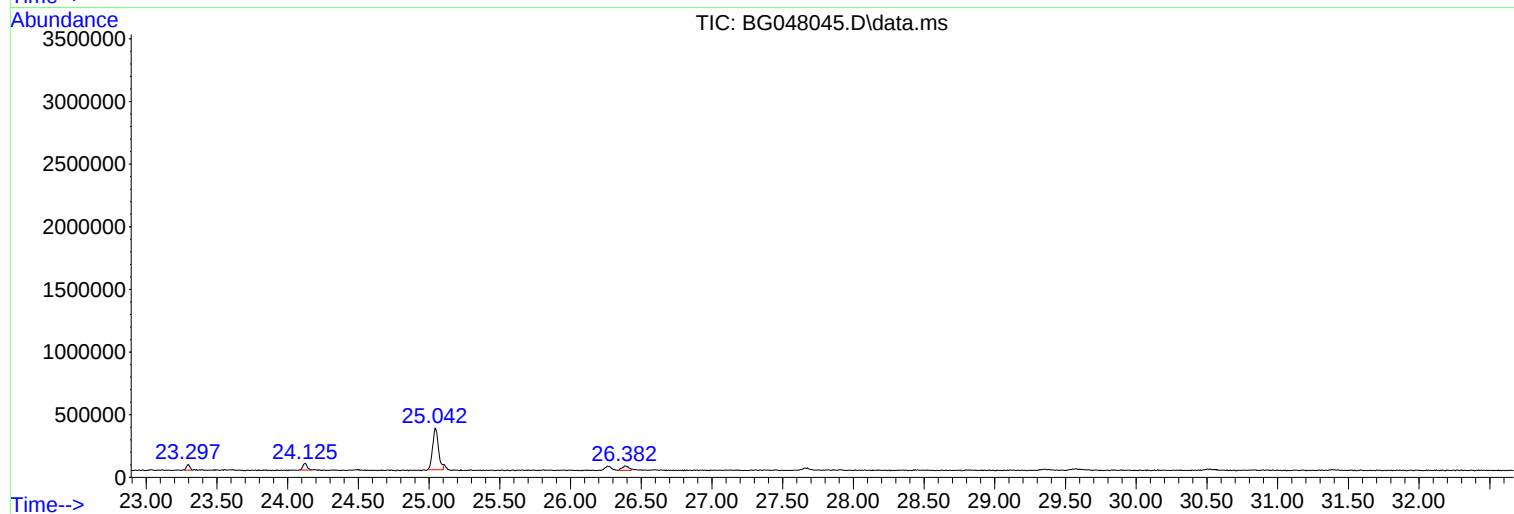
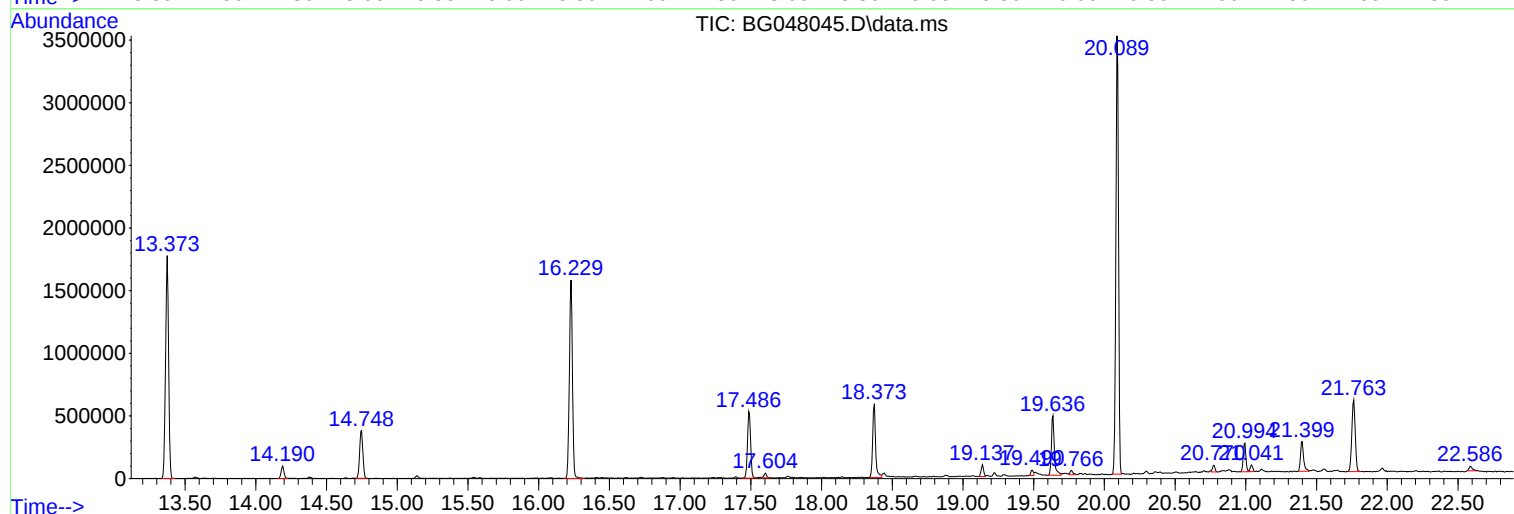
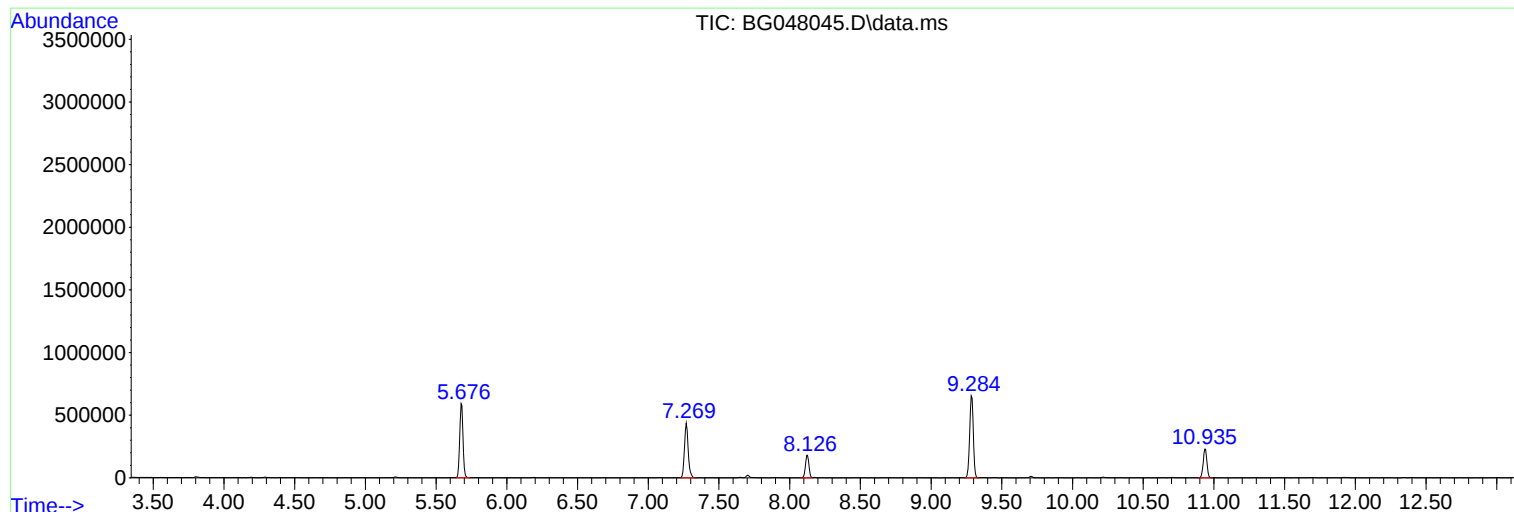
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
0026-SITE-WATER-048-03-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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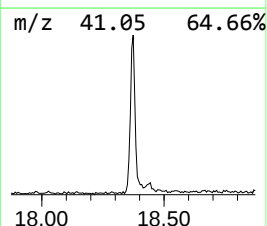
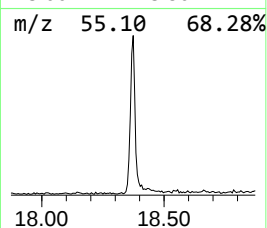
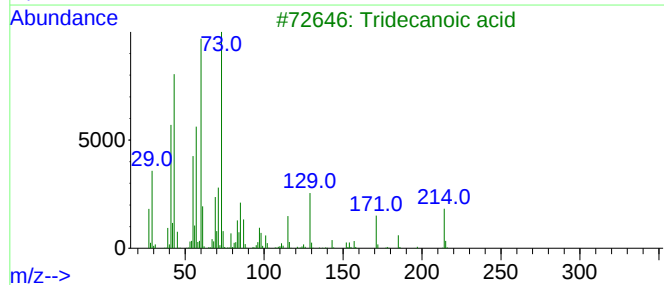
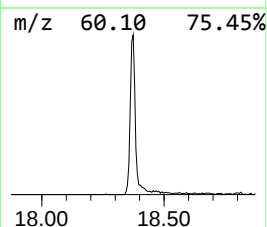
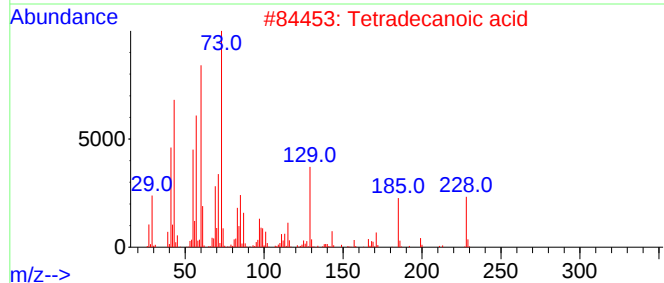
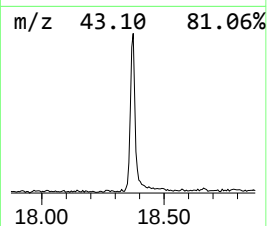
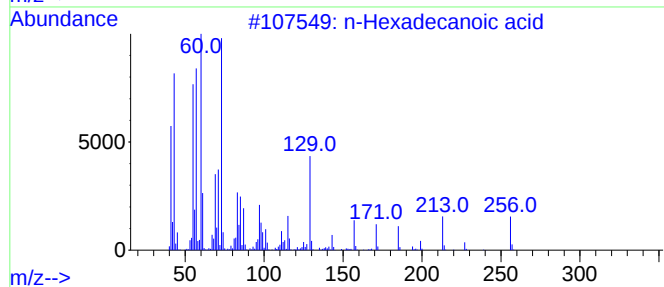
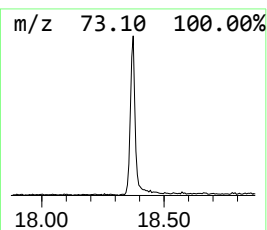
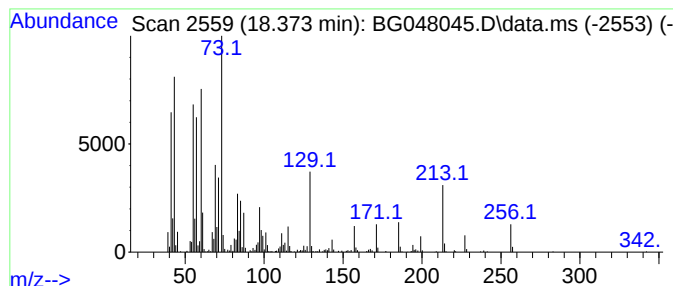
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	20.33 ng	826649	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	76



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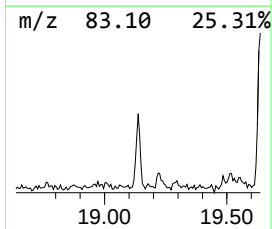
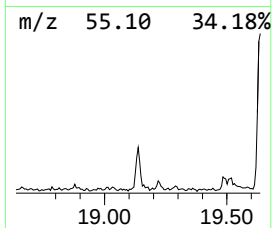
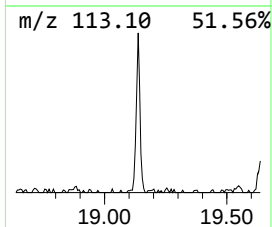
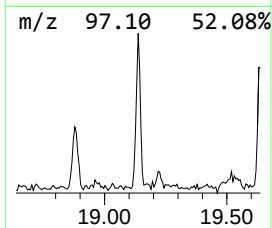
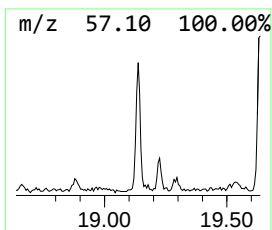
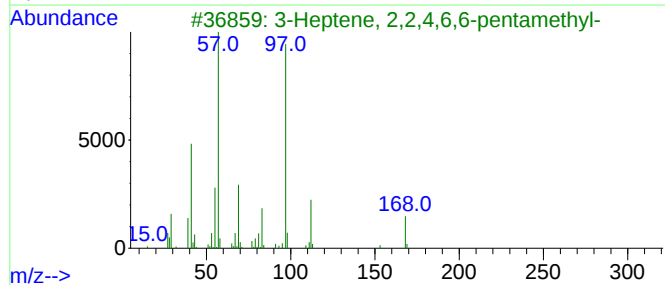
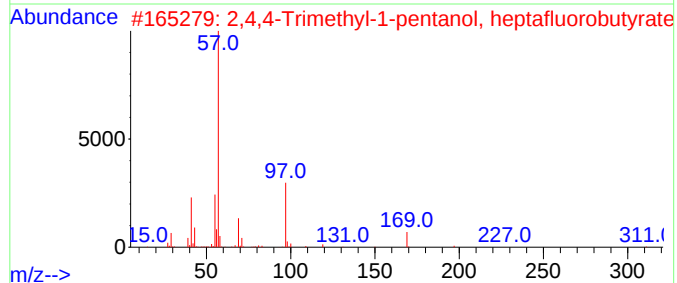
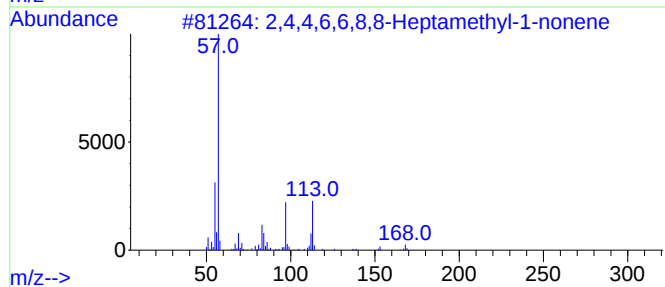
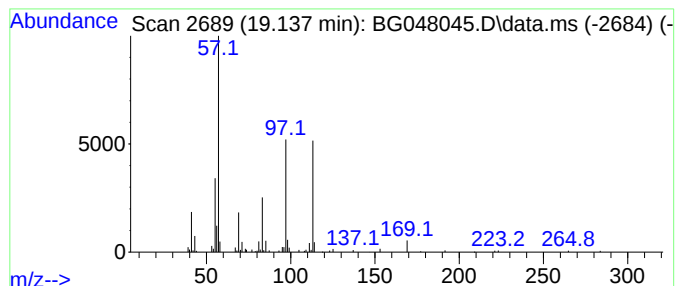
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.137	2.86 ng	116187	Phenanthrene-d10	17.486	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	64
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
3	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	25
4	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	25



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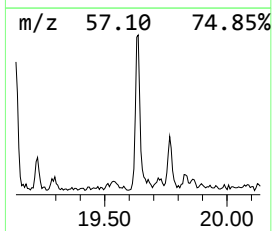
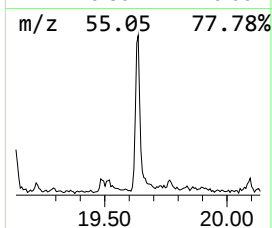
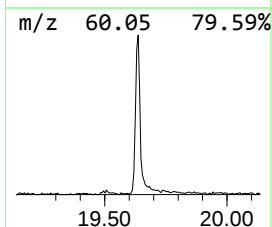
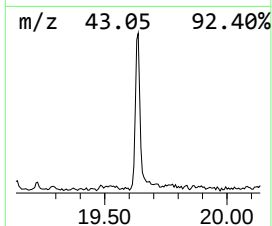
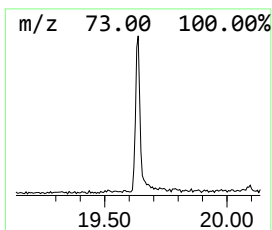
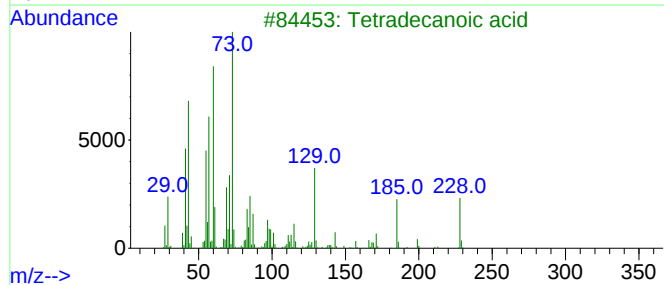
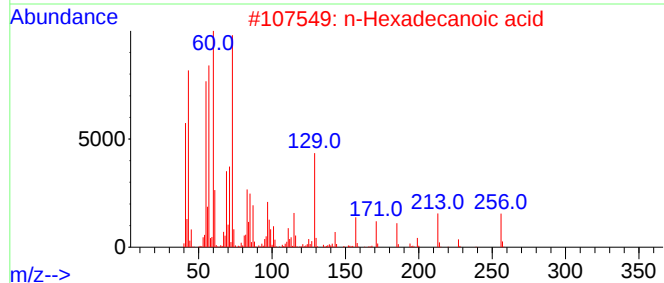
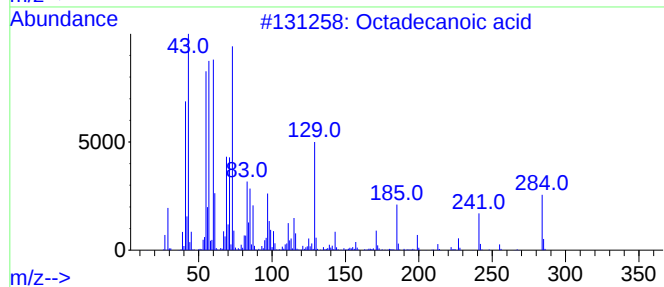
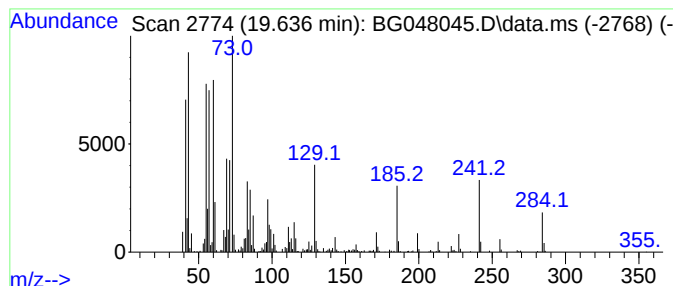
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.637	13.98 ng	665209	Chrysene-d12		21.763	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
4	n-Decanoic acid		172	C10H20O2	000334-48-5	78
5	Tridecanoic acid		214	C13H26O2	000638-53-9	76



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Misc :
ALS Vial : 13 Sample Multiplier: 1

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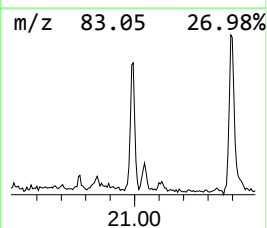
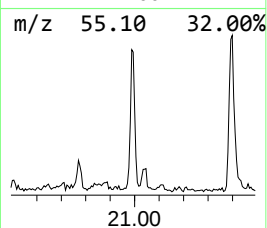
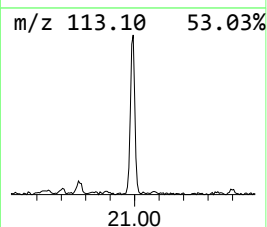
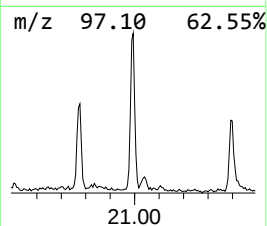
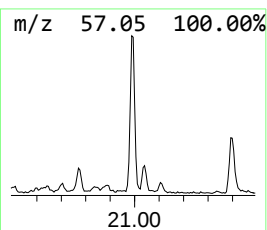
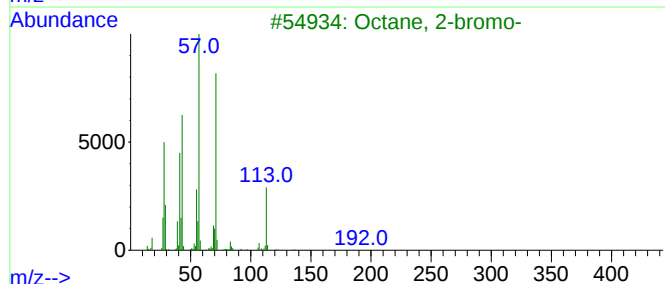
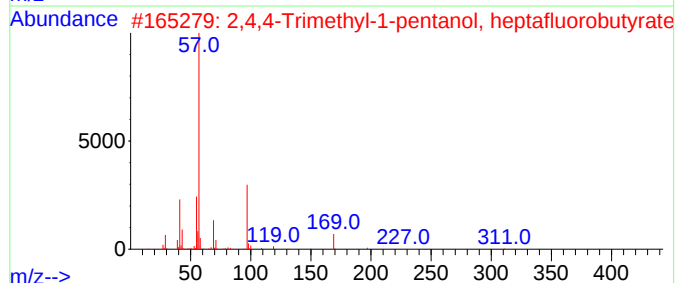
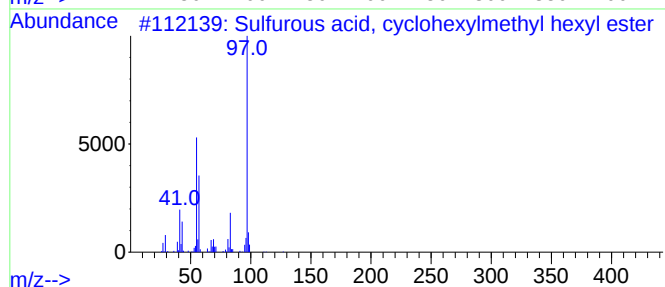
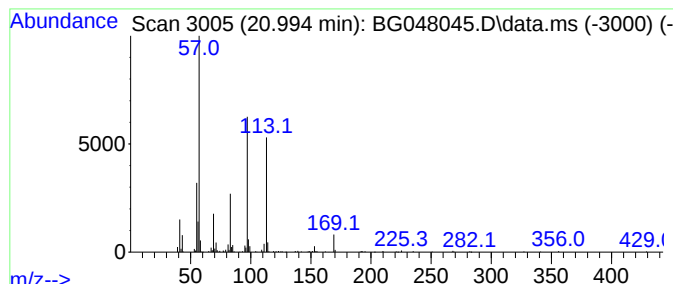
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Peak Number 4 unknown20.994 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.994	6.19 ng	294495	Chrysene-d12	21.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	38
2			2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	35
3			Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	32
5			2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32



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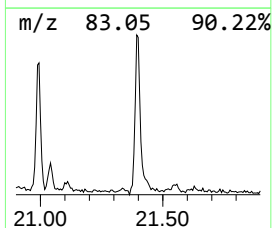
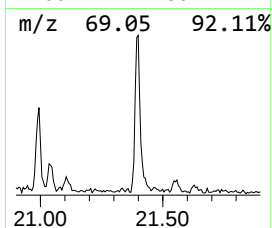
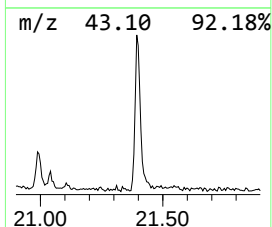
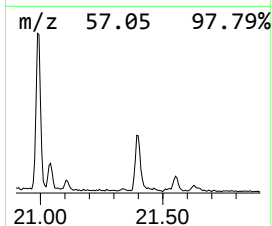
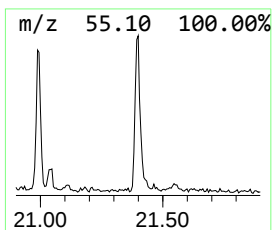
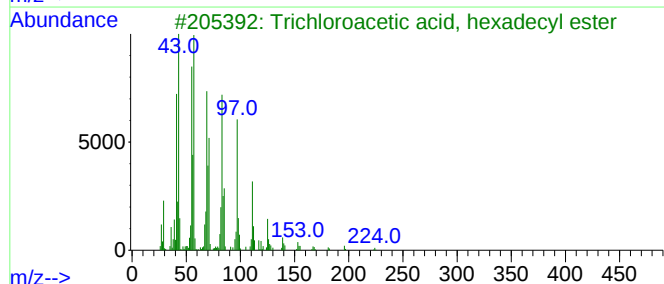
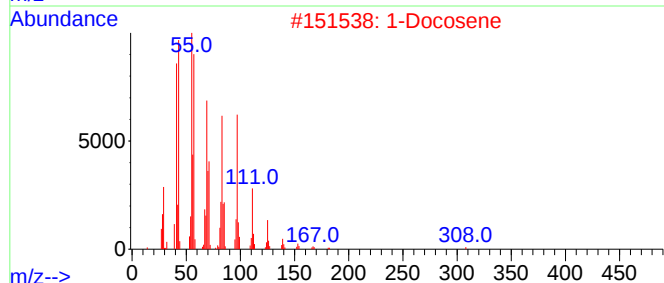
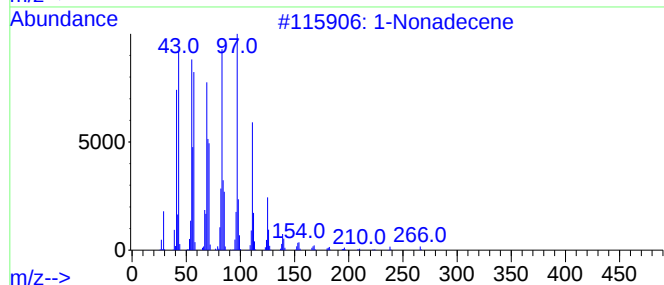
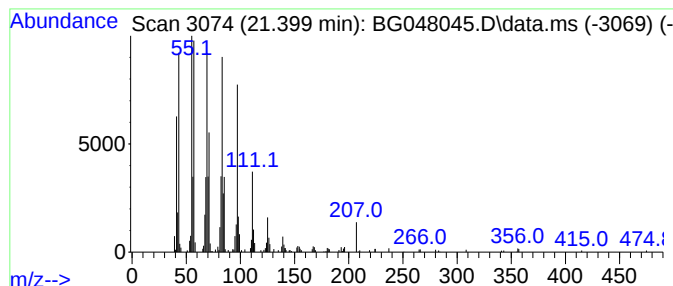
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Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.399	7.67 ng	364984	Chrysene-d12	21.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	95
2	1-Docosene			308	C22H44	001599-67-3	93
3	Trichloroacetic acid, hexadecyl ...			386	C18H33Cl3O2	074339-54-1	91
4	Pentafluoropropionic acid, penta...			374	C18H31F5O2	959092-08-1	91
5	1-Heptacosanol			396	C27H56O	002004-39-9	91



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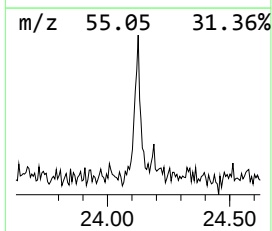
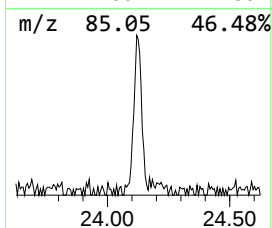
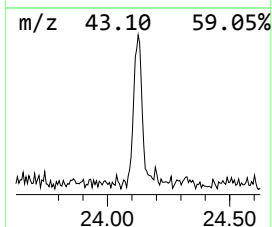
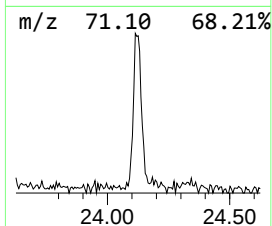
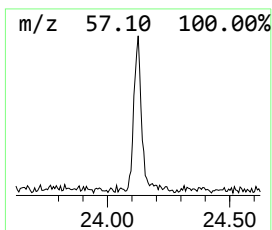
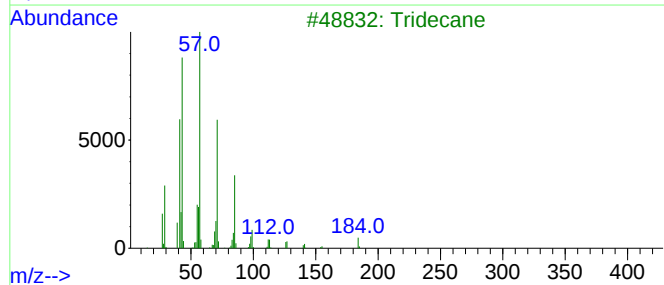
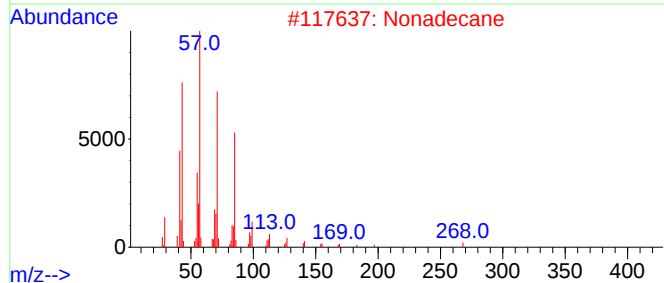
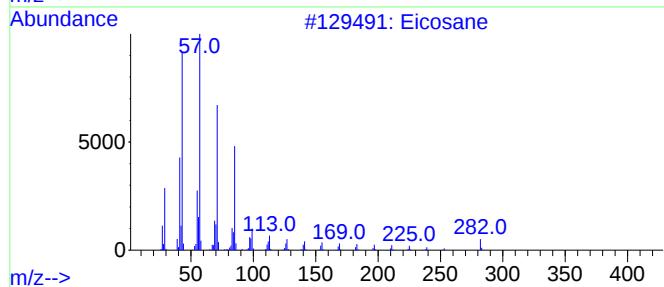
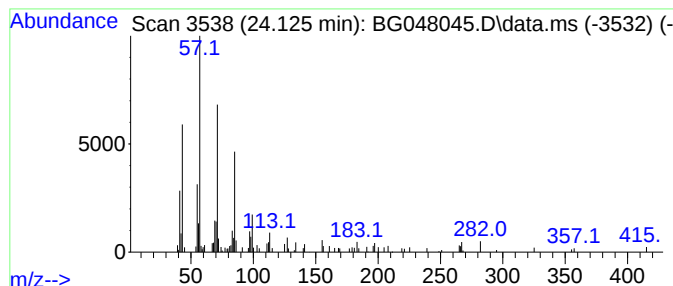
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.125	2.37 ng	112940	Perylene-d12	25.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Nonadecane	268	C19H40	000629-92-5	93
3			Tridecane	184	C13H28	000629-50-5	89
4			Heptadecane	240	C17H36	000629-78-7	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048045.D
Acq On : 28 Jan 2021 2:21
Operator : CG/JU
Sample : M1242-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

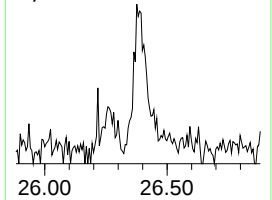
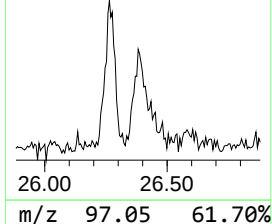
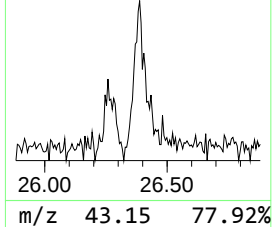
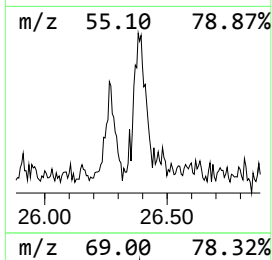
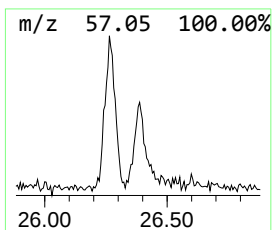
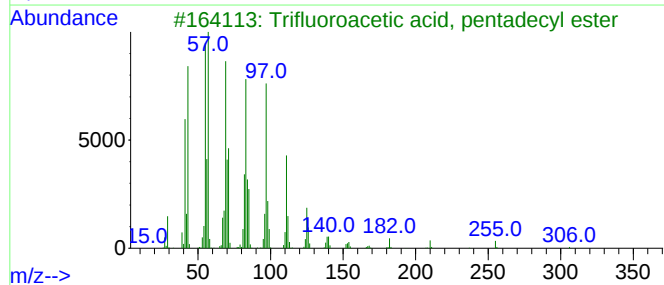
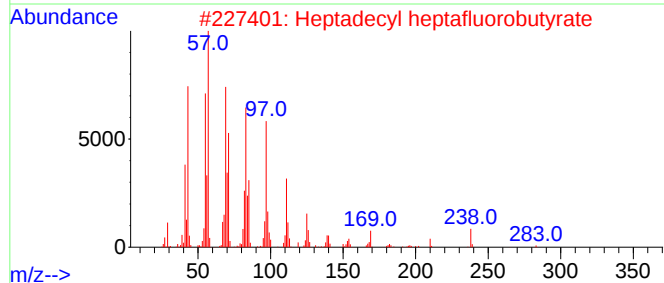
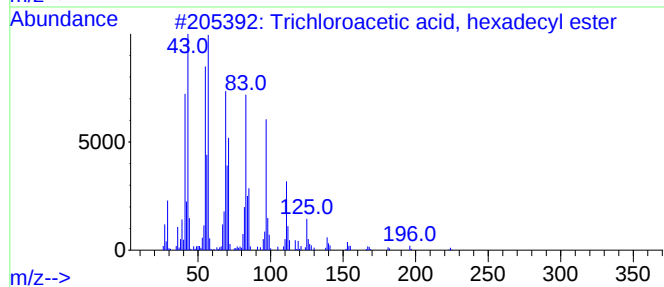
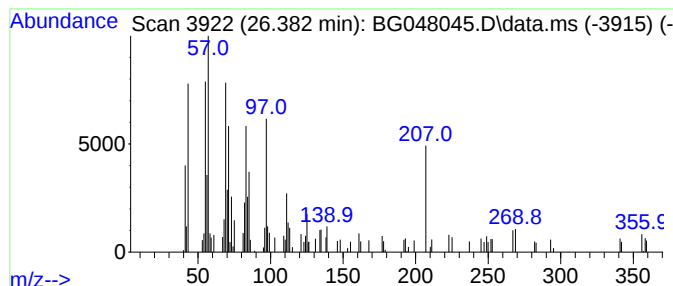
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.381	2.43 ng	115854	Perylene-d12	25.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
3			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	62
4			E-15-Heptadecenal	252	C17H32O	1000130-97-9	59
5			5-Octadecene, (E)-	252	C18H36	007206-21-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048045.D
Acq On : 28 Jan 2021 2:21
Operator : CG/JU
Sample : M1242-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0026-SITE-WATER-048-03-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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
n-Hexadecanoic ...	18.373	20.3	ng	826649	4	17.486	813407	20.0
2,4,4,6,6,8,8-H...	19.137	2.9	ng	116187	4	17.486	813407	20.0
Octadecanoic acid	19.637	14.0	ng	665209	5	21.763	951359	20.0
unknown20.994	20.994	6.2	ng	294495	5	21.763	951359	20.0
1-Nonadecene	21.399	7.7	ng	364984	5	21.763	951359	20.0
Eicosane	24.125	2.4	ng	112940	6	25.048	954528	20.0
Trichloroacetic...	26.381	2.4	ng	115854	6	25.048	954528	20.0