

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047969.D
 Acq On : 22 Jan 2021 1:27
 Operator : CG/JU
 Sample : M1191-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0028-SITE-WATER-052

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-BG012121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.699	394	402	415	rBV	572171	895614	22.95%	5.013%
2	7.286	665	672	684	rBV2	383730	732897	18.78%	4.102%
3	8.150	812	819	825	rBV	176132	297263	7.62%	1.664%
4	9.307	1008	1016	1026	rBV	599423	1070625	27.44%	5.992%
5	10.964	1287	1298	1306	rBV	238156	425288	10.90%	2.380%
6	13.396	1704	1712	1719	rVB	1659203	2528006	64.78%	14.150%
7	14.765	1939	1945	1959	rVB2	396567	623915	15.99%	3.492%
8	16.252	2189	2198	2214	rBV	1494234	2272289	58.23%	12.718%
9	17.509	2406	2412	2421	rBV	530553	781119	20.02%	4.372%
10	18.390	2557	2562	2570	rBV	217847	321577	8.24%	1.800%
11	18.467	2571	2575	2579	rVB	44554	57269	1.47%	0.321%
12	18.908	2646	2650	2655	rBV	33235	56008	1.44%	0.313%
13	19.166	2689	2694	2698	rBV	239161	291701	7.47%	1.633%
14	19.248	2704	2708	2712	rBV	70037	85347	2.19%	0.478%
15	19.660	2773	2778	2786	rBV	135604	192388	4.93%	1.077%
16	19.795	2797	2801	2806	rVB	69460	86803	2.22%	0.486%
17	20.112	2849	2855	2861	rBV	2946033	3902390	100.00%	21.842%
18	20.323	2887	2891	2896	rBV	48513	59515	1.53%	0.333%
19	20.805	2969	2973	2979	rVB	102619	131353	3.37%	0.735%
20	20.882	2980	2986	2990	rBV6	22226	47807	1.23%	0.268%
21	21.023	3005	3010	3015	rBV	446281	545506	13.98%	3.053%
22	21.070	3015	3018	3022	rVB	92189	119238	3.06%	0.667%
23	21.140	3027	3030	3038	rVB2	40350	57672	1.48%	0.323%
24	21.428	3074	3079	3087	rBV2	215094	300968	7.71%	1.685%
25	21.587	3103	3106	3116	rVB	49846	65709	1.68%	0.368%
26	21.681	3116	3122	3127	rVB7	24195	57594	1.48%	0.322%
27	21.792	3135	3141	3149	rVB2	537644	889575	22.80%	4.979%
28	22.638	3282	3285	3291	rVB6	18469	39672	1.02%	0.222%
29	25.100	3694	3704	3713	rBV3	310449	875366	22.43%	4.900%
30	26.487	3934	3940	3946	rVB10	23076	55850	1.43%	0.313%

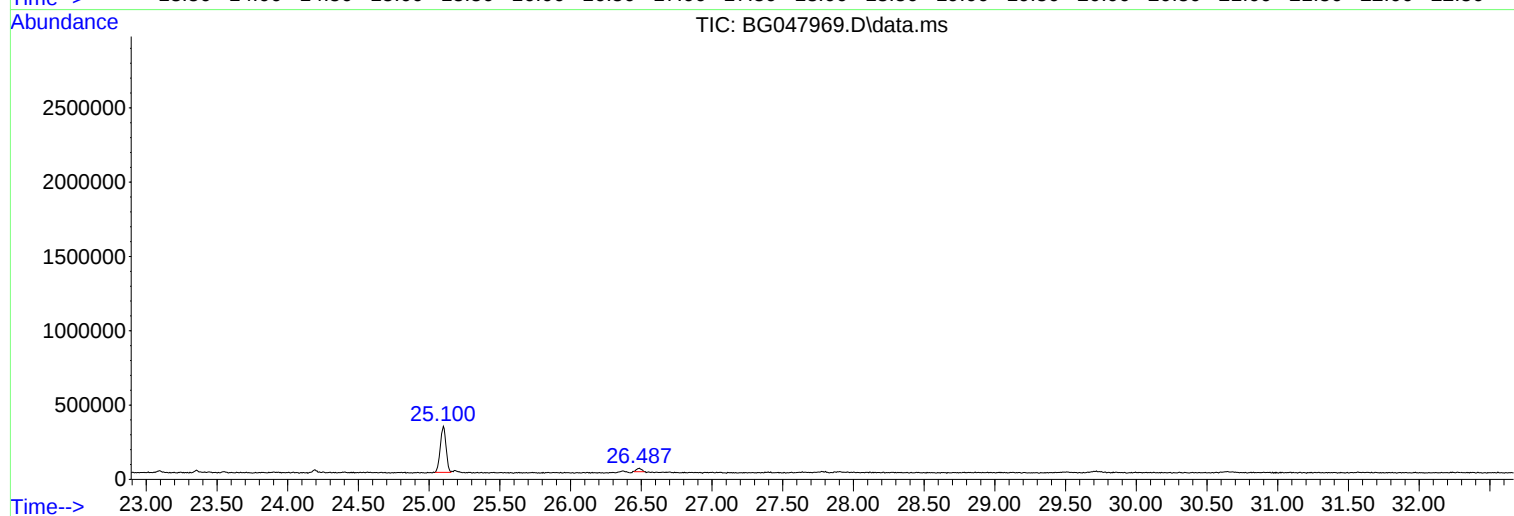
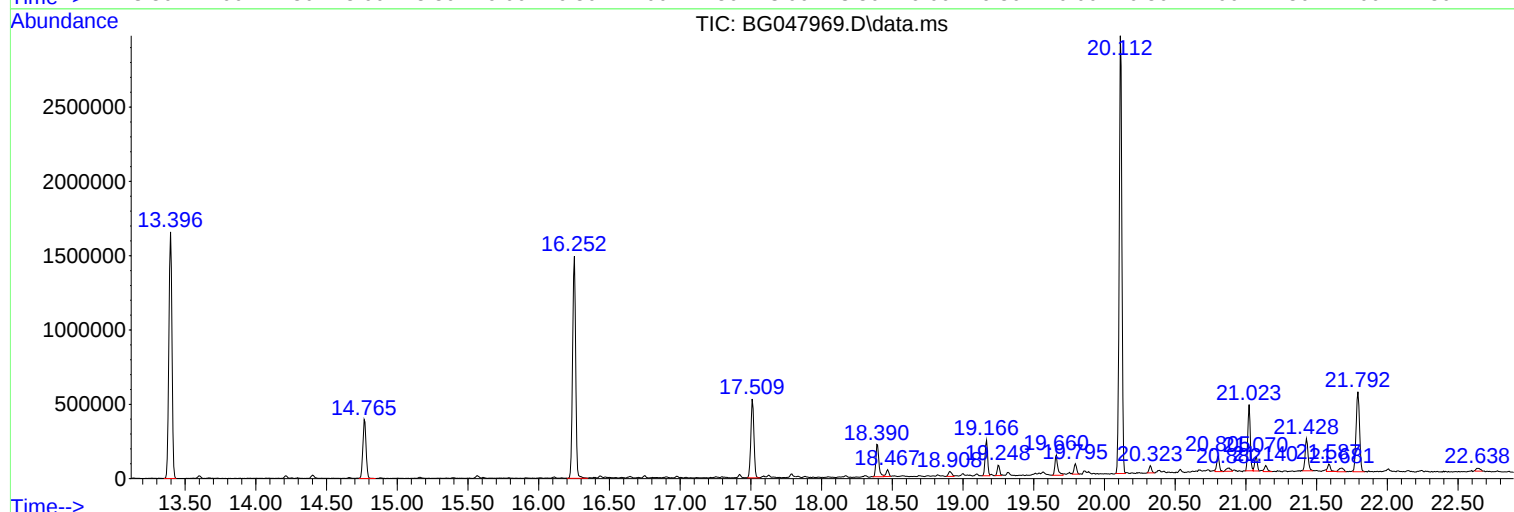
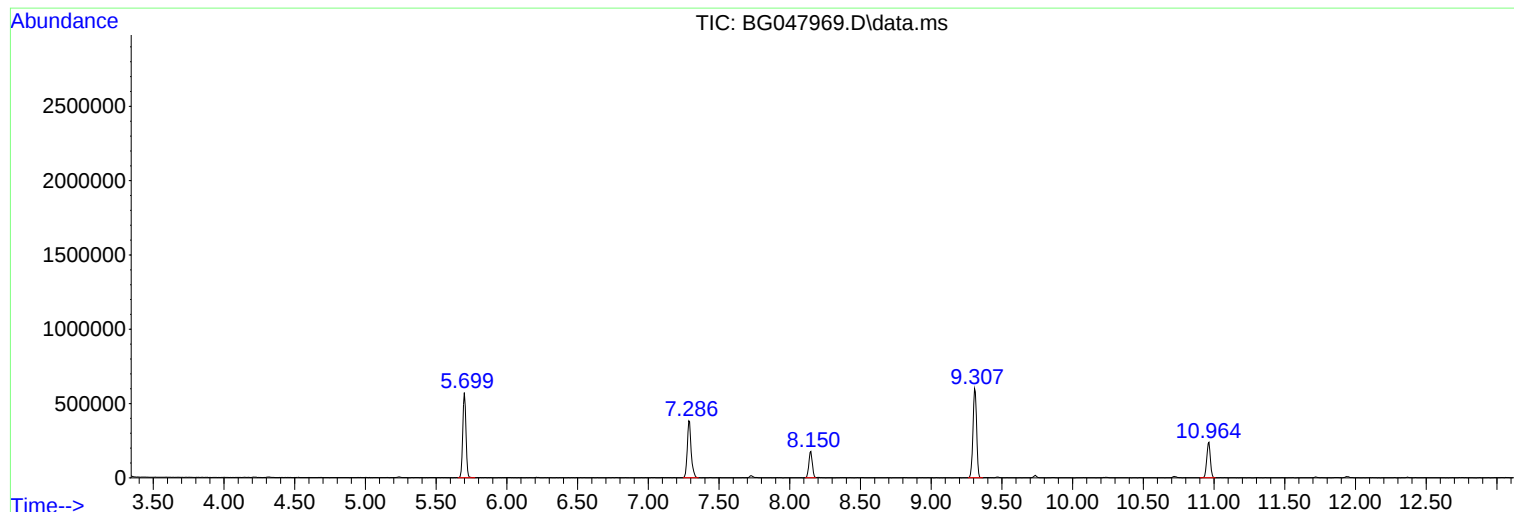
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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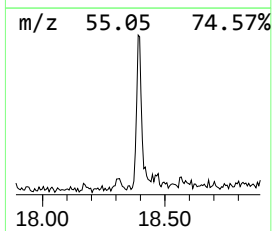
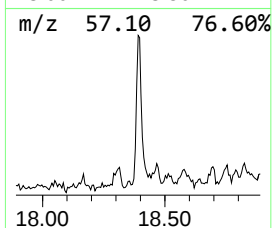
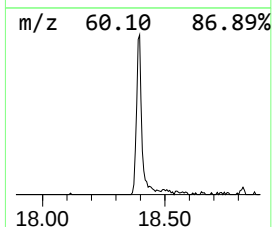
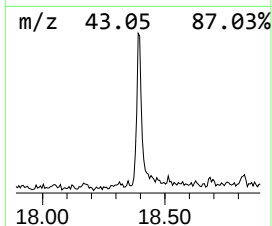
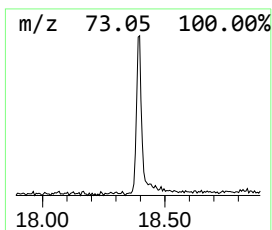
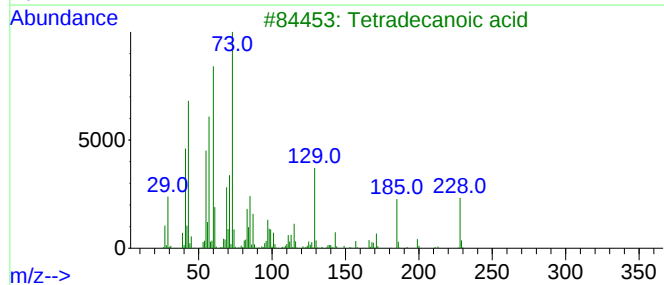
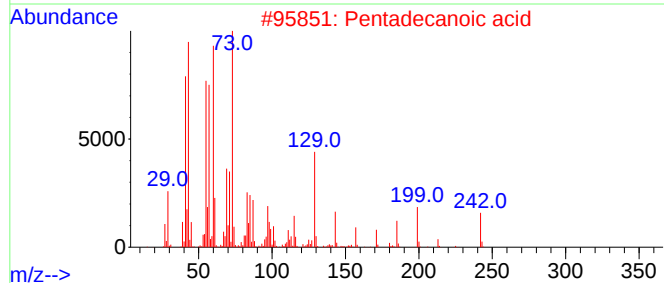
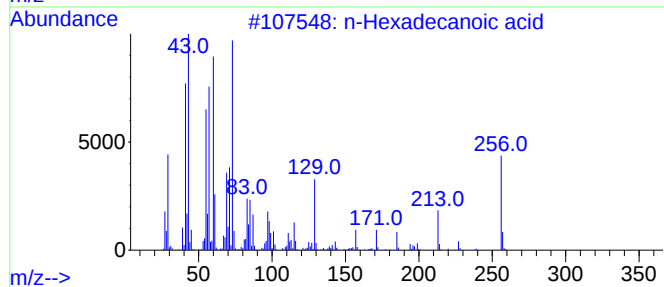
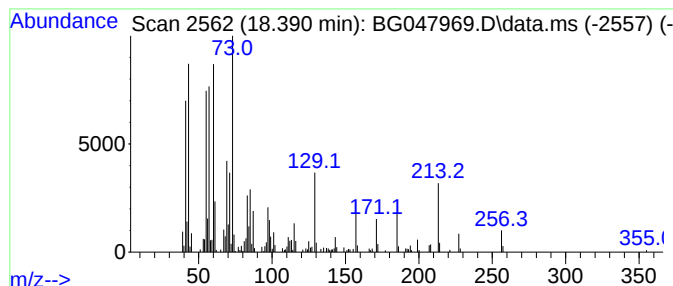
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	8.23 ng	321577	Phenanthrene-d10	17.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4			Tridecanoic acid	214	C13H26O2	000638-53-9	58
5			.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	53



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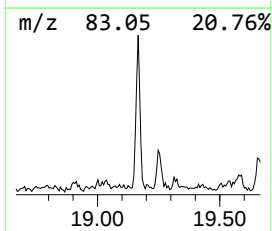
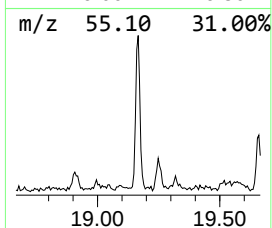
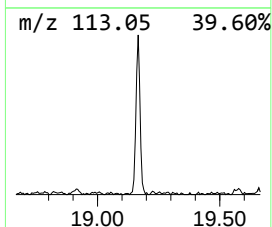
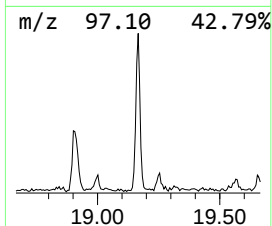
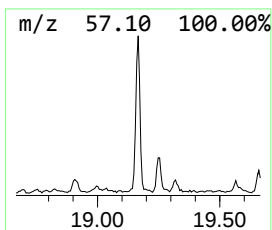
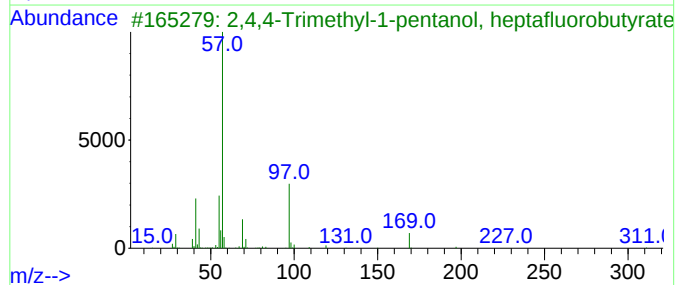
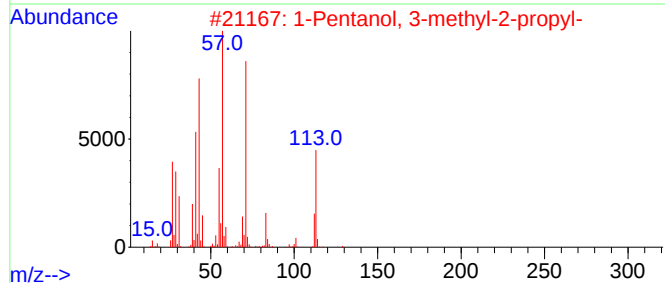
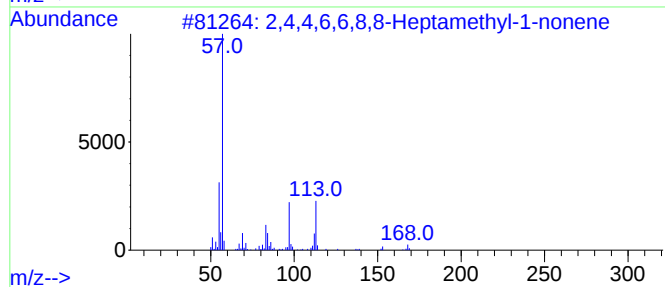
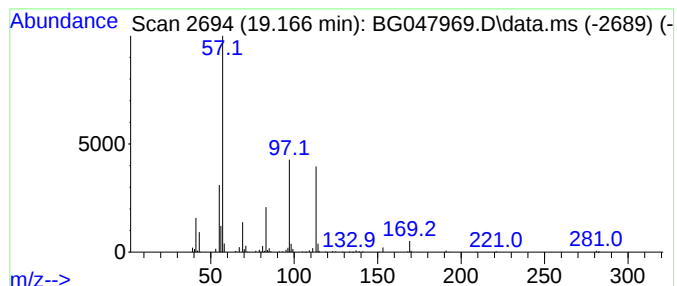
Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

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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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.166	7.47 ng	291701	Phenanthrene-d10	17.509	
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	56
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	50
3	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	37
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25



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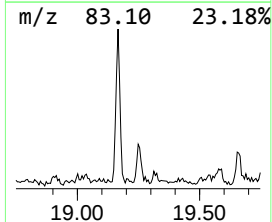
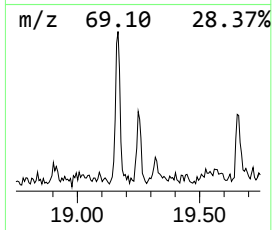
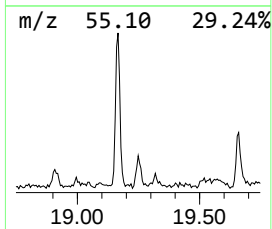
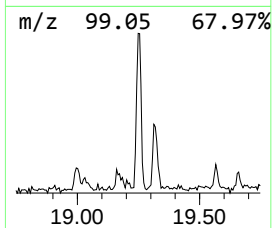
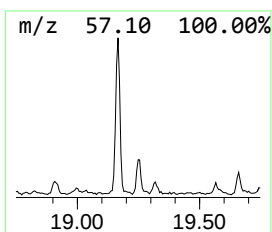
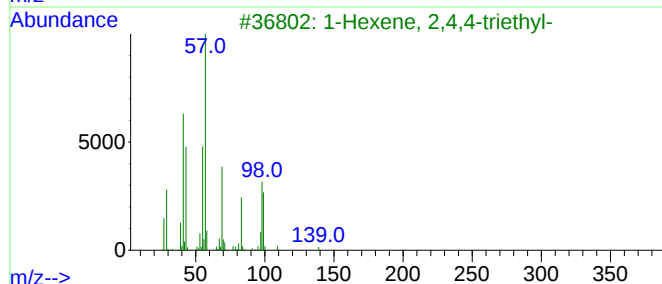
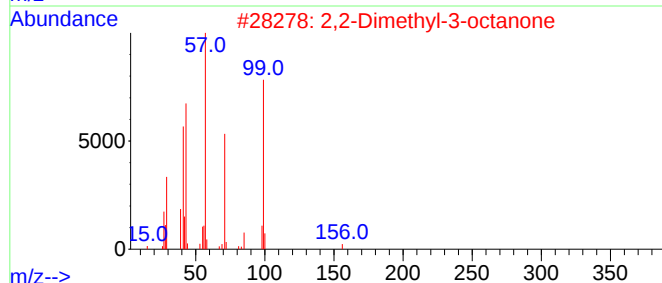
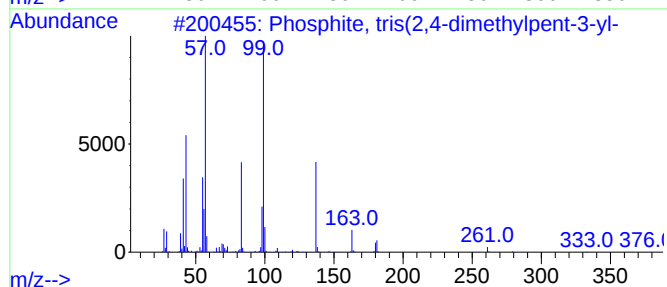
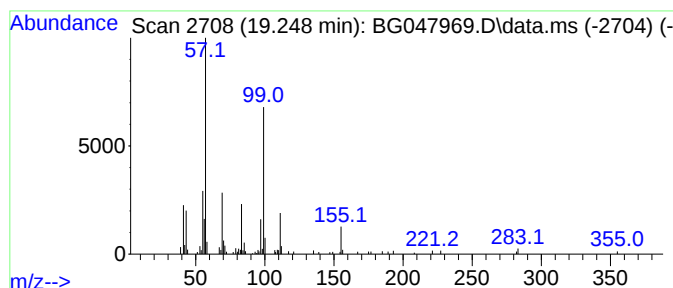
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown19.248 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	2.19 ng	85347	Phenanthrene-d10	17.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	37
2			2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	35
3			1-Hexene, 2,4,4-triethyl-	168	C12H24	1000156-96-5	27
4			Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	16
5			1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	14



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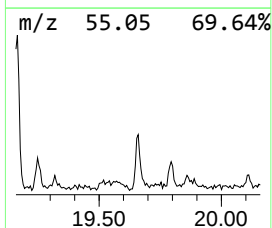
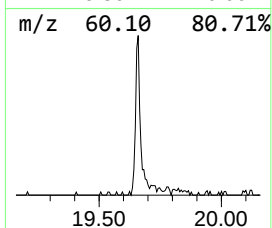
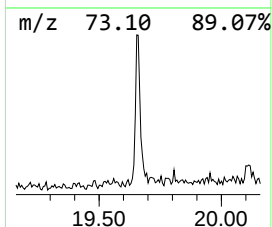
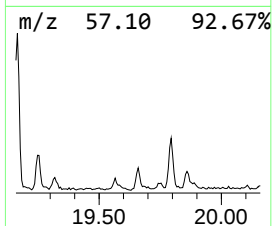
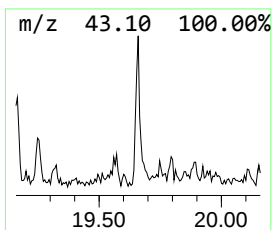
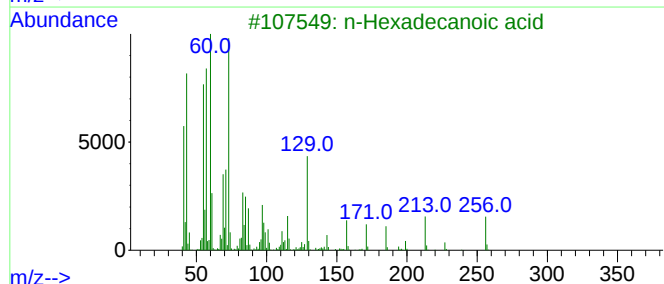
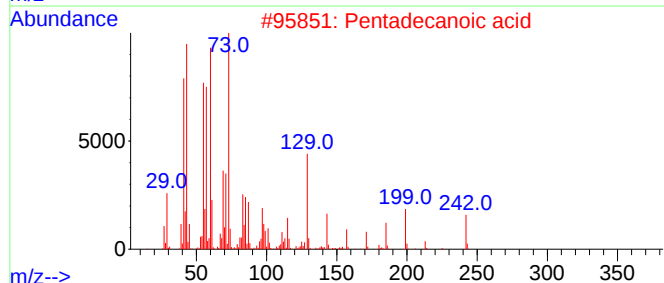
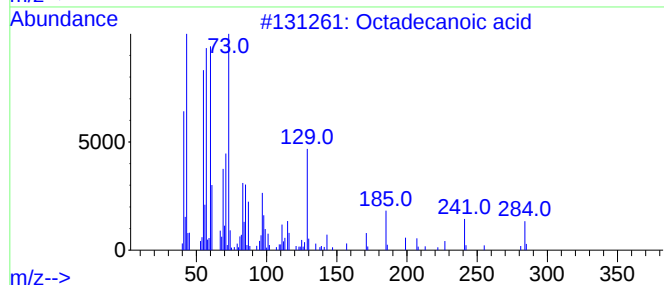
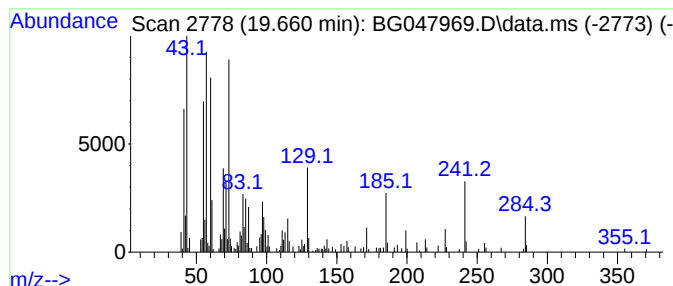
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.660	4.33 ng	192388	Chrysene-d12	21.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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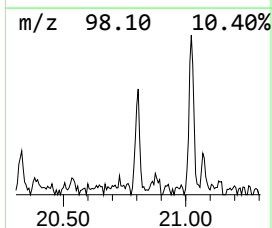
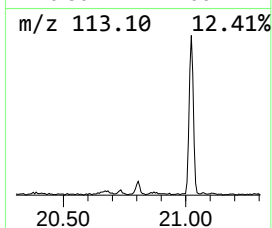
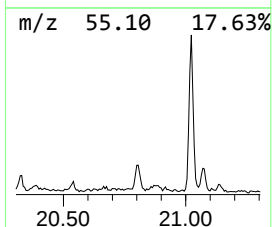
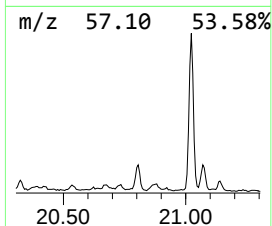
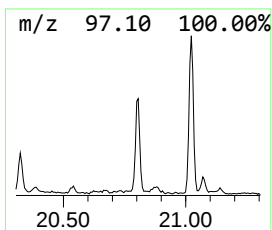
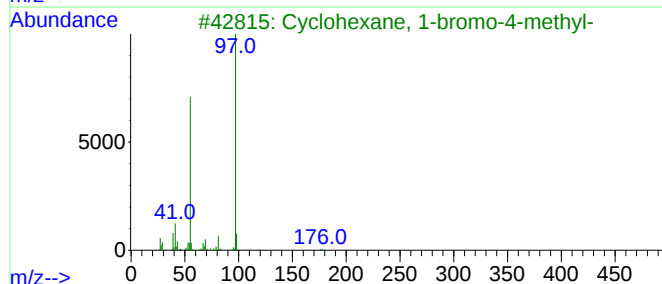
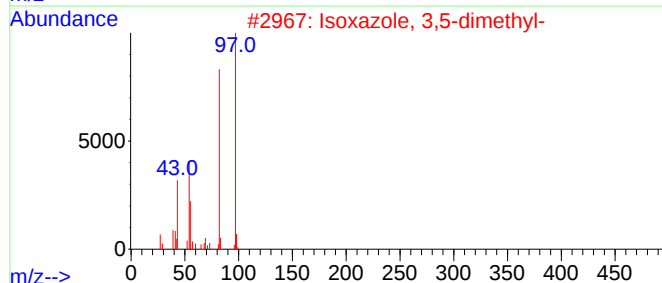
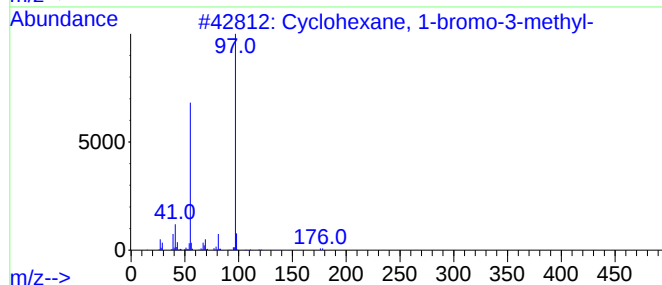
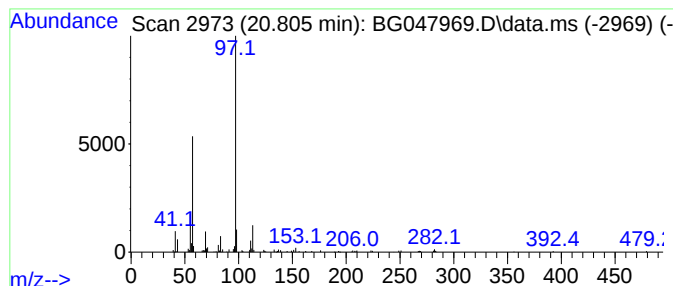
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Peak Number 5 Cyclohexane, 1-bromo-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.805	2.95 ng	131353	Chrysene-d12	21.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59
2			Isioxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59
3			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	59
4			Methylphosphonic acid, dinonyl e...	348	C19H41O3P	095428-88-9	50
5			Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	45



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0028-SITE-WATER-052

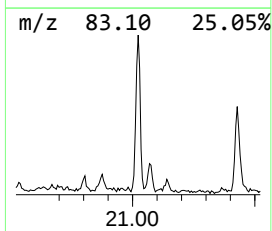
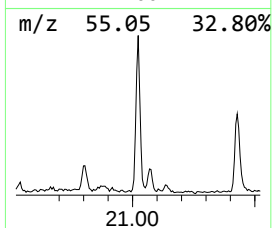
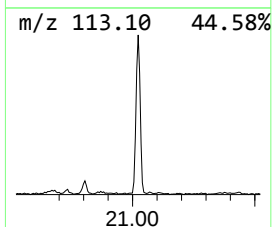
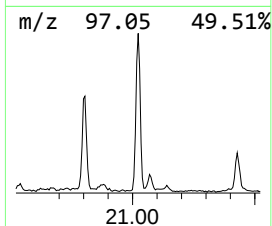
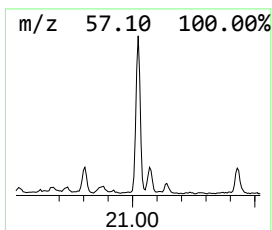
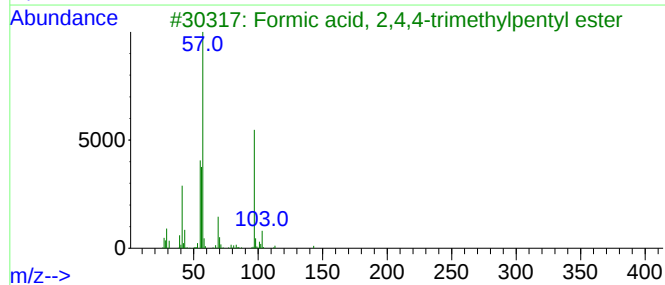
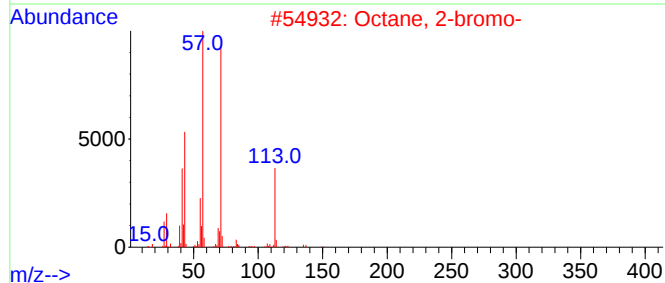
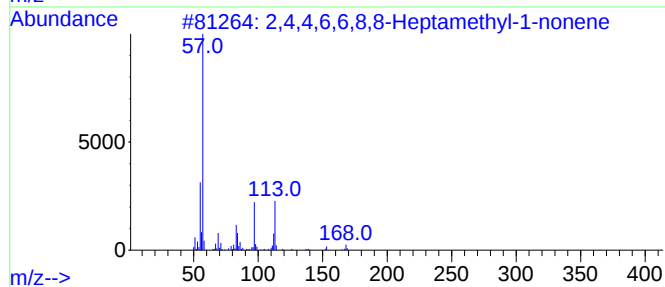
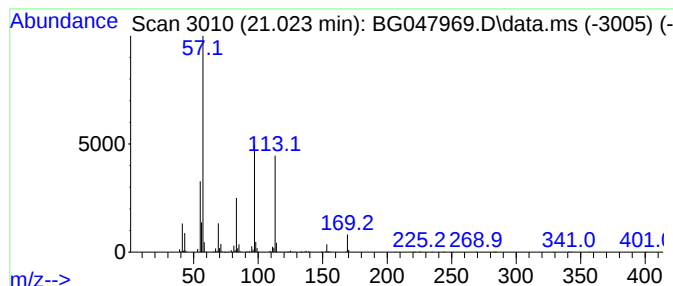
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown21.023 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.023	12.26 ng	545506	Chrysene-d12	21.792

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	43		
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32		
3	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25		
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	23		
5	6,6-Dibutoxyhexanoic acid, butyl...	316	C18H36O4	1000280-29-0	23		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047969.D
Acq On : 22 Jan 2021 1:27
Operator : CG/JU
Sample : M1191-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

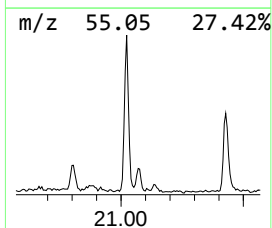
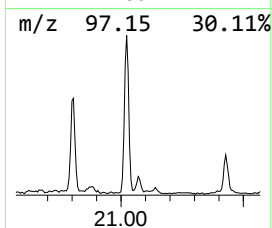
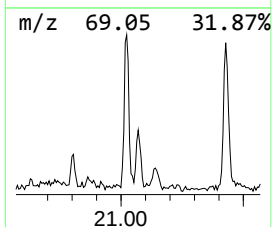
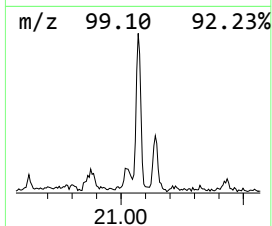
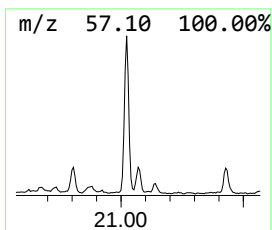
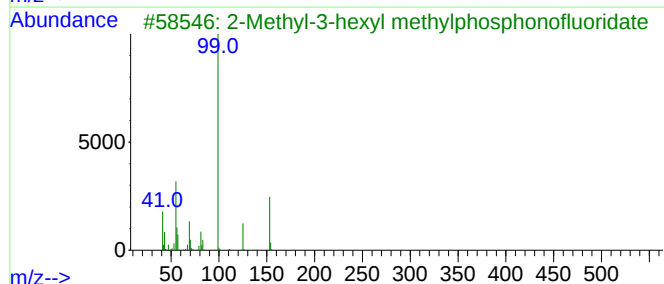
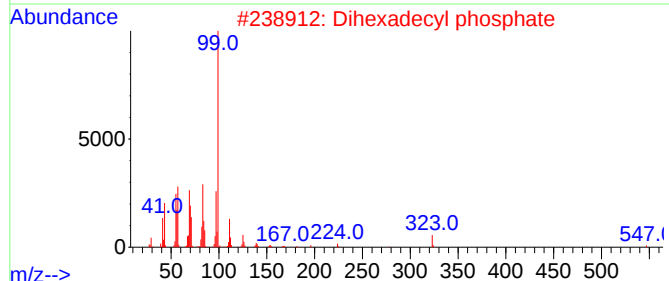
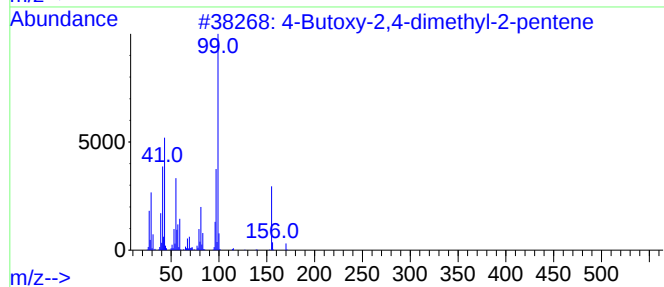
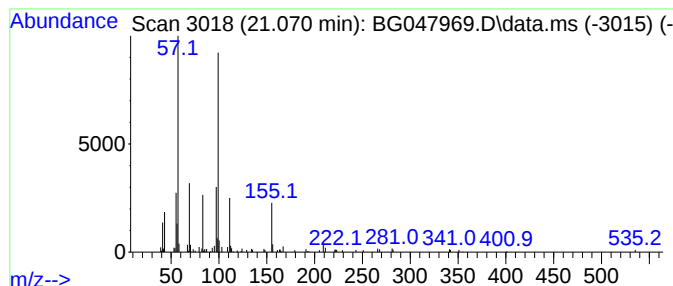
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown21.070 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.070	2.68 ng	119238	Chrysene-d12	21.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	40
2			Dihexadecyl phosphate	546	C32H67O4P	002197-63-9	33
3			2-Methyl-3-hexyl methylphosphono...	196	C8H18FO2P	345260-70-0	25
4			1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	25
5			N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047969.D
Acq On : 22 Jan 2021 1:27
Operator : CG/JU
Sample : M1191-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

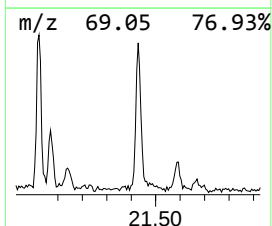
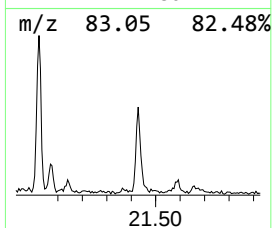
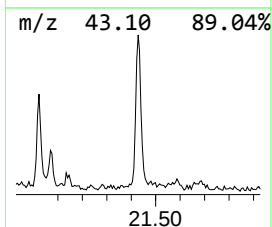
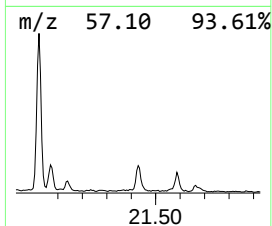
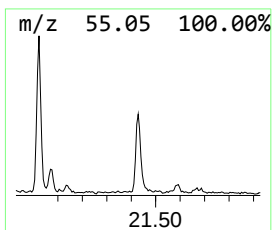
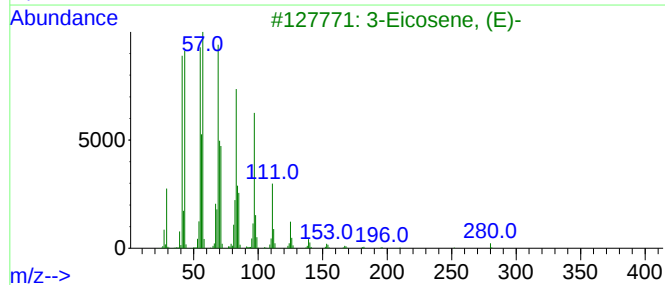
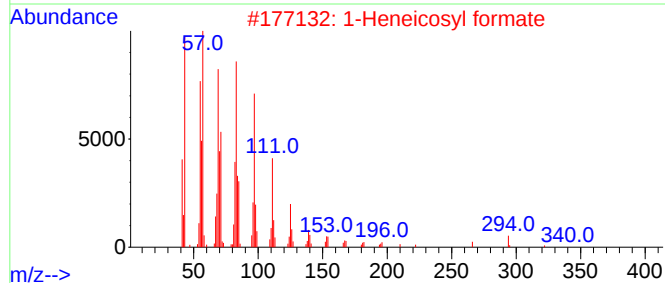
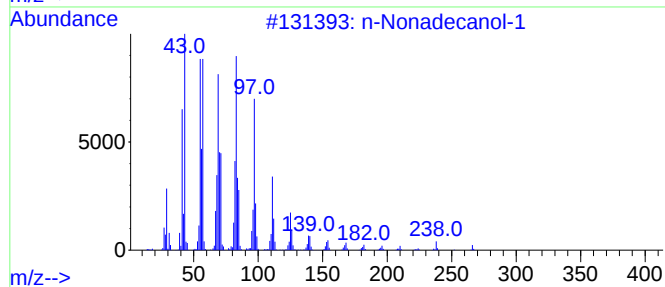
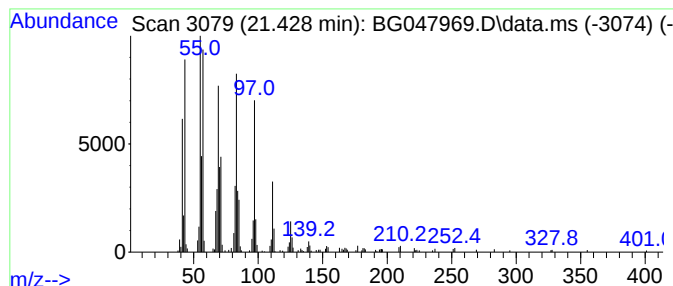
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	6.77 ng	300968	Chrysene-d12	21.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047969.D
Acq On : 22 Jan 2021 1:27
Operator : CG/JU
Sample : M1191-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0028-SITE-WATER-052

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.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 ...	18.390	8.2	ng	321577	4	17.509	781119	20.0
2,4,4,6,6,8,8-H...	19.166	7.5	ng	291701	4	17.509	781119	20.0
unknown19.248	19.248	2.2	ng	85347	4	17.509	781119	20.0
Octadecanoic acid	19.660	4.3	ng	192388	5	21.792	889575	20.0
Cyclohexane, 1-...	20.805	3.0	ng	131353	5	21.792	889575	20.0
unknown21.023	21.023	12.3	ng	545506	5	21.792	889575	20.0
unknown21.070	21.070	2.7	ng	119238	5	21.792	889575	20.0
n-Nonadecanol-1	21.428	6.8	ng	300968	5	21.792	889575	20.0