

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046952.D
 Acq On : 17 Oct 2020 23:02
 Operator : CG/JU
 Sample : L4201-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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\SOM-EPA-BG101520MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.484	19	25	28	rBV2	21827	34036	0.94%	0.104%
2	4.136	133	136	140	rBV3	2580	4178	0.12%	0.013%
3	4.236	151	153	158	rVB5	4549	7407	0.20%	0.023%
4	6.128	469	475	477	rBV6	2408	4051	0.11%	0.012%
5	7.221	654	661	675	rBV	462954	823171	22.75%	2.523%
6	7.391	683	690	700	rVB	331513	550034	15.20%	1.686%
7	7.603	717	726	732	rBV	435443	766489	21.19%	2.350%
8	7.650	732	734	740	rVB3	11823	17808	0.49%	0.055%
9	8.067	798	805	812	rBV	181142	299645	8.28%	0.919%
10	8.120	812	814	818	rVB3	5838	7206	0.20%	0.022%
11	8.772	917	925	935	rBV	594324	1020743	28.21%	3.129%
12	9.230	995	1003	1013	rBV	469012	813406	22.48%	2.493%
13	9.953	1118	1126	1136	rBV	430520	764873	21.14%	2.345%
14	10.494	1211	1218	1228	rBV	649902	1126215	31.13%	3.452%
15	10.882	1276	1284	1292	rVB	254978	454443	12.56%	1.393%
16	11.011	1296	1306	1317	rBV	575707	1053650	29.12%	3.230%
17	11.363	1359	1366	1369	rBV3	4259	7974	0.22%	0.024%
18	12.462	1547	1553	1560	rBV	11541	18363	0.51%	0.056%
19	13.584	1738	1744	1749	rBV3	7465	12875	0.36%	0.039%
20	14.101	1823	1832	1836	rBV	1273910	1857747	51.35%	5.695%
21	14.142	1836	1839	1847	rVB	216102	292566	8.09%	0.897%
22	14.395	1874	1882	1890	rVB	1311770	2085302	57.64%	6.392%
23	14.595	1912	1916	1918	rVB4	3043	3838	0.11%	0.012%
24	14.695	1926	1933	1943	rVB	446694	705000	19.49%	2.161%
25	14.883	1957	1965	1975	rBV	623651	988661	27.33%	3.031%
26	15.094	1997	2001	2008	rBV6	11282	20439	0.56%	0.063%
27	15.429	2051	2058	2064	rBV	158191	214101	5.92%	0.656%
28	15.688	2094	2102	2110	rBV	1794703	2646576	73.15%	8.113%
29	15.799	2114	2121	2132	rBV	682306	999910	27.64%	3.065%
30	15.929	2138	2143	2148	rVB2	19928	32260	0.89%	0.099%
31	16.263	2192	2200	2203	rBV3	3173	8344	0.23%	0.026%
32	16.375	2213	2219	2223	rBV5	9100	14933	0.41%	0.046%
33	16.469	2231	2235	2239	rVB4	8475	13242	0.37%	0.041%
34	16.669	2265	2269	2271	rVB3	3070	3726	0.10%	0.011%

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35	16.974	2317	2321	2324	rBV4	3206	4439	0.12%	0.014%
36	17.227	2359	2364	2369	rBV5	3295	6684	0.18%	0.020%
37	17.345	2379	2384	2389	rVB3	23570	29054	0.80%	0.089%
38	17.439	2393	2400	2407	rBV	605243	920920	25.46%	2.823%
39	17.544	2411	2418	2426	rBV	1867372	2847351	78.70%	8.728%
40	18.097	2509	2512	2515	rVB4	4552	6046	0.17%	0.019%
41	18.320	2545	2550	2558	rBV	172939	251019	6.94%	0.769%
42	18.672	2606	2610	2612	rBV5	3772	4853	0.13%	0.015%
43	18.813	2632	2634	2637	rBV4	4793	5061	0.14%	0.016%
44	19.019	2667	2669	2672	rVB4	4733	4918	0.14%	0.015%
45	19.060	2672	2676	2681	rBV6	9818	11763	0.33%	0.036%
46	19.219	2700	2703	2711	rVB8	17013	27742	0.77%	0.085%
47	19.366	2724	2728	2731	rBV5	6530	10322	0.29%	0.032%
48	19.389	2731	2732	2738	rVB5	6325	5551	0.15%	0.017%
49	19.454	2738	2743	2751	rBV2	29057	49296	1.36%	0.151%
50	19.589	2762	2766	2772	rBV2	37471	58023	1.60%	0.178%
51	19.706	2783	2786	2790	rBV2	19542	26749	0.74%	0.082%
52	19.742	2790	2792	2796	rVB4	8468	9441	0.26%	0.029%
53	19.824	2799	2806	2817	rBV	2475094	3617788	100.00%	11.090%
54	20.135	2854	2859	2861	rBV	107635	121484	3.36%	0.372%
55	20.171	2861	2865	2872	rVB	205565	234023	6.47%	0.717%
56	20.253	2877	2879	2882	rBV3	4843	6094	0.17%	0.019%
57	20.323	2887	2891	2892	rBV3	7861	9721	0.27%	0.030%
58	20.417	2904	2907	2910	rBV5	4195	4933	0.14%	0.015%
59	20.523	2923	2925	2927	rBV3	4541	6172	0.17%	0.019%
60	20.588	2935	2936	2938	rBV2	6709	5216	0.14%	0.016%
61	20.723	2953	2959	2964	rVB	50064	63041	1.74%	0.193%
62	20.840	2974	2979	2982	rBV6	12848	16735	0.46%	0.051%
63	21.122	3023	3027	3030	rBV	60957	72596	2.01%	0.223%
64	21.158	3030	3033	3039	rVB2	108049	138098	3.82%	0.423%
65	21.222	3042	3044	3045	rBV2	8642	6617	0.18%	0.020%
66	21.346	3059	3065	3072	rBV	269725	471196	13.02%	1.444%
67	21.710	3120	3127	3134	rBV2	585389	973581	26.91%	2.984%
68	21.904	3156	3160	3165	rBV8	12827	24552	0.68%	0.075%
69	22.174	3204	3206	3208	rBV3	6711	3933	0.11%	0.012%
70	22.227	3211	3215	3219	rVV7	28343	43239	1.20%	0.133%
71	22.274	3219	3223	3228	rVB3	42976	64805	1.79%	0.199%

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72	23.008	3346	3348	3351	rBV4	6908	9605	0.27%	0.029%
73	23.138	3368	3370	3375	rBV6	11821	18753	0.52%	0.057%
74	23.208	3378	3382	3387	rVB5	27819	52713	1.46%	0.162%
75	23.696	3461	3465	3474	rVB4	47997	87242	2.41%	0.267%
76	23.761	3474	3476	3478	rBV3	8304	6381	0.18%	0.020%
77	23.819	3481	3486	3493	rVB9	19639	43184	1.19%	0.132%
78	24.019	3515	3520	3526	rVB3	36240	63592	1.76%	0.195%
79	24.736	3630	3642	3653	rBV	1148663	3278934	90.63%	10.051%
80	24.953	3669	3679	3691	rVB	357355	1054077	29.14%	3.231%
81	25.118	3706	3707	3711	rBV3	8016	10493	0.29%	0.032%
82	25.600	3787	3789	3791	rBV3	7421	7421	0.21%	0.023%
83	26.122	3870	3878	3885	rVB5	42318	118290	3.27%	0.363%
84	27.480	4106	4109	4111	rBV4	15842	19916	0.55%	0.061%
85	30.329	4592	4594	4596	rBV2	6561	6085	0.17%	0.019%
86	31.093	4722	4724	4725	rBV2	9674	8885	0.25%	0.027%

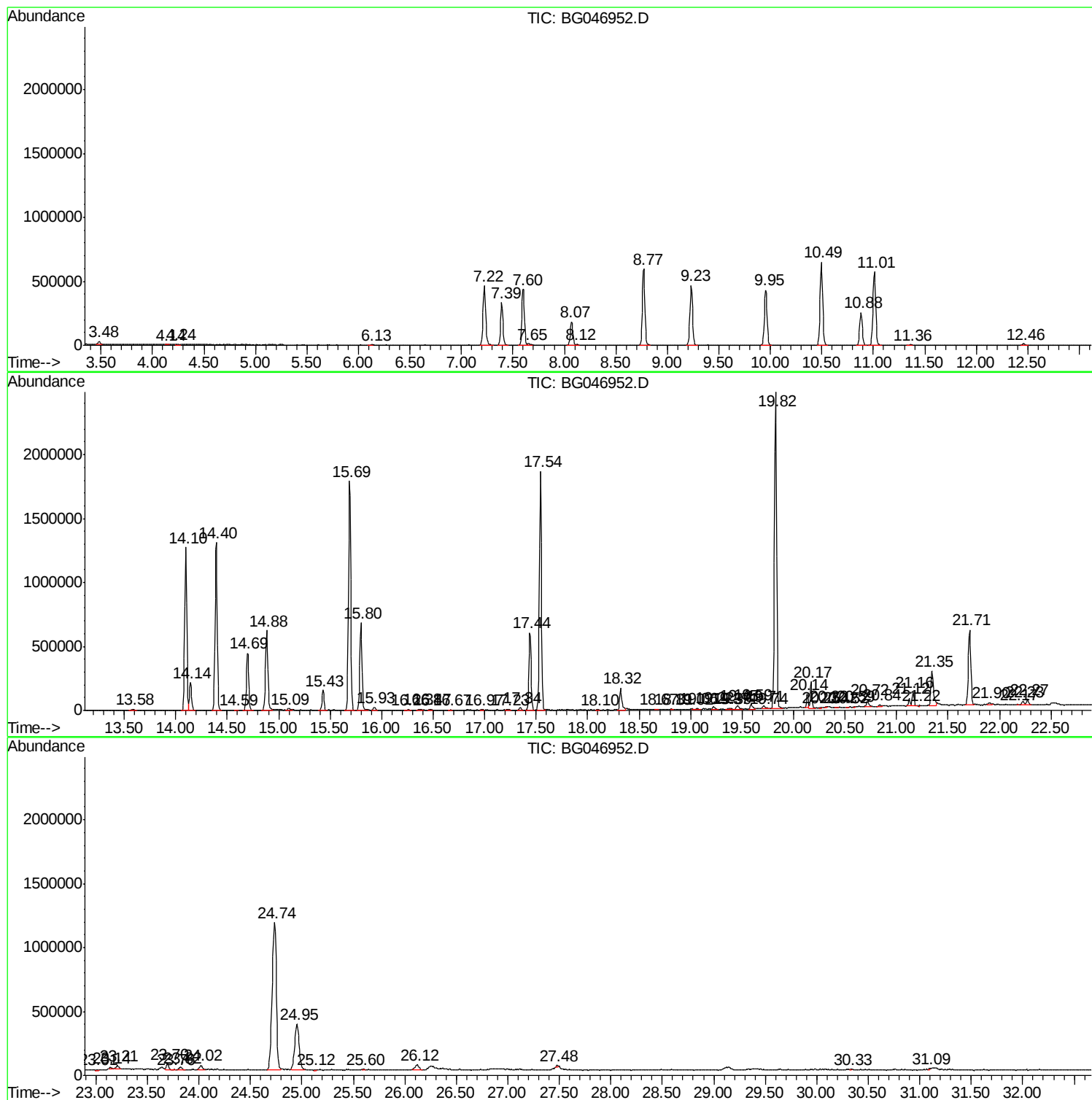
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



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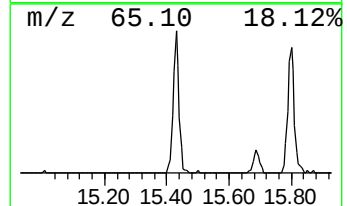
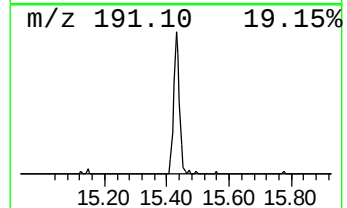
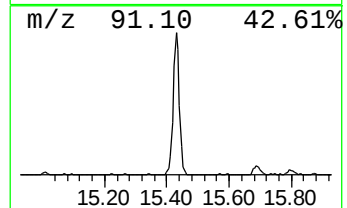
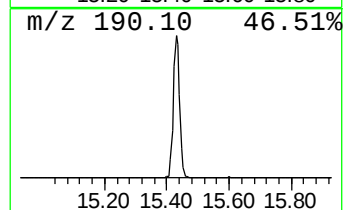
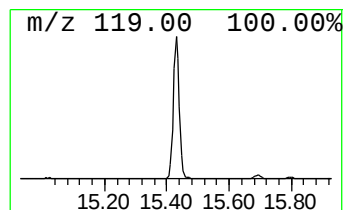
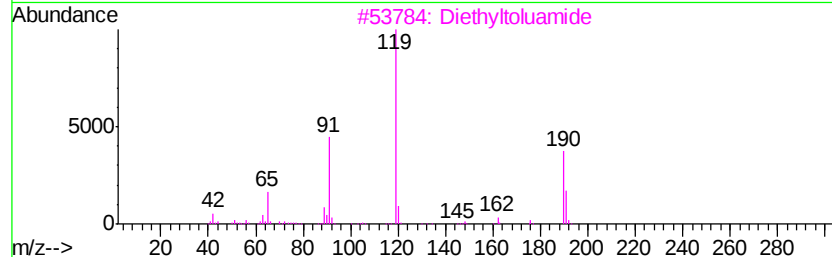
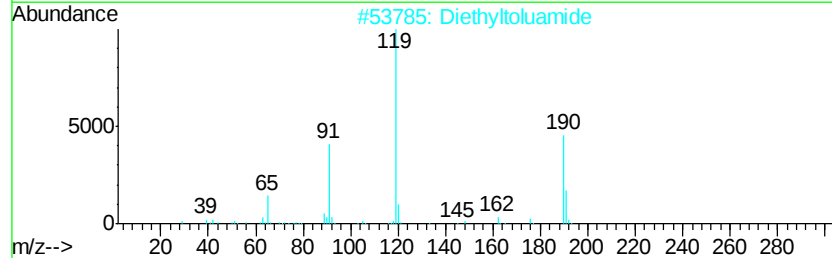
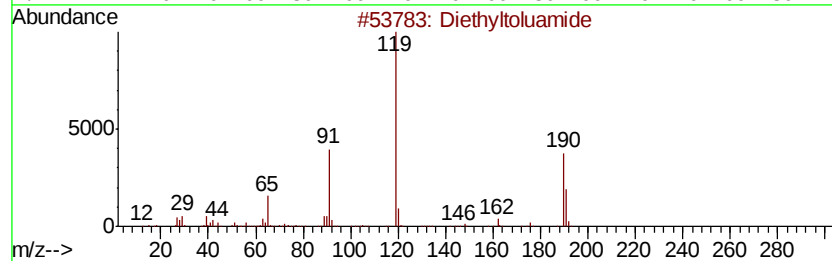
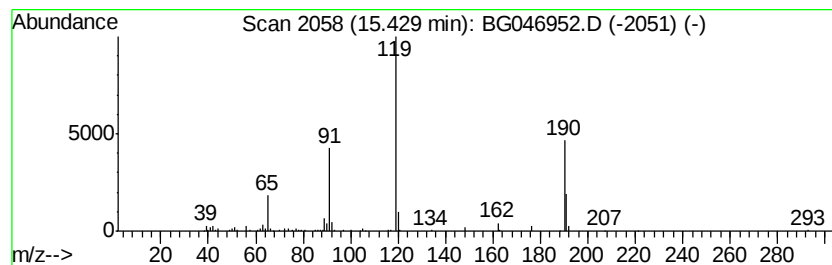
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.07 ng/ul	214101	Acenaphthene-d10	14.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 96
2	Diethyltoluamide	191	C12H17NO	000134-62-3 96
3	Diethyltoluamide	191	C12H17NO	000134-62-3 96
4	Diethyltoluamide	191	C12H17NO	000134-62-3 91
5	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 87



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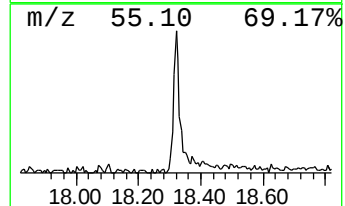
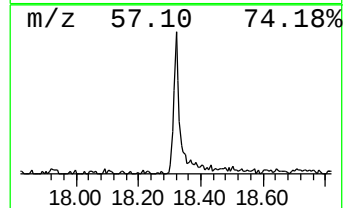
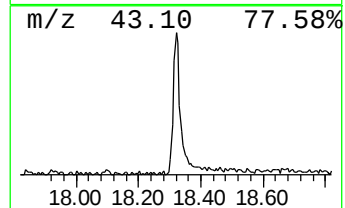
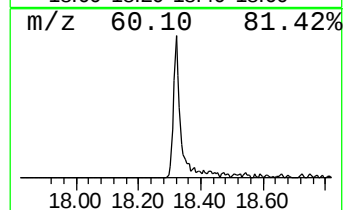
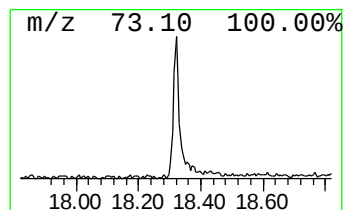
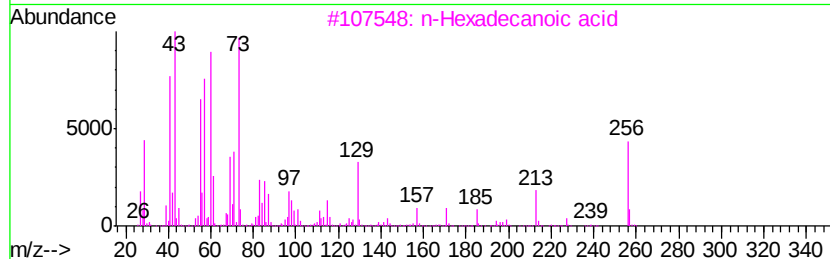
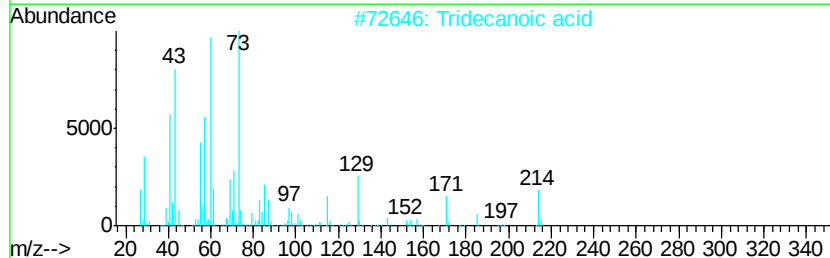
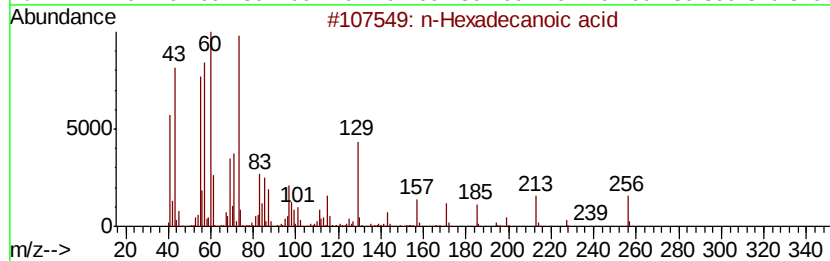
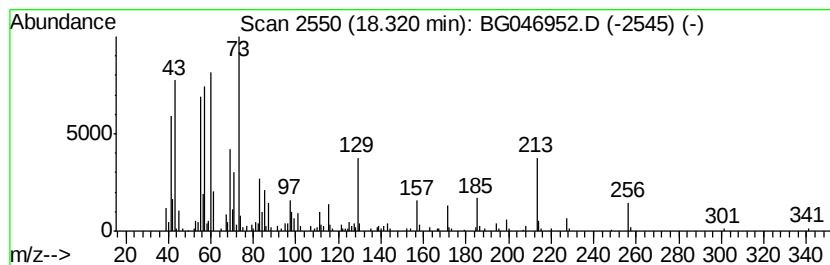
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.32	5.45 ng/ul	251019	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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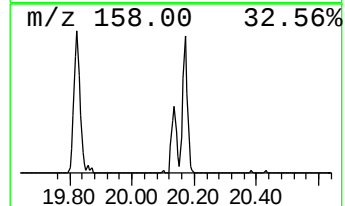
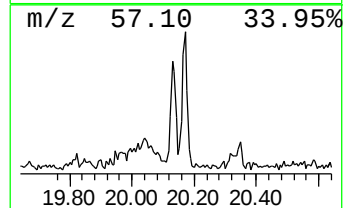
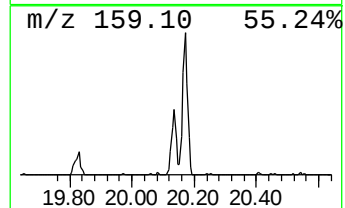
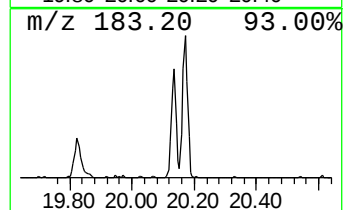
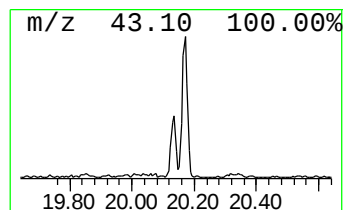
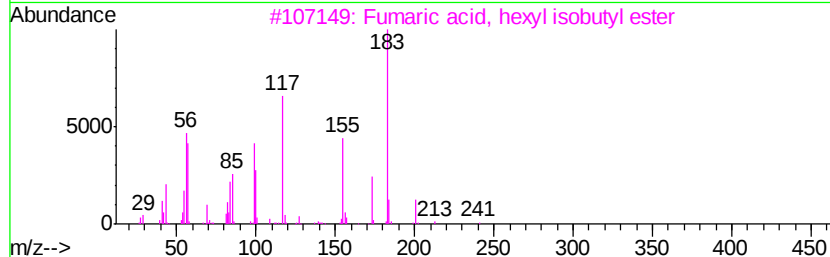
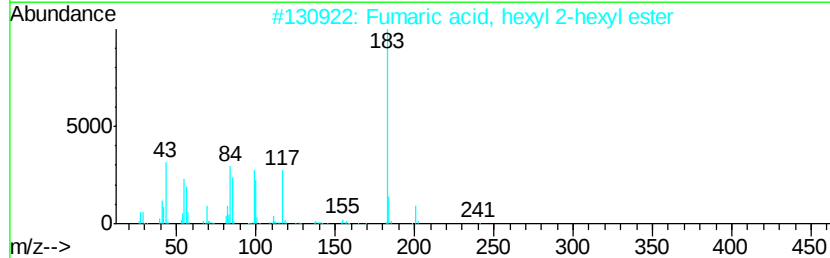
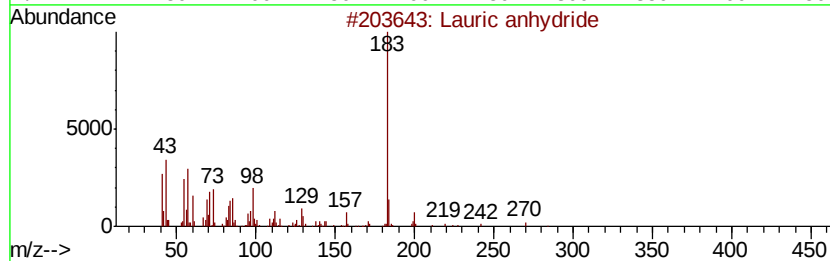
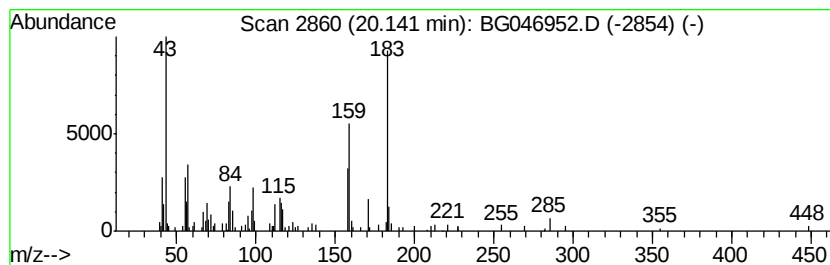
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	2.50 ng/ul	121484	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lauric anhydride	382	C24H46O3	000645-66-9	46
2		Fumaric acid, hexyl 2-hexyl ester	284	C16H28O4	1000348-74-5	43
3		Fumaric acid, hexyl isobutyl ester	256	C14H24O4	1000330-43-0	38
4		Aminoacetic acid, 2-(2-fluoro-4,...	285	C13H16FN05	1000127-07-7	35
5		2-Methyl-6-(4-methylphenyl)pyridine	183	C13H13N	101893-57-6	32



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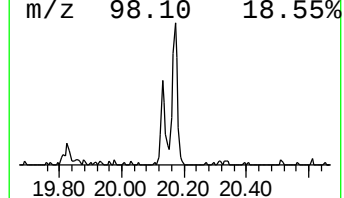
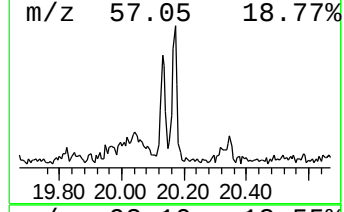
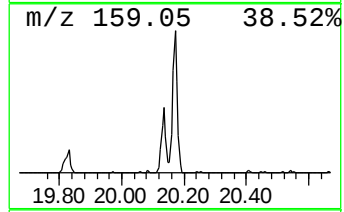
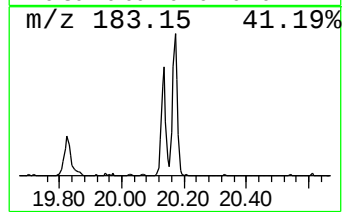
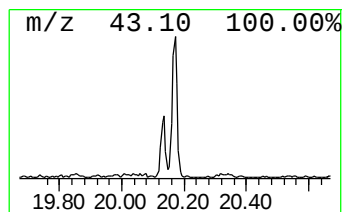
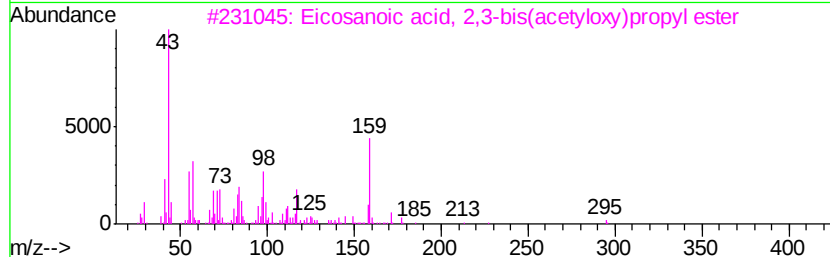
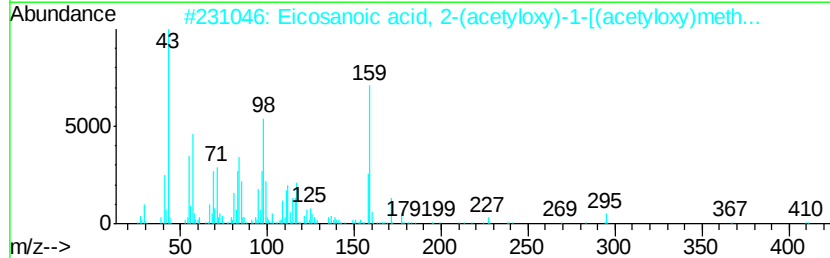
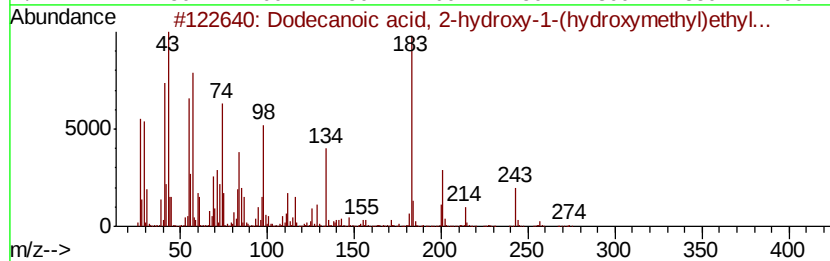
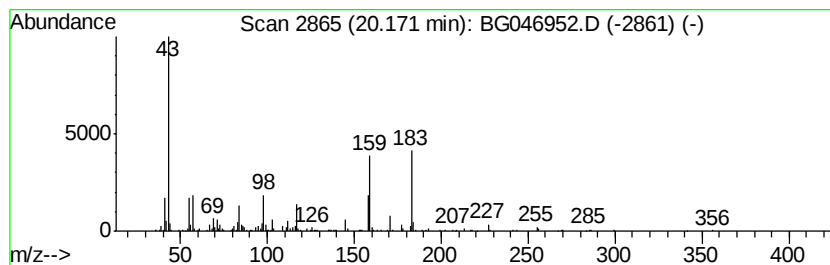
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	4.81 ng/ul	234023	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	13
2		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12
3		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	10
4		Acetic acid, 6-iodo-9-oxabicyclo...	310	C10H15IO3	1000190-80-0	9
5		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046952.D
Acq On : 17 Oct 2020 23:02
Operator : CG/JU
Sample : L4201-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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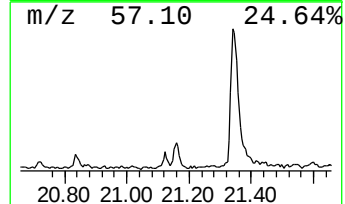
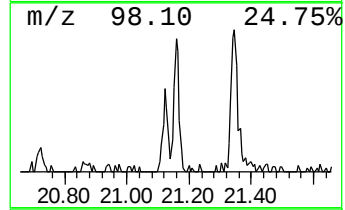
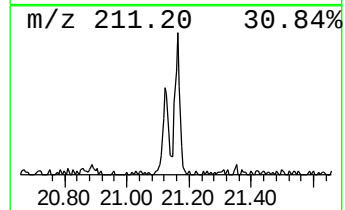
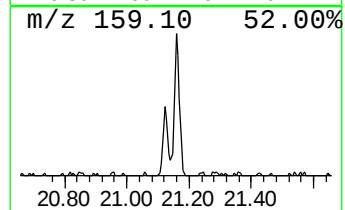
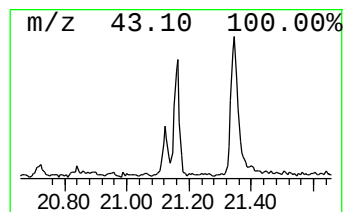
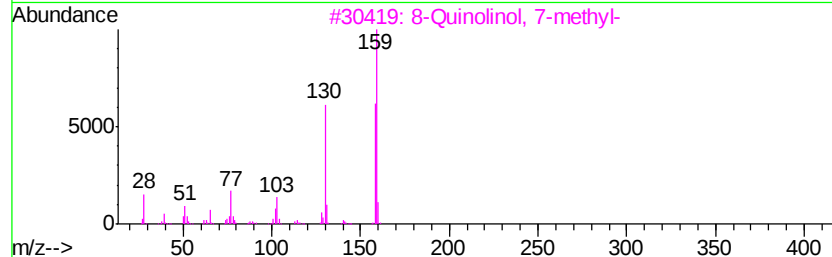
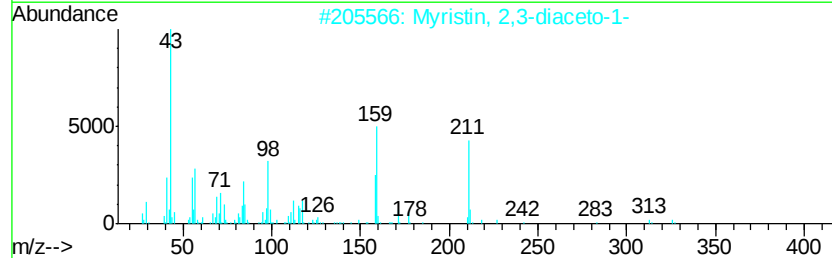
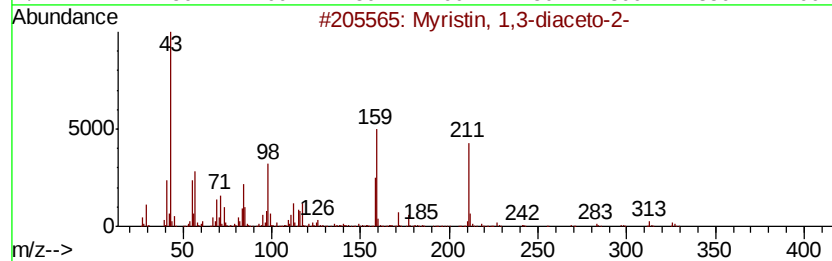
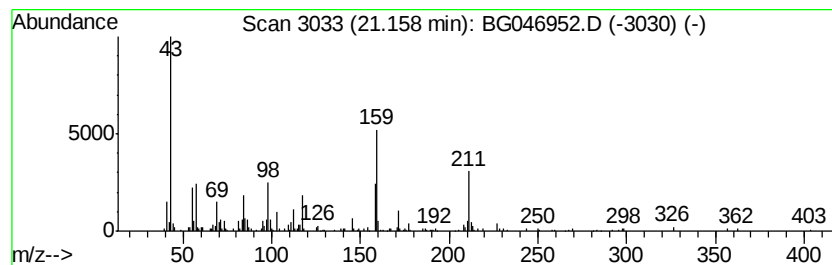
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Myristin, 1,3-diaceto-2- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.84 ng/ul	138098	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	52
2		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	50
3		8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	27
4		2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	25
5		Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046952.D
Acq On : 17 Oct 2020 23:02
Operator : CG/JU
Sample : L4201-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

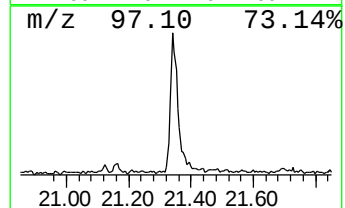
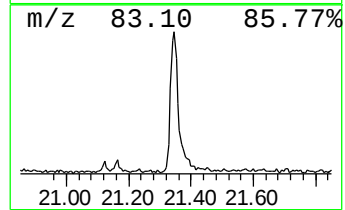
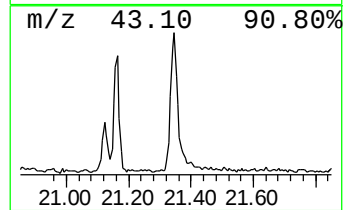
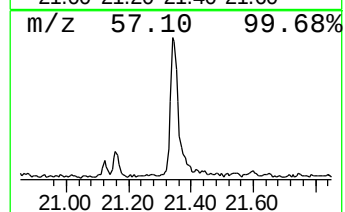
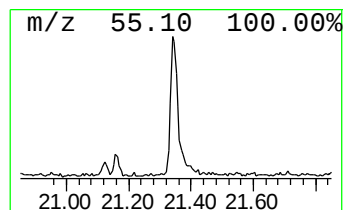
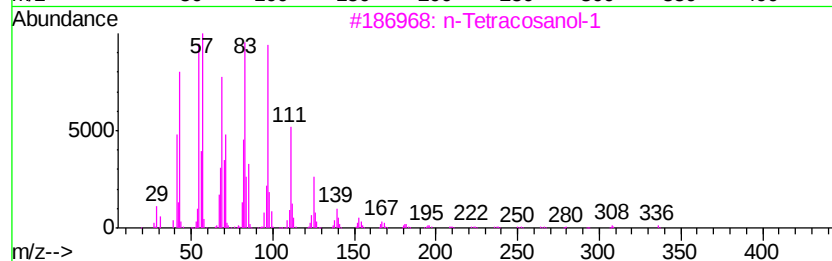
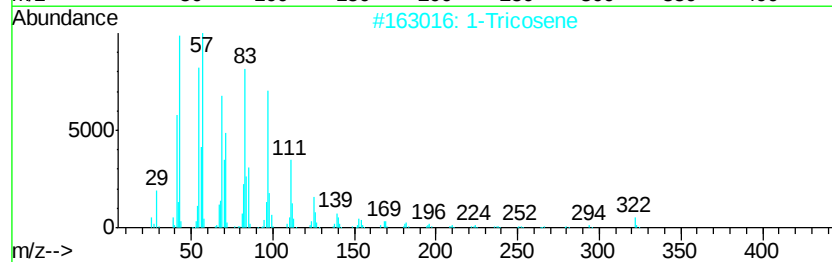
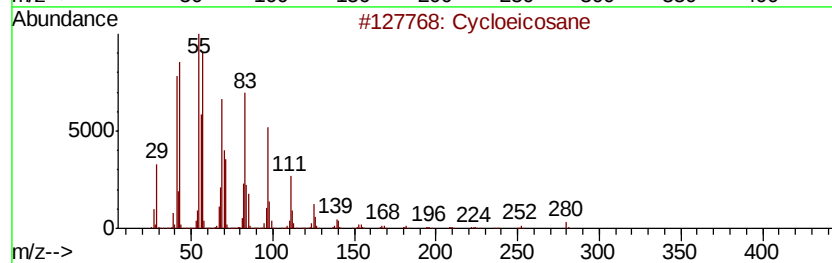
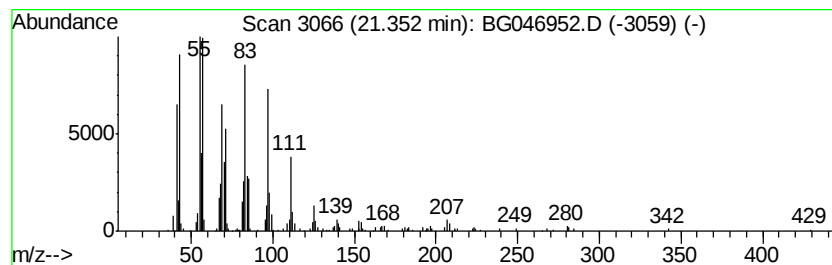
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.35	9.68 ng/ul	471196	Chrysene-d12	21.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcloeicosane	280	C20H40	000296-56-0	97
2	1-Tricosene	322	C23H46	018835-32-0	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046952.D
Acq On : 17 Oct 2020 23:02
Operator : CG/JU
Sample : L4201-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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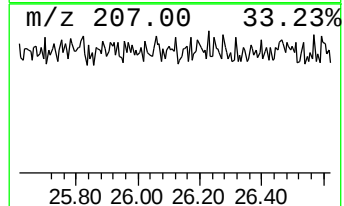
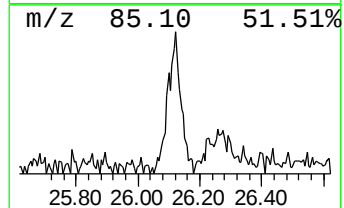
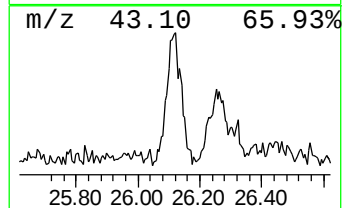
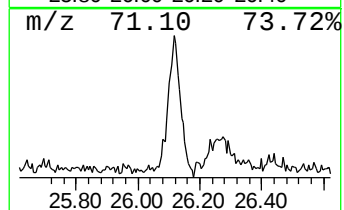
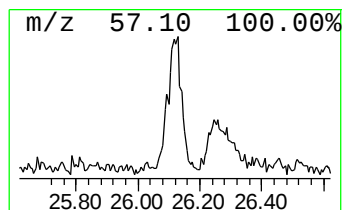
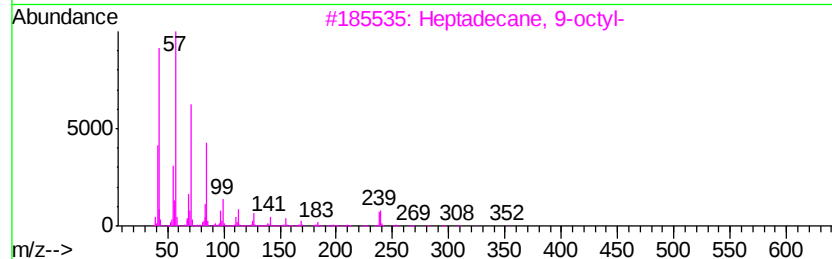
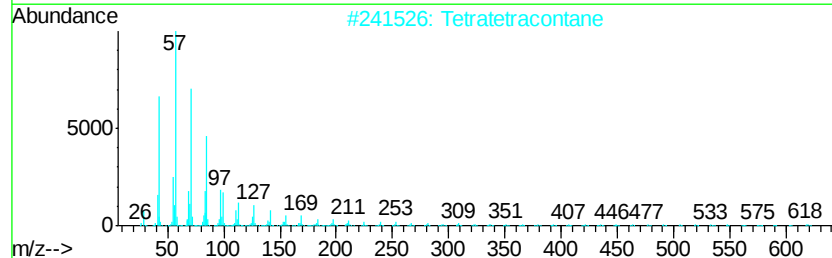
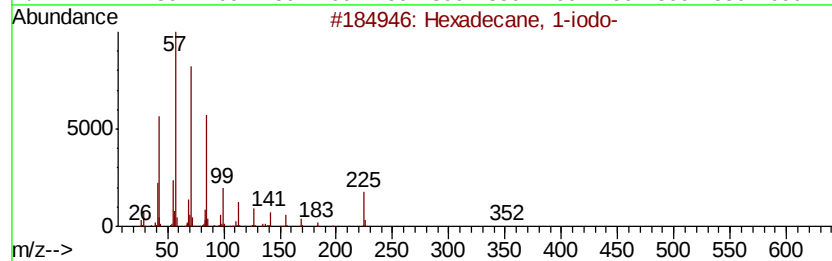
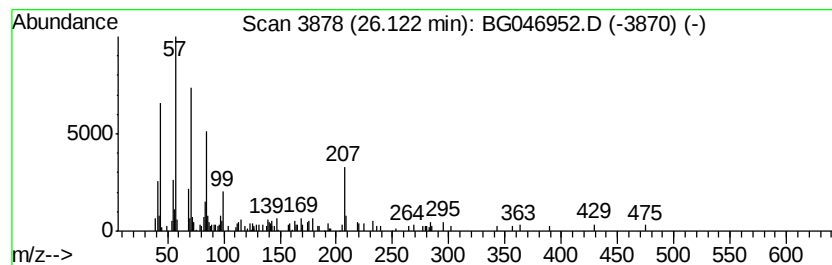
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	2.24 ng/ul	118290	Perylene-d12	24.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	59
2		Tetratetracontane	619	C44H90	007098-22-8	59
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046952.D
Acq On : 17 Oct 2020 23:02
Operator : CG/JU
Sample : L4201-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA 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
Diethyltoluamide	15.43	6.1	ng/ul	214101	3	14.69	705000	20.0
n-Hexadecanoic acid	18.32	5.5	ng/ul	251019	4	17.44	920920	20.0
unknown-01	20.14	2.5	ng/ul	121484	5	21.71	973581	20.0
unknown-02	20.17	4.8	ng/ul	234023	5	21.71	973581	20.0
Myristin, 1,3-dia...	21.16	2.8	ng/ul	138098	5	21.71	973581	20.0
(DEL) Alkane: Cyc...	21.35	9.7	ng/ul	471196	5	21.71	973581	20.0
Hexadecane, 1-iodo-	26.12	2.2	ng/ul	118290	6	24.95	1054080	20.0