

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046764.D
 Acq On : 3 Oct 2020 9:48
 Operator : CG/JU
 Sample : L4150-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7K0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: 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-BG092920MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG046764.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.532	30	33	36	rVV3	11454	13557	0.90%	0.069%
2	3.978	108	109	115	rBV3	2128	3761	0.25%	0.019%
3	4.184	138	144	150	rVB4	8909	19757	1.32%	0.101%
4	4.290	157	162	165	rBV3	10661	14143	0.94%	0.072%
5	4.495	192	197	203	rBV2	31849	50157	3.35%	0.257%
6	4.642	216	222	230	rVB6	11176	18939	1.26%	0.097%
7	4.907	262	267	274	rVB2	23465	35194	2.35%	0.180%
8	5.195	314	316	321	rBV4	3993	5437	0.36%	0.028%
9	5.588	377	383	390	rBV2	24781	37565	2.51%	0.192%
10	6.152	475	479	483	rVB6	5881	9599	0.64%	0.049%
11	6.969	613	618	623	rBV5	2515	5615	0.37%	0.029%
12	7.051	627	632	637	rBV7	5013	9115	0.61%	0.047%
13	7.198	650	657	660	rBV5	12798	21469	1.43%	0.110%
14	7.251	660	666	675	rVB	197855	351651	23.45%	1.802%
15	7.427	690	696	705	rVV	137589	237288	15.83%	1.216%
16	7.639	726	732	739	rVB	190529	326762	21.79%	1.674%
17	7.739	744	749	751	rVV6	4276	6609	0.44%	0.034%
18	7.797	754	759	762	rVB4	4445	7202	0.48%	0.037%
19	8.109	804	812	819	rBV	278180	474571	31.65%	2.431%
20	8.344	848	852	857	rBV5	4691	6725	0.45%	0.034%
21	8.696	908	912	919	rBV6	6140	9038	0.60%	0.046%
22	8.802	924	930	941	rBV2	250438	444199	29.63%	2.276%
23	8.931	947	952	959	rBV2	17590	31974	2.13%	0.164%
24	9.266	1003	1009	1017	rVB	192154	347247	23.16%	1.779%
25	9.348	1017	1023	1026	rBV5	3354	6492	0.43%	0.033%
26	9.431	1031	1037	1043	rVB4	19740	32791	2.19%	0.168%
27	9.613	1063	1068	1072	rBV4	3927	7648	0.51%	0.039%
28	9.701	1077	1083	1087	rVB7	6605	9952	0.66%	0.051%
29	9.995	1125	1133	1140	rBV	165332	293156	19.55%	1.502%
30	10.318	1183	1188	1192	rBV5	4163	8364	0.56%	0.043%
31	10.430	1201	1207	1214	rBV3	35379	62628	4.18%	0.321%
32	10.535	1217	1225	1232	rVB	263706	462032	30.82%	2.367%
33	10.670	1244	1248	1251	rBV3	2188	4487	0.30%	0.023%
34	10.923	1282	1291	1298	rBV	382650	684622	45.66%	3.508%
35	11.046	1303	1312	1320	rVV	194968	352806	23.53%	1.808%
36	11.123	1320	1325	1328	rVB3	3168	6052	0.40%	0.031%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
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37	11.446	1376	1380	1384	rVV	3424	4315	0.29%	0.022%
38	11.569	1396	1401	1408	rVB5	4923	10489	0.70%	0.054%
39	11.693	1416	1422	1424	rBV4	5069	9467	0.63%	0.049%
40	11.851	1444	1449	1452	rVB4	6955	8771	0.59%	0.045%
41	11.940	1459	1464	1466	rBV4	4379	7552	0.50%	0.039%
42	12.239	1511	1515	1517	rVV3	2986	3891	0.26%	0.020%
43	12.333	1529	1531	1536	rVB4	3482	4989	0.33%	0.026%
44	12.451	1547	1551	1555	rBV6	3403	4484	0.30%	0.023%
45	12.498	1555	1559	1562	rBV3	4911	6959	0.46%	0.036%
46	12.568	1567	1571	1577	rVB3	6038	9718	0.65%	0.050%
47	13.103	1659	1662	1665	rVB4	4089	5034	0.34%	0.026%
48	13.179	1672	1675	1679	rBV5	7118	8776	0.59%	0.045%
49	13.238	1681	1685	1688	rBV4	2976	4694	0.31%	0.024%
50	13.344	1699	1703	1705	rBV3	6771	8576	0.57%	0.044%
51	13.596	1744	1746	1749	rVV2	5807	6420	0.43%	0.033%
52	13.690	1760	1762	1767	rVB5	4526	6403	0.43%	0.033%
53	14.131	1830	1837	1842	rVV	501112	725263	48.37%	3.716%
54	14.178	1842	1845	1849	rVV2	23390	26848	1.79%	0.138%
55	14.366	1874	1877	1880	rBV4	7529	11132	0.74%	0.057%
56	14.425	1880	1887	1898	rVB	508437	813509	54.26%	4.168%
57	14.589	1909	1915	1919	rBV3	13890	22357	1.49%	0.115%
58	14.625	1919	1921	1928	rVB5	6337	7880	0.53%	0.040%
59	14.730	1931	1939	1947	rBV	641500	1045439	69.73%	5.356%
60	14.901	1959	1968	1976	rBV	250714	401172	26.76%	2.055%
61	15.130	2001	2007	2011	rBV3	32317	49833	3.32%	0.255%
62	15.383	2049	2050	2056	rVB6	6351	7477	0.50%	0.038%
63	15.529	2070	2075	2079	rVV5	7301	15045	1.00%	0.077%
64	15.571	2079	2082	2088	rVB3	5220	10391	0.69%	0.053%
65	15.723	2101	2108	2115	rBV	702006	1047838	69.89%	5.369%
66	15.823	2120	2125	2132	rVV	169311	258128	17.22%	1.323%
67	15.964	2144	2149	2153	rBV5	12057	18607	1.24%	0.095%
68	16.064	2165	2166	2174	rVB8	4962	9447	0.63%	0.048%
69	16.264	2196	2200	2201	rBV4	4663	6833	0.46%	0.035%
70	16.287	2201	2204	2210	rVB6	11737	16584	1.11%	0.085%
71	16.434	2226	2229	2234	rBV5	6800	10679	0.71%	0.055%
72	16.587	2251	2255	2257	rBV4	7469	7183	0.48%	0.037%
73	16.787	2286	2289	2295	rBV5	14863	22754	1.52%	0.117%
74	17.116	2343	2345	2349	rVV5	5763	6953	0.46%	0.036%
75	17.233	2358	2365	2367	rBV6	10396	16170	1.08%	0.083%
76	17.392	2389	2392	2397	rVB6	8155	11173	0.75%	0.057%

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77	17.474	2399	2406	2411	rBV	852383	1296076	86.45%	6.640%
78	17.515	2411	2413	2417	rVV	63103	76502	5.10%	0.392%
79	17.574	2417	2423	2432	rVB2	699763	1136773	75.82%	5.824%
80	17.639	2432	2434	2436	rBV3	4031	4520	0.30%	0.023%
81	17.850	2467	2470	2472	rBV4	10778	14061	0.94%	0.072%
82	17.974	2487	2491	2495	rBV7	9012	16545	1.10%	0.085%
83	18.144	2516	2520	2524	rVB6	9483	12396	0.83%	0.064%
84	18.356	2552	2556	2560	rBV2	99520	129774	8.66%	0.665%
85	18.432	2567	2569	2573	rVB	16498	16773	1.12%	0.086%
86	18.538	2585	2587	2592	rVB5	11135	14495	0.97%	0.074%
87	19.084	2678	2680	2684	rBV5	15274	20815	1.39%	0.107%
88	19.249	2706	2708	2712	rBV5	18490	23286	1.55%	0.119%
89	19.372	2726	2729	2732	rBV4	29260	37011	2.47%	0.190%
90	19.519	2750	2754	2760	rVB	153565	219455	14.64%	1.124%
91	19.566	2760	2762	2767	rBV6	22015	28218	1.88%	0.145%
92	19.625	2769	2772	2776	rVB6	39872	42648	2.84%	0.219%
93	19.854	2806	2811	2822	rVB2	914385	1499259	100.00%	7.681%
94	21.387	3069	3072	3079	rVB3	226148	367402	24.51%	1.882%
95	21.752	3127	3134	3139	rBV2	841561	1446942	96.51%	7.413%
96	24.125	3533	3538	3542	rBV2	158556	317978	21.21%	1.629%
97	24.178	3542	3547	3562	rVB3	292254	772240	51.51%	3.957%
98	24.801	3646	3653	3661	rVB	392861	999861	66.69%	5.123%
99	25.030	3684	3692	3700	rVB	441011	1158065	77.24%	5.933%
100	26.270	3896	3903	3914	rVB2	263089	769206	51.31%	3.941%

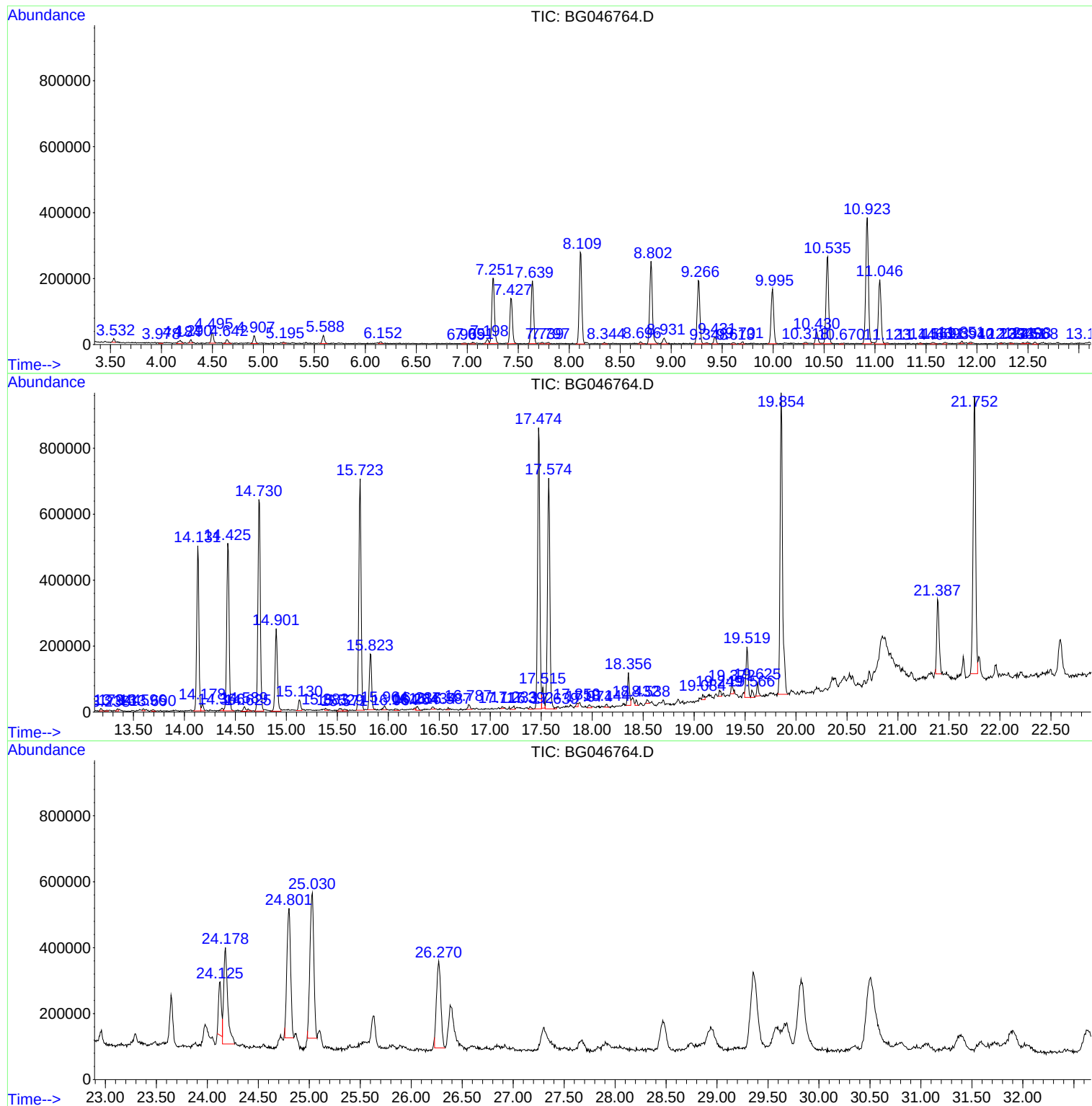
Sum of corrected areas: 19518138

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



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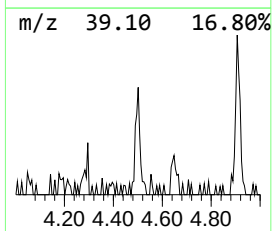
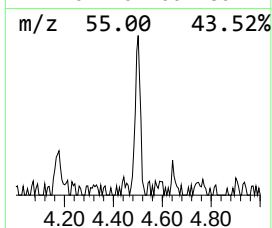
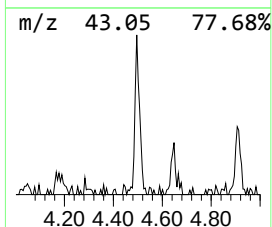
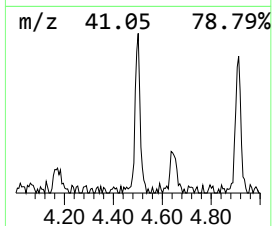
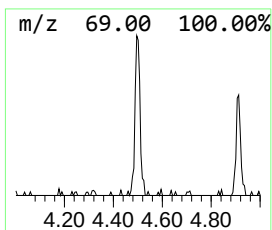
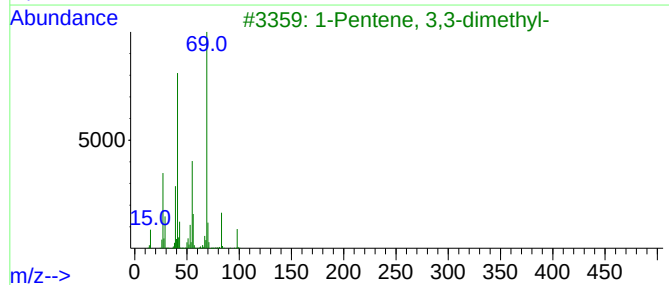
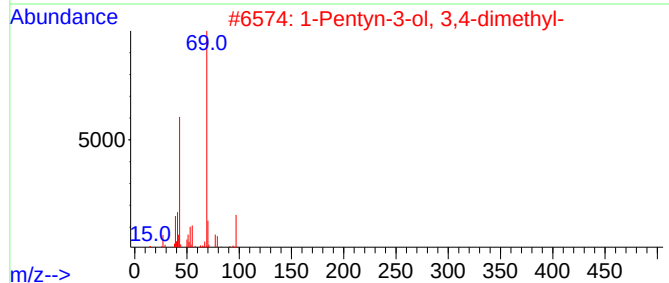
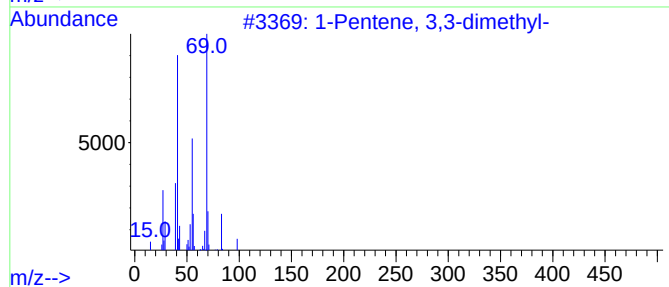
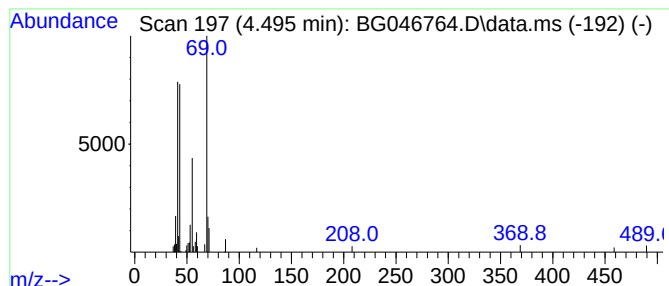
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.500	2.11 ng/ul	50157	1,4-Dichlorobenzene-d4	8.109

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	45
2		1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	40
3		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38
4		2-Butyn-1-ol	70	C4H6O	000764-01-2	36
5		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	33



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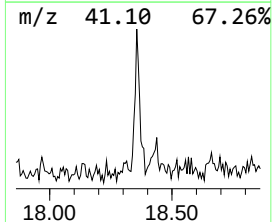
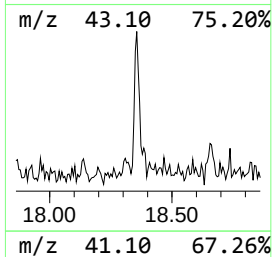
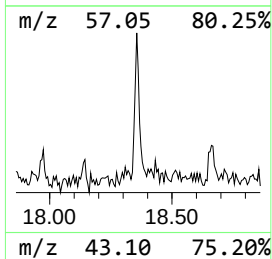
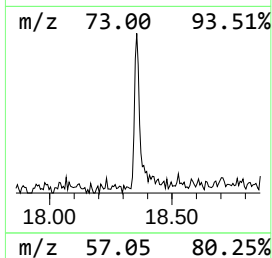
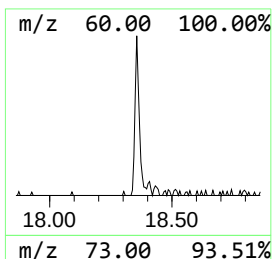
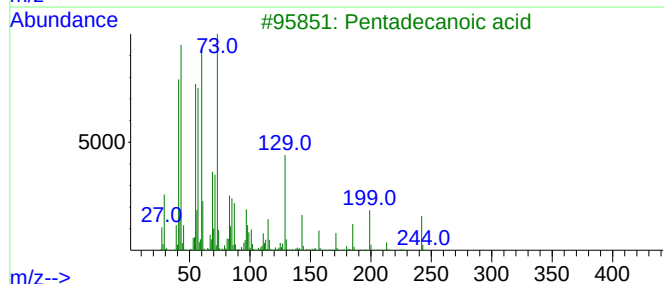
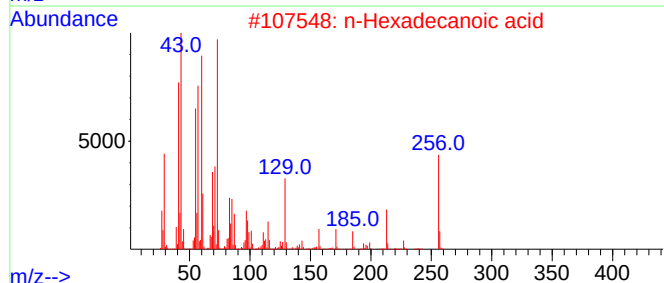
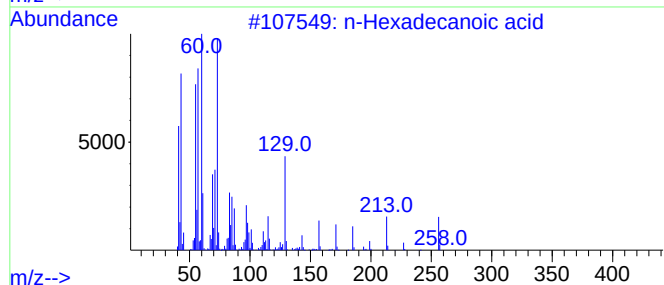
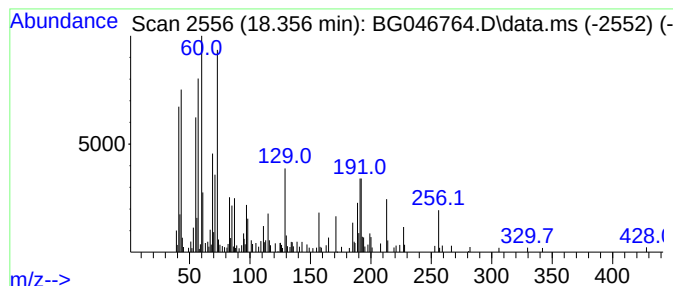
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	2.00 ng/ul	129774	Phenanthrene-d10	17.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4			Tridecanoic acid	214	C13H26O2	000638-53-9	49
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49



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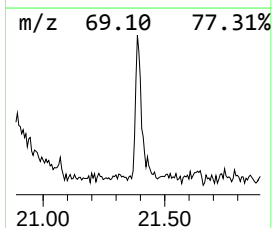
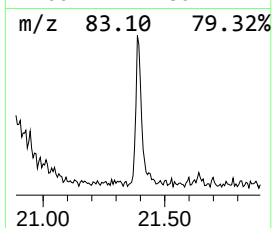
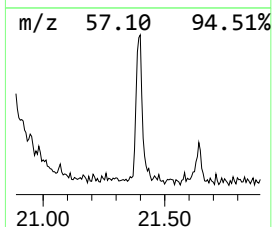
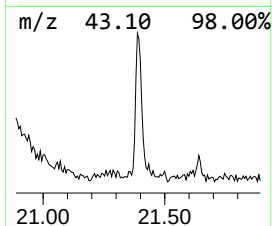
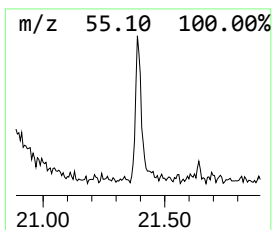
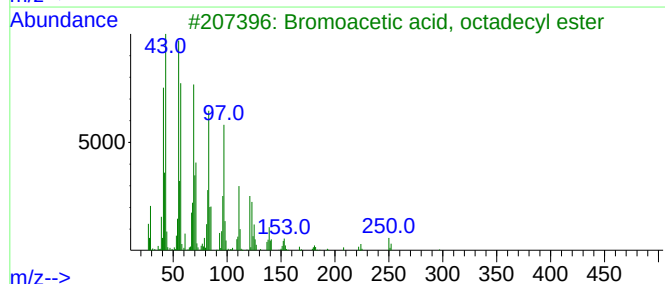
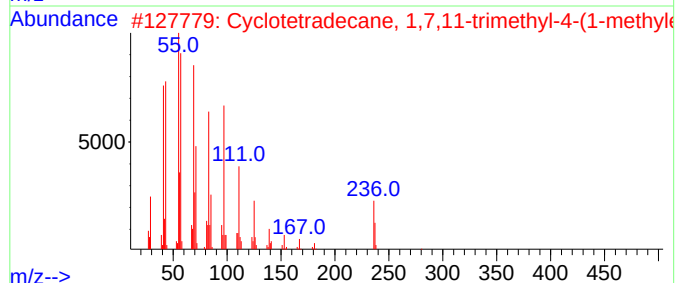
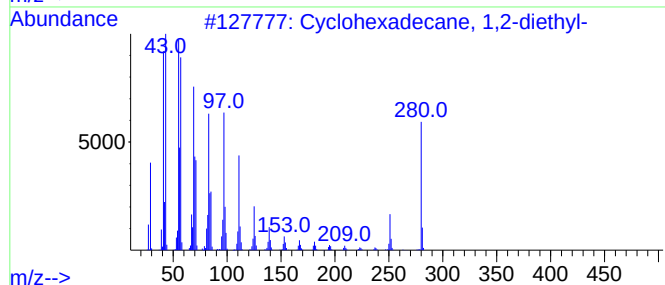
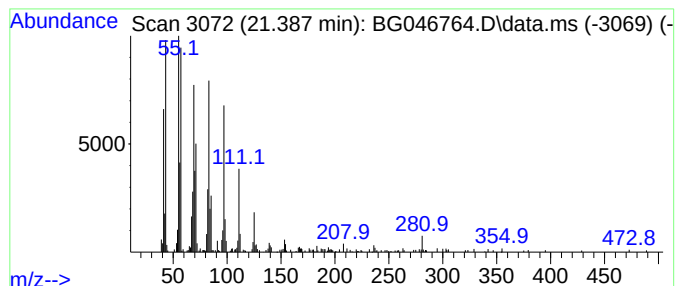
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	5.08 ng/ul	367402	Chrysene-d12	21.752

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2			Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	91
3			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5			17-Pentatriacontene	491	C35H70	006971-40-0	87



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Acq On : 3 Oct 2020 9:48
Operator : CG/JU
Sample : L4150-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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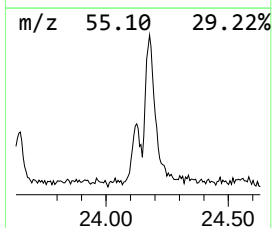
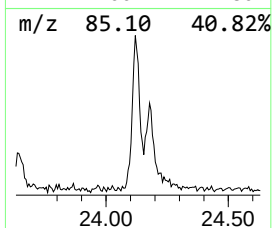
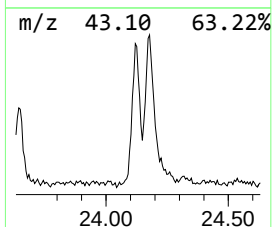
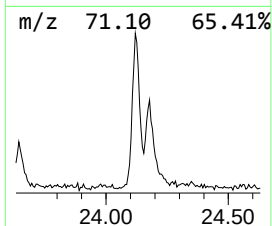
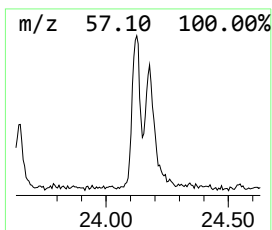
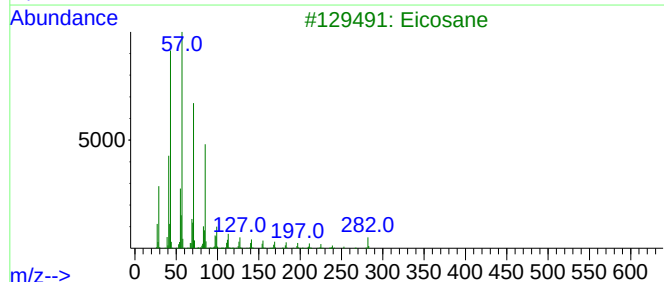
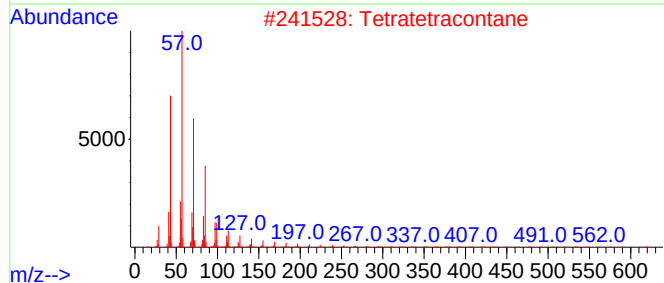
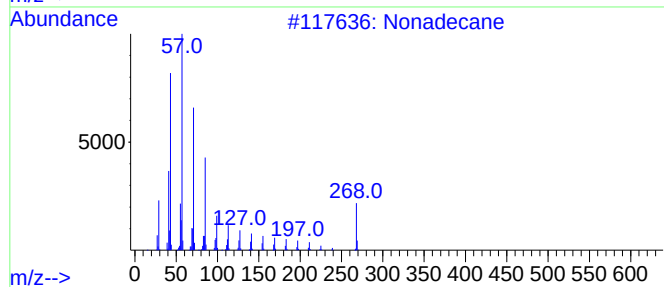
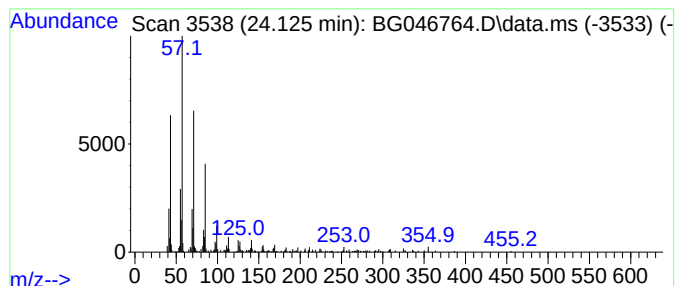
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.130	5.49 ng/ul	317978	Perylene-d12	25.030

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Eicosane	282	C20H42	000112-95-8	83
4			Docosane	310	C22H46	000629-97-0	83
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046764.D
Acq On : 3 Oct 2020 9:48
Operator : CG/JU
Sample : L4150-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7K0

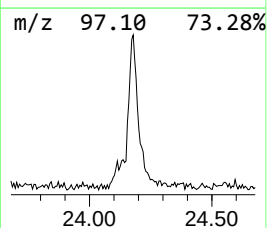
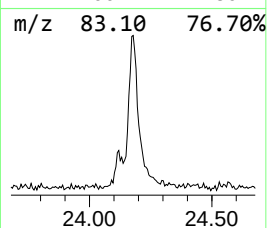
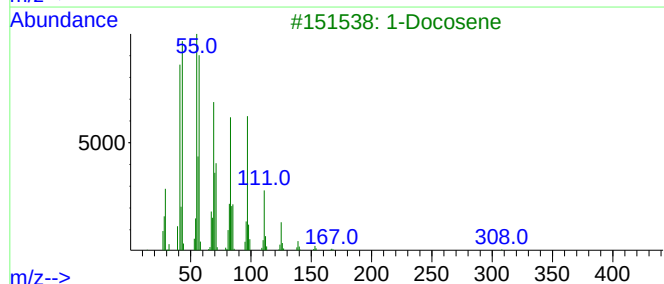
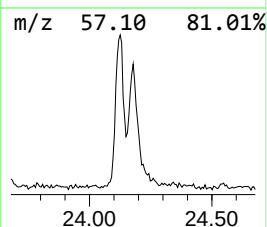
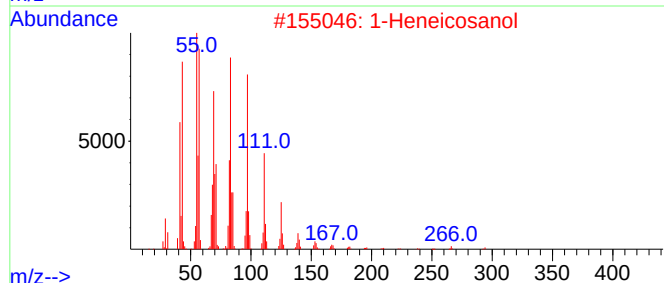
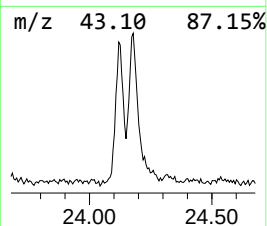
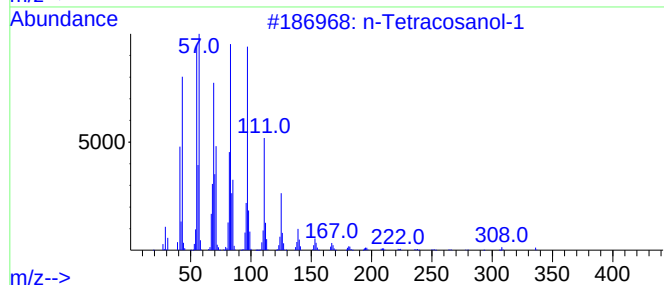
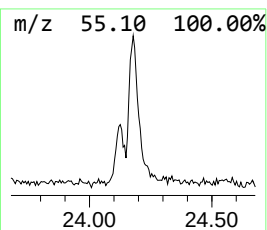
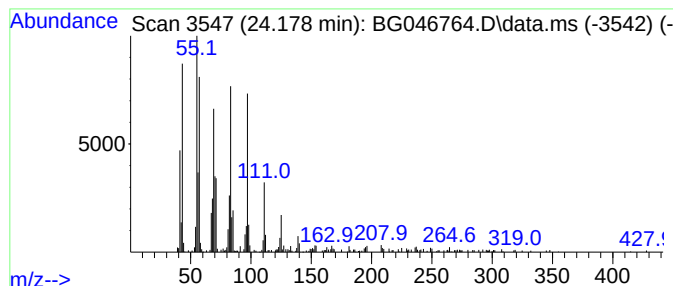
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.180	13.34 ng/ul	772240	Perylene-d12	25.030

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			1-Docosene	308	C22H44	001599-67-3	94
4			1-Docosene	308	C22H44	001599-67-3	91
5			Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046764.D
Acq On : 3 Oct 2020 9:48
Operator : CG/JU
Sample : L4150-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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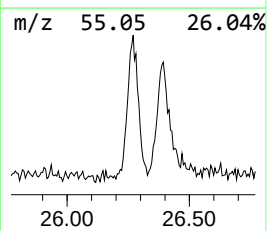
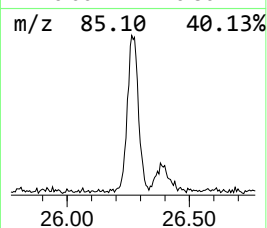
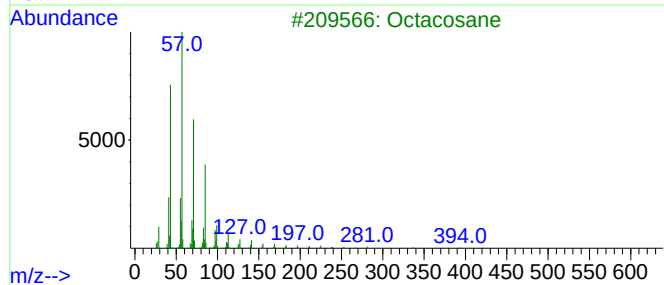
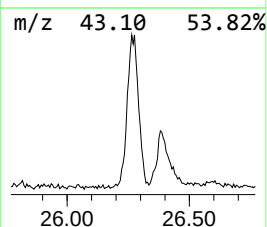
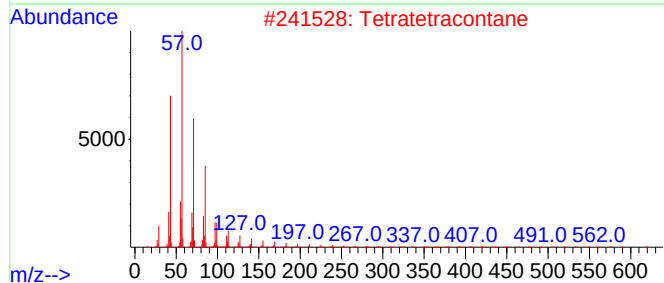
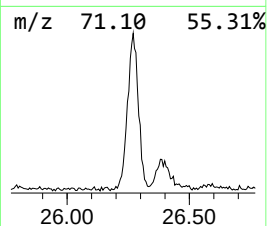
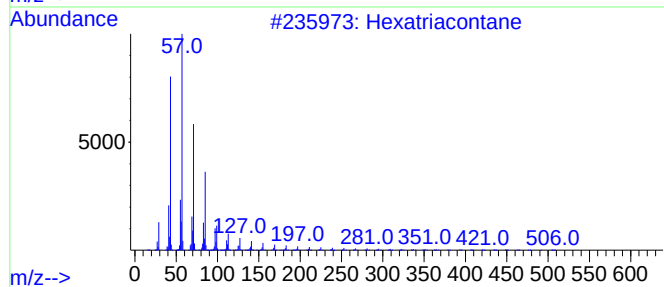
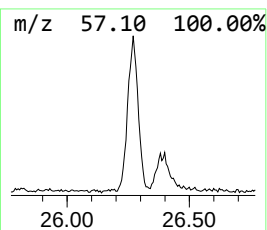
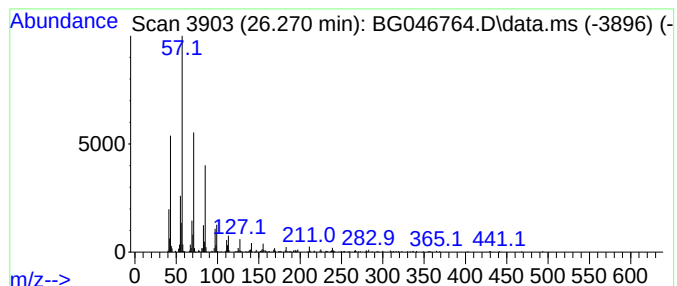
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.270	13.28 ng/ul	769206	Perylene-d12	25.030

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	90
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5			Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046764.D
Acq On : 3 Oct 2020 9:48
Operator : CG/JU
Sample : L4150-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7K0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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
(DEL) Alkane: S...	4.500	2.1	ng/ul	50157	1	8.109	474571	20.0
n-Hexadecanoic ...	18.360	2.0	ng/ul	129774	4	17.474	1296080	20.0
(DEL) Alkane: C...	21.390	5.1	ng/ul	367402	5	21.752	1446940	20.0
(DEL) Alkane: S...	24.130	5.5	ng/ul	317978	6	25.030	1158070	20.0
n-Tetracosanol-1	24.180	13.3	ng/ul	772240	6	25.030	1158070	20.0
(DEL) Alkane: S...	26.270	13.3	ng/ul	769206	6	25.030	1158070	20.0