

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022763.D
 Acq On : 1 Jul 2016 18:24
 Operator : UM/SJ
 Sample : H3811-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	4.848	339	342	344	rBV4	8784	7790	0.22%	0.018%
2	4.971	360	363	367	rBV4	5084	9431	0.27%	0.022%
3	5.136	388	391	393	rBV2	10089	10861	0.31%	0.025%
4	5.400	435	436	440	rVB3	7815	8626	0.25%	0.020%
5	5.441	440	443	445	rBV3	8753	12259	0.35%	0.029%
6	5.905	520	522	524	rBV2	7166	7721	0.22%	0.018%
7	6.211	572	574	577	rVB4	6449	7417	0.21%	0.017%
8	6.563	632	634	638	rBV3	8357	11862	0.34%	0.028%
9	7.310	753	761	771	rVB2	453372	885621	25.29%	2.062%
10	7.474	783	789	797	rVV	294794	492637	14.07%	1.147%
11	7.556	800	803	804	rBV3	9153	7219	0.21%	0.017%
12	7.691	818	826	833	rBV	381988	686954	19.62%	1.600%
13	7.762	835	838	841	rBV5	8584	11190	0.32%	0.026%
14	7.926	862	866	868	rBV3	4964	8325	0.24%	0.019%
15	7.944	868	869	874	rVB3	7333	7275	0.21%	0.017%
16	8.032	881	884	888	rVB5	7061	9608	0.27%	0.022%
17	8.161	897	906	915	rBV	471618	827426	23.63%	1.927%
18	8.396	943	946	948	rVB3	7172	8135	0.23%	0.019%
19	8.584	975	978	979	rVB2	7843	6937	0.20%	0.016%
20	8.608	979	982	983	rBV3	6568	6967	0.20%	0.016%
21	8.861	1019	1025	1033	rVV2	508002	881236	25.16%	2.052%
22	9.331	1099	1105	1115	rVB	417535	740657	21.15%	1.725%
23	9.413	1115	1119	1120	rBV2	9798	11400	0.33%	0.027%
24	9.483	1129	1131	1135	rVB4	9100	9891	0.28%	0.023%
25	9.718	1166	1171	1177	rBV8	13183	22660	0.65%	0.053%
26	10.059	1220	1229	1238	rBV2	348503	680566	19.43%	1.585%
27	10.183	1247	1250	1252	rBV2	10872	13767	0.39%	0.032%
28	10.324	1271	1274	1279	rVB5	6260	11881	0.34%	0.028%
29	10.600	1315	1321	1331	rVB2	582797	1069502	30.54%	2.490%
30	10.794	1352	1354	1356	rVB3	8701	7206	0.21%	0.017%
31	10.864	1360	1366	1368	rBV4	5211	8624	0.25%	0.020%
32	10.988	1379	1387	1395	rBV	707315	1313835	37.52%	3.059%
33	11.117	1402	1409	1419	rBV2	233928	464414	13.26%	1.081%
34	12.562	1651	1655	1660	rVB5	14851	23443	0.67%	0.055%

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35	12.662	1664	1672	1681	rVV3	81806	152447	4.35%	0.355%
36	13.044	1733	1737	1742	rBV8	7072	14973	0.43%	0.035%
37	13.156	1751	1756	1758	rBV5	13123	19737	0.56%	0.046%
38	13.397	1792	1797	1800	rBV4	21334	34680	0.99%	0.081%
39	13.526	1814	1819	1821	rBV4	6647	11369	0.32%	0.026%
40	13.585	1826	1829	1831	rBV3	8159	9408	0.27%	0.022%
41	13.679	1840	1845	1849	rBV6	18084	27523	0.79%	0.064%
42	14.037	1902	1906	1907	rBV4	5713	7459	0.21%	0.017%
43	14.066	1910	1911	1914	rVB3	9333	7799	0.22%	0.018%
44	14.119	1917	1920	1924	rVV3	6416	8589	0.25%	0.020%
45	14.196	1925	1933	1937	rVV	1237519	1816902	51.88%	4.231%
46	14.243	1937	1941	1948	rVV	396446	588957	16.82%	1.371%
47	14.313	1951	1953	1956	rVB4	11690	12758	0.36%	0.030%
48	14.495	1977	1984	1993	rVV	1242560	1955180	55.83%	4.553%
49	14.572	1993	1997	1998	rVB4	6965	7586	0.22%	0.018%
50	14.671	2010	2014	2018	rVB5	11841	19024	0.54%	0.044%
51	14.801	2029	2036	2044	rBV2	1408255	2235467	63.83%	5.205%
52	14.995	2061	2069	2077	rBV	337281	617666	17.64%	1.438%
53	15.300	2118	2121	2123	rBV4	6984	8804	0.25%	0.021%
54	15.529	2156	2160	2163	rVB5	12631	17405	0.50%	0.041%
55	15.576	2163	2168	2171	rBV3	18612	31454	0.90%	0.073%
56	15.617	2171	2175	2179	rVB5	27190	40179	1.15%	0.094%
57	15.694	2184	2188	2190	rVB4	7821	10309	0.29%	0.024%
58	15.788	2195	2204	2211	rVV	1747908	2731863	78.01%	6.361%
59	15.841	2211	2213	2215	rVV3	9475	9639	0.28%	0.022%
60	15.899	2217	2223	2233	rVV2	488406	764767	21.84%	1.781%
61	16.029	2237	2245	2250	rBV7	36416	77804	2.22%	0.181%
62	16.193	2271	2273	2278	rVB5	8272	10217	0.29%	0.024%
63	16.234	2278	2280	2282	rBV2	9018	9643	0.28%	0.022%
64	16.487	2319	2323	2326	rBV2	49035	69269	1.98%	0.161%
65	16.675	2351	2355	2358	rVB4	20286	26450	0.76%	0.062%
66	16.746	2366	2367	2369	rBV2	11507	7308	0.21%	0.017%
67	16.810	2376	2378	2379	rBV2	11100	7616	0.22%	0.018%
68	16.887	2389	2391	2392	rBV2	9175	8727	0.25%	0.020%
69	16.928	2394	2398	2399	rBV4	14045	19106	0.55%	0.044%
70	16.992	2407	2409	2412	rVB4	17670	19728	0.56%	0.046%
71	17.057	2418	2420	2424	rBV5	13031	23186	0.66%	0.054%

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72	17.245	2448	2452	2453	rBV4	14785	19142	0.55%	0.045%
73	17.274	2454	2457	2463	rVV	91669	126653	3.62%	0.295%
74	17.421	2478	2482	2483	rBV3	30327	35590	1.02%	0.083%
75	17.550	2498	2504	2510	rBV	1858054	2851702	81.43%	6.640%
76	17.650	2515	2521	2528	rVB	1900383	2792867	79.75%	6.503%
77	17.815	2547	2549	2555	rBV5	30497	37670	1.08%	0.088%
78	17.879	2558	2560	2561	rBV2	11635	7523	0.21%	0.018%
79	18.020	2580	2584	2587	rBV2	53495	63063	1.80%	0.147%
80	18.197	2612	2614	2619	rVB6	32931	41641	1.19%	0.097%
81	18.238	2619	2621	2623	rVB3	9571	6924	0.20%	0.016%
82	18.303	2628	2632	2638	rVB9	21438	35804	1.02%	0.083%
83	18.420	2647	2652	2658	rBV	275004	386752	11.04%	0.901%
84	18.491	2662	2664	2671	rVB	34834	51145	1.46%	0.119%
85	18.602	2681	2683	2684	rBV2	16052	11391	0.33%	0.027%
86	18.714	2698	2702	2707	rBV7	24212	40309	1.15%	0.094%
87	19.055	2758	2760	2761	rBV2	13440	8931	0.26%	0.021%
88	19.072	2761	2763	2764	rBV2	15665	12315	0.35%	0.029%
89	19.337	2804	2808	2812	rBV6	51082	62799	1.79%	0.146%
90	19.560	2844	2846	2849	rBV3	34987	49650	1.42%	0.116%
91	19.595	2849	2852	2855	rVB	73635	96563	2.76%	0.225%
92	19.683	2863	2867	2871	rBV2	116176	148059	4.23%	0.345%
93	19.930	2903	2909	2919	rVB	2332721	3502004	100.00%	8.155%
94	20.823	3058	3061	3064	rBV3	84898	124422	3.55%	0.290%
95	21.458	3165	3169	3179	rBV	340268	596912	17.04%	1.390%
96	21.851	3229	3236	3243	rBV	2023117	3425151	97.81%	7.976%
97	24.231	3634	3641	3649	rVB3	337984	727396	20.77%	1.694%
98	24.989	3760	3770	3779	rBV2	1081328	3016270	86.13%	7.024%
99	25.224	3800	3810	3822	rVB2	1168638	3430616	97.96%	7.988%
100	26.417	4005	4013	4025	rVB2	502002	1501746	42.88%	3.497%

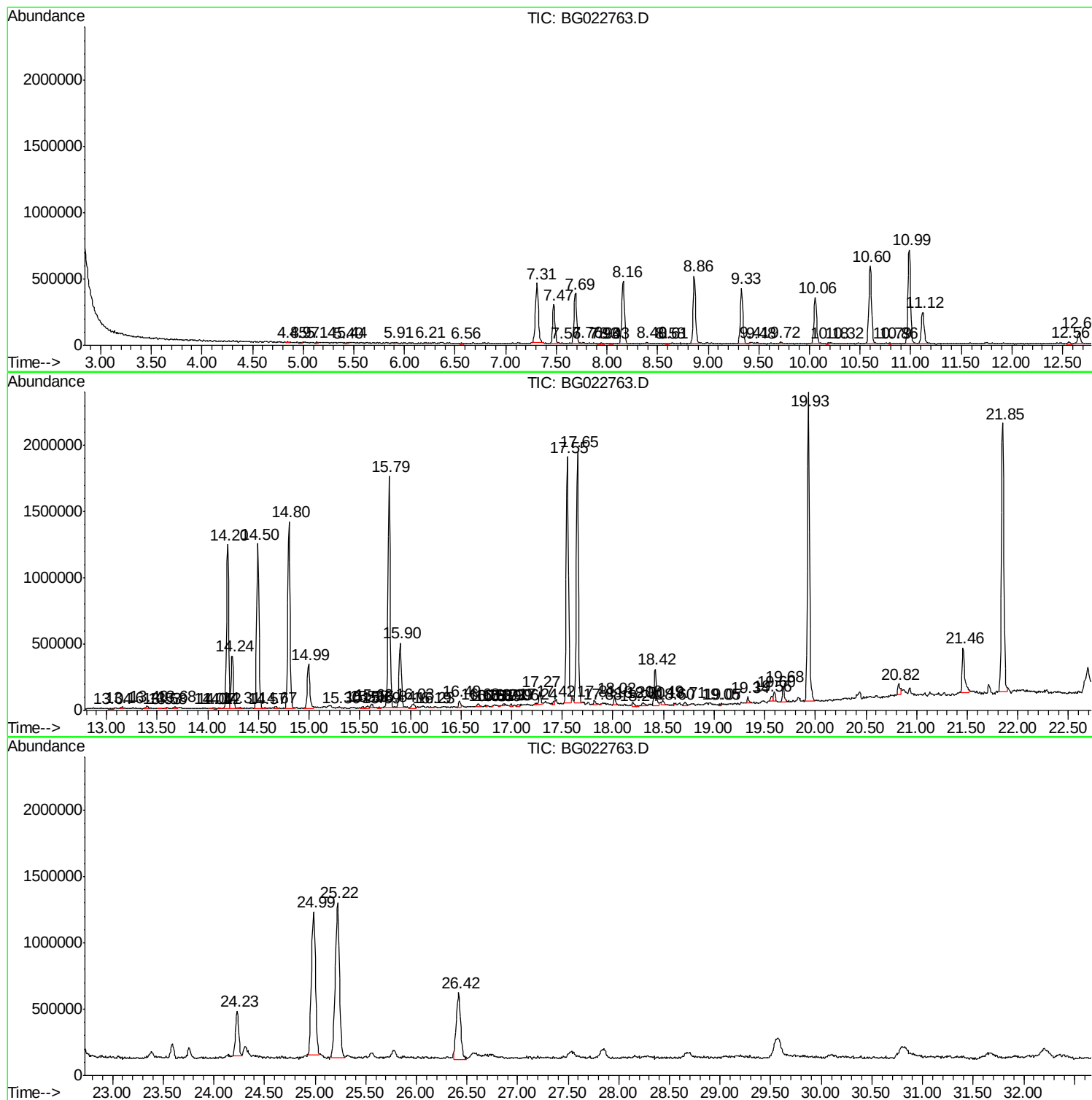
Sum of corrected areas: 42945351

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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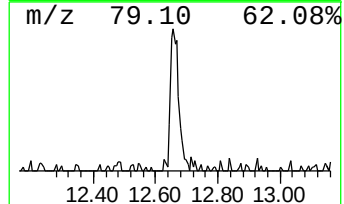
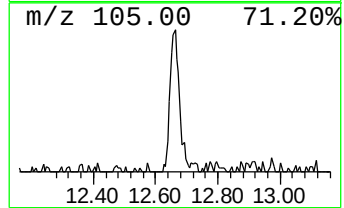
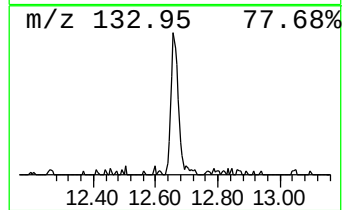
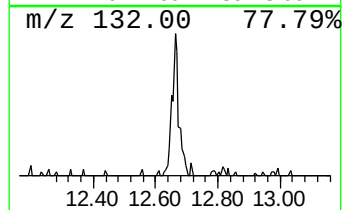
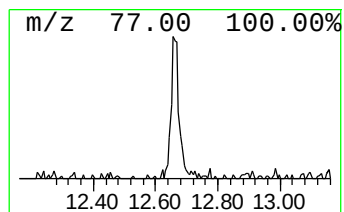
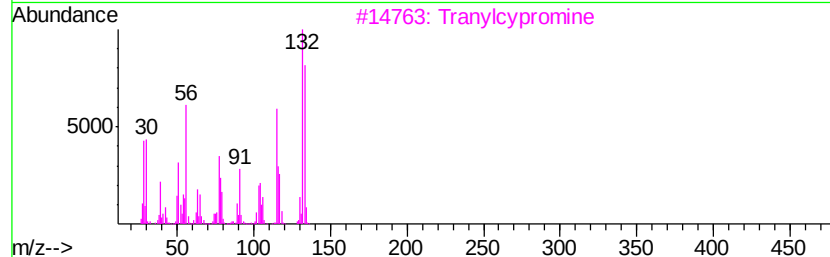
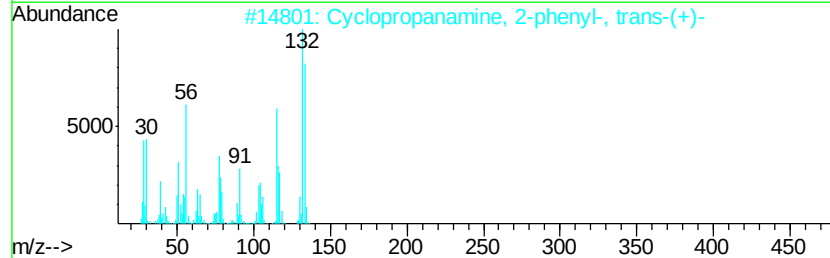
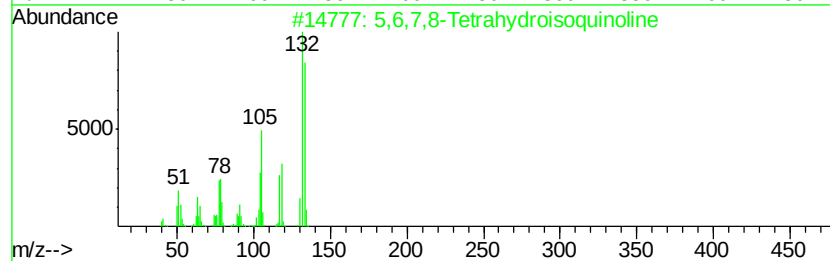
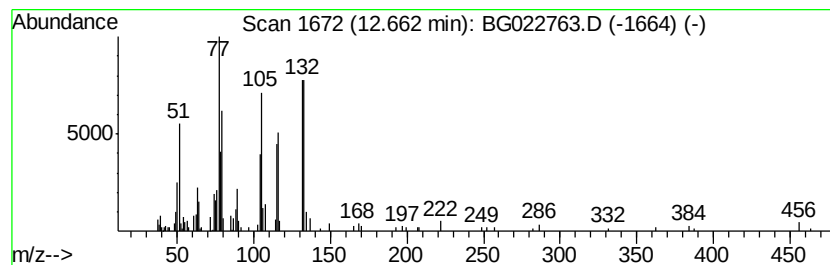
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.66	2.32 ng/ul	152447	Naphthalene-d8	10.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7,8-Tetrahydroisoquinoline	133	C9H11N	1000379-32-5	47
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	35
3	Tranlycypromine	133	C9H11N	000155-09-9	35
4	o-Methoxybenzonitrile	133	C8H7NO	006609-56-9	30
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	30



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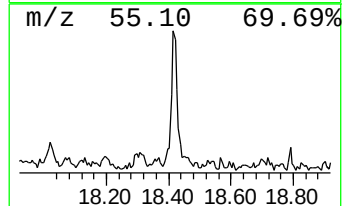
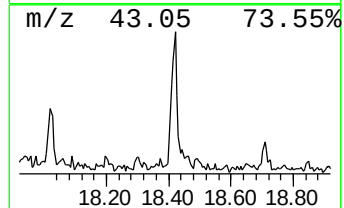
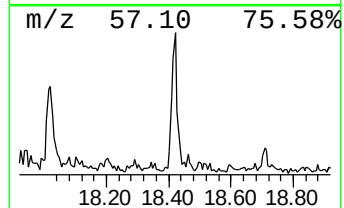
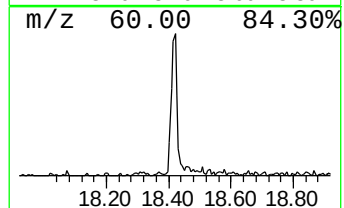
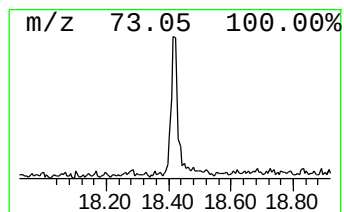
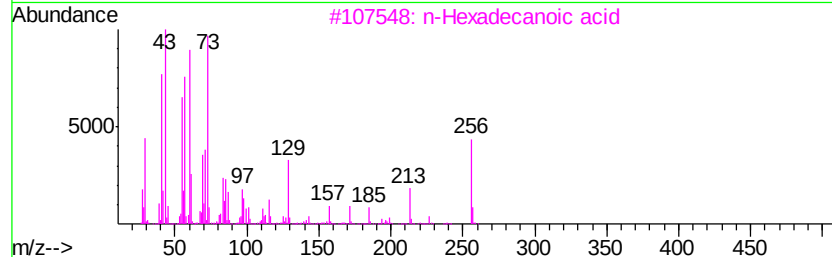
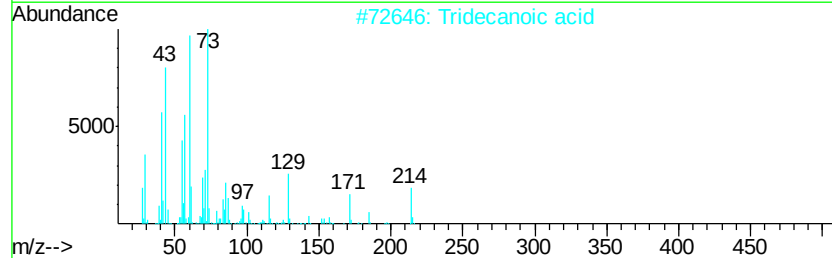
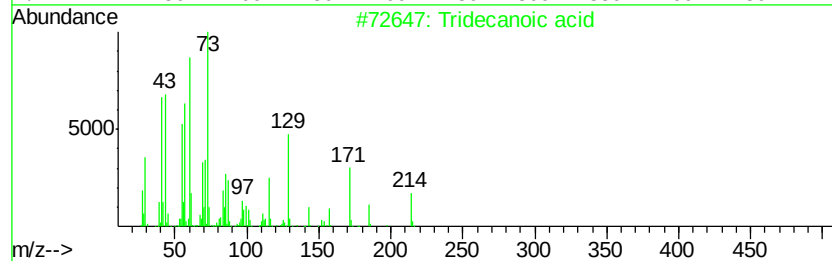
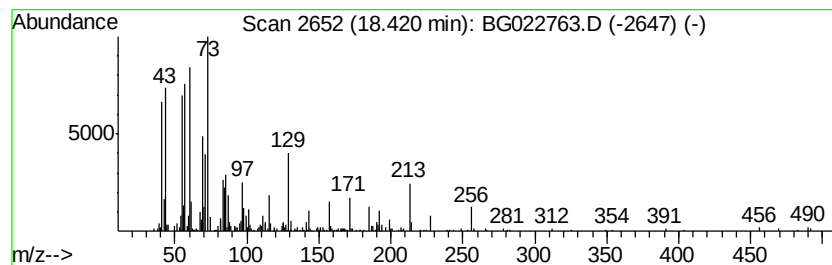
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.71 ng/ul	386752	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	81
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



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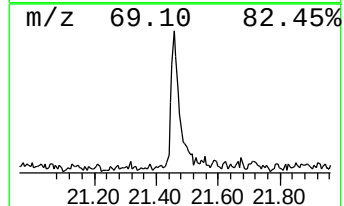
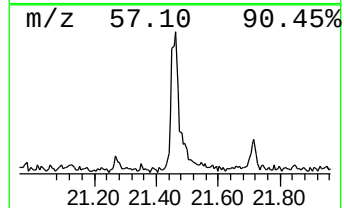
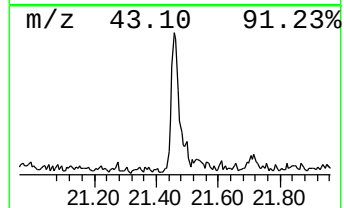
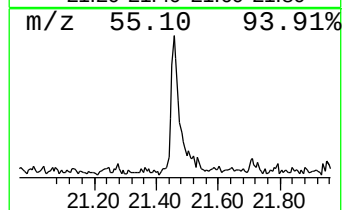
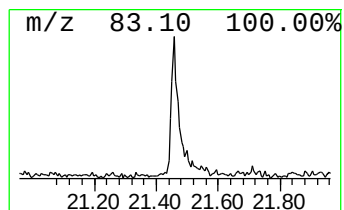
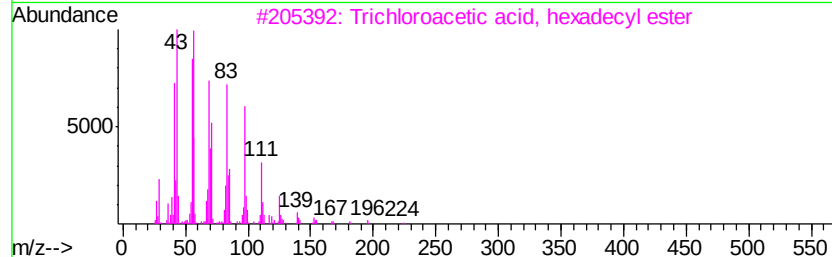
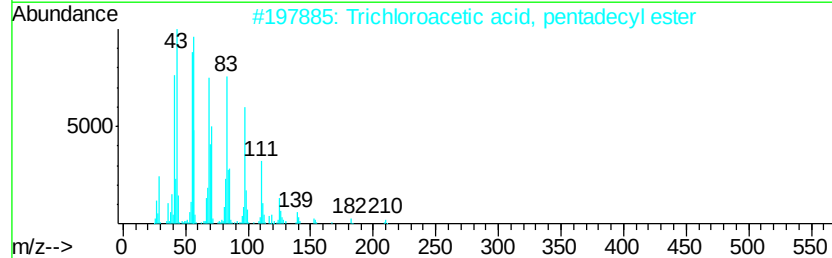
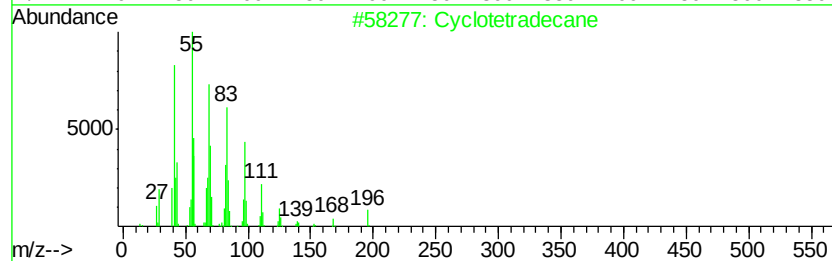
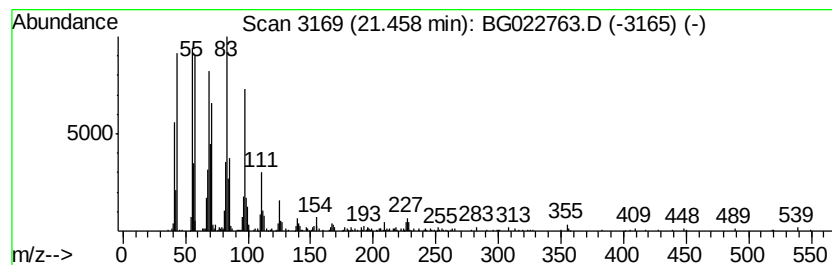
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Peak Number 3 (DEL) Alkane: Cyclic21.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.49 ng/ul	596912	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetradecane	196 C14H28	000295-17-0 95
2		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 94
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
4		17-Pentatriacontene	491 C35H70	006971-40-0 91
5		Cyclohexadecane	224 C16H32	000295-65-8 90



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Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW0

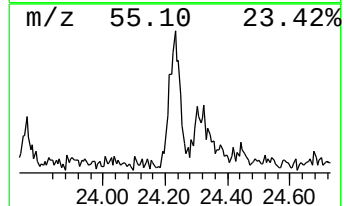
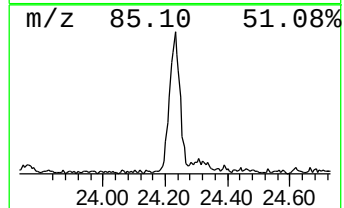
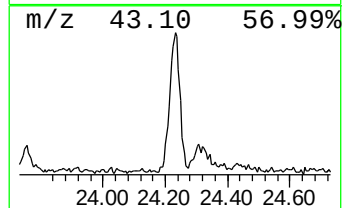
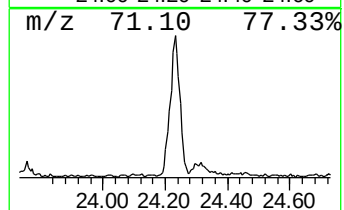
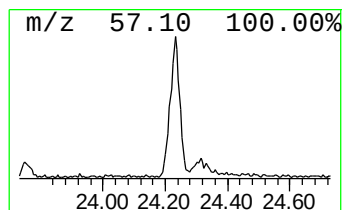
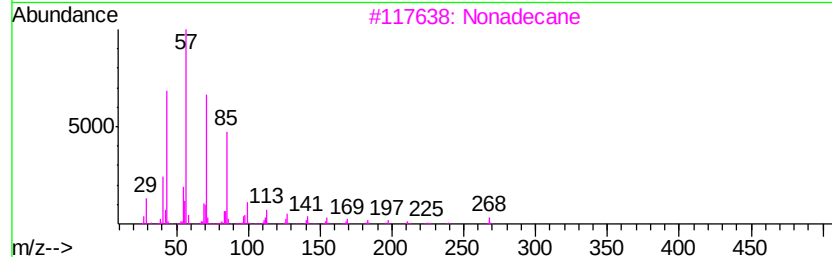
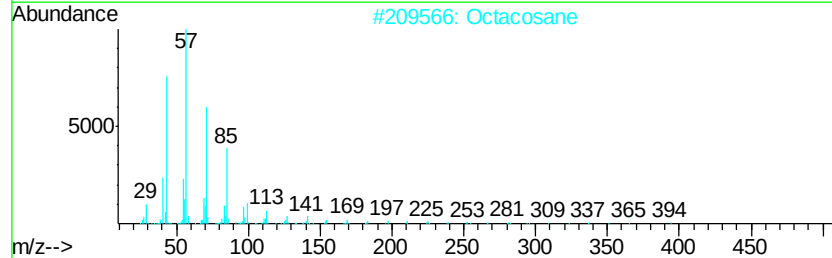
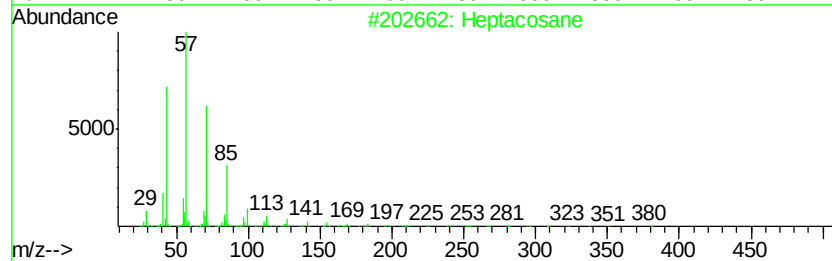
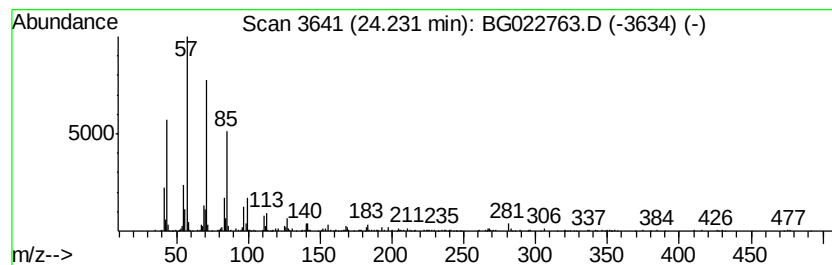
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	4.24 ng/ul	727396	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	94
2		Octacosane	394	C28H58	000630-02-4	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022763.D
Acq On : 1 Jul 2016 18:24
Operator : UM/SJ
Sample : H3811-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW0

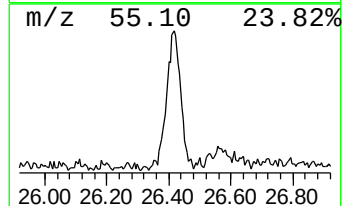
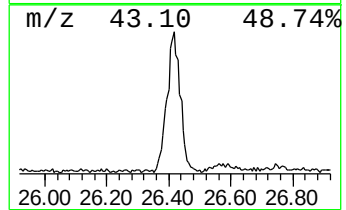
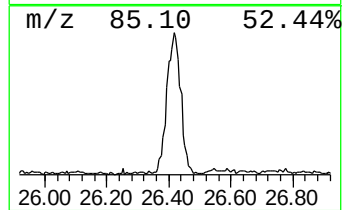
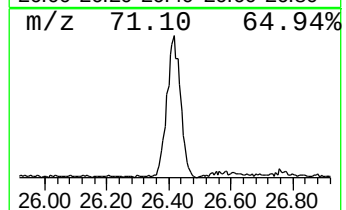
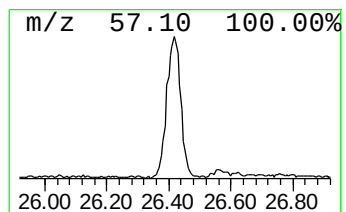
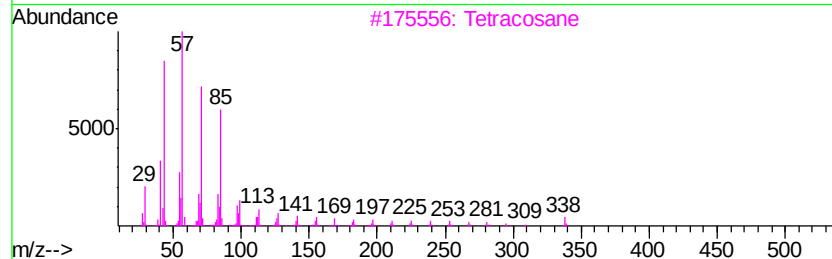
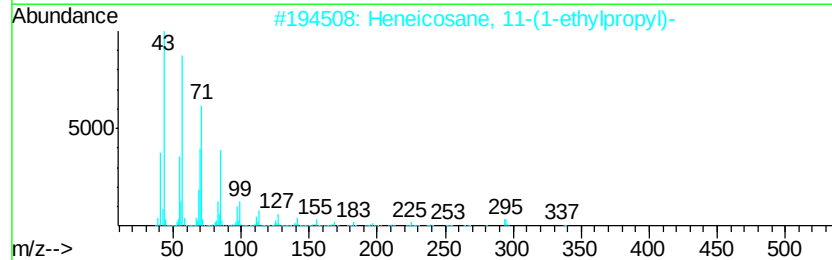
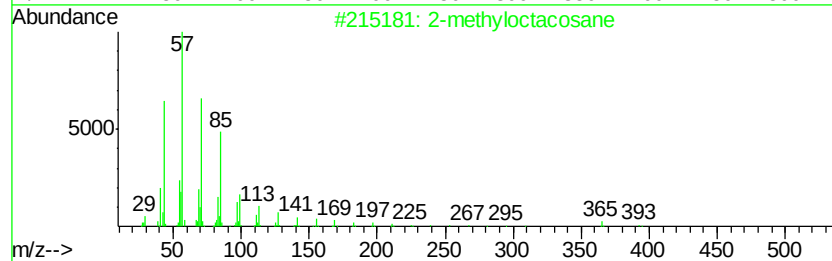
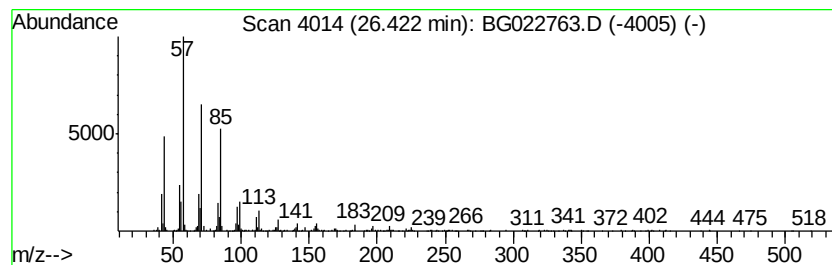
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	8.75 ng/ul	1501750	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
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Sample : H3811-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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
unknown-01	12.66	2.3	ng/ul	152447	2	10.99	1313840	20.0
Tridecanoic acid	18.42	2.7	ng/ul	386752	4	17.55	2851700	20.0
(DEL) Alkane: Cyc...	21.46	3.5	ng/ul	596912	5	21.85	3425150	20.0
(DEL) Alkane: Str...	24.23	4.2	ng/ul	727396	6	25.22	3430620	20.0
(DEL) Alkane: Str...	26.42	8.8	ng/ul	1501750	6	25.22	3430620	20.0