

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027493.D
 Acq On : 17 Jun 2017 5:18
 Operator : SJ/MA
 Sample : I3600-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A14

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	4.082	28	33	42	rVB	15075	25532	1.21%	0.132%
2	4.182	49	50	58	rVB3	1837	2352	0.11%	0.012%
3	4.517	102	107	115	rVB4	1586	3661	0.17%	0.019%
4	5.856	332	335	341	rBV2	1092	2341	0.11%	0.012%
5	6.744	473	486	495	rVB8	2171	5361	0.25%	0.028%
6	7.513	612	617	626	rVB4	950	2304	0.11%	0.012%
7	7.654	632	641	652	rVB	61876	115103	5.45%	0.594%
8	7.831	661	671	682	rBV	221631	389204	18.42%	2.007%
9	8.054	701	709	718	rBV	213414	388919	18.40%	2.005%
10	8.518	779	788	798	rBV	166024	307640	14.56%	1.586%
11	9.194	895	903	915	rBV	172653	318528	15.07%	1.642%
12	9.681	975	986	1002	rBV	265329	511175	24.19%	2.636%
13	10.404	1101	1109	1120	rBV	226444	425971	20.15%	2.196%
14	10.945	1191	1201	1214	rVB	332454	629623	29.79%	3.247%
15	11.338	1260	1268	1278	rVB	269658	525565	24.87%	2.710%
16	12.190	1408	1413	1418	rBV4	1230	2417	0.11%	0.012%
17	12.884	1523	1531	1537	rVV2	4813	8542	0.40%	0.044%
18	13.154	1569	1577	1579	rBV4	1537	2281	0.11%	0.012%
19	13.453	1620	1628	1633	rBV6	2966	5316	0.25%	0.027%
20	13.694	1665	1669	1679	rBV7	4418	10249	0.48%	0.053%
21	14.493	1796	1805	1812	rBV	716358	1121874	53.08%	5.785%
22	14.546	1812	1814	1819	rVB3	1877	2551	0.12%	0.013%
23	14.799	1849	1857	1870	rVB	687532	1156089	54.70%	5.961%
24	15.104	1898	1909	1919	rBV2	474418	786825	37.23%	4.057%
25	15.275	1930	1938	1953	rBV2	61094	121797	5.76%	0.628%
26	15.821	2022	2031	2036	rBV	59870	96642	4.57%	0.498%
27	16.092	2069	2077	2087	rVB	1061028	1703237	80.59%	8.783%
28	16.191	2087	2094	2103	rBV	382671	595925	28.20%	3.073%
29	16.327	2111	2117	2124	rBV3	11984	18636	0.88%	0.096%
30	16.597	2159	2163	2168	rBV4	1422	2535	0.12%	0.013%
31	16.703	2178	2181	2188	rVB4	1694	2477	0.12%	0.013%
32	16.779	2188	2194	2201	rBV6	4354	9189	0.43%	0.047%
33	16.861	2205	2208	2212	rVB4	2094	3190	0.15%	0.016%
34	16.902	2212	2215	2220	rBV4	2124	3552	0.17%	0.018%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Title : SVOA CALIBRATION

35	17.049	2236	2240	2243	rBV4	1868	3123	0.15%	0.016%
36	17.149	2253	2257	2261	rVV5	1921	3468	0.16%	0.018%
37	17.225	2267	2270	2276	rVB8	1617	2546	0.12%	0.013%
38	17.296	2276	2282	2284	rVB5	1884	3136	0.15%	0.016%
39	17.337	2284	2289	2300	rBV4	7530	15072	0.71%	0.078%
40	17.643	2332	2341	2346	rVB5	2629	5582	0.26%	0.029%
41	17.854	2370	2377	2386	rBV2	632094	1002957	47.45%	5.172%
42	17.954	2386	2394	2412	rVB	1165466	1870731	88.51%	9.646%
43	18.171	2427	2431	2433	rVV5	2741	3499	0.17%	0.018%
44	18.224	2437	2440	2444	rVB6	2041	2891	0.14%	0.015%
45	18.295	2447	2452	2454	rBV5	2183	3059	0.14%	0.016%
46	18.453	2474	2479	2481	rBV5	1477	2320	0.11%	0.012%
47	18.600	2500	2504	2505	rVB4	1911	2247	0.11%	0.012%
48	18.618	2505	2507	2511	rBV5	2994	2920	0.14%	0.015%
49	18.688	2515	2519	2530	rVV8	7439	17135	0.81%	0.088%
50	18.771	2530	2533	2538	rVB5	3535	4997	0.24%	0.026%
51	18.865	2546	2549	2553	rVB5	2047	2763	0.13%	0.014%
52	18.941	2558	2562	2565	rVB6	2309	3270	0.15%	0.017%
53	19.000	2569	2572	2574	rVB3	2493	2657	0.13%	0.014%
54	19.047	2574	2580	2581	rBV6	3767	5689	0.27%	0.029%
55	19.217	2602	2609	2611	rBV7	2415	5441	0.26%	0.028%
56	19.258	2612	2616	2620	rVB7	1244	2381	0.11%	0.012%
57	19.364	2633	2634	2637	rVB3	2656	2348	0.11%	0.012%
58	19.388	2637	2638	2642	rBV4	2408	2484	0.12%	0.013%
59	19.446	2642	2648	2650	rBV5	2630	5112	0.24%	0.026%
60	19.670	2684	2686	2690	rBV5	2572	2963	0.14%	0.015%
61	19.740	2690	2698	2700	rBV8	2734	7567	0.36%	0.039%
62	19.852	2712	2717	2725	rBV	14866	24488	1.16%	0.126%
63	19.911	2725	2727	2730	rBV4	2409	2420	0.11%	0.012%
64	19.952	2730	2734	2740	rBV8	16225	28475	1.35%	0.147%
65	20.110	2756	2761	2770	rVB	11650	23172	1.10%	0.119%
66	20.222	2770	2780	2789	rBV	1387804	2113499	100.00%	10.898%
67	20.386	2807	2808	2811	rBV3	3011	3118	0.15%	0.016%
68	20.580	2839	2841	2844	rBV4	3038	3813	0.18%	0.020%
69	20.645	2850	2852	2856	rBV5	3250	5630	0.27%	0.029%
70	20.986	2909	2910	2916	rBV6	3174	4600	0.22%	0.024%
71	21.444	2986	2988	2990	rBV2	5790	5156	0.24%	0.027%

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72	21.785	3042	3046	3051	rBV8	11638	16624	0.79%	0.086%
73	22.061	3091	3093	3101	rVB8	5763	7765	0.37%	0.040%
74	22.231	3114	3122	3130	rBV	594416	1120616	53.02%	5.778%
75	23.077	3261	3266	3272	rVB9	9885	17382	0.82%	0.090%
76	23.853	3393	3398	3409	rVB2	21339	44019	2.08%	0.227%
77	24.775	3547	3555	3565	rBV3	31590	72060	3.41%	0.372%
78	25.633	3688	3701	3717	rBV3	613356	2002792	94.76%	10.327%
79	25.880	3730	3743	3762	rVB3	338640	1226365	58.03%	6.324%
80	27.149	3951	3959	3973	rVB3	44902	143155	6.77%	0.738%
81	28.718	4214	4226	4239	rVB4	42332	162662	7.70%	0.839%
82	29.611	4377	4378	4381	rBV3	2605	2619	0.12%	0.014%
83	30.592	4533	4545	4546	rBV10	27071	68047	3.22%	0.351%

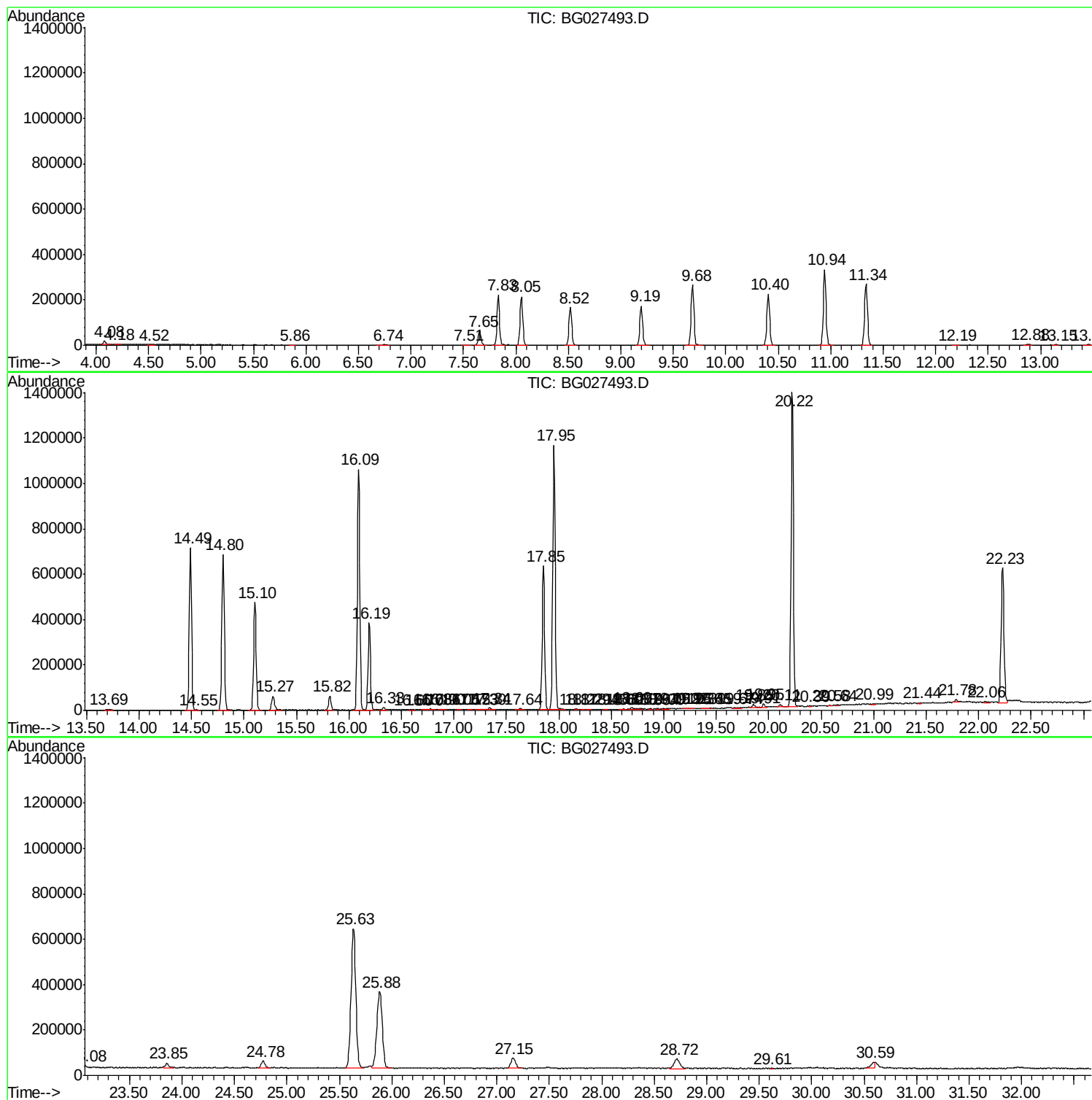
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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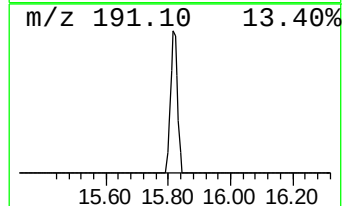
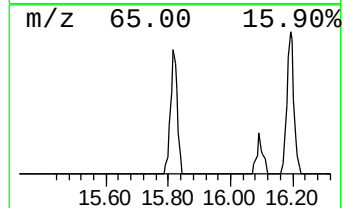
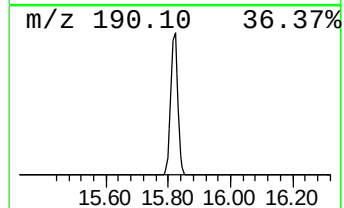
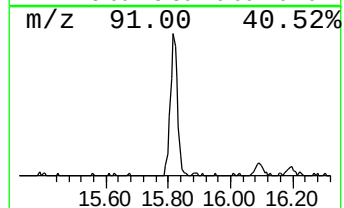
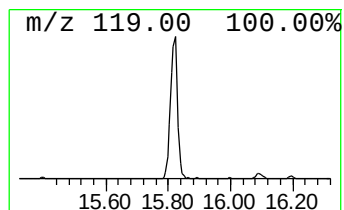
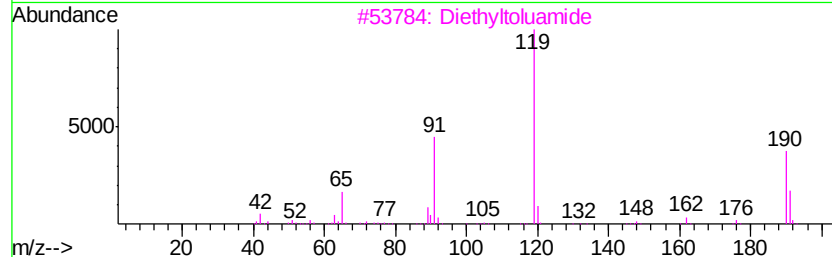
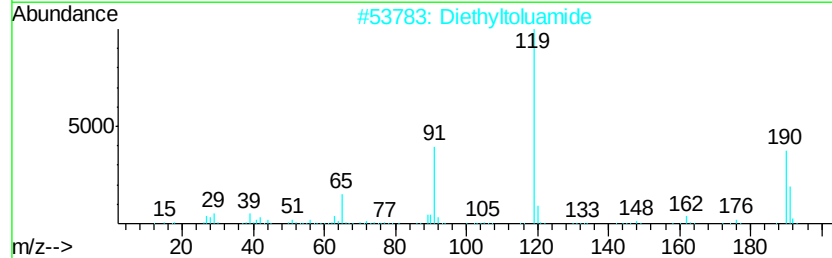
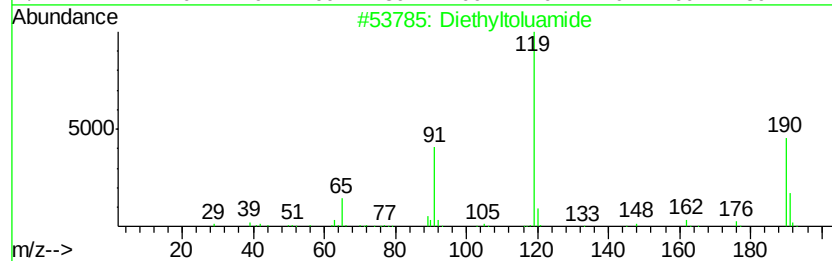
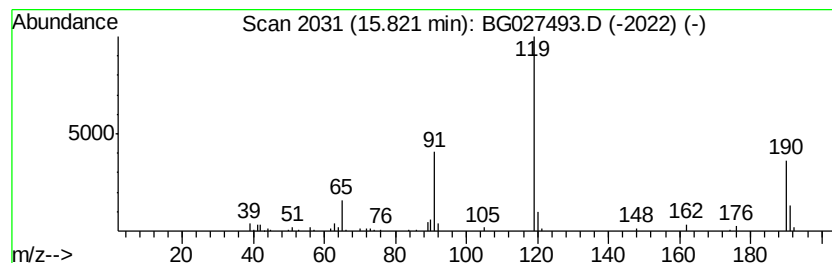
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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.
15.82	2.46 ng/ul	96642	Acenaphthene-d10		15.10
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	94
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	91
5	Diethyltoluamide	191	C12H17NO	000134-62-3	86



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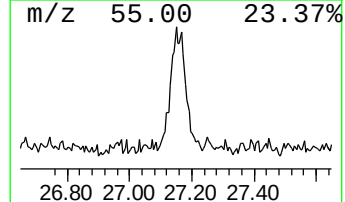
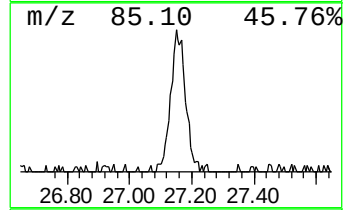
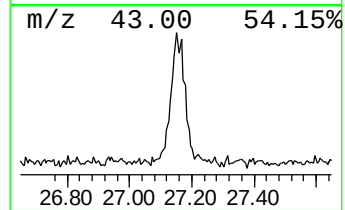
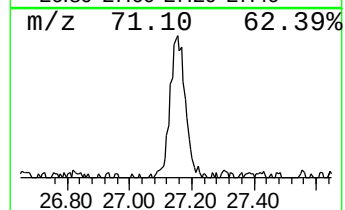
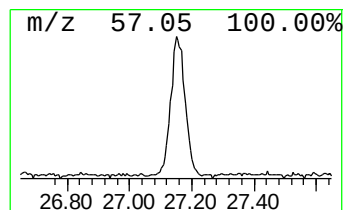
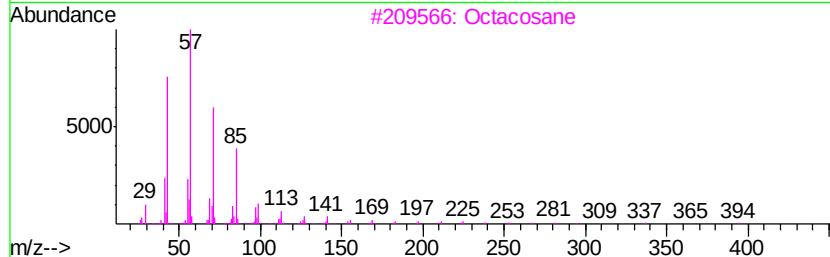
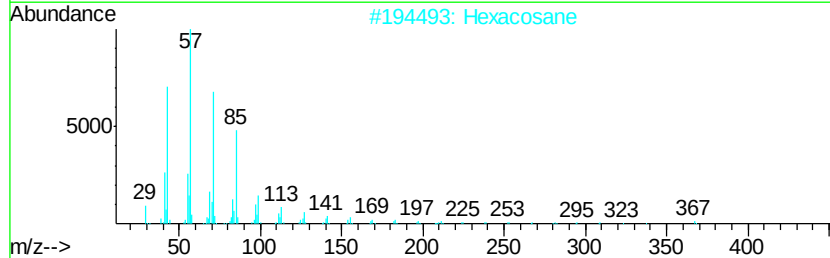
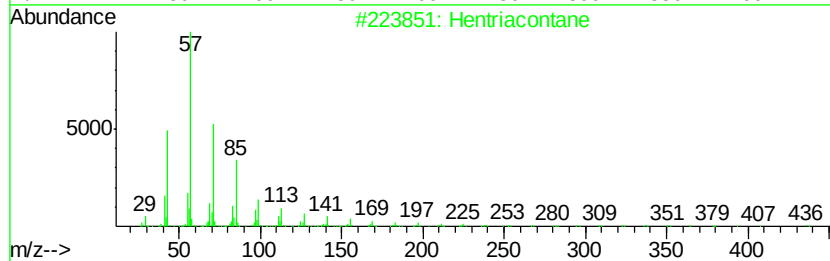
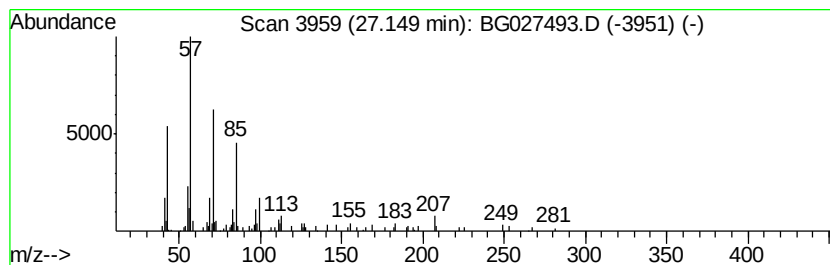
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.33 ng/ul	143155	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	83
2		Hexacosane	366	C26H54	000630-01-3	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80



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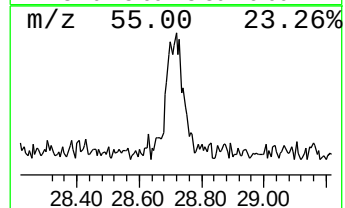
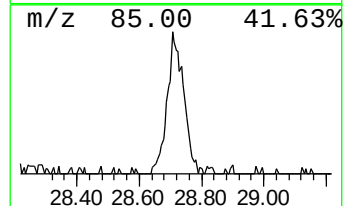
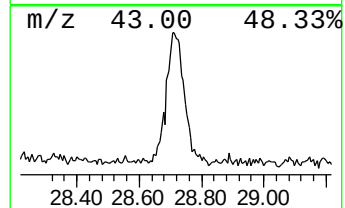
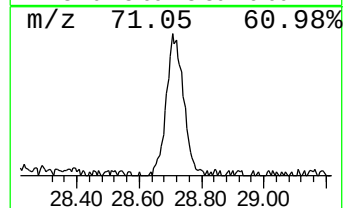
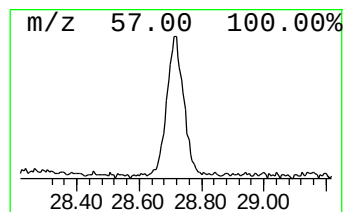
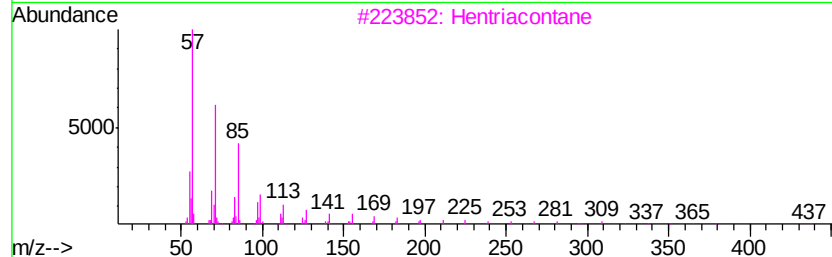
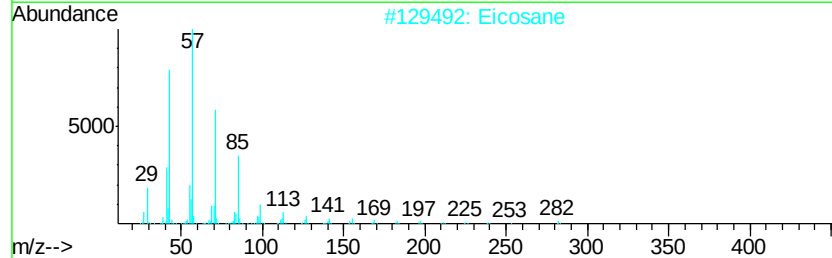
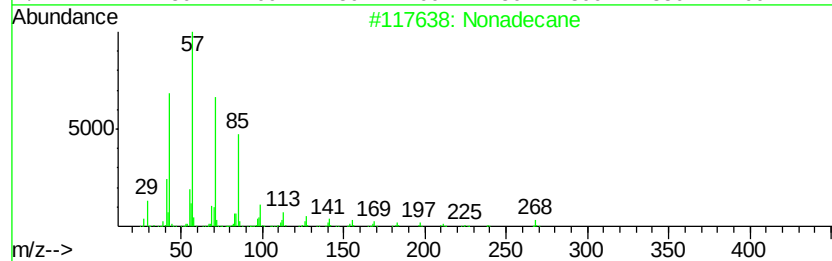
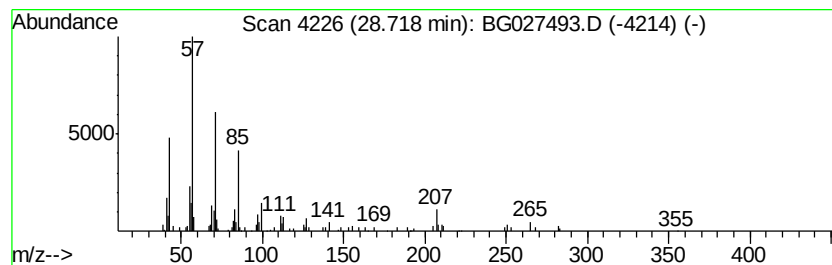
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.72	2.65 ng/ul	162662	Perylene-d12	25.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Eicosane	282	C20H42	000112-95-8	90
3			Hentriacontane	437	C31H64	000630-04-6	81
4			2-methyloctacosane	408	C29H60	1000376-72-8	81
5			Octacosane	394	C28H58	000630-02-4	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.82	2.5	ng/ul	96642	3	15.10	786825	20.0
(DEL) Alkane: Str...	27.15	2.3	ng/ul	143155	6	25.89	1226370	20.0
(DEL) Alkane: Str...	28.72	2.6	ng/ul	162662	6	25.89	1226370	20.0