

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028558.D
 Acq On : 30 Aug 2017 18:22
 Operator : SJ/JU
 Sample : I2056-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18B-30

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-BG080217.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	3.768	28	30	34	rVB4	3532	3274	0.37%	0.055%
2	3.832	34	41	44	rBV5	2489	4846	0.55%	0.081%
3	3.926	52	57	59	rBV3	1830	3140	0.36%	0.053%
4	4.314	120	123	125	rBV2	2041	2116	0.24%	0.035%
5	4.496	151	154	158	rBV	1467	2641	0.30%	0.044%
6	4.549	158	163	166	rBV5	1288	2678	0.30%	0.045%
7	4.766	194	200	207	rBV4	6704	10216	1.16%	0.171%
8	4.913	221	225	237	rBV6	3099	6170	0.70%	0.103%
9	5.166	263	268	279	rVB5	6191	13960	1.59%	0.234%
10	5.272	281	286	291	rVB2	1618	3844	0.44%	0.064%
11	5.471	310	320	323	rBV7	2487	6411	0.73%	0.108%
12	5.783	367	373	376	rBV2	2731	4324	0.49%	0.073%
13	5.965	402	404	410	rBV	1670	2631	0.30%	0.044%
14	6.552	500	504	512	rBV2	1652	4252	0.48%	0.071%
15	6.911	558	565	567	rBV3	1785	3328	0.38%	0.056%
16	7.263	618	625	630	rVB2	1227	2768	0.31%	0.046%
17	7.363	638	642	647	rBV2	1808	3803	0.43%	0.064%
18	7.510	657	667	679	rBV6	31138	77831	8.84%	1.305%
19	7.663	687	693	706	rVB	18638	34747	3.95%	0.583%
20	7.886	722	731	739	rBV2	26309	47928	5.44%	0.804%
21	8.227	787	789	795	rVB3	1932	2497	0.28%	0.042%
22	8.350	800	810	824	rVV	132213	242649	27.55%	4.070%
23	9.050	923	929	941	rVB2	26445	51668	5.87%	0.867%
24	9.179	945	951	962	rVB	11824	25039	2.84%	0.420%
25	9.420	989	992	994	rBV2	1542	2237	0.25%	0.038%
26	9.520	999	1009	1018	rBV2	25867	52684	5.98%	0.884%
27	9.608	1021	1024	1029	rBV3	2436	4514	0.51%	0.076%
28	10.248	1123	1133	1140	rVV4	21511	42302	4.80%	0.710%
29	10.595	1186	1192	1202	rVB2	4510	8792	1.00%	0.147%
30	10.795	1219	1226	1240	rBV3	28754	64841	7.36%	1.088%
31	11.171	1282	1290	1299	rBV	178585	340461	38.66%	5.710%
32	11.312	1306	1314	1322	rBV4	20899	44341	5.03%	0.744%
33	11.964	1419	1425	1428	rBV4	2119	3709	0.42%	0.062%
34	12.745	1557	1558	1565	rVV2	1075	2002	0.23%	0.034%

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35	12.998	1595	1601	1603	rBV2	1330	2302	0.26%	0.039%
36	13.209	1630	1637	1639	rBV2	1369	2826	0.32%	0.047%
37	13.480	1680	1683	1688	rVB3	1146	2023	0.23%	0.034%
38	13.538	1688	1693	1699	rBV2	1650	3675	0.42%	0.062%
39	14.343	1822	1830	1835	rBV	70757	105888	12.02%	1.776%
40	14.390	1835	1838	1848	rVB	19749	30442	3.46%	0.511%
41	14.496	1852	1856	1860	rBV2	1505	2262	0.26%	0.038%
42	14.655	1875	1883	1892	rVB	67929	111699	12.68%	1.873%
43	14.813	1905	1910	1911	rBV2	1609	2162	0.25%	0.036%
44	14.954	1925	1934	1949	rBV2	314053	521175	59.18%	8.741%
45	15.184	1968	1973	1979	rBV4	10044	20066	2.28%	0.337%
46	15.336	1993	1999	2014	rBV3	44060	91550	10.40%	1.536%
47	15.489	2024	2025	2031	rVB	1810	2171	0.25%	0.036%
48	15.753	2065	2070	2075	rVB5	3363	5964	0.68%	0.100%
49	15.941	2094	2102	2112	rBV	90557	150493	17.09%	2.524%
50	16.071	2119	2124	2134	rBV5	18449	32489	3.69%	0.545%
51	16.306	2161	2164	2166	rVB	2829	2009	0.23%	0.034%
52	16.335	2166	2169	2172	rBV2	1715	1994	0.23%	0.033%
53	16.376	2172	2176	2179	rBV2	1316	2411	0.27%	0.040%
54	16.506	2197	2198	2207	rBV2	1391	3506	0.40%	0.059%
55	16.617	2211	2217	2224	rBV7	2848	7008	0.80%	0.118%
56	16.664	2224	2225	2232	rVB3	2005	2319	0.26%	0.039%
57	16.887	2259	2263	2265	rBV	1824	2295	0.26%	0.038%
58	17.017	2283	2285	2291	rVB4	1941	3064	0.35%	0.051%
59	17.117	2301	2302	2306	rBV	1758	2005	0.23%	0.034%
60	17.334	2334	2339	2341	rVB2	1790	2156	0.24%	0.036%
61	17.399	2346	2350	2356	rVV4	2548	4484	0.51%	0.075%
62	17.487	2361	2365	2372	rVB4	2388	5933	0.67%	0.100%
63	17.616	2385	2387	2392	rVB2	1835	2703	0.31%	0.045%
64	17.704	2392	2402	2413	rBV	441891	694804	78.90%	11.654%
65	17.804	2413	2419	2428	rVB	107980	169124	19.20%	2.837%
66	18.104	2465	2470	2475	rVB2	5967	8879	1.01%	0.149%
67	18.439	2526	2527	2534	rVB3	2365	2948	0.33%	0.049%
68	18.503	2535	2538	2540	rVB2	2030	2006	0.23%	0.034%
69	18.574	2544	2550	2555	rBV5	2779	6269	0.71%	0.105%
70	18.627	2555	2559	2561	rVV4	2512	4049	0.46%	0.068%
71	18.662	2561	2565	2574	rVB3	9826	15470	1.76%	0.259%

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72	18.756	2578	2581	2583	rVB5	2072	2308	0.26%	0.039%
73	18.832	2589	2594	2598	rVB4	3052	4589	0.52%	0.077%
74	18.879	2598	2602	2608	rVB4	1806	3106	0.35%	0.052%
75	18.967	2612	2617	2621	rBV3	1870	3804	0.43%	0.064%
76	19.061	2631	2633	2638	rBV3	2620	3107	0.35%	0.052%
77	19.144	2644	2647	2653	rVB6	4834	6641	0.75%	0.111%
78	19.367	2677	2685	2689	rBV5	8169	15602	1.77%	0.262%
79	19.432	2691	2696	2699	rBV6	4140	7122	0.81%	0.119%
80	19.479	2703	2704	2707	rVB3	3600	3018	0.34%	0.051%
81	19.590	2719	2723	2724	rBV4	4903	4658	0.53%	0.078%
82	19.625	2727	2729	2742	rVB9	6839	18085	2.05%	0.303%
83	19.714	2742	2744	2746	rVV2	2788	2825	0.32%	0.047%
84	19.743	2746	2749	2756	rVB4	6836	10225	1.16%	0.171%
85	19.860	2766	2769	2770	rBV3	2464	2058	0.23%	0.035%
86	19.949	2781	2784	2791	rBV3	23626	27100	3.08%	0.455%
87	20.078	2800	2806	2818	rVB	148515	230284	26.15%	3.862%
88	20.219	2827	2830	2835	rVB6	6056	8384	0.95%	0.141%
89	20.283	2835	2841	2846	rBV	41012	58023	6.59%	0.973%
90	20.366	2853	2855	2860	rBV5	4304	5864	0.67%	0.098%
91	20.442	2865	2868	2870	rBV3	3041	2778	0.32%	0.047%
92	20.994	2958	2962	2965	rBV3	11251	14173	1.61%	0.238%
93	22.040	3131	3140	3150	rBV	466193	851626	96.70%	14.284%
94	24.255	3512	3517	3525	rBV10	9757	21230	2.41%	0.356%
95	24.455	3546	3551	3557	rVB5	25434	52331	5.94%	0.878%
96	25.307	3687	3696	3713	rVB2	68312	216874	24.63%	3.638%
97	25.554	3720	3738	3756	rVB2	253607	880664	100.00%	14.771%
98	26.711	3928	3935	3945	rVB3	34141	96628	10.97%	1.621%
99	28.192	4178	4187	4198	rVB4	38108	125901	14.30%	2.112%
100	29.972	4478	4490	4501	rBV9	26880	121890	13.84%	2.044%

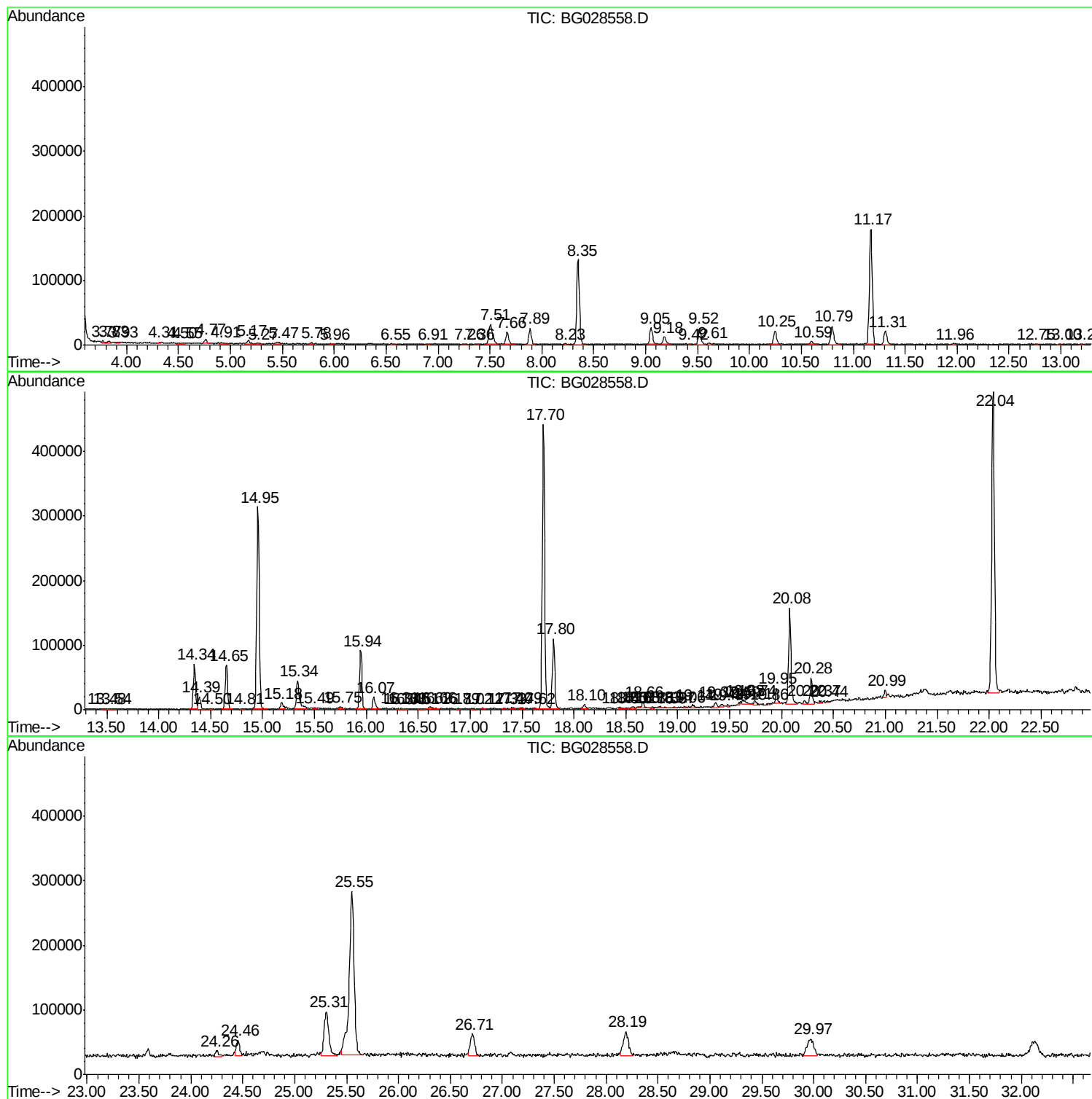
Sum of corrected areas: 5962165

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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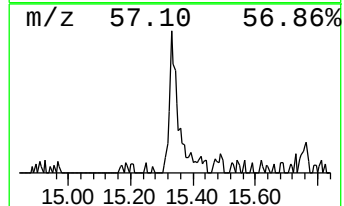
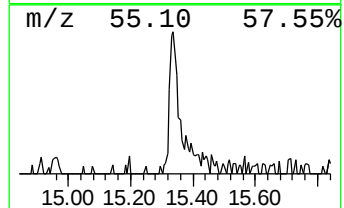
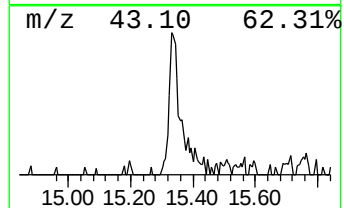
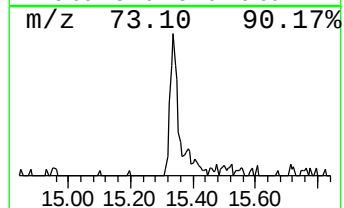
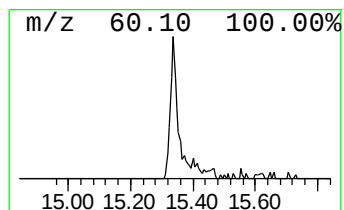
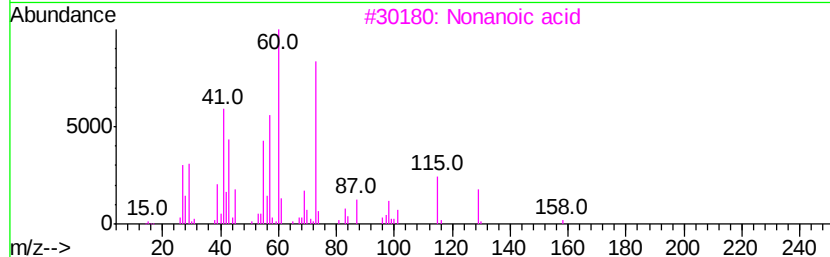
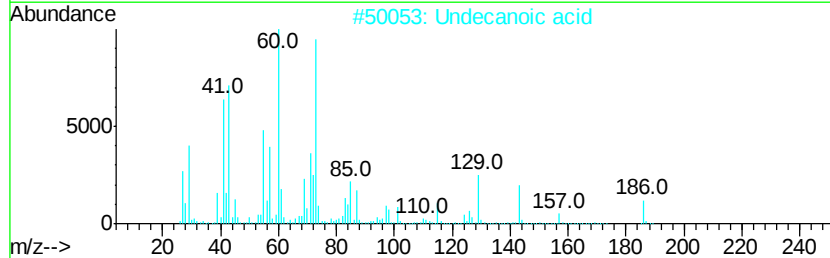
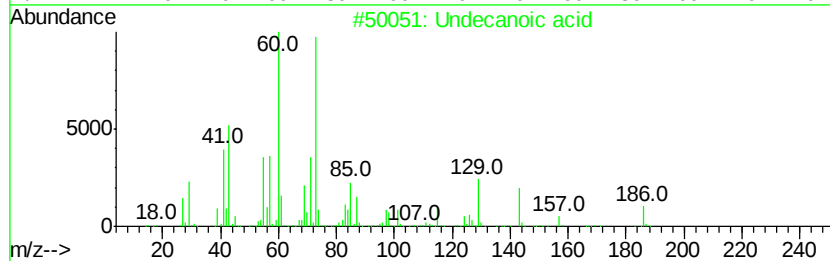
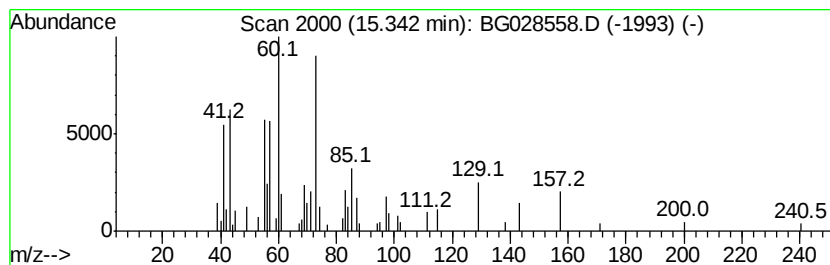
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Undecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.51 ng/ul	91550	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecanoic acid	186 C11H22O2	000112-37-8	78
2	Undecanoic acid	186 C11H22O2	000112-37-8	72
3	Nonanoic acid	158 C9H18O2	000112-05-0	68
4	n-Decanoic acid	172 C10H20O2	000334-48-5	59
5	n-Decanoic acid	172 C10H20O2	000334-48-5	59



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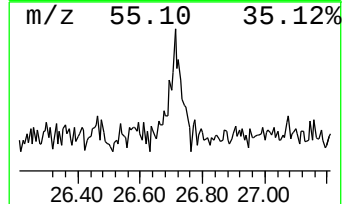
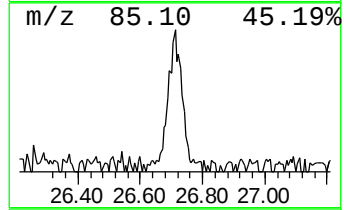
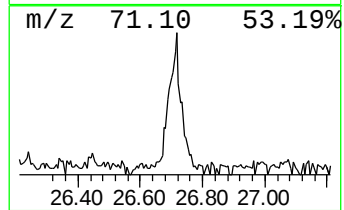
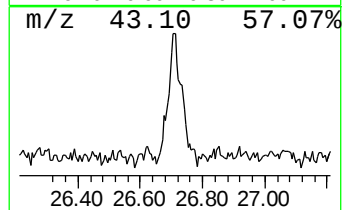
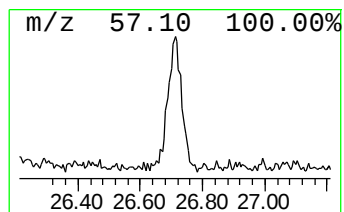
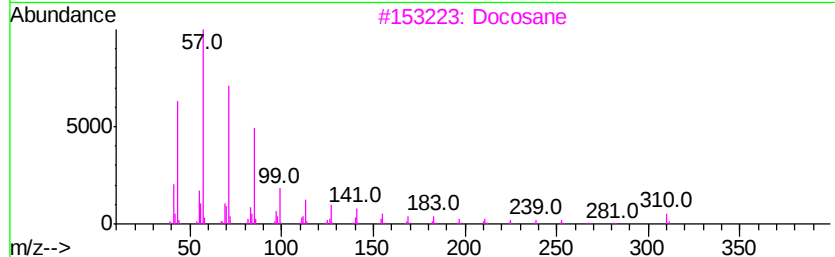
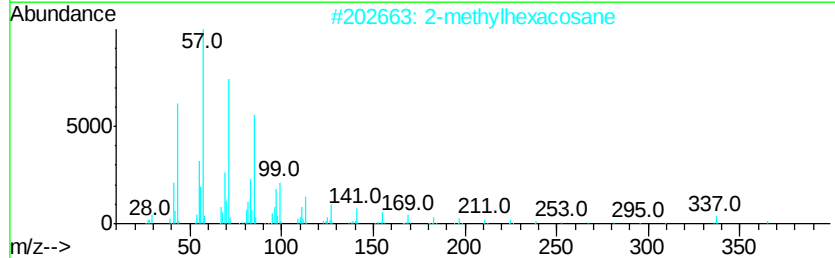
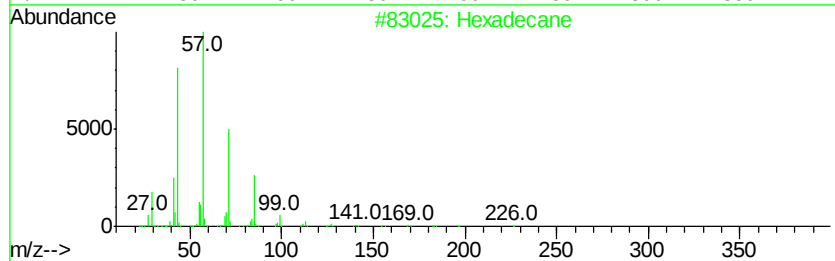
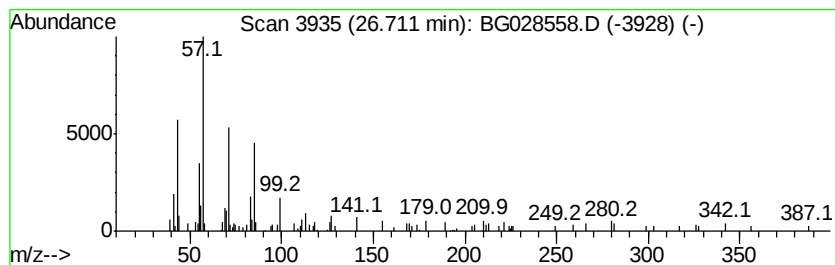
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.71	2.19 ng/ul	96628	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	89
2		2-methylhexacosane	380	C27H56	1000376-72-7	68
3		Docosane	310	C22H46	000629-97-0	68
4		Pentacosane	352	C25H52	000629-99-2	68
5		Hexadecane	226	C16H34	000544-76-3	68



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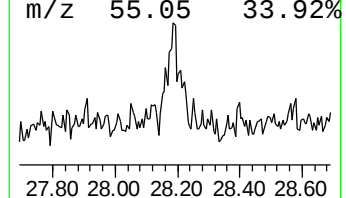
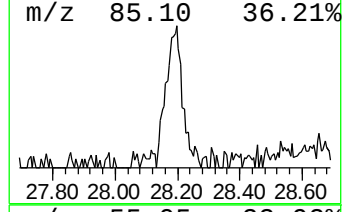
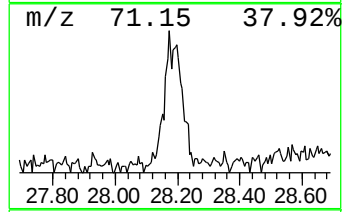
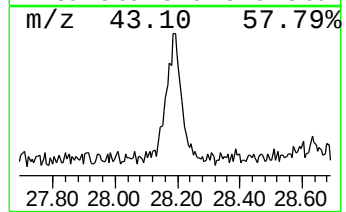
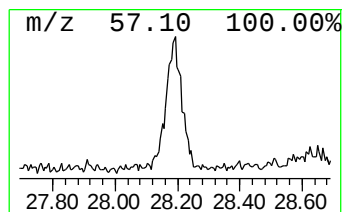
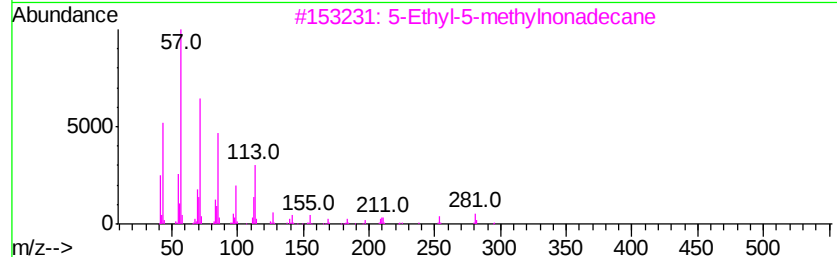
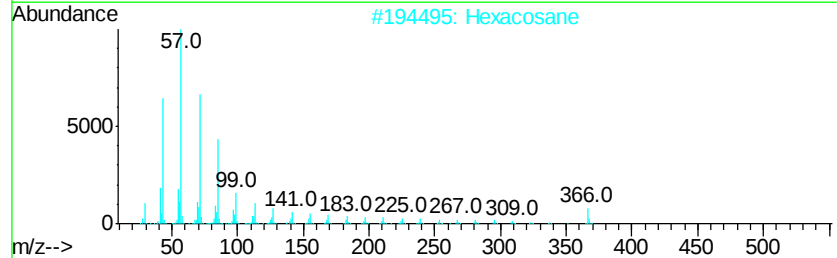
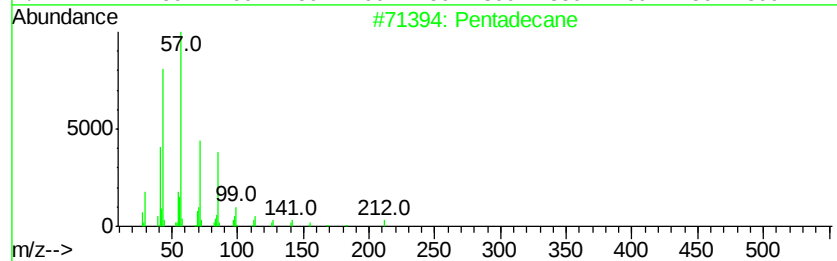
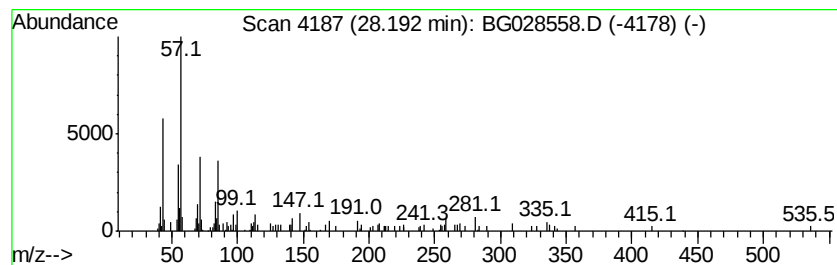
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.86 ng/ul	125901	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	35
2		Hexacosane	366	C26H54	000630-01-3	22
3		5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	22
4		Octadecane	254	C18H38	000593-45-3	20
5		Hexadecane	226	C16H34	000544-76-3	20



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ClientSampleId :
18B-30

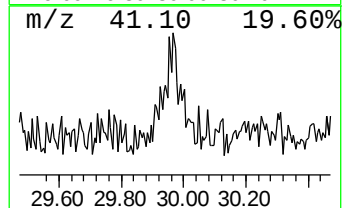
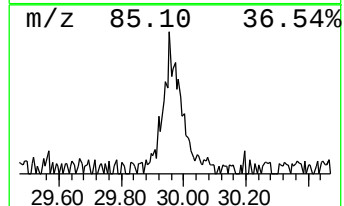
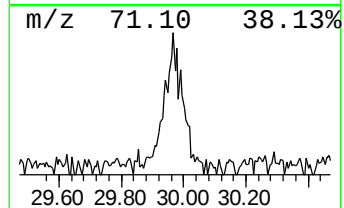
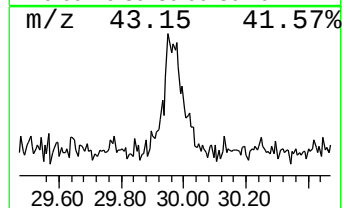
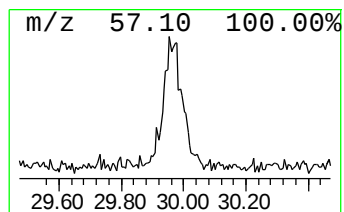
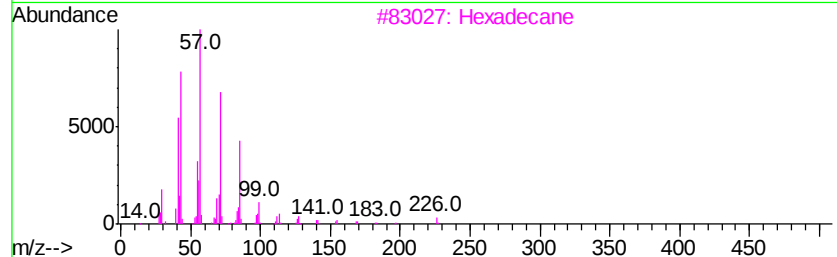
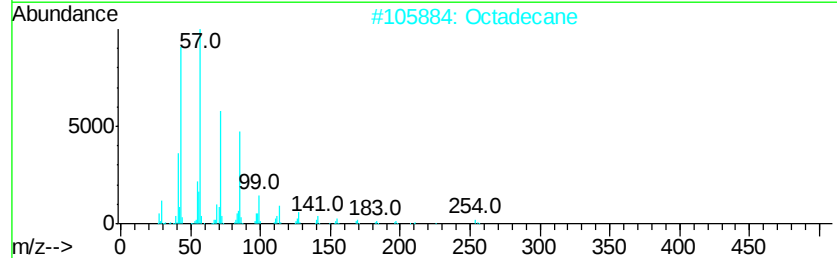
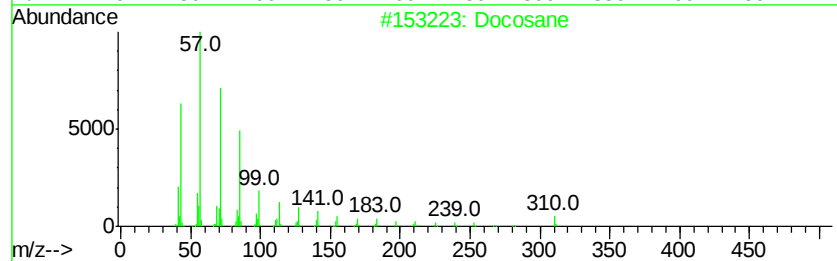
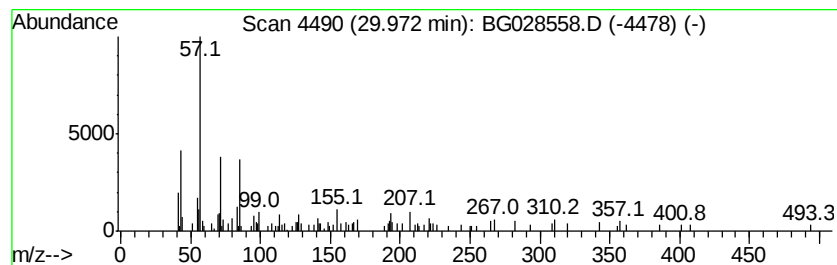
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Quant Title : SVOA CALIBRATION

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.
29.97	2.77 ng/ul	121890	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	96
2		Octadecane	254	C18H38	000593-45-3	83
3		Hexadecane	226	C16H34	000544-76-3	58
4		Pentadecane	212	C15H32	000629-62-9	58
5		Hexadecane	226	C16H34	000544-76-3	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
Data File : BG028558.D
Acq On : 30 Aug 2017 18:22
Operator : SJ/JU
Sample : I2056-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18B-30

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Undecanoic acid	15.34	3.5	ng/ul	91550	3	14.95	521175	20.0
(DEL) Alkane: Str...	26.71	2.2	ng/ul	96628	6	25.55	880664	20.0
(DEL) Alkane: Str...	28.19	2.9	ng/ul	125901	6	25.55	880664	20.0
(DEL) Alkane: Str...	29.97	2.8	ng/ul	121890	6	25.55	880664	20.0