

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028248.D
 Acq On : 10 Aug 2017 5:41
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD5

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	3.847	37	44	49	rVB3	7610	13608	0.99%	0.087%
2	4.252	110	113	118	rBV5	2251	3503	0.25%	0.022%
3	4.340	123	128	136	rBV7	5179	11725	0.85%	0.075%
4	5.457	315	318	324	rVB4	3431	6086	0.44%	0.039%
5	6.879	555	560	565	rVB5	4034	7572	0.55%	0.049%
6	7.037	577	587	593	rBV2	16843	26391	1.91%	0.169%
7	7.337	632	638	645	rVB4	10080	15659	1.13%	0.100%
8	7.501	658	666	681	rVB	148477	307636	22.29%	1.971%
9	7.666	685	694	706	rBV	110443	195234	14.14%	1.251%
10	7.795	713	716	723	rVB4	2170	3807	0.28%	0.024%
11	7.889	723	732	744	rBV	144314	265315	19.22%	1.700%
12	8.353	802	811	825	rBV	157070	287553	20.83%	1.842%
13	9.047	918	929	940	rBV	190037	354226	25.66%	2.269%
14	9.523	1001	1010	1023	rBV	151140	285423	20.68%	1.828%
15	9.646	1026	1031	1035	rBV2	2084	3397	0.25%	0.022%
16	10.245	1120	1133	1142	rBV	132351	243564	17.64%	1.560%
17	10.786	1216	1225	1239	rBV	191001	368193	26.67%	2.359%
18	11.174	1283	1291	1302	rVB	232297	445955	32.31%	2.857%
19	11.303	1302	1313	1327	rBV	136098	286773	20.77%	1.837%
20	12.131	1451	1454	1460	rVB2	2139	3876	0.28%	0.025%
21	12.325	1480	1487	1493	rBV2	4215	5987	0.43%	0.038%
22	12.496	1509	1516	1522	rVB2	18847	31042	2.25%	0.199%
23	12.619	1530	1537	1541	rBV3	3343	5840	0.42%	0.037%
24	12.736	1551	1557	1565	rBV4	3591	6277	0.45%	0.040%
25	13.013	1599	1604	1610	rBV3	2233	4147	0.30%	0.027%
26	13.547	1688	1695	1699	rBV4	2309	4072	0.29%	0.026%
27	13.747	1725	1729	1733	rBV2	2781	4047	0.29%	0.026%
28	13.835	1740	1744	1748	rVB2	2533	3483	0.25%	0.022%
29	14.282	1814	1820	1825	rVV4	4696	10103	0.73%	0.065%
30	14.346	1825	1831	1836	rVV	446223	655449	47.48%	4.199%
31	14.393	1836	1839	1848	rVB	140189	206569	14.96%	1.323%
32	14.652	1875	1883	1895	rBV	422498	691437	50.09%	4.429%
33	14.816	1907	1911	1915	rBV	7630	8334	0.60%	0.053%
34	14.957	1927	1935	1945	rVB2	417915	688820	49.90%	4.413%

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 Title : SVOA CALIBRATION

35	15.087	1953	1957	1960	rBV4	4699	7809	0.57%	0.050%
36	15.145	1960	1967	1986	rVV	117298	257717	18.67%	1.651%
37	15.363	1998	2004	2009	rBV6	2765	6091	0.44%	0.039%
38	15.427	2012	2015	2019	rBV4	3817	5448	0.39%	0.035%
39	15.721	2061	2065	2067	rBV4	2656	3876	0.28%	0.025%
40	15.762	2067	2072	2080	rVB2	10538	16519	1.20%	0.106%
41	15.874	2087	2091	2096	rBV2	6883	12410	0.90%	0.079%
42	15.944	2096	2103	2115	rVV	587082	939293	68.04%	6.017%
43	16.056	2115	2122	2132	rVV2	205549	325506	23.58%	2.085%
44	16.185	2137	2144	2151	rVB6	8445	17484	1.27%	0.112%
45	16.385	2173	2178	2183	rVB4	4035	6273	0.45%	0.040%
46	16.508	2193	2199	2200	rBV2	3429	5127	0.37%	0.033%
47	16.567	2207	2209	2214	rVB3	2350	3373	0.24%	0.022%
48	16.620	2214	2218	2229	rVB4	17104	32783	2.37%	0.210%
49	16.791	2244	2247	2249	rBV	2524	3583	0.26%	0.023%
50	16.973	2273	2278	2281	rBV5	6923	11625	0.84%	0.074%
51	17.125	2302	2304	2311	rVB4	3437	6908	0.50%	0.044%
52	17.413	2350	2353	2359	rVB4	10917	15534	1.13%	0.100%
53	17.484	2361	2365	2371	rVV5	3348	6505	0.47%	0.042%
54	17.537	2371	2374	2379	rVB3	3874	6637	0.48%	0.043%
55	17.707	2395	2403	2413	rBV	639694	990365	71.74%	6.344%
56	17.807	2413	2420	2428	rBV	696861	1088126	78.83%	6.970%
57	18.154	2476	2479	2484	rVB5	4876	4832	0.35%	0.031%
58	18.230	2488	2492	2497	rVB3	2322	4729	0.34%	0.030%
59	18.342	2505	2511	2516	rVB6	5102	12031	0.87%	0.077%
60	18.559	2542	2548	2556	rBV3	46224	98526	7.14%	0.631%
61	18.835	2593	2595	2603	rVB6	5739	7771	0.56%	0.050%
62	18.923	2606	2610	2616	rBV7	7150	16330	1.18%	0.105%
63	19.076	2631	2636	2640	rBV5	5381	7629	0.55%	0.049%
64	19.182	2650	2654	2656	rBV3	3485	3550	0.26%	0.023%
65	19.217	2658	2660	2664	rBV4	2693	3716	0.27%	0.024%
66	19.423	2692	2695	2698	rBV4	3245	3711	0.27%	0.024%
67	19.493	2698	2707	2715	rVB8	40409	72548	5.26%	0.465%
68	19.552	2715	2717	2720	rBV2	4038	4403	0.32%	0.028%
69	19.622	2724	2729	2731	rVB6	5894	8773	0.64%	0.056%
70	19.716	2735	2745	2746	rBV7	14070	30167	2.19%	0.193%
71	19.816	2756	2762	2777	rBV3	52136	114008	8.26%	0.730%

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72	19.969	2783	2788	2791	rBV6	10575	14403	1.04%	0.092%
73	20.004	2792	2794	2797	rVV3	7047	6461	0.47%	0.041%
74	20.081	2800	2807	2817	rVB	908372	1380416	100.00%	8.843%
75	20.163	2819	2821	2826	rVB5	5293	7397	0.54%	0.047%
76	20.386	2855	2859	2860	rBV4	4620	5939	0.43%	0.038%
77	20.527	2881	2883	2885	rBV3	4678	4207	0.30%	0.027%
78	20.563	2886	2889	2893	rVB5	7446	9019	0.65%	0.058%
79	20.751	2916	2921	2925	rVB7	6859	8767	0.64%	0.056%
80	21.050	2968	2972	2974	rBV5	10526	13799	1.00%	0.088%
81	21.309	3015	3016	3019	rBV3	4540	4986	0.36%	0.032%
82	21.385	3019	3029	3037	rVB3	20573	60167	4.36%	0.385%
83	21.608	3062	3067	3075	rBV3	16043	37124	2.69%	0.238%
84	22.037	3131	3140	3155	rBV	640340	1187124	86.00%	7.605%
85	22.167	3159	3162	3171	rVB10	8982	18372	1.33%	0.118%
86	22.842	3273	3277	3282	rBV5	11855	18681	1.35%	0.120%
87	23.042	3309	3311	3314	rBV4	4380	5688	0.41%	0.036%
88	23.588	3395	3404	3410	rVB7	19587	44908	3.25%	0.288%
89	24.270	3518	3520	3524	rVB5	3616	4280	0.31%	0.027%
90	24.458	3541	3552	3563	rVB4	35097	96990	7.03%	0.621%
91	25.298	3683	3695	3708	rBV2	418756	1273486	92.25%	8.158%
92	25.539	3720	3736	3748	rBV3	350218	1162833	84.24%	7.449%
93	26.720	3928	3937	3948	rVB3	42980	138998	10.07%	0.890%
94	26.855	3952	3960	3976	rVB3	17121	72415	5.25%	0.464%
95	28.183	4178	4186	4200	rVB5	36909	135769	9.84%	0.870%
96	29.511	4411	4412	4418	rVB6	5771	7860	0.57%	0.050%
97	29.969	4480	4490	4507	rVB5	31027	139322	10.09%	0.892%
98	30.521	4582	4584	4588	rBV5	5158	7423	0.54%	0.048%
99	31.009	4664	4667	4670	rBV3	5360	6364	0.46%	0.041%
100	32.131	4848	4858	4870	rVB7	25398	114634	8.30%	0.734%

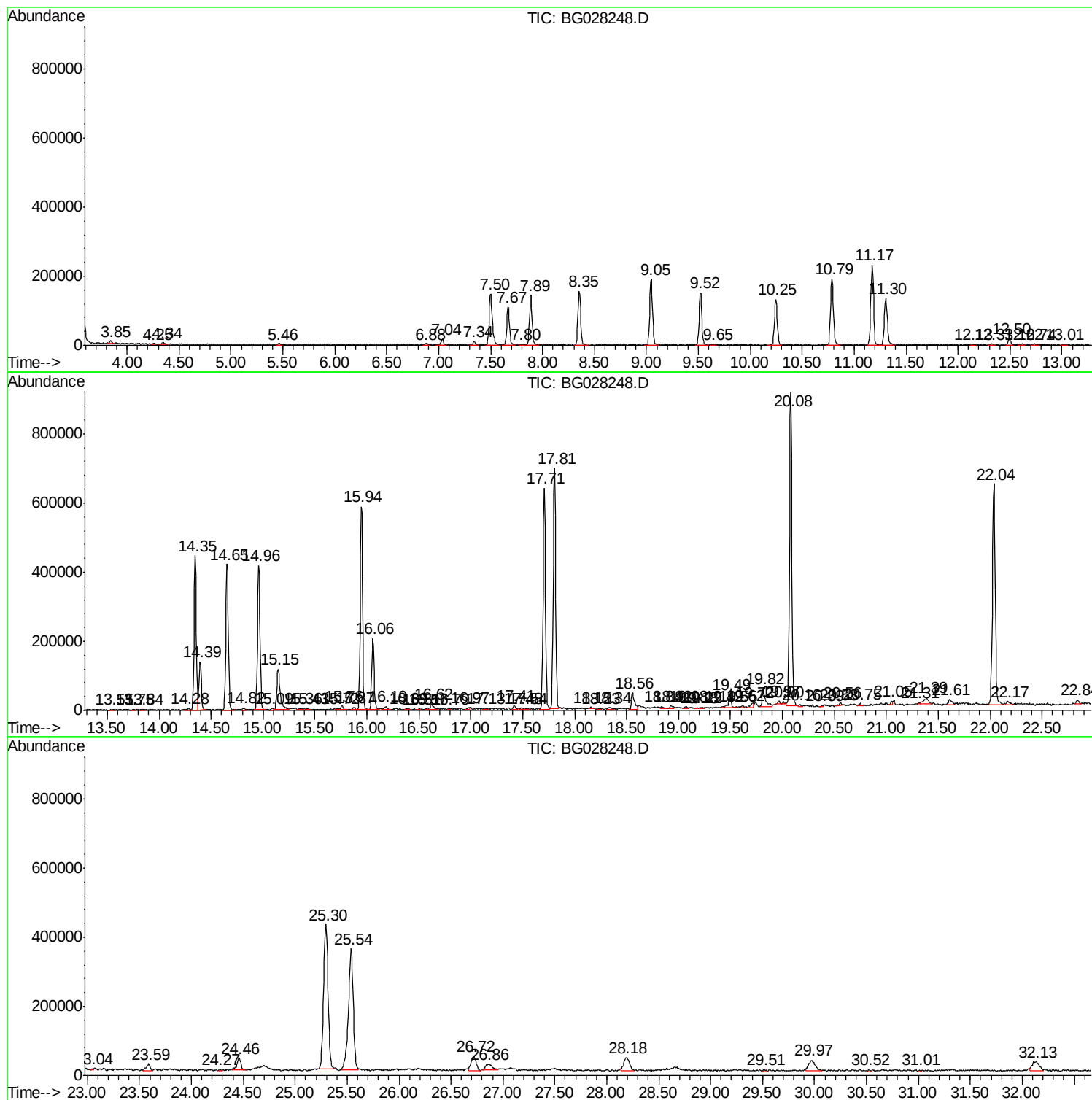
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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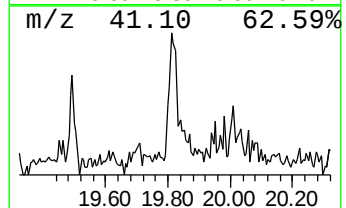
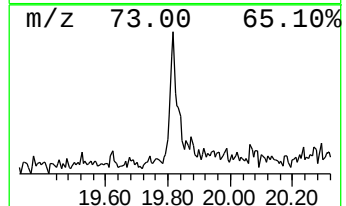
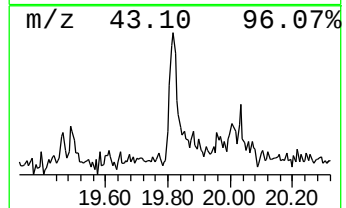
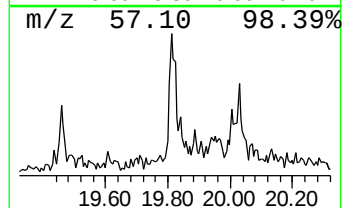
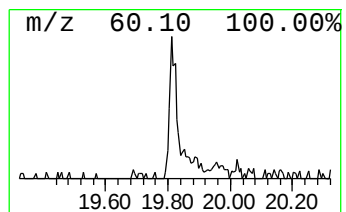
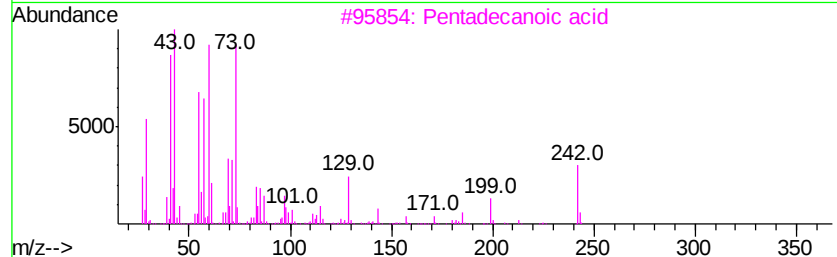
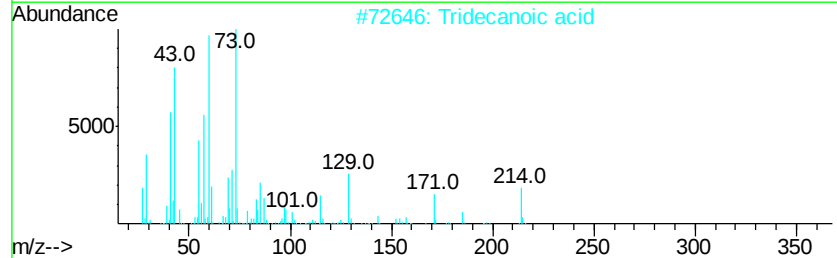
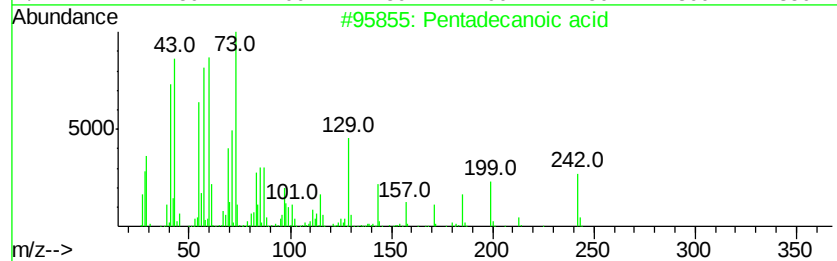
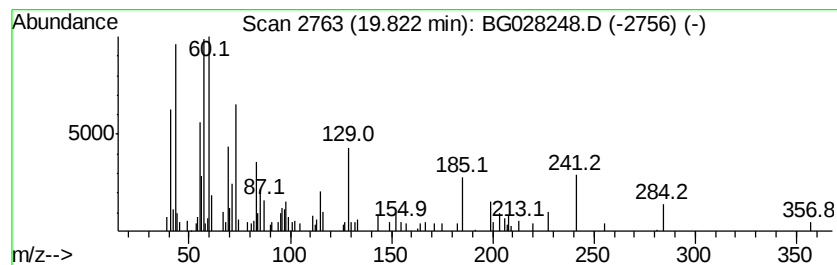
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.30 ng/ul	114008	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Octadecanoic acid	284	C18H36O2	000057-11-4	58



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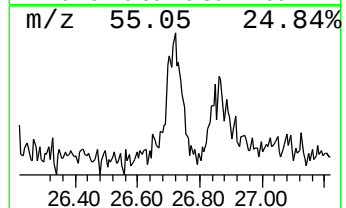
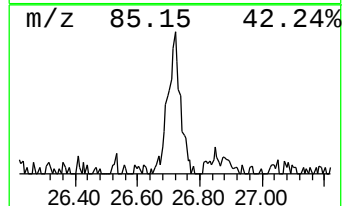
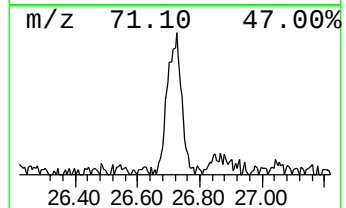
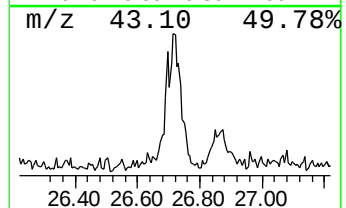
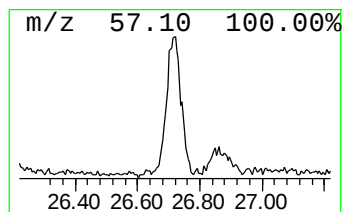
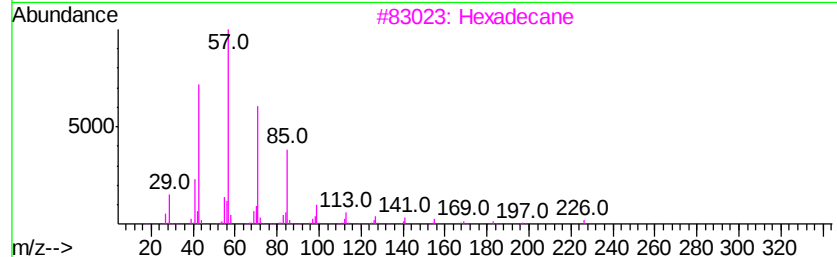
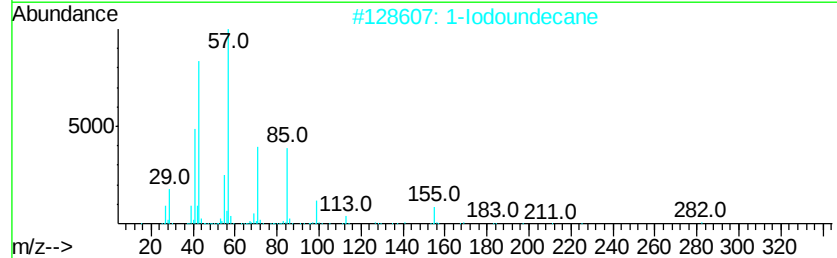
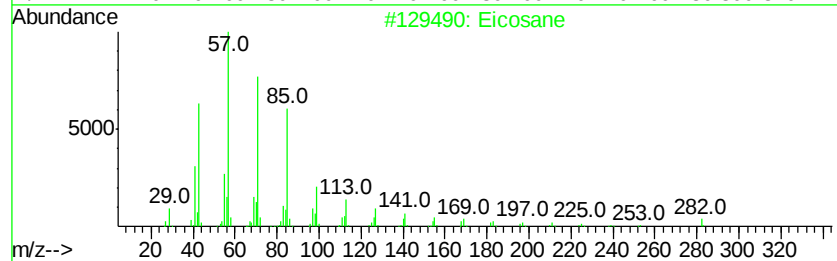
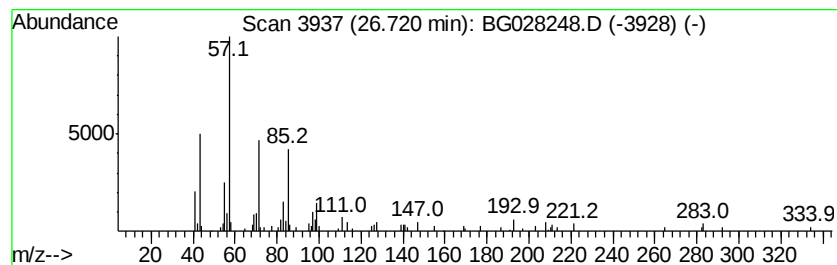
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.39 ng/ul	138998	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		1-Iodoundecane	282	C11H23I	004282-44-4	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Heptadecane	240	C17H36	000629-78-7	64
5		Heptacosane	380	C27H56	000593-49-7	53



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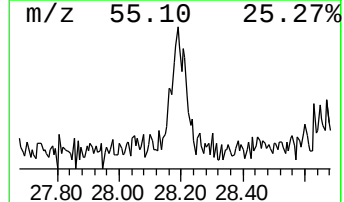
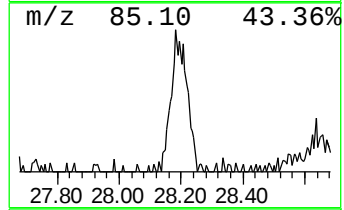
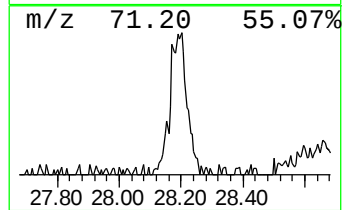
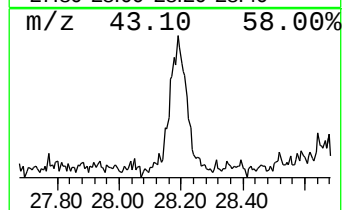
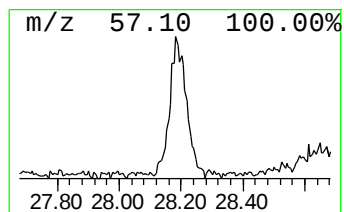
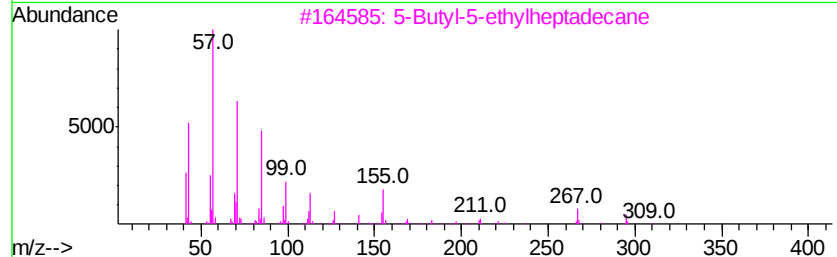
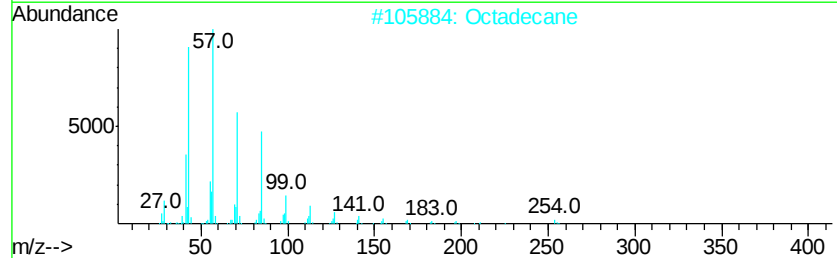
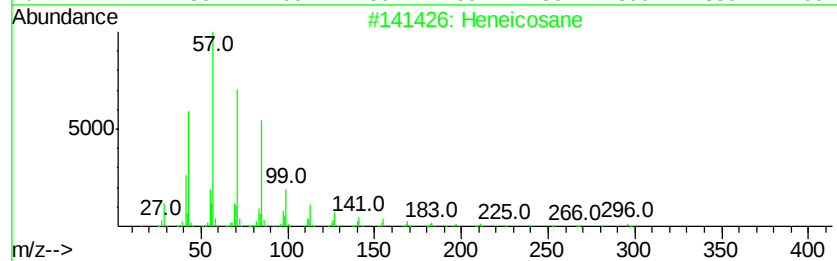
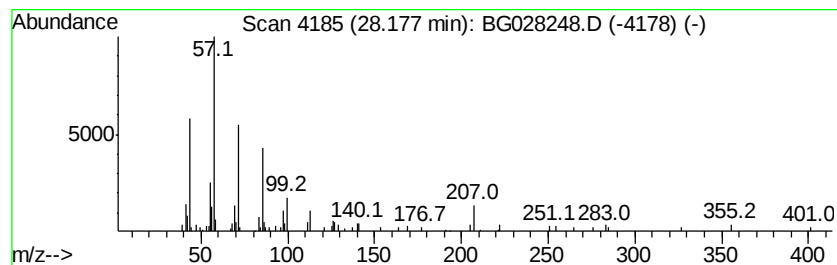
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.18	2.34 ng/ul	135769	Perylene-d12	25.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	89
2			Octadecane	254	C18H38	000593-45-3	72
3			5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	72
4			Hexacosane	366	C26H54	000630-01-3	64
5			Tetracosane	338	C24H50	000646-31-1	64



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Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD5

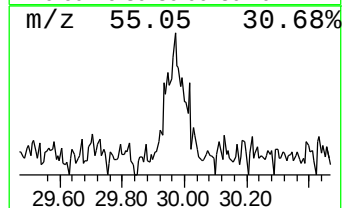
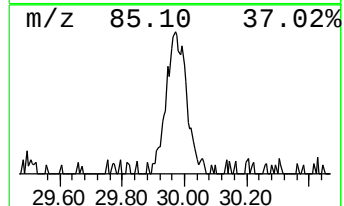
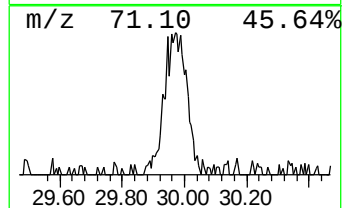
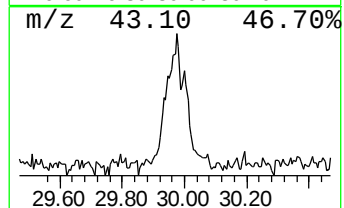
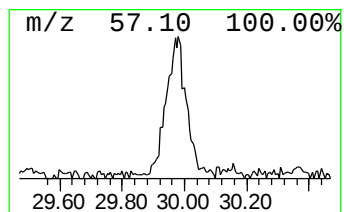
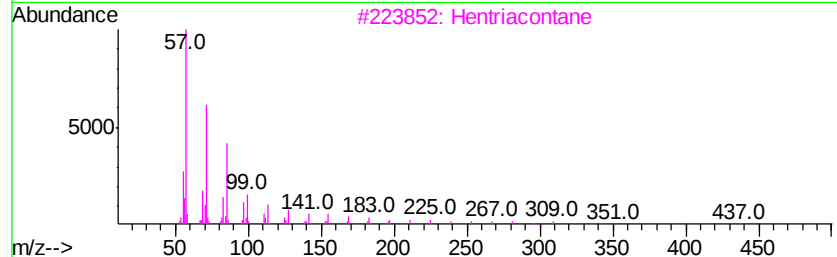
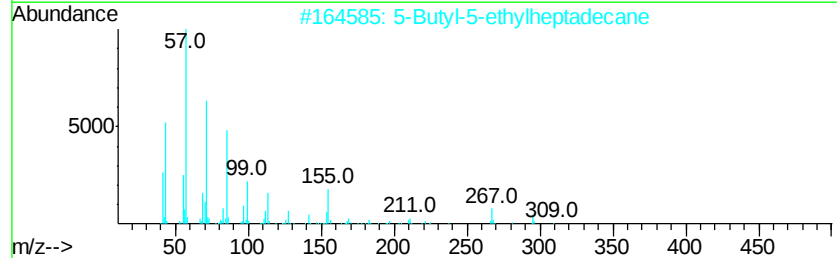
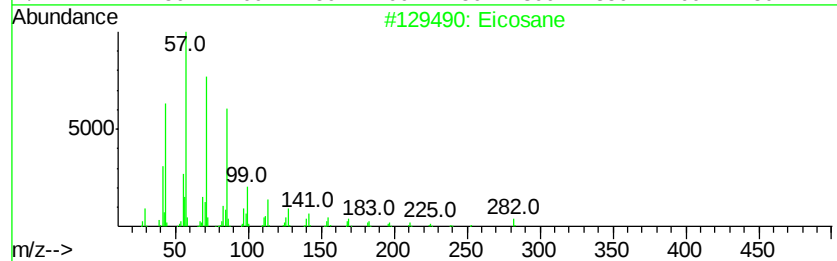
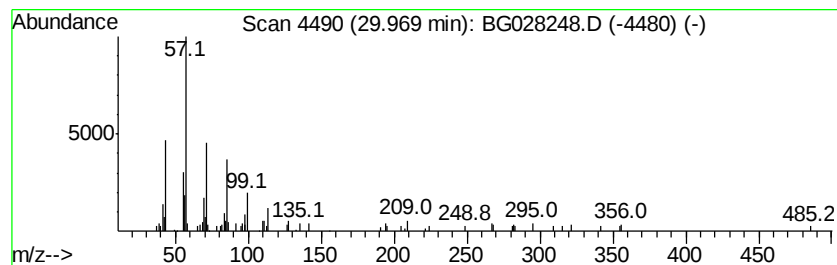
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	2.40 ng/ul	139322	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	92
2		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	72
3		Hentriacontane	437	C31H64	000630-04-6	64
4		Eicosane	282	C20H42	000112-95-8	60
5		Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080917\
Data File : BG028248.D
Acq On : 10 Aug 2017 5:41
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD5

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
Pentadecanoic acid	19.82	2.3	ng/ul	114008	4	17.71	990365	20.0
(DEL) Alkane: Str...	26.72	2.4	ng/ul	138998	6	25.54	1162830	20.0
(DEL) Alkane: Str...	28.18	2.3	ng/ul	135769	6	25.54	1162830	20.0
(DEL) Alkane: Str...	29.97	2.4	ng/ul	139322	6	25.54	1162830	20.0