

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021905.D
 Acq On : 16 May 2016 14:06
 Operator : UM/SJ
 Sample : H3095-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE7

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-BG050916.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	3.231	63	67	77	rVB4	9014	16914	0.92%	0.097%
2	3.325	79	83	88	rVB5	4474	7652	0.42%	0.044%
3	3.543	117	120	126	rVB5	2957	5648	0.31%	0.032%
4	4.071	208	210	217	rVB5	1627	2206	0.12%	0.013%
5	4.524	283	287	291	rBV3	9608	15114	0.82%	0.086%
6	4.941	354	358	362	rVB6	2990	4334	0.24%	0.025%
7	7.309	753	761	772	rBV	68795	143045	7.77%	0.818%
8	7.479	783	790	801	rBV	56886	112987	6.13%	0.646%
9	7.691	819	826	837	rBV	78362	157597	8.56%	0.902%
10	8.161	897	906	920	rBV	198378	402614	21.86%	2.303%
11	8.408	945	948	954	rVB4	998	2061	0.11%	0.012%
12	8.866	1017	1026	1041	rBV	107700	238507	12.95%	1.364%
13	9.330	1098	1105	1117	rBV2	69930	151074	8.20%	0.864%
14	10.059	1221	1229	1244	rBV	59121	133035	7.22%	0.761%
15	10.599	1312	1321	1333	rBV	121399	256850	13.94%	1.469%
16	10.981	1377	1386	1401	rVB	361167	741663	40.26%	4.243%
17	11.116	1401	1409	1424	rBV	51411	138208	7.50%	0.791%
18	11.398	1455	1457	1464	rVV5	1103	2084	0.11%	0.012%
19	11.980	1552	1556	1563	rVB5	3218	6204	0.34%	0.035%
20	12.368	1618	1622	1627	rVB3	3040	5300	0.29%	0.030%
21	12.556	1649	1654	1660	rBV3	1868	3755	0.20%	0.021%
22	12.632	1662	1667	1674	rVB3	4613	8728	0.47%	0.050%
23	12.849	1699	1704	1710	rVB4	3955	6936	0.38%	0.040%
24	13.302	1778	1781	1788	rVB4	2472	4120	0.22%	0.024%
25	13.390	1792	1796	1801	rBV3	1419	2492	0.14%	0.014%
26	13.596	1825	1831	1835	rBV4	5169	8184	0.44%	0.047%
27	13.666	1838	1843	1848	rVB3	4164	6322	0.34%	0.036%
28	13.948	1888	1891	1892	rBV	2047	1854	0.10%	0.011%
29	13.966	1892	1894	1900	rVB5	2320	3252	0.18%	0.019%
30	14.107	1913	1918	1924	rBV4	4960	9694	0.53%	0.055%
31	14.183	1924	1931	1936	rVV	311586	505029	27.42%	2.889%
32	14.230	1936	1939	1947	rVV	75182	116695	6.33%	0.668%
33	14.289	1947	1949	1954	rVV2	2853	3177	0.17%	0.018%
34	14.342	1954	1958	1959	rVV	2760	3101	0.17%	0.018%

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 Title : SVOA CALIBRATION

35	14.359	1959	1961	1967	rVB3	2537	3978	0.22%	0.023%
36	14.483	1974	1982	1997	rBV	388793	665563	36.13%	3.808%
37	14.583	1997	1999	2006	rVV2	1330	1941	0.11%	0.011%
38	14.659	2006	2012	2018	rVB2	13913	20850	1.13%	0.119%
39	14.788	2023	2034	2044	rBV2	661524	1175975	63.84%	6.727%
40	14.982	2060	2067	2075	rBV	50156	132389	7.19%	0.757%
41	15.176	2098	2100	2104	rVB4	4492	5100	0.28%	0.029%
42	15.276	2111	2117	2124	rVB6	5162	11426	0.62%	0.065%
43	15.346	2126	2129	2132	rVV2	2933	3374	0.18%	0.019%
44	15.399	2134	2138	2143	rVB6	3100	4780	0.26%	0.027%
45	15.446	2143	2146	2150	rVB3	3428	3731	0.20%	0.021%
46	15.570	2163	2167	2169	rBV3	4133	6340	0.34%	0.036%
47	15.611	2169	2174	2179	rVB	23227	34353	1.86%	0.197%
48	15.775	2189	2202	2215	rBV	543484	936669	50.85%	5.358%
49	15.887	2215	2221	2231	rBV	104177	178980	9.72%	1.024%
50	16.010	2237	2242	2247	rBV5	11965	24014	1.30%	0.137%
51	16.116	2255	2260	2265	rBV7	5919	10702	0.58%	0.061%
52	16.222	2274	2278	2283	rBV8	5168	8865	0.48%	0.051%
53	16.257	2283	2284	2285	rBV	3122	2027	0.11%	0.012%
54	16.469	2316	2320	2323	rBV3	29226	49707	2.70%	0.284%
55	16.616	2340	2345	2347	rBV6	5020	9697	0.53%	0.055%
56	16.721	2361	2363	2364	rBV2	2991	2594	0.14%	0.015%
57	16.815	2375	2379	2380	rBV3	4585	5556	0.30%	0.032%
58	16.874	2387	2389	2393	rBV5	3821	5639	0.31%	0.032%
59	16.980	2403	2407	2410	rVB5	8894	10763	0.58%	0.062%
60	17.056	2416	2420	2421	rBV4	4239	6343	0.34%	0.036%
61	17.180	2436	2441	2448	rVV6	21580	43104	2.34%	0.247%
62	17.262	2451	2455	2460	rVV3	27907	41451	2.25%	0.237%
63	17.309	2460	2463	2468	rVB5	10278	14463	0.79%	0.083%
64	17.397	2475	2478	2485	rVB7	12757	18985	1.03%	0.109%
65	17.462	2486	2489	2493	rBV5	8357	9081	0.49%	0.052%
66	17.532	2494	2501	2507	rBV2	828055	1444811	78.43%	8.265%
67	17.626	2512	2517	2530	rVV2	566563	1024981	55.64%	5.864%
68	17.720	2532	2533	2536	rVB2	4829	3636	0.20%	0.021%
69	17.797	2544	2546	2549	rVB3	5179	4055	0.22%	0.023%
70	17.926	2565	2568	2569	rBV3	3308	3509	0.19%	0.020%
71	18.002	2577	2581	2585	rVB2	14696	17703	0.96%	0.101%

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72	18.055	2588	2590	2593	rVB3	6135	5007	0.27%	0.029%
73	18.102	2593	2598	2601	rBV7	3671	6317	0.34%	0.036%
74	18.284	2624	2629	2634	rBV9	11776	18638	1.01%	0.107%
75	18.343	2634	2639	2644	rBV2	54596	87422	4.75%	0.500%
76	18.402	2644	2649	2654	rVV2	113528	184843	10.03%	1.057%
77	18.449	2654	2657	2665	rVB2	25323	55640	3.02%	0.318%
78	18.590	2676	2681	2686	rBV4	15943	31629	1.72%	0.181%
79	18.631	2686	2688	2693	rVB6	12512	16652	0.90%	0.095%
80	18.690	2693	2698	2704	rBV3	20960	38360	2.08%	0.219%
81	18.789	2713	2715	2719	rBV5	3572	3481	0.19%	0.020%
82	18.836	2722	2723	2725	rBV2	3904	2494	0.14%	0.014%
83	18.895	2729	2733	2737	rBV3	12763	18582	1.01%	0.106%
84	19.312	2800	2804	2810	rVB2	30487	45637	2.48%	0.261%
85	19.395	2816	2818	2823	rVB6	8243	10622	0.58%	0.061%
86	19.448	2824	2827	2833	rBV7	9712	20365	1.11%	0.117%
87	19.571	2841	2848	2854	rBV	163410	295743	16.05%	1.692%
88	19.906	2898	2905	2917	rVB2	819024	1483578	80.54%	8.487%
89	20.411	2988	2991	2997	rVB2	55601	85487	4.64%	0.489%
90	21.428	3160	3164	3169	rVB2	98680	141812	7.70%	0.811%
91	21.680	3203	3207	3214	rVB	87299	132094	7.17%	0.756%
92	21.815	3222	3230	3236	rBV	923278	1842137	100.00%	10.538%
93	22.614	3363	3366	3375	rBV4	42004	94915	5.15%	0.543%
94	24.083	3609	3616	3623	rBV2	54844	180049	9.77%	1.030%
95	24.171	3625	3631	3638	rVB3	83739	212117	11.51%	1.213%
96	24.918	3749	3758	3767	rBV2	335245	994065	53.96%	5.687%
97	25.153	3786	3798	3810	rBV2	551223	1774398	96.32%	10.151%
98	25.952	3928	3934	3944	rVB8	87122	276953	15.03%	1.584%
99	26.334	3993	3999	4013	rVB3	81461	247546	13.44%	1.416%

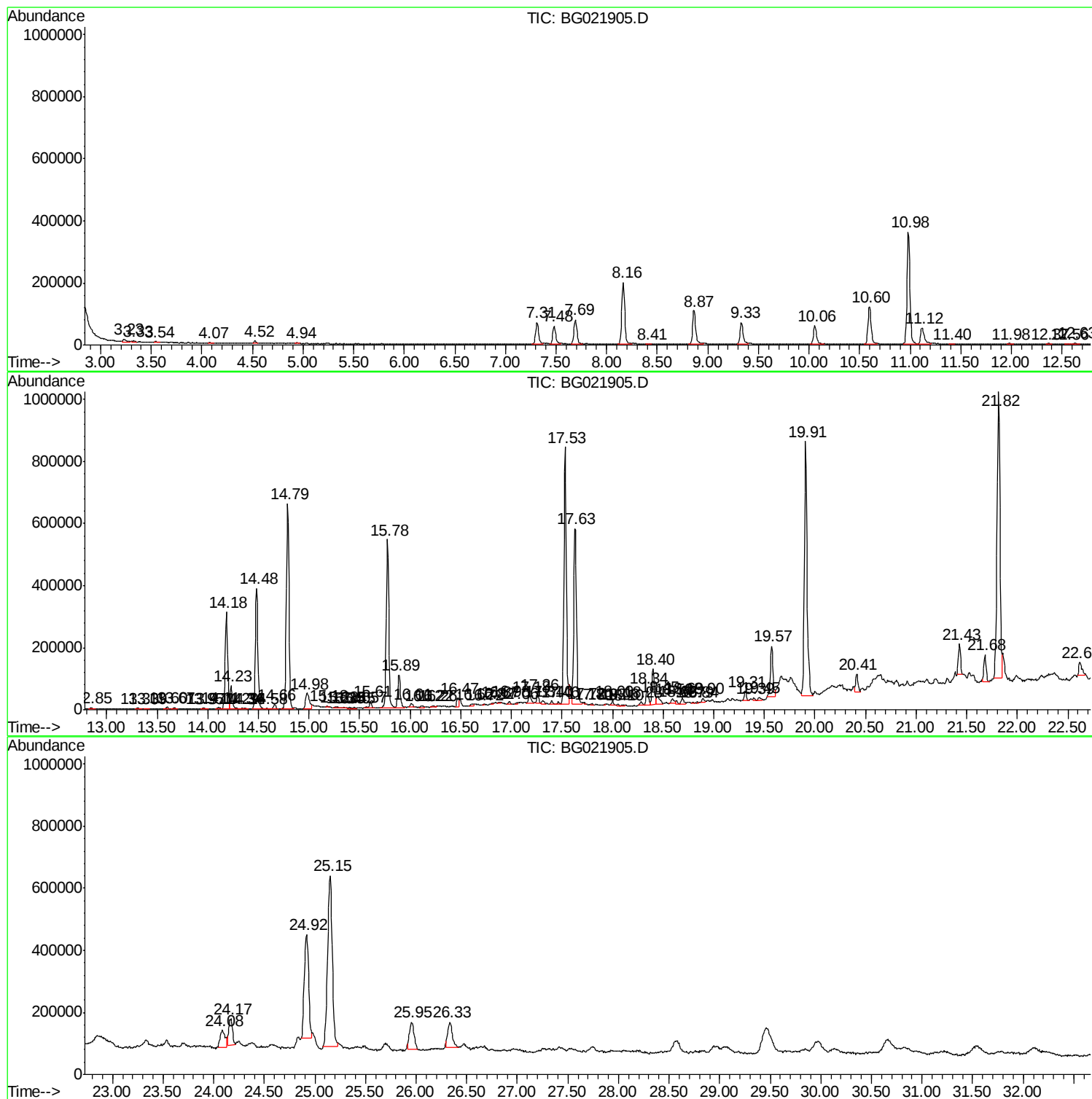
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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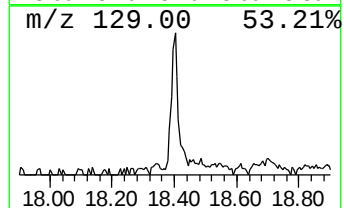
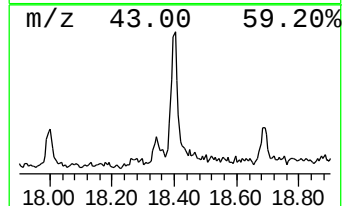
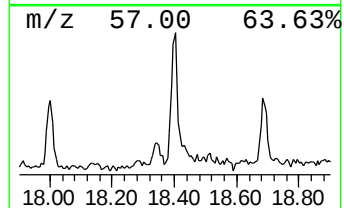
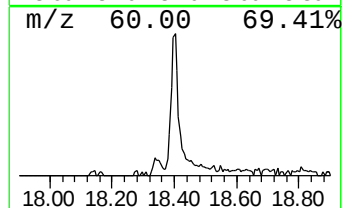
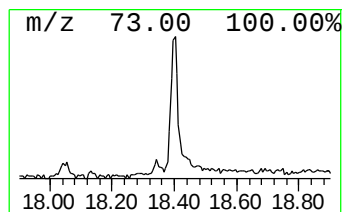
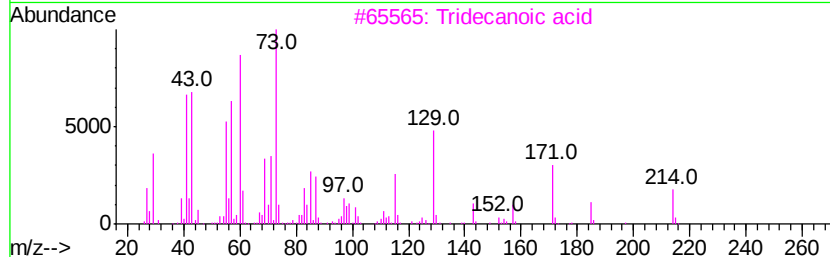
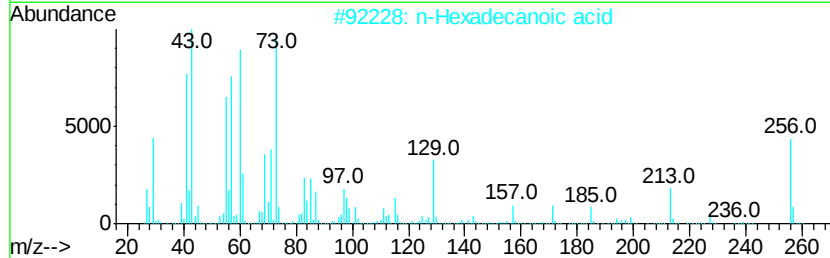
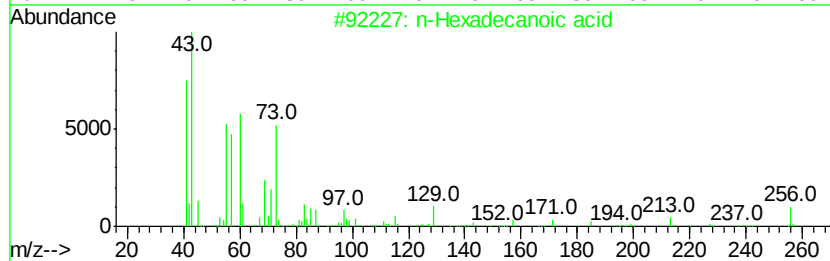
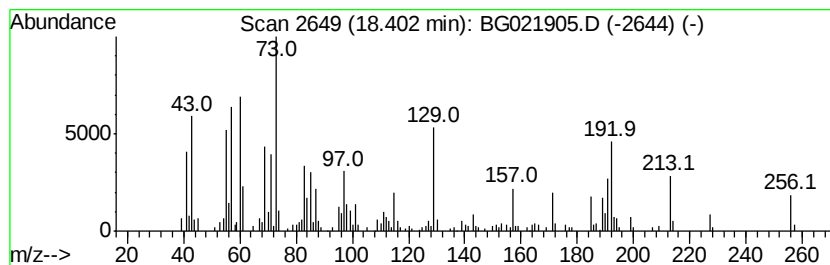
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.56 ng/ul	184843	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	60
4		Tridecanoic acid	214	C13H26O2	000638-53-9	55
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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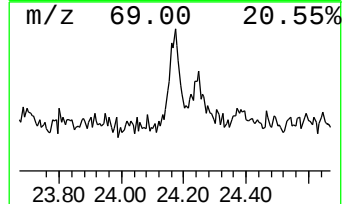
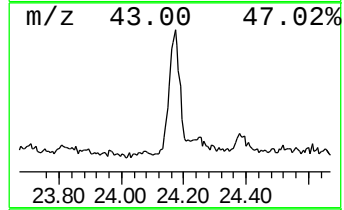
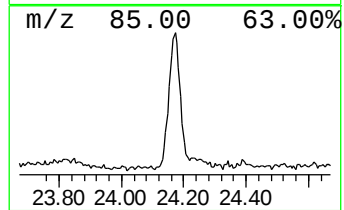
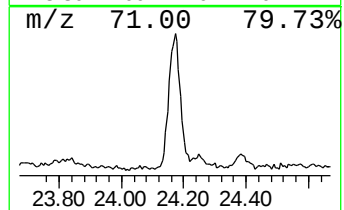
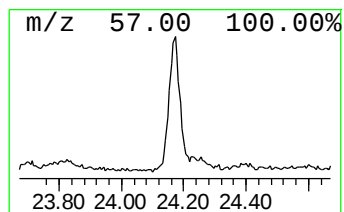
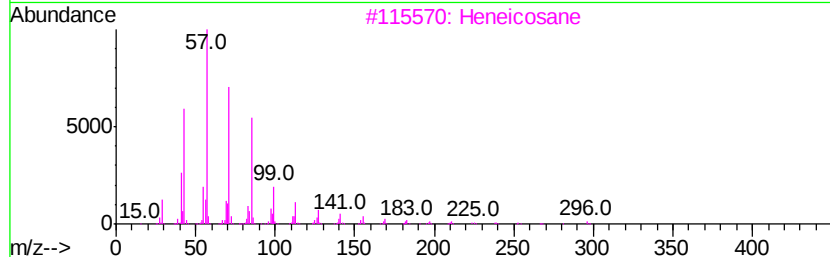
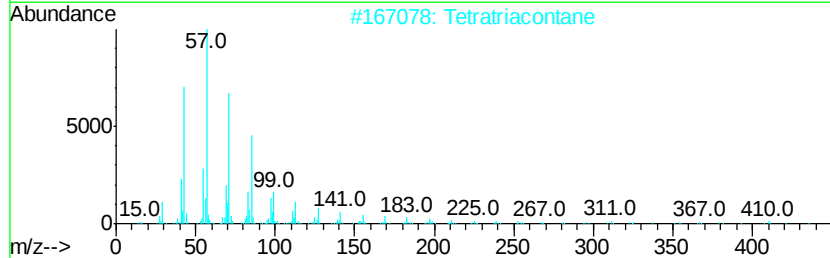
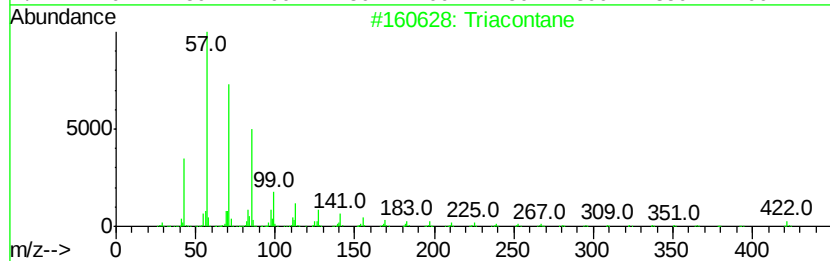
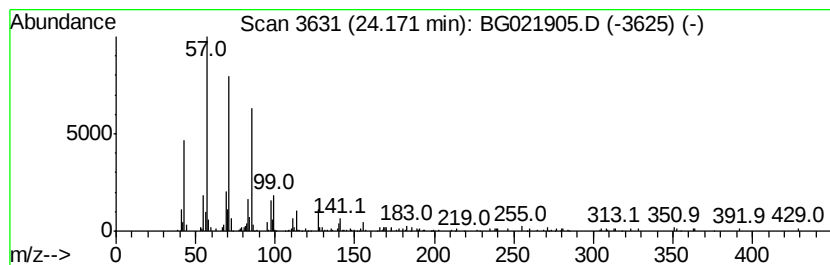
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
24.17	2.39 ng/ul	212117	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Tetratriacontane	479	C34H70	014167-59-0	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



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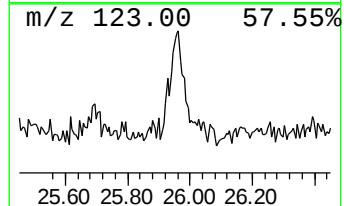
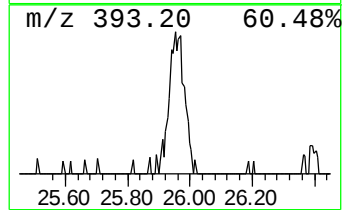
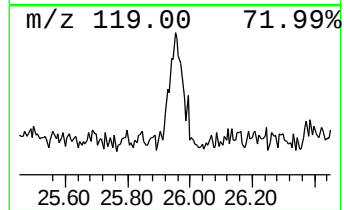
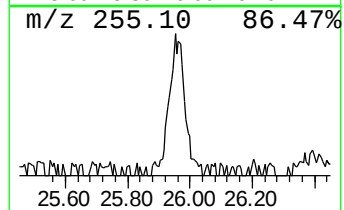
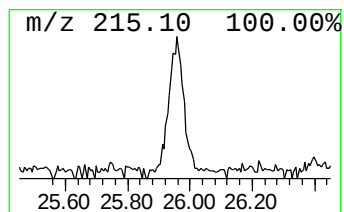
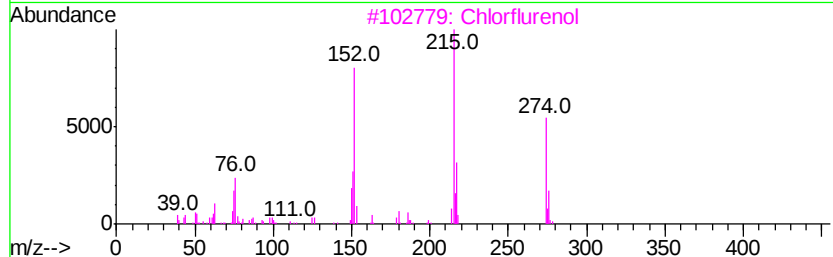
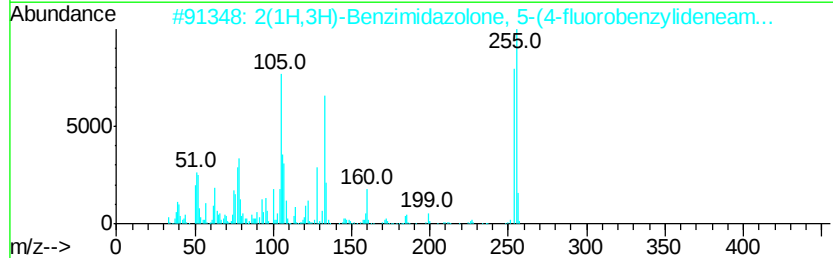
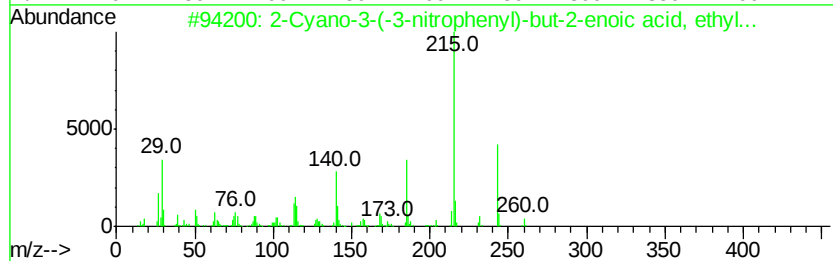
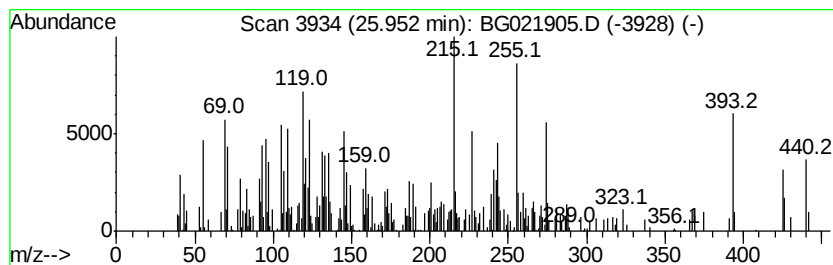
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.95	3.12 ng/ul	276953	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyano-3-(-3-nitrophenyl)-but-2...	260	C13H12N2O4	014442-35-4	35
2		2(1H,3H)-Benzimidazolone, 5-(4-f...	255	C14H10FN3O	332352-27-9	15
3		Chlorfluorenl	274	C15H11ClO3	002536-31-4	14
4		Propenoic acid, 3-[2,5-dimethyl-...	255	C16H17NO2	299922-51-3	11
5		Pyrene, 1-(chloromethyl)-	250	C17H11Cl	001086-00-6	11



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021905.D
Acq On : 16 May 2016 14:06
Operator : UM/SJ
Sample : H3095-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XE7

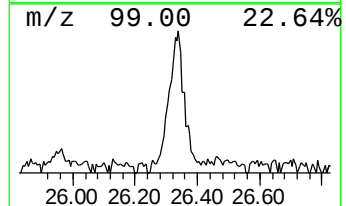
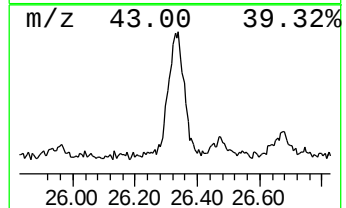
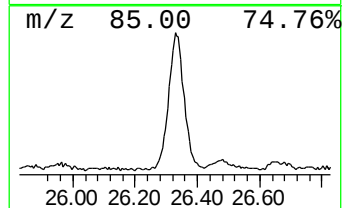
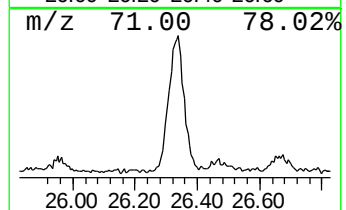
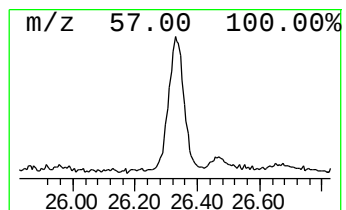
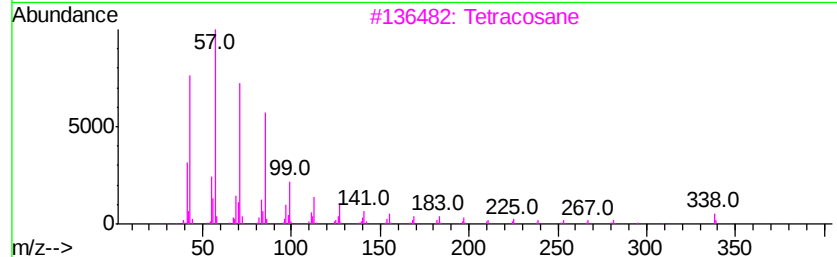
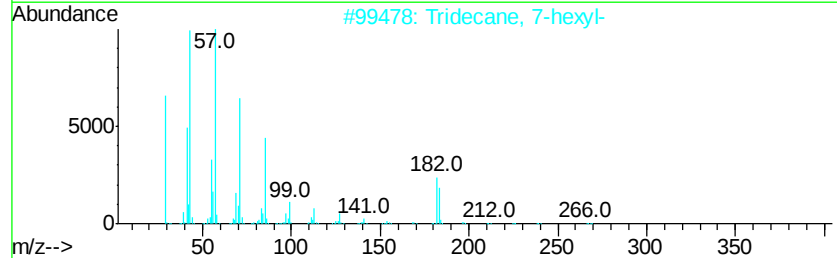
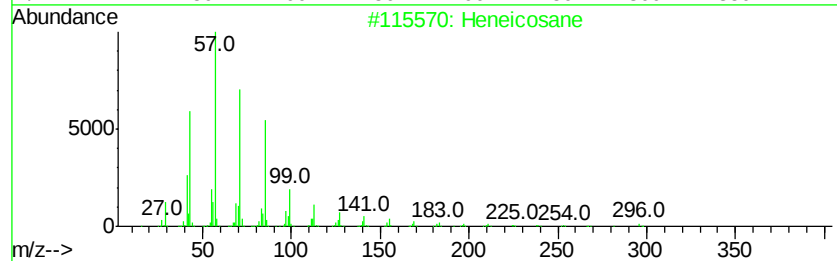
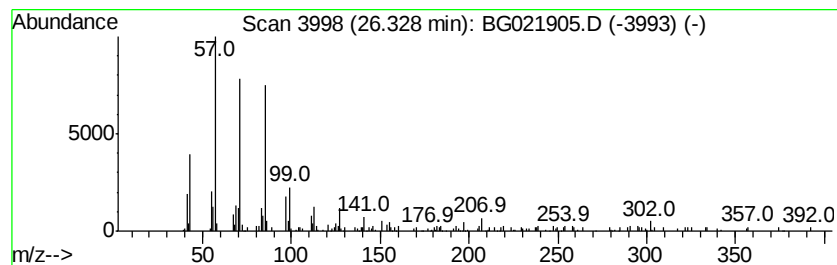
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
26.33	2.79 ng/ul	247546	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
3		Tetracosane	338	C24H50	000646-31-1	83
4		Eicosane	282	C20H42	000112-95-8	78
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051616\
Data File : BG021905.D
Acq On : 16 May 2016 14:06
Operator : UM/SJ
Sample : H3095-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	2.6	ng/ul	184843	4	17.53	1444810	20.0
(DEL) Alkane: Str...	24.17	2.4	ng/ul	212117	6	25.15	1774400	20.0
unknown-01	25.95	3.1	ng/ul	276953	6	25.15	1774400	20.0
(DEL) Alkane: Str...	26.33	2.8	ng/ul	247546	6	25.15	1774400	20.0