

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023581.D
 Acq On : 10 Aug 2016 6:56
 Operator : UM/SJ
 Sample : H4362-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-0206-01

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-BG080416.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	4.658	305	310	312	rBV4	6316	9704	0.18%	0.015%
2	5.187	396	400	404	rVB5	10901	17350	0.31%	0.027%
3	5.434	439	442	444	rBV3	7426	9591	0.17%	0.015%
4	5.616	470	473	476	rVB4	6672	8464	0.15%	0.013%
5	5.763	496	498	502	rVB3	6621	7362	0.13%	0.012%
6	5.804	502	505	508	rBV4	6573	10348	0.19%	0.016%
7	6.421	608	610	614	rVB4	7008	7796	0.14%	0.012%
8	6.867	685	686	692	rVB4	5201	6910	0.12%	0.011%
9	7.108	722	727	730	rVB5	6330	10210	0.18%	0.016%
10	7.267	746	754	767	rBV	557883	1073496	19.36%	1.680%
11	7.425	776	781	790	rVB	483234	806515	14.55%	1.262%
12	7.637	810	817	826	rBV	552628	971163	17.52%	1.520%
13	8.113	890	898	906	rBV	640196	1119008	20.18%	1.751%
14	8.436	950	953	955	rBV3	5555	7497	0.14%	0.012%
15	8.547	971	972	976	rBV4	6921	7425	0.13%	0.012%
16	8.823	1012	1019	1032	rBV2	635576	1114673	20.11%	1.744%
17	8.941	1037	1039	1048	rVB6	9530	18201	0.33%	0.028%
18	9.287	1090	1098	1108	rBV	600874	1069987	19.30%	1.674%
19	9.399	1111	1117	1123	rBV5	23536	51776	0.93%	0.081%
20	9.675	1156	1164	1167	rBV7	11150	23714	0.43%	0.037%
21	10.016	1215	1222	1230	rBV	493336	908985	16.40%	1.422%
22	10.568	1308	1316	1326	rBV	726436	1396260	25.18%	2.185%
23	10.944	1373	1380	1389	rBV	1012295	1846591	33.31%	2.890%
24	11.085	1395	1404	1416	rBV	496899	1006674	18.16%	1.575%
25	11.972	1554	1555	1559	rVB3	9734	7825	0.14%	0.012%
26	12.172	1585	1589	1593	rBV5	5801	10232	0.18%	0.016%
27	12.424	1626	1632	1637	rVB7	8848	16601	0.30%	0.026%
28	12.536	1647	1651	1656	rBV5	17288	28515	0.51%	0.045%
29	13.129	1747	1752	1754	rVB3	10073	14035	0.25%	0.022%
30	13.153	1754	1756	1761	rVB5	7301	10298	0.19%	0.016%
31	13.370	1787	1793	1797	rVB6	17678	26862	0.48%	0.042%
32	13.564	1823	1826	1830	rBV5	7607	10475	0.19%	0.016%
33	13.658	1834	1842	1848	rVB9	13874	31684	0.57%	0.050%
34	13.846	1872	1874	1878	rBV4	6257	7213	0.13%	0.011%

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35	14.099	1912	1917	1923	rVB6	19334	35086	0.63%	0.055%
36	14.175	1923	1930	1934	rBV	1596455	2397760	43.25%	3.752%
37	14.222	1934	1938	1945	rVB	1353231	1957949	35.32%	3.064%
38	14.334	1955	1957	1961	rBV4	6209	7815	0.14%	0.012%
39	14.416	1968	1971	1973	rBV3	5255	6460	0.12%	0.010%
40	14.475	1975	1981	1992	rVV	1758903	2797330	50.46%	4.377%
41	14.651	2007	2011	2015	rVB2	32616	41296	0.74%	0.065%
42	14.727	2020	2024	2027	rBV5	19710	29241	0.53%	0.046%
43	14.780	2027	2033	2042	rVV2	1734823	2955913	53.32%	4.626%
44	14.845	2042	2044	2048	rVB4	16460	18788	0.34%	0.029%
45	14.997	2064	2070	2083	rBV2	350632	769003	13.87%	1.203%
46	15.150	2093	2096	2098	rBV4	16069	17133	0.31%	0.027%
47	15.268	2110	2116	2121	rBV10	15472	31852	0.57%	0.050%
48	15.344	2125	2129	2132	rBV6	9455	14751	0.27%	0.023%
49	15.385	2135	2136	2139	rBV3	7678	7191	0.13%	0.011%
50	15.456	2145	2148	2150	rBV4	6675	7030	0.13%	0.011%
51	15.514	2153	2158	2162	rVV2	65766	95813	1.73%	0.150%
52	15.555	2162	2165	2169	rVV3	22428	31596	0.57%	0.049%
53	15.602	2169	2173	2179	rVB2	68752	97165	1.75%	0.152%
54	15.649	2179	2181	2182	rBV	14136	8863	0.16%	0.014%
55	15.779	2196	2203	2210	rBV	2428943	3740652	67.47%	5.854%
56	15.902	2218	2224	2237	rBV	732314	1139490	20.55%	1.783%
57	16.014	2237	2243	2248	rBV7	51277	89333	1.61%	0.140%
58	16.108	2257	2259	2261	rBV3	16147	18208	0.33%	0.028%
59	16.231	2276	2280	2286	rBV9	16274	30169	0.54%	0.047%
60	16.348	2299	2300	2307	rVB7	13462	17579	0.32%	0.028%
61	16.472	2317	2321	2332	rBV	85565	168525	3.04%	0.264%
62	16.625	2343	2347	2349	rBV5	17736	23465	0.42%	0.037%
63	16.742	2365	2367	2373	rVB7	19147	28064	0.51%	0.044%
64	16.789	2373	2375	2376	rBV2	9965	7393	0.13%	0.012%
65	16.813	2376	2379	2382	rBV5	19232	28817	0.52%	0.045%
66	16.924	2393	2398	2404	rVB10	19722	38828	0.70%	0.061%
67	16.983	2404	2408	2412	rBV7	26986	39531	0.71%	0.062%
68	17.106	2428	2429	2432	rBV3	12027	8744	0.16%	0.014%
69	17.200	2441	2445	2450	rBV7	20285	36006	0.65%	0.056%
70	17.271	2453	2457	2461	rVV	64872	87620	1.58%	0.137%
71	17.324	2463	2466	2470	rVB4	25437	37779	0.68%	0.059%

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72	17.418	2478	2482	2484	rBV3	48878	68154	1.23%	0.107%
73	17.547	2497	2504	2509	rBV2	2498861	3918131	70.67%	6.131%
74	17.588	2509	2511	2515	rVV	316628	404642	7.30%	0.633%
75	17.647	2515	2521	2532	rVB2	2578410	4144285	74.75%	6.485%
76	18.011	2580	2583	2587	rBV2	31224	36182	0.65%	0.057%
77	18.134	2600	2604	2607	rBV6	19514	32557	0.59%	0.051%
78	18.305	2627	2633	2637	rBV8	32459	62070	1.12%	0.097%
79	18.363	2639	2643	2647	rVV6	42140	66843	1.21%	0.105%
80	18.416	2647	2652	2658	rVV2	530738	804829	14.52%	1.259%
81	18.475	2659	2662	2668	rVB2	98745	168308	3.04%	0.263%
82	18.622	2682	2687	2691	rBV4	73238	133708	2.41%	0.209%
83	18.657	2691	2693	2698	rVB2	60359	64915	1.17%	0.102%
84	18.704	2699	2701	2703	rBV3	22739	24406	0.44%	0.038%
85	18.916	2735	2737	2741	rBV	37962	40615	0.73%	0.064%
86	18.968	2743	2746	2751	rVV3	58284	74989	1.35%	0.117%
87	19.339	2805	2809	2813	rVB2	73784	99706	1.80%	0.156%
88	19.568	2846	2848	2849	rBV2	53326	41232	0.74%	0.065%
89	19.603	2849	2854	2859	rVB	668326	974305	17.57%	1.525%
90	19.685	2865	2868	2877	rVB2	270841	383092	6.91%	0.599%
91	19.938	2904	2911	2923	rVB3	3193828	5544173	100.00%	8.676%
92	21.471	3168	3172	3178	rBV2	313889	542245	9.78%	0.849%
93	21.724	3212	3215	3220	rVB	191528	232040	4.19%	0.363%
94	21.865	3232	3239	3245	rBV	2285303	4307770	77.70%	6.741%
95	22.675	3373	3377	3378	rBV	212572	270114	4.87%	0.423%
96	22.705	3379	3382	3394	rVB	464145	1034307	18.66%	1.619%
97	24.250	3639	3645	3653	rVB	1149482	2560787	46.19%	4.007%
98	25.025	3769	3777	3787	rBV2	1273097	3366085	60.71%	5.267%
99	25.260	3807	3817	3828	rBV2	1331723	4023826	72.58%	6.297%
100	26.447	4011	4019	4035	rVB3	637756	1937525	34.95%	3.032%

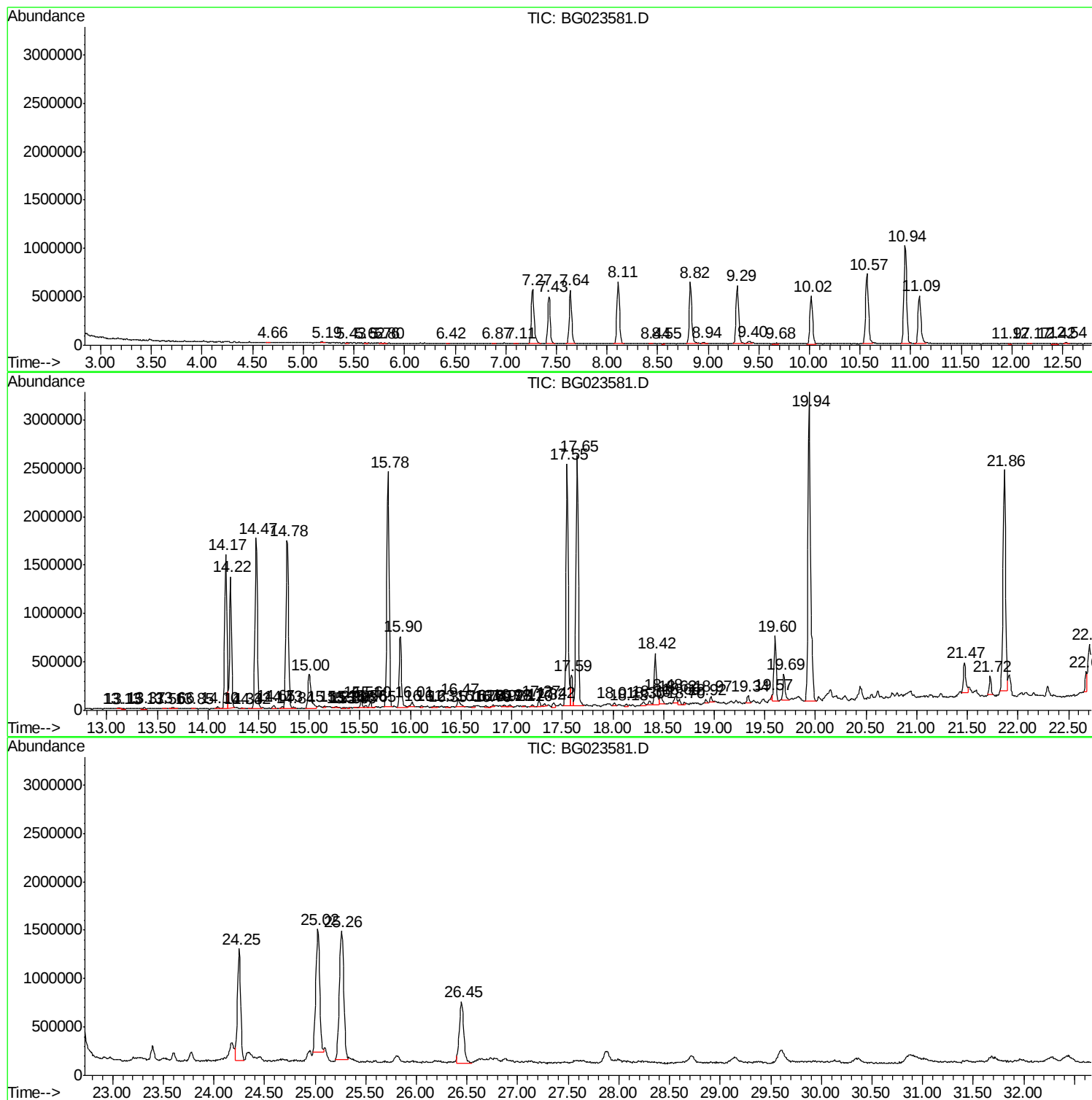
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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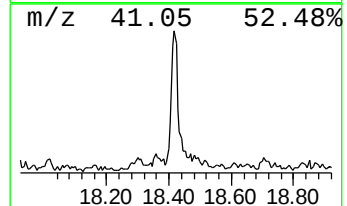
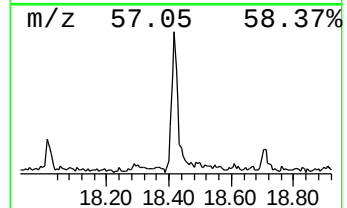
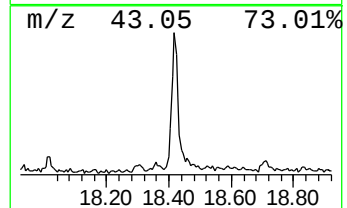
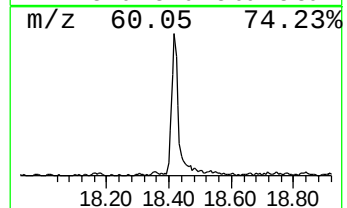
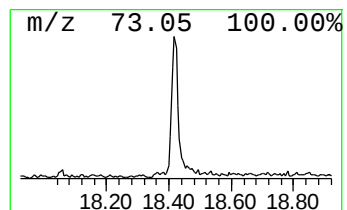
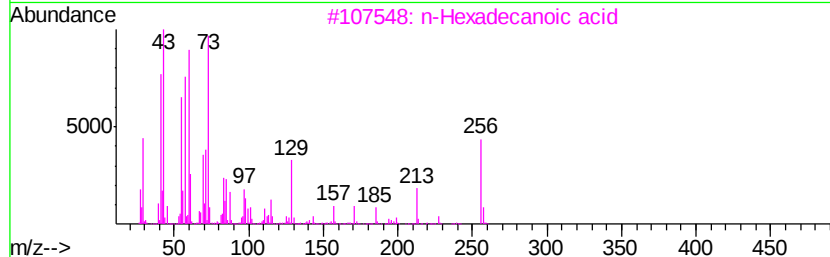
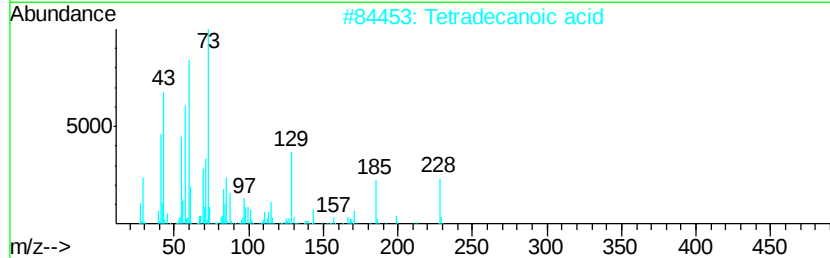
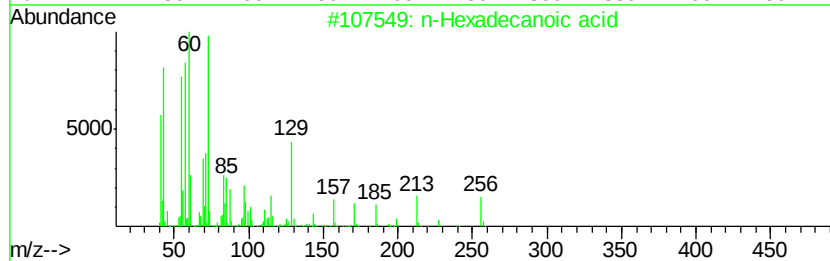
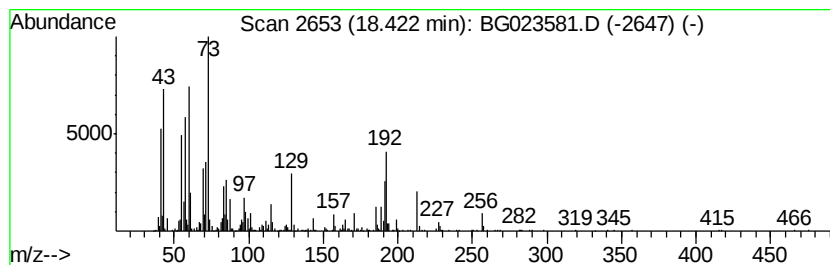
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.	
18.42	4.11 ng/ul	804829	Phenanthrene-d10			17.55	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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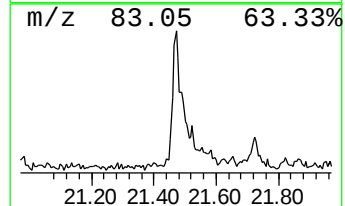
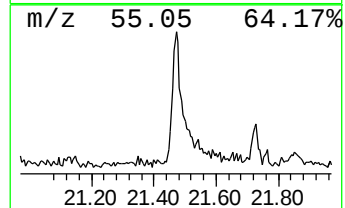
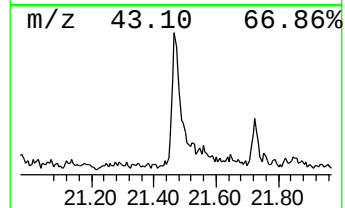
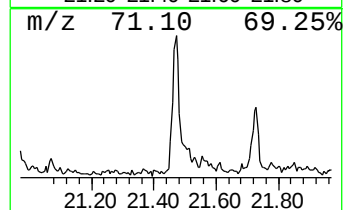
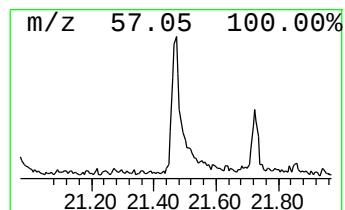
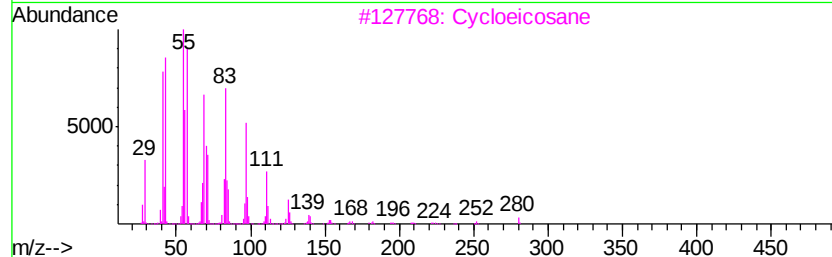
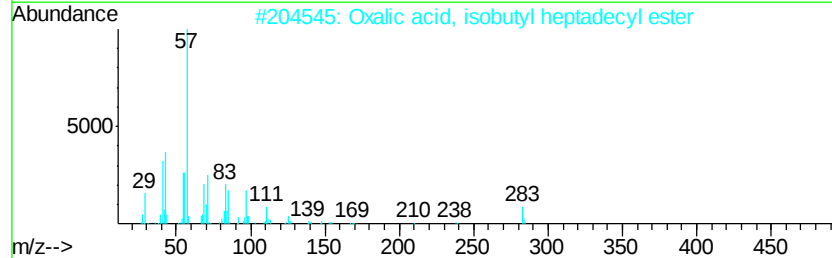
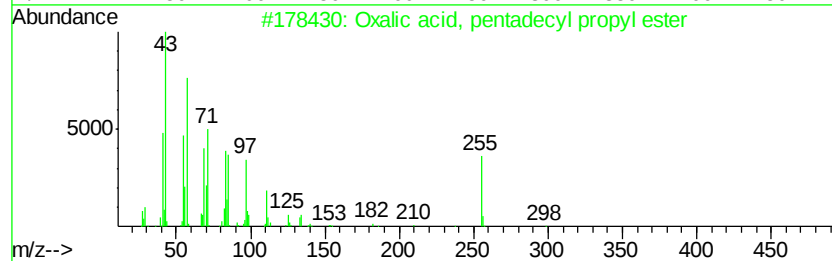
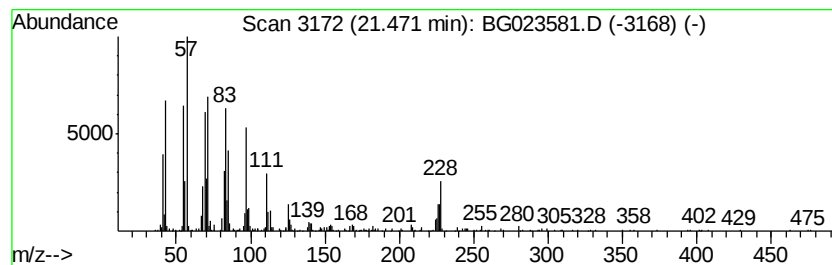
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxalic acid, pentadecyl pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.47	2.52 ng/ul	542245	Chrysene-d12	21.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	74	
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74	
3	Cycloeicosane	280	C20H40	000296-56-0	70	
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	68	
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	68	



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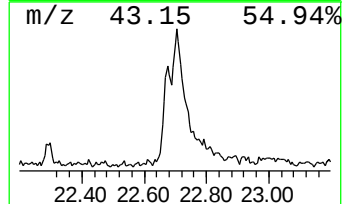
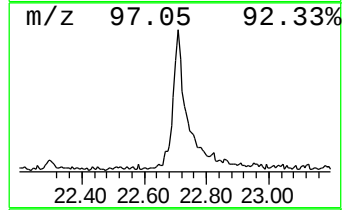
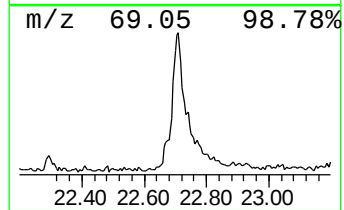
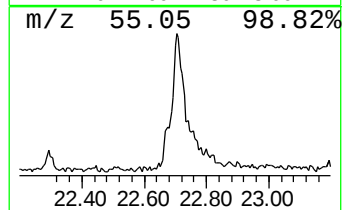
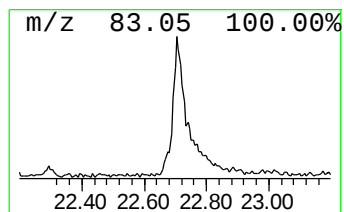
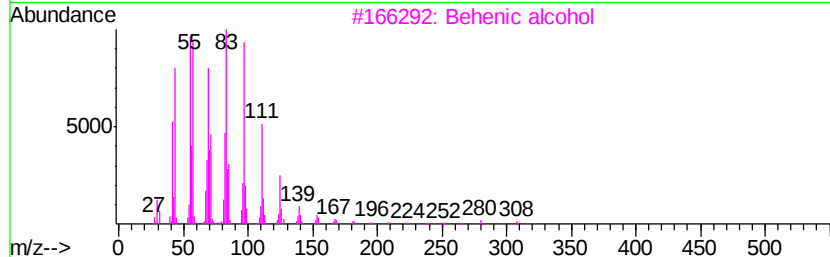
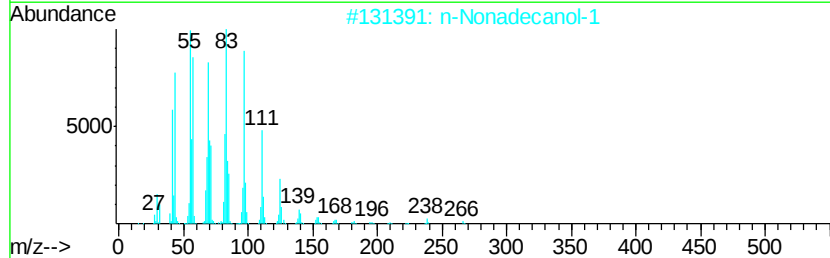
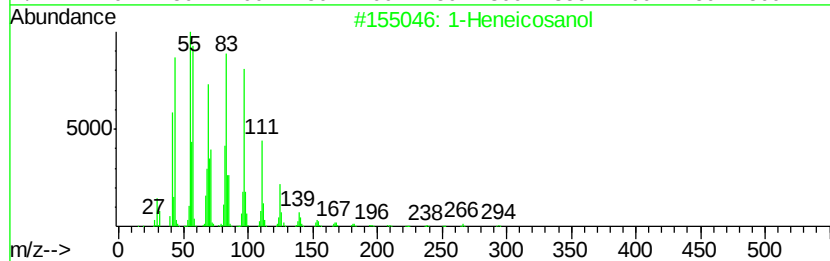
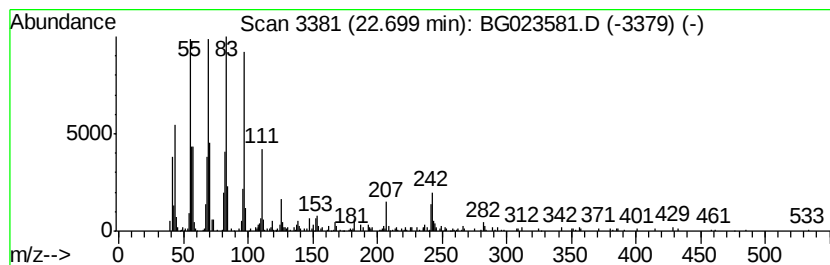
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	4.80 ng/ul	1034310	Chrysene-d12	21.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	91
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3		Behenic alcohol	326	C22H46O	000661-19-8	90
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	80
5		Cyclotetracosane	336	C24H48	000297-03-0	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023581.D
Acq On : 10 Aug 2016 6:56
Operator : UM/SJ
Sample : H4362-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0206-01

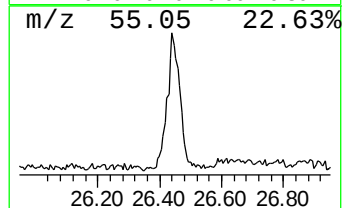
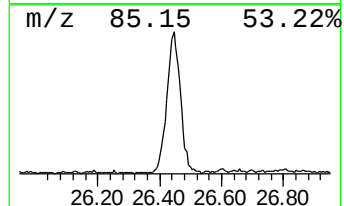
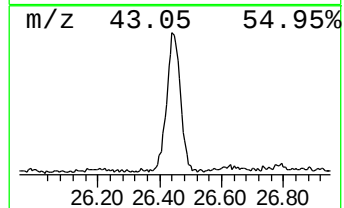
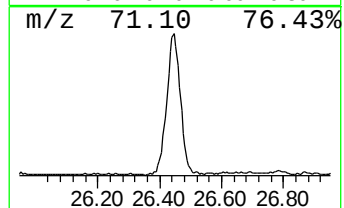
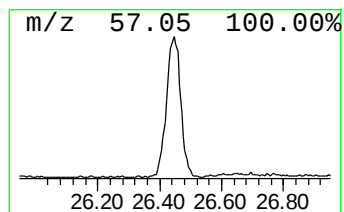
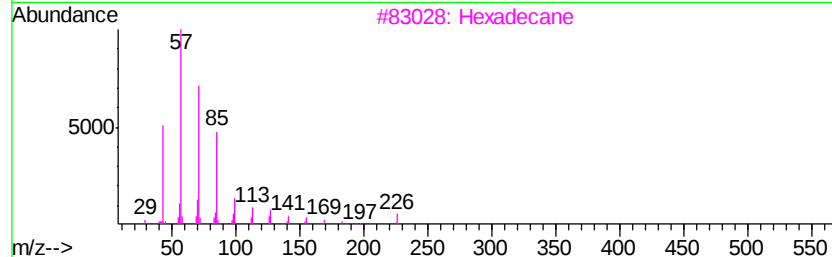
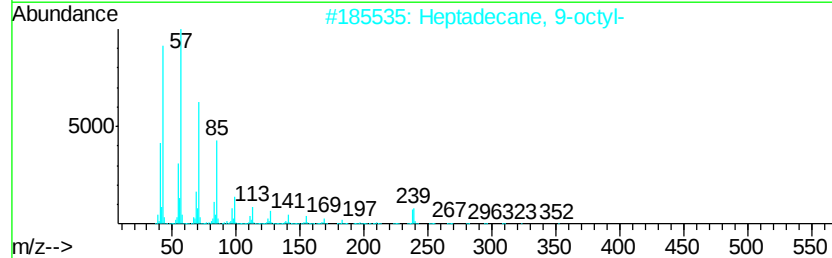
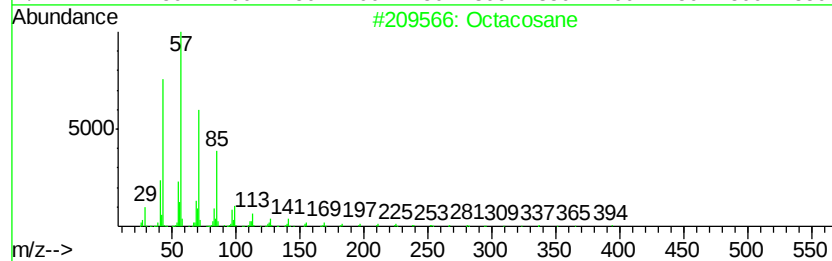
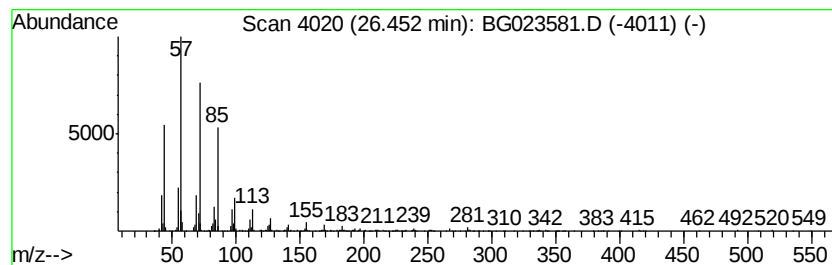
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Quant Title : SVOA CALIBRATION

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.
26.45	9.63 ng/ul	1937530	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023581.D
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Sample : H4362-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0206-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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
n-Hexadecanoic acid	18.42	4.1	ng/ul	804829	4	17.55	3918130	20.0
Oxalic acid, pent...	21.47	2.5	ng/ul	542245	5	21.87	4307770	20.0
1-Heneicosanol	22.70	4.8	ng/ul	1034310	5	21.87	4307770	20.0
(DEL) Alkane: Str...	26.45	9.6	ng/ul	1937530	6	25.27	4023830	20.0