

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023824.D
 Acq On : 20 Aug 2016 19:42
 Operator : UM/SJ
 Sample : H4533-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF01-01

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-BG081816.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	3.460	103	106	115	rVV3	24143	44632	1.28%	0.104%
2	3.754	153	156	157	rBV2	9158	8320	0.24%	0.019%
3	4.160	224	225	231	rVB3	5423	8887	0.25%	0.021%
4	4.207	231	233	234	rBV2	6390	5482	0.16%	0.013%
5	4.594	296	299	304	rVB4	9645	15689	0.45%	0.037%
6	5.170	392	397	399	rBV5	4739	7177	0.21%	0.017%
7	6.280	579	586	587	rBV4	4799	8639	0.25%	0.020%
8	6.709	656	659	662	rVB2	5562	6615	0.19%	0.015%
9	7.108	720	727	730	rBV5	4992	10921	0.31%	0.025%
10	7.249	744	751	766	rVB	597663	1123014	32.11%	2.617%
11	7.408	771	778	789	rVV	481543	818412	23.40%	1.907%
12	7.502	792	794	800	rVB5	5563	8043	0.23%	0.019%
13	7.620	807	814	822	rBV	578896	1022655	29.24%	2.383%
14	7.919	862	865	871	rVB4	3753	7163	0.20%	0.017%
15	8.095	885	895	905	rBV	458205	789291	22.57%	1.839%
16	8.313	928	932	935	rBV3	4199	6933	0.20%	0.016%
17	8.430	949	952	954	rBV3	3933	5079	0.15%	0.012%
18	8.683	989	995	1000	rVB4	3080	6356	0.18%	0.015%
19	8.812	1010	1017	1035	rVB2	708617	1320586	37.76%	3.077%
20	9.270	1088	1095	1106	rBV	571549	1045741	29.90%	2.437%
21	9.394	1111	1116	1121	rBV7	14198	31874	0.91%	0.074%
22	10.005	1211	1220	1231	rBV	503223	947903	27.11%	2.209%
23	10.551	1306	1313	1326	rBV	680742	1314616	37.59%	3.063%
24	10.927	1370	1377	1389	rVB	645814	1141741	32.65%	2.661%
25	11.068	1393	1401	1416	rBV	604073	1188430	33.98%	2.769%
26	11.961	1549	1553	1556	rVB3	3074	5240	0.15%	0.012%
27	12.155	1584	1586	1593	rVB4	5931	12882	0.37%	0.030%
28	12.525	1642	1649	1655	rBV3	13451	27308	0.78%	0.064%
29	12.854	1699	1705	1706	rBV	3638	5700	0.16%	0.013%
30	13.112	1746	1749	1752	rVB4	4585	6916	0.20%	0.016%
31	13.359	1787	1791	1795	rVB6	6288	9566	0.27%	0.022%
32	13.635	1833	1838	1844	rVB2	10712	19265	0.55%	0.045%
33	14.164	1919	1928	1932	rBV	1373198	2035948	58.22%	4.744%
34	14.211	1932	1936	1942	rVV	1154639	1602195	45.82%	3.733%

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 Title : SVOA CALIBRATION

35	14.263	1942	1945	1948	rVB5	5959	8494	0.24%	0.020%
36	14.463	1971	1979	1986	rBV	1382104	2249501	64.33%	5.242%
37	14.634	2003	2008	2012	rVV2	26247	36005	1.03%	0.084%
38	14.769	2024	2031	2041	rVV2	980749	1558667	44.57%	3.632%
39	14.992	2058	2069	2081	rBV2	400733	930746	26.62%	2.169%
40	15.133	2092	2093	2098	rVB4	9583	6974	0.20%	0.016%
41	15.250	2109	2113	2121	rVB6	10511	19004	0.54%	0.044%
42	15.321	2123	2125	2128	rBV2	5319	5875	0.17%	0.014%
43	15.544	2159	2163	2166	rBV4	13541	20934	0.60%	0.049%
44	15.591	2166	2171	2175	rVV2	62424	85177	2.44%	0.198%
45	15.650	2179	2181	2185	rVV4	6979	8786	0.25%	0.020%
46	15.703	2187	2190	2194	rVV4	7073	9148	0.26%	0.021%
47	15.761	2194	2200	2209	rVV	1861184	2900587	82.94%	6.759%
48	15.897	2216	2223	2232	rBV	636436	986282	28.20%	2.298%
49	16.002	2233	2241	2247	rVB6	33979	79325	2.27%	0.185%
50	16.090	2253	2256	2261	rVB5	11639	17037	0.49%	0.040%
51	16.149	2261	2266	2270	rBV6	11639	17692	0.51%	0.041%
52	16.214	2274	2277	2281	rVB6	13068	17783	0.51%	0.041%
53	16.261	2281	2285	2286	rBV4	5369	6085	0.17%	0.014%
54	16.402	2304	2309	2311	rBV4	5687	9087	0.26%	0.021%
55	16.455	2314	2318	2325	rVV	83110	146038	4.18%	0.340%
56	16.725	2360	2364	2368	rBV7	12061	21178	0.61%	0.049%
57	16.801	2375	2377	2380	rVB3	9543	9807	0.28%	0.023%
58	16.913	2393	2396	2400	rVB5	12882	16597	0.47%	0.039%
59	16.966	2401	2405	2410	rVB6	14351	19411	0.56%	0.045%
60	17.030	2413	2416	2419	rBV5	6140	8376	0.24%	0.020%
61	17.254	2450	2454	2458	rBV	52960	67356	1.93%	0.157%
62	17.301	2460	2462	2468	rVB6	14970	23437	0.67%	0.055%
63	17.395	2475	2478	2480	rBV4	7312	8341	0.24%	0.019%
64	17.412	2480	2481	2485	rVB4	6315	6201	0.18%	0.014%
65	17.530	2494	2501	2509	rBV	1253124	1906140	54.51%	4.442%
66	17.630	2512	2518	2531	rVB2	1977009	3080122	88.08%	7.177%
67	17.729	2533	2535	2540	rVB6	8028	9219	0.26%	0.021%
68	17.794	2543	2546	2548	rBV3	5596	5307	0.15%	0.012%
69	17.888	2555	2562	2575	rBV	202037	459200	13.13%	1.070%
70	17.994	2577	2580	2584	rVB3	24662	31377	0.90%	0.073%
71	18.135	2602	2604	2607	rVV4	5049	6081	0.17%	0.014%

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72	18.176	2609	2611	2617	rVB7	8612	12881	0.37%	0.030%
73	18.282	2623	2629	2631	rBV6	15589	28698	0.82%	0.067%
74	18.352	2637	2641	2643	rBV5	6404	9816	0.28%	0.023%
75	18.399	2643	2649	2659	rBV	214906	332716	9.51%	0.775%
76	18.681	2693	2697	2699	rBV5	11763	14722	0.42%	0.034%
77	18.728	2702	2705	2706	rBV3	7139	6255	0.18%	0.015%
78	18.769	2710	2712	2713	rBV2	8754	5652	0.16%	0.013%
79	19.080	2764	2765	2769	rBV4	8109	7873	0.23%	0.018%
80	19.192	2782	2784	2786	rBV3	7618	6226	0.18%	0.015%
81	19.268	2792	2797	2800	rBV6	13888	25445	0.73%	0.059%
82	19.556	2843	2846	2853	rVB3	35373	51598	1.48%	0.120%
83	19.668	2862	2865	2871	rVB7	27159	38521	1.10%	0.090%
84	19.815	2886	2890	2894	rVB3	31825	50943	1.46%	0.119%
85	19.856	2894	2897	2898	rBV2	7208	7694	0.22%	0.018%
86	19.921	2902	2908	2915	rBV	2382566	3497037	100.00%	8.149%
87	20.502	3006	3007	3009	rVB2	11839	6678	0.19%	0.016%
88	20.543	3012	3014	3015	rVV2	11194	5088	0.15%	0.012%
89	20.625	3026	3028	3032	rBV2	24174	25748	0.74%	0.060%
90	20.960	3083	3085	3087	rVB3	14045	9837	0.28%	0.023%
91	21.084	3104	3106	3107	rBV2	11224	6192	0.18%	0.014%
92	21.442	3163	3167	3175	rBV5	110213	248180	7.10%	0.578%
93	21.847	3229	3236	3245	rVB	1280281	2098546	60.01%	4.890%
94	23.169	3440	3461	3462	rBV7	310136	1251622	35.79%	2.917%
95	23.351	3487	3492	3498	rVB4	119356	226478	6.48%	0.528%
96	23.563	3523	3528	3535	rVB	98472	195042	5.58%	0.454%
97	24.996	3760	3772	3783	rBV2	1092343	3230685	92.38%	7.528%
98	25.231	3800	3812	3824	rVB2	686798	2067971	59.13%	4.819%
99	30.806	4759	4761	4765	rBV5	12544	16902	0.48%	0.039%
100	32.039	4969	4971	4972	rBV2	16140	12511	0.36%	0.029%

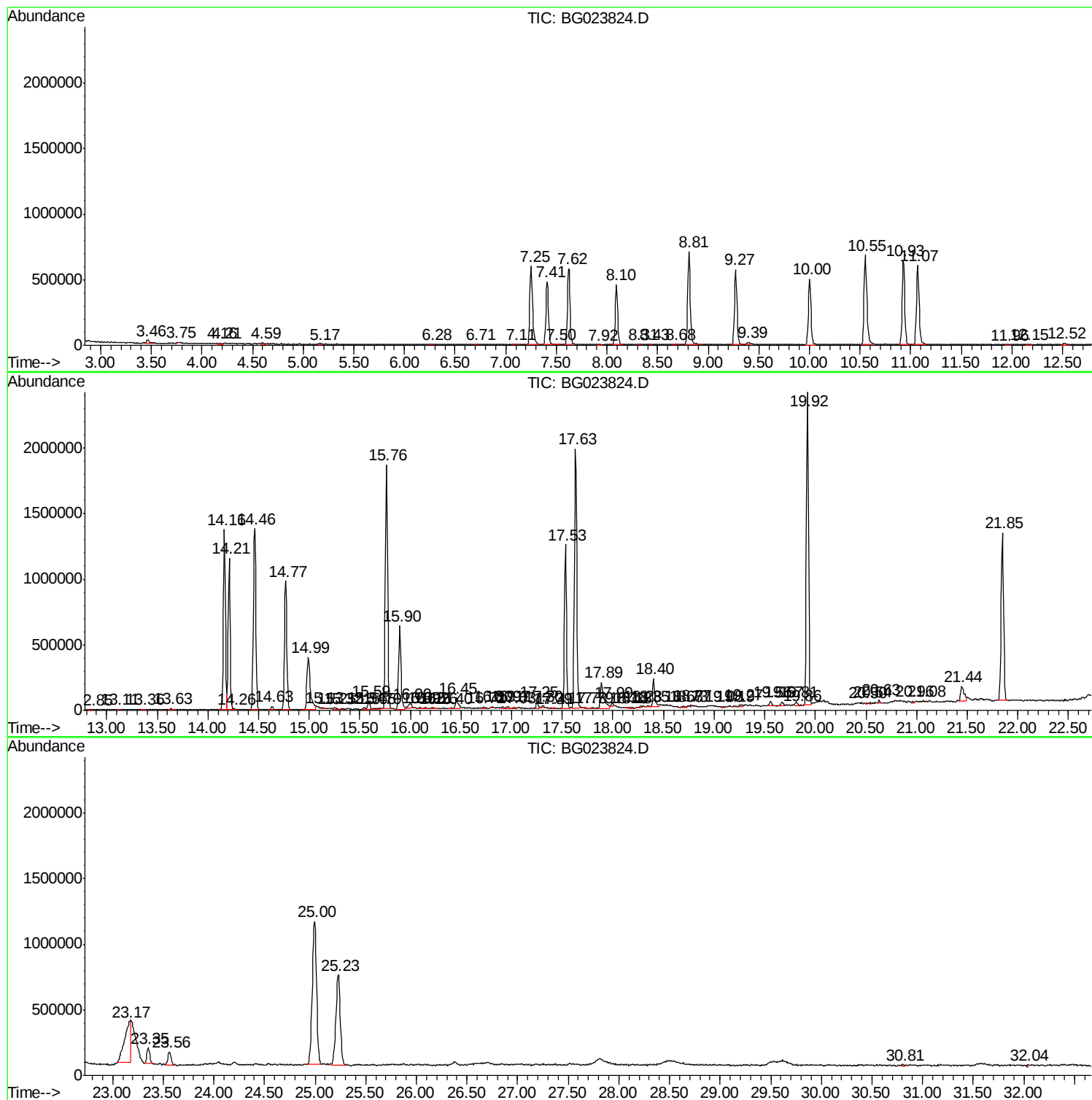
Sum of corrected areas: 42914153

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



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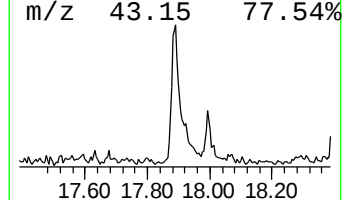
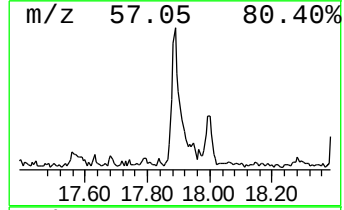
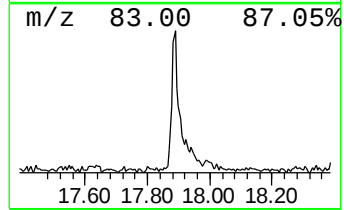
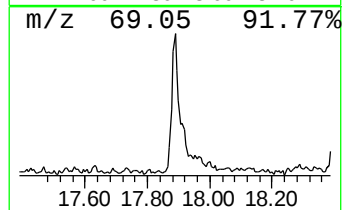
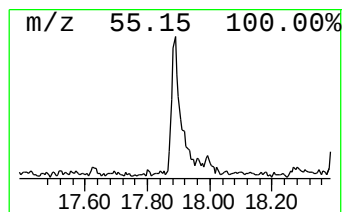
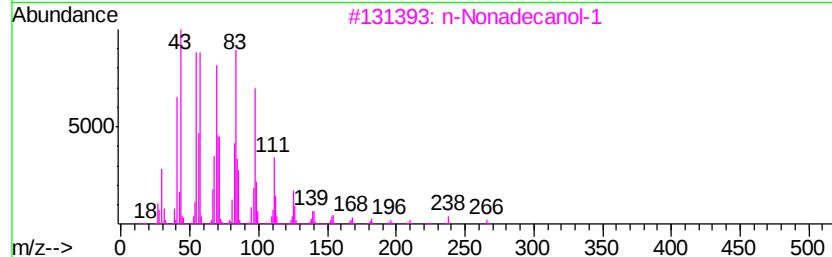
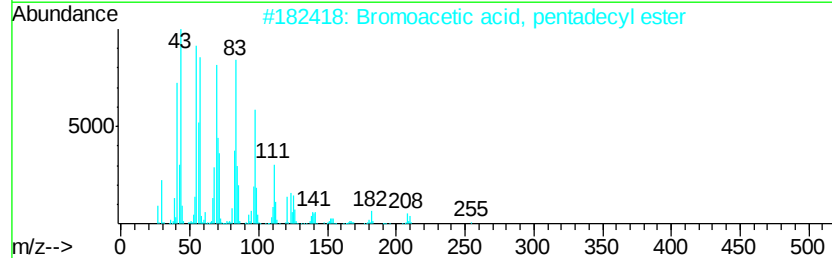
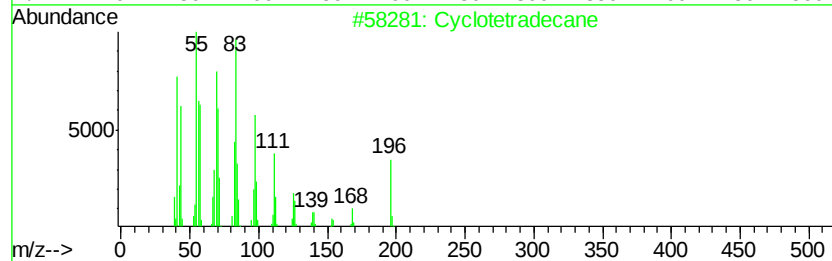
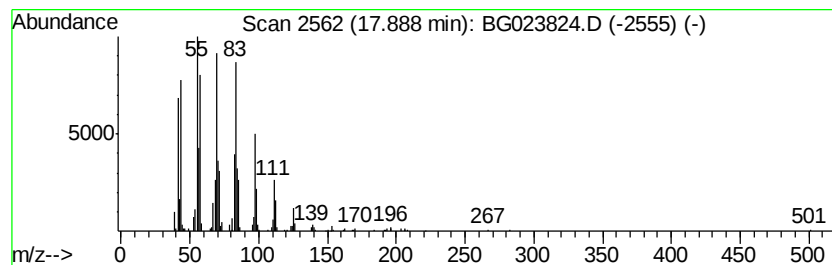
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	4.82 ng/ul	459200	Phenanthrene-d10		17.53	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	91
2		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	81
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	76
5		Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	74



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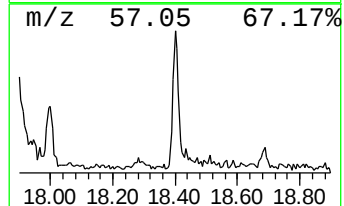
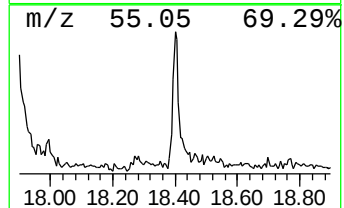
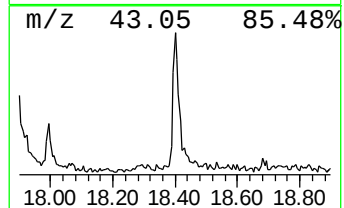
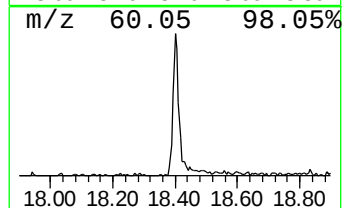
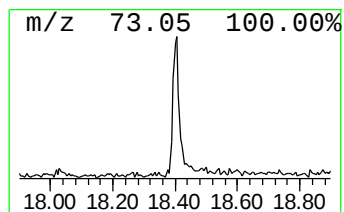
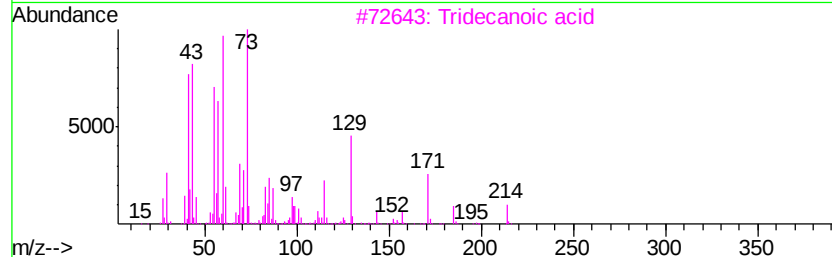
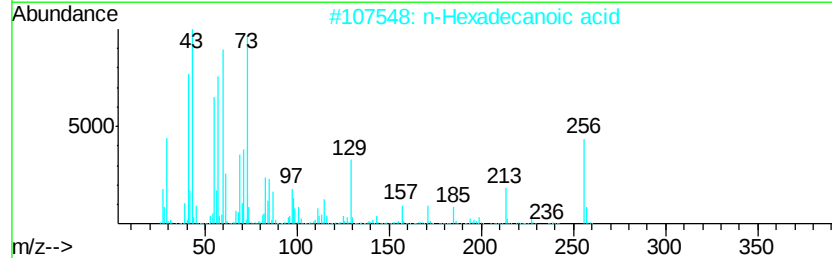
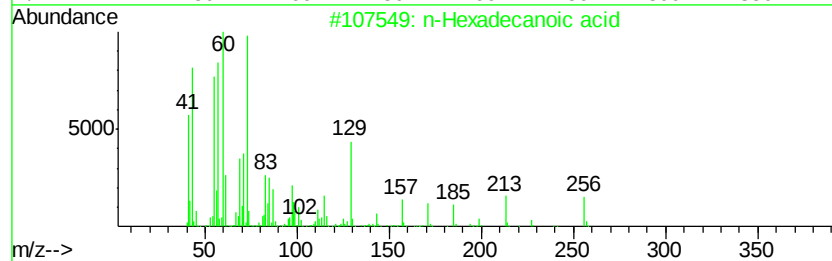
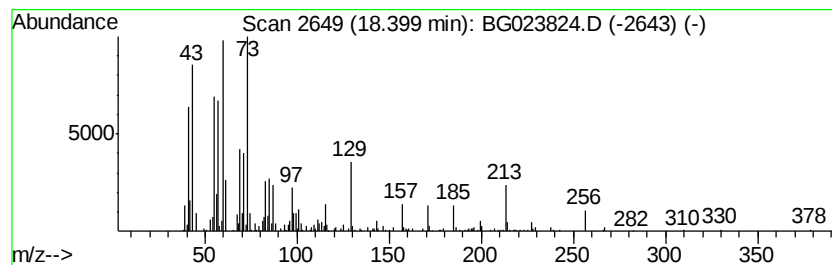
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.49 ng/ul	332716	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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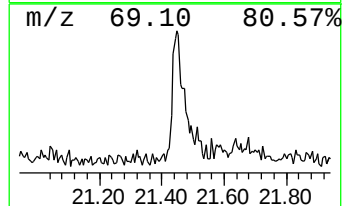
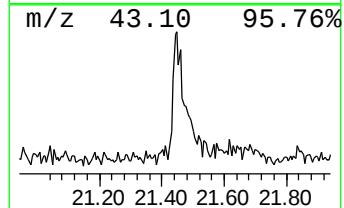
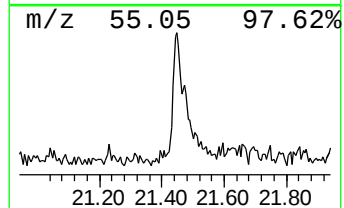
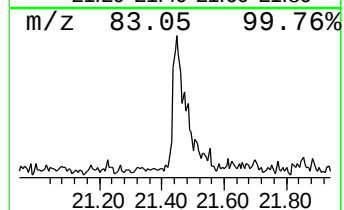
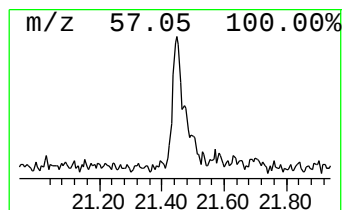
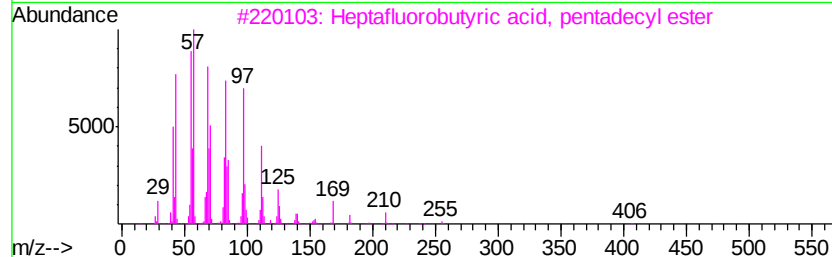
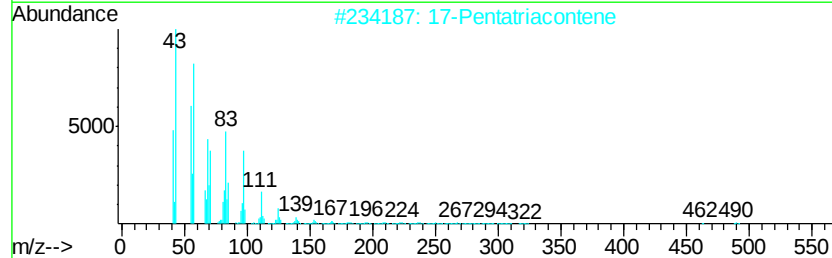
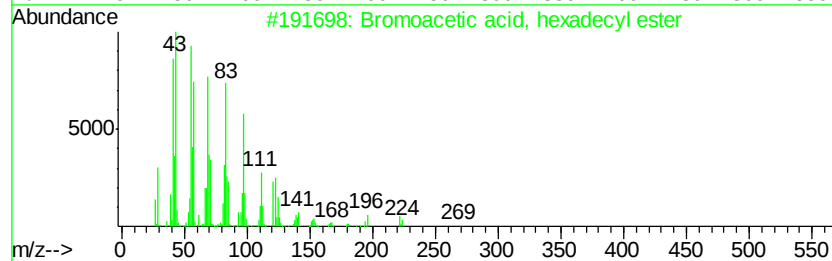
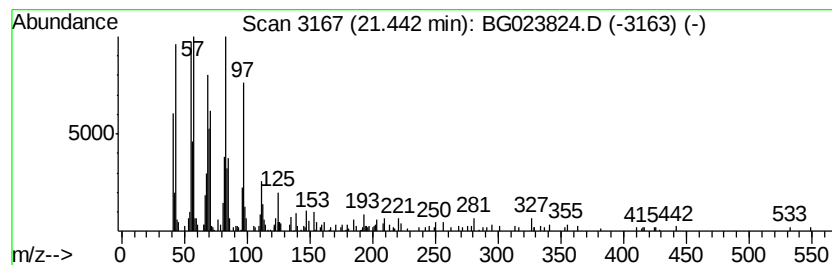
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Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.37 ng/ul	248180	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023824.D
Acq On : 20 Aug 2016 19:42
Operator : UM/SJ
Sample : H4533-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

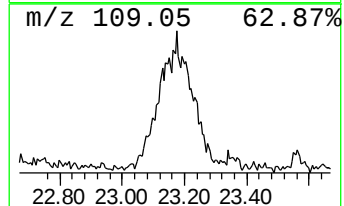
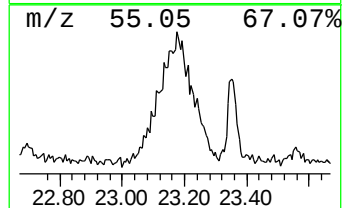
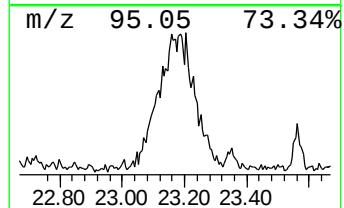
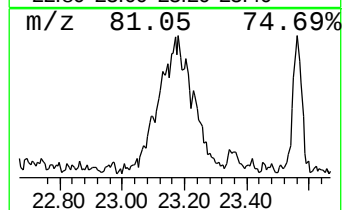
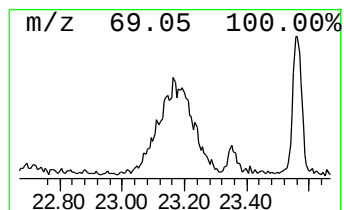
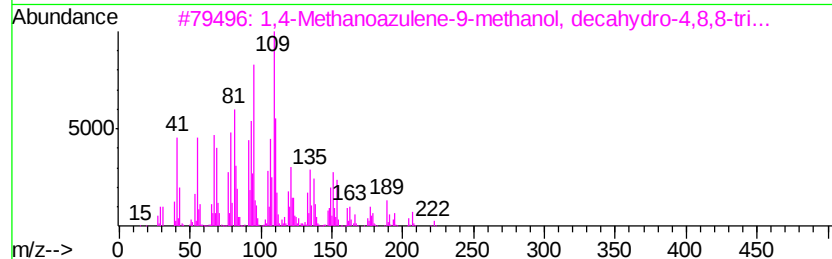
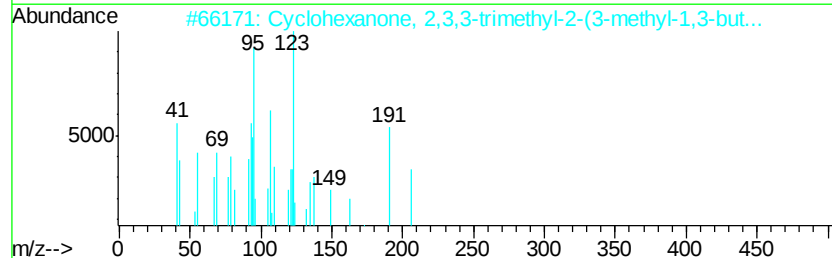
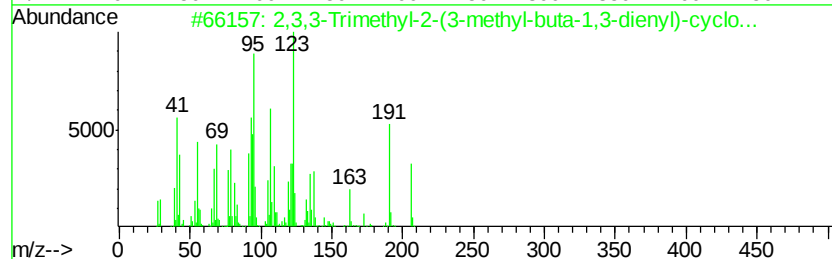
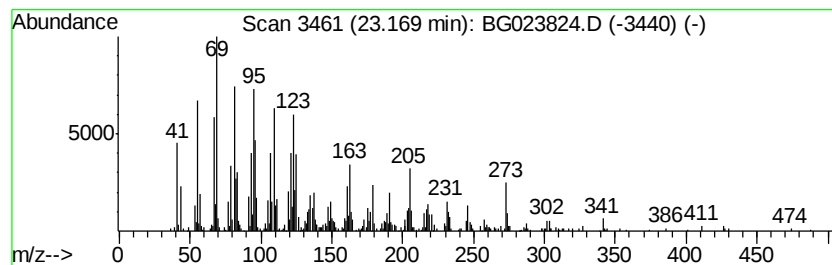
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,3,3-Trimethyl-2-(3-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
23.17	11.93 ng/ul	1251620	Chrysene-d12	21.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	53	
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	51	
3	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	46	
4	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	41	
5	Sesquirosefuran	218	C15H22O	039007-93-7	38	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023824.D
Acq On : 20 Aug 2016 19:42
Operator : UM/SJ
Sample : H4533-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF01-01

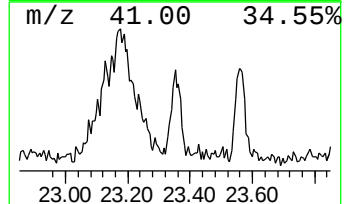
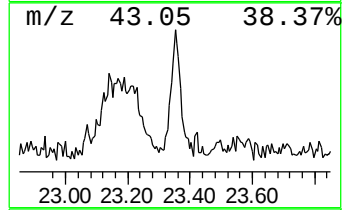
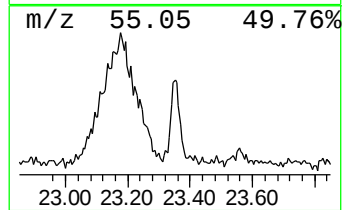
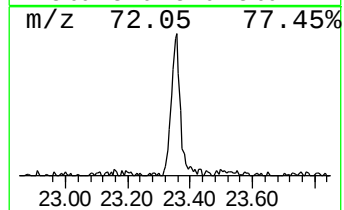
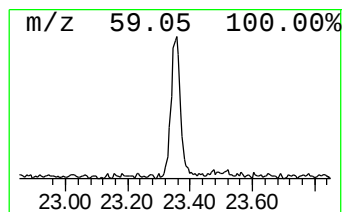
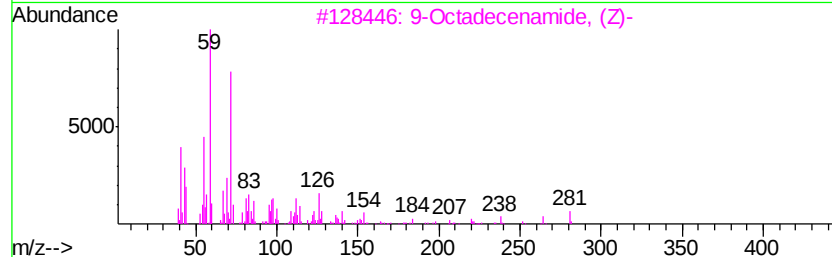
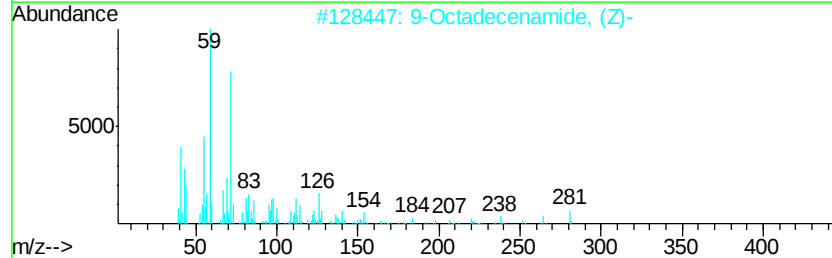
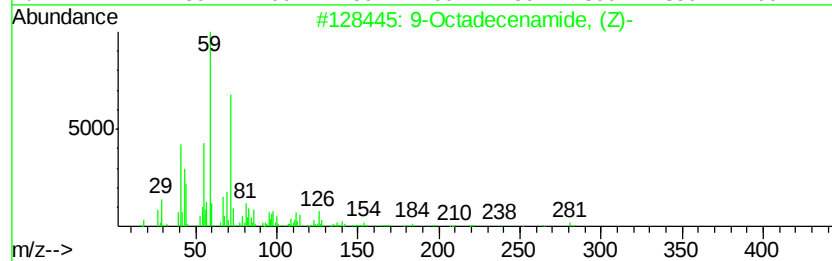
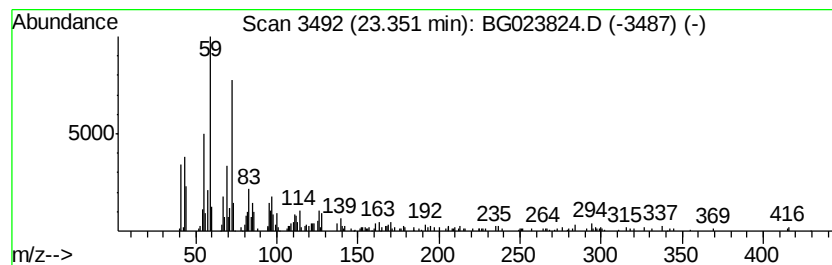
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	2.16 ng/ul	226478	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4		Octadecanamide	283	C18H37NO	000124-26-5	53
5		Tetradecanamide	227	C14H29NO	000638-58-4	53



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Acq On : 20 Aug 2016 19:42
Operator : UM/SJ
Sample : H4533-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF01-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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
(DEL) Alkane: Cyc...	17.89	4.8	ng/ul	459200	4	17.53	1906140	20.0
n-Hexadecanoic acid	18.40	3.5	ng/ul	332716	4	17.53	1906140	20.0
Bromoacetic acid,...	21.44	2.4	ng/ul	248180	5	21.85	2098550	20.0
2,3,3-Trimethyl-2...	23.17	11.9	ng/ul	1251620	5	21.85	2098550	20.0
9-Octadecenamide,...	23.35	2.2	ng/ul	226478	5	21.85	2098550	20.0