

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029205.D
 Acq On : 14 Oct 2017 00:10
 Operator : SJ/JU
 Sample : I5772-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BD9S2

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-BG101417.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	3.546	40	44	54	rVB	26784	44863	1.45%	0.144%
2	6.366	516	524	532	rVB6	4124	9433	0.30%	0.030%
3	7.312	677	685	697	rBV	109759	195821	6.32%	0.629%
4	7.488	707	715	725	rBV	361922	603308	19.47%	1.938%
5	7.576	725	730	738	rVB5	5004	11868	0.38%	0.038%
6	7.700	739	751	765	rVB	354267	610578	19.70%	1.961%
7	8.170	824	831	840	rBV	343368	586129	18.91%	1.883%
8	8.546	890	895	901	rBV3	8164	14924	0.48%	0.048%
9	8.863	942	949	963	rBV	314751	536610	17.32%	1.724%
10	9.333	1021	1029	1042	rBV	413075	736401	23.76%	2.366%
11	9.527	1054	1062	1069	rVB6	3348	10021	0.32%	0.032%
12	9.645	1074	1082	1091	rVV7	2246	6970	0.22%	0.022%
13	10.062	1145	1153	1165	rBV	319226	573867	18.52%	1.843%
14	10.397	1202	1210	1215	rVB5	2812	7439	0.24%	0.024%
15	10.596	1235	1244	1257	rBV	522502	916982	29.59%	2.946%
16	10.990	1301	1311	1320	rBV	479758	876596	28.29%	2.816%
17	11.113	1325	1332	1339	rBV	42400	76905	2.48%	0.247%
18	11.630	1415	1420	1427	rVB6	2248	4955	0.16%	0.016%
19	11.883	1457	1463	1465	rBV4	2880	4455	0.14%	0.014%
20	12.089	1492	1498	1509	rVB4	5532	13438	0.43%	0.043%
21	12.559	1568	1578	1583	rBV3	8558	20444	0.66%	0.066%
22	12.711	1598	1604	1611	rBV3	9107	16122	0.52%	0.052%
23	12.817	1618	1622	1629	rVB5	3206	6489	0.21%	0.021%
24	13.152	1674	1679	1684	rVB6	3103	4955	0.16%	0.016%
25	13.399	1716	1721	1727	rBV6	2379	5004	0.16%	0.016%
26	13.522	1736	1742	1746	rBV4	5094	7827	0.25%	0.025%
27	13.616	1751	1758	1765	rBV3	2781	8168	0.26%	0.026%
28	13.904	1804	1807	1814	rBV5	2911	4607	0.15%	0.015%
29	14.186	1847	1855	1869	rBV	1105228	1588586	51.26%	5.103%
30	14.315	1869	1877	1892	rVV	460813	653942	21.10%	2.101%
31	14.433	1892	1897	1899	rVV4	21045	28915	0.93%	0.093%
32	14.480	1899	1905	1917	rVB	1175196	1881007	60.70%	6.042%
33	14.686	1932	1940	1946	rBV3	25835	67414	2.18%	0.217%
34	14.786	1946	1957	1964	rVV2	758291	1274647	41.13%	4.095%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
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35	14.850	1964	1968	1976	rVB3	79398	122619	3.96%	0.394%
36	14.962	1976	1987	1993	rBV	117742	203101	6.55%	0.652%
37	15.179	2019	2024	2030	rVB2	6791	11164	0.36%	0.036%
38	15.303	2040	2045	2051	rVB2	14840	21365	0.69%	0.069%
39	15.432	2061	2067	2076	rBV3	51173	118844	3.84%	0.382%
40	15.508	2076	2080	2088	rVV	163701	231341	7.47%	0.743%
41	15.573	2088	2091	2101	rVB5	5301	10599	0.34%	0.034%
42	15.773	2116	2125	2131	rBV	1508987	2317748	74.79%	7.445%
43	15.825	2131	2134	2138	rVV	62610	88695	2.86%	0.285%
44	15.878	2138	2143	2153	rVB	430305	616260	19.89%	1.980%
45	16.014	2160	2166	2174	rVB	19776	37042	1.20%	0.119%
46	16.084	2174	2178	2180	rVV5	3073	4315	0.14%	0.014%
47	16.113	2180	2183	2190	rVV5	5615	10484	0.34%	0.034%
48	16.172	2190	2193	2198	rVB4	7730	9050	0.29%	0.029%
49	16.225	2198	2202	2204	rBV4	7307	11273	0.36%	0.036%
50	16.260	2204	2208	2217	rVV3	34503	58471	1.89%	0.188%
51	16.337	2217	2221	2227	rVB5	8364	13311	0.43%	0.043%
52	16.460	2237	2242	2245	rBV5	2772	4635	0.15%	0.015%
53	16.719	2283	2286	2292	rBV5	5213	7760	0.25%	0.025%
54	16.813	2299	2302	2307	rVB6	3400	5003	0.16%	0.016%
55	17.053	2336	2343	2348	rBV8	10038	26788	0.86%	0.086%
56	17.106	2348	2352	2361	rVB2	20903	35033	1.13%	0.113%
57	17.265	2374	2379	2380	rBV5	3322	4573	0.15%	0.015%
58	17.335	2389	2391	2397	rVB5	6298	9575	0.31%	0.031%
59	17.523	2403	2423	2433	rBV2	1068611	1687792	54.47%	5.422%
60	17.623	2433	2440	2450	rVB	1778643	2624125	84.68%	8.430%
61	17.917	2480	2490	2497	rBV4	17207	32137	1.04%	0.103%
62	18.158	2524	2531	2540	rVB10	6185	14018	0.45%	0.045%
63	18.258	2544	2548	2554	rVB7	6110	13350	0.43%	0.043%
64	18.393	2567	2571	2575	rBV3	18363	22542	0.73%	0.072%
65	18.440	2575	2579	2584	rVB6	6168	9602	0.31%	0.031%
66	18.499	2587	2589	2595	rVB6	4209	5627	0.18%	0.018%
67	18.593	2598	2605	2611	rBV3	9702	19689	0.64%	0.063%
68	18.822	2637	2644	2651	rVB10	6976	14289	0.46%	0.046%
69	18.881	2651	2654	2660	rBV5	3896	5396	0.17%	0.017%
70	18.957	2665	2667	2673	rVB8	2631	4271	0.14%	0.014%
71	19.104	2689	2692	2696	rBV3	4381	5513	0.18%	0.018%

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72	19.298	2723	2725	2732	rVB8	5061	5899	0.19%	0.019%
73	19.451	2745	2751	2756	rBV7	4363	6892	0.22%	0.022%
74	19.533	2758	2765	2768	rBV	24399	41547	1.34%	0.133%
75	19.656	2780	2786	2798	rVB	25545	44625	1.44%	0.143%
76	19.739	2798	2800	2803	rBV3	3479	4826	0.16%	0.016%
77	19.780	2803	2807	2816	rVB	21142	36343	1.17%	0.117%
78	19.897	2819	2827	2840	rBV	2111573	3098801	100.00%	9.954%
79	20.132	2863	2867	2874	rVB2	15494	22261	0.72%	0.072%
80	20.214	2878	2881	2883	rBV4	4256	5472	0.18%	0.018%
81	20.256	2885	2888	2890	rBV4	5233	6409	0.21%	0.021%
82	20.285	2891	2893	2899	rVB5	8809	14042	0.45%	0.045%
83	20.408	2910	2914	2916	rVB5	5659	7005	0.23%	0.023%
84	20.590	2938	2945	2951	rBV10	10811	33177	1.07%	0.107%
85	20.908	2997	2999	3003	rBV5	5219	7232	0.23%	0.023%
86	21.425	3085	3087	3091	rBV4	6650	9822	0.32%	0.032%
87	21.795	3142	3150	3162	rBV2	1051275	1806611	58.30%	5.803%
88	21.942	3169	3175	3179	rBV3	11991	18572	0.60%	0.060%
89	21.983	3179	3182	3193	rVB9	11779	23375	0.75%	0.075%
90	22.618	3285	3290	3298	rVB5	18053	33838	1.09%	0.109%
91	23.328	3405	3411	3423	rVB2	41976	91591	2.96%	0.294%
92	23.939	3513	3515	3524	rVB8	10002	22035	0.71%	0.071%
93	24.163	3546	3553	3568	rBV2	59000	134828	4.35%	0.433%
94	24.304	3573	3577	3585	rBV10	9489	21698	0.70%	0.070%
95	24.874	3661	3674	3693	rBV2	1027976	2958013	95.46%	9.502%
96	25.103	3701	3713	3735	rVB	639364	1945409	62.78%	6.249%
97	26.319	3911	3920	3933	rVB4	75344	226355	7.30%	0.727%
98	27.735	4151	4161	4179	rVB5	70813	273042	8.81%	0.877%
99	29.433	4440	4450	4463	rVB5	47234	187976	6.07%	0.604%
100	31.489	4792	4800	4820	rVB5	39437	195311	6.30%	0.627%

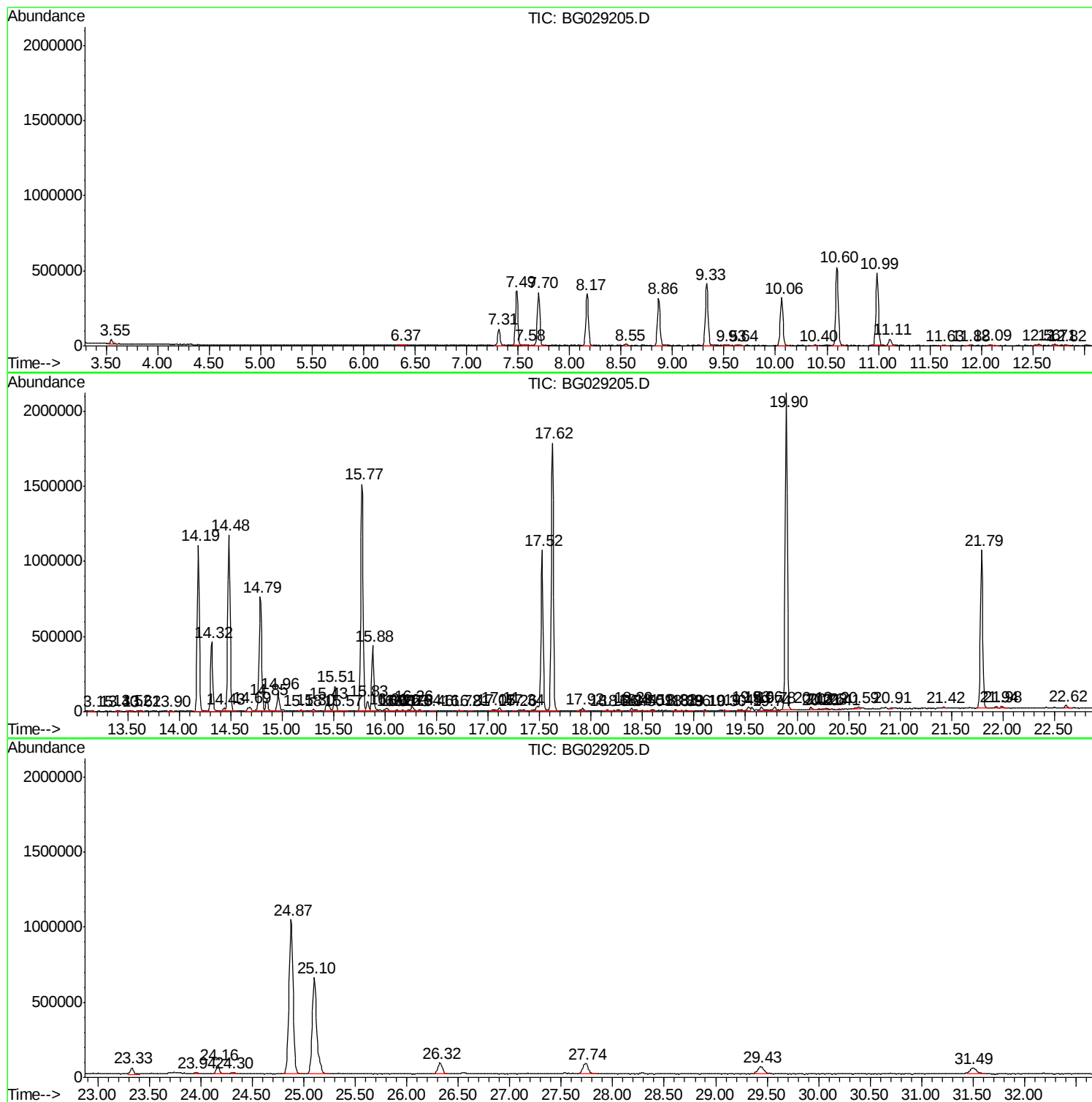
Sum of corrected areas: 31130097

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



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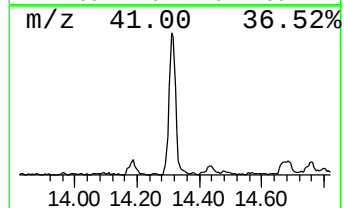
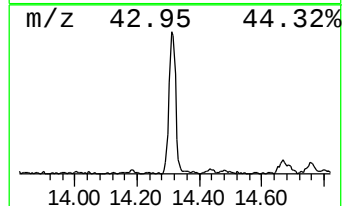
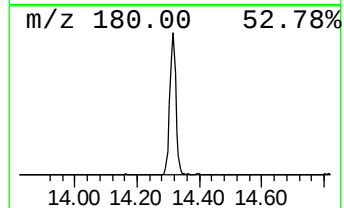
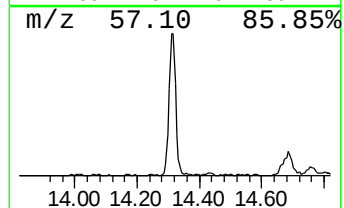
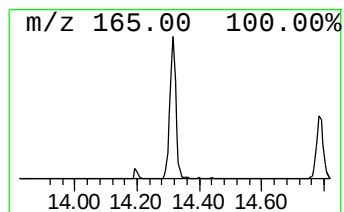
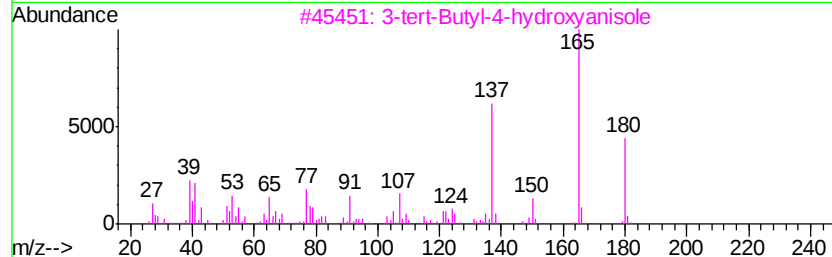
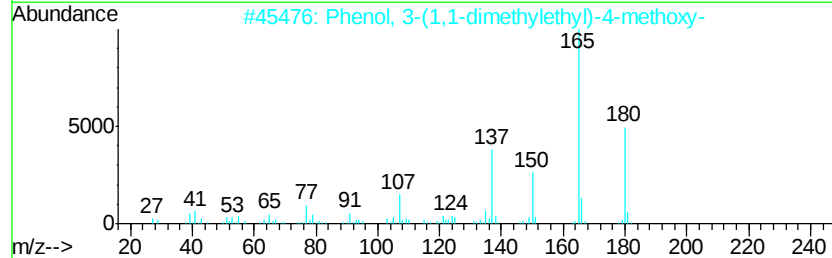
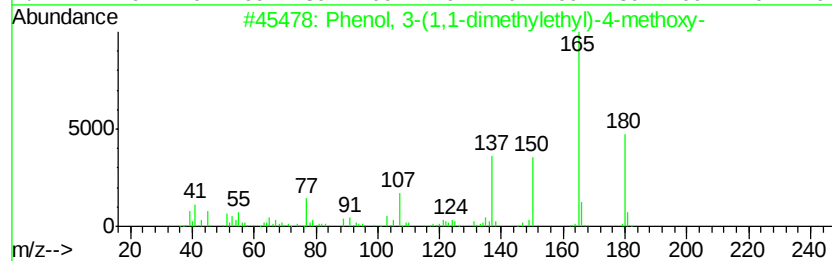
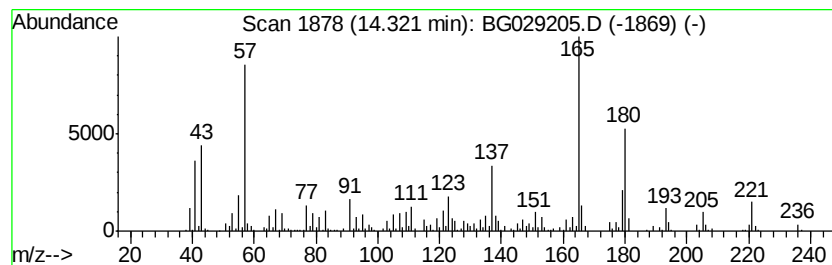
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 3-(1,1-dimethylethyl)... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	10.26 ng/ul	653942	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	64
2		Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	64
3		3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	58
4		3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	52
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52



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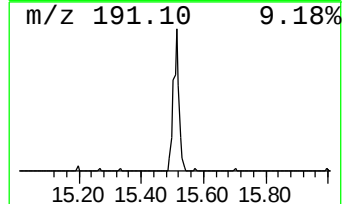
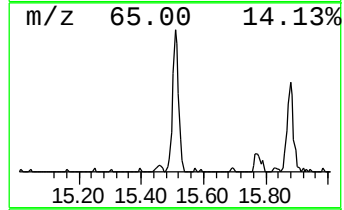
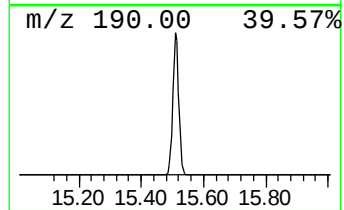
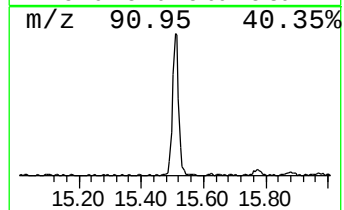
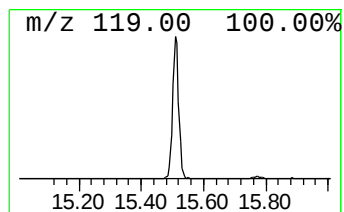
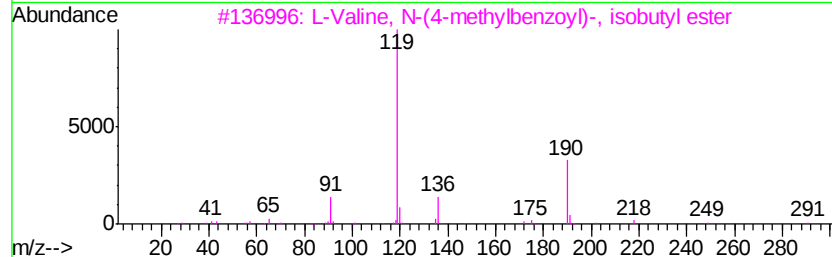
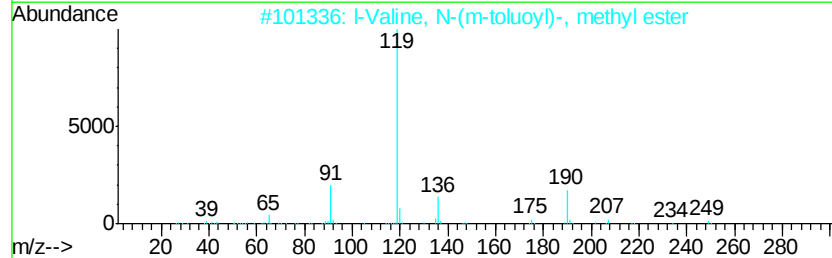
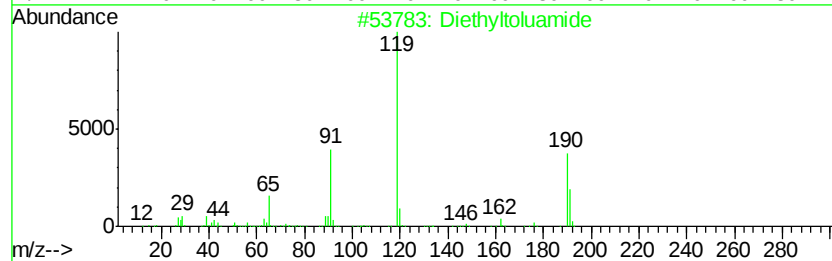
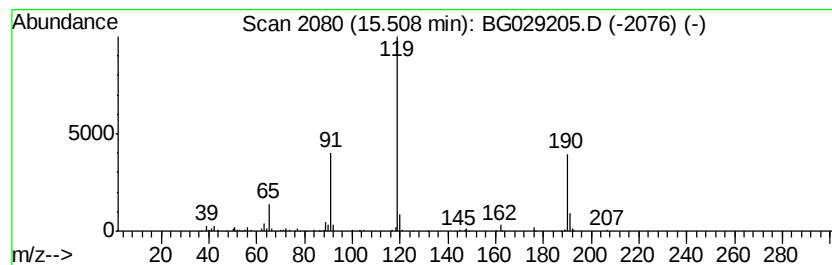
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	3.63 ng/ul	231341	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	90
2		L-Valine, N-(m-toluoyl)-, methyl...	249	C14H19NO3	1000299-63-9	83
3		L-Valine, N-(4-methylbenzoyl)-, ...	291	C17H25NO3	1000346-63-9	78
4		L-Valine, N-(4-methylbenzoyl)-, ...	305	C18H27NO3	1000346-64-1	78
5		Diethyltoluamide	191	C12H17NO	000134-62-3	78



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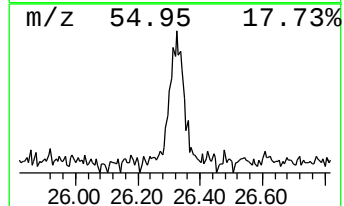
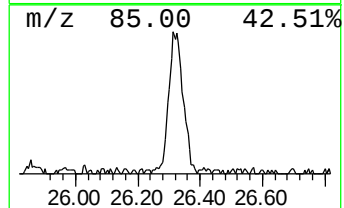
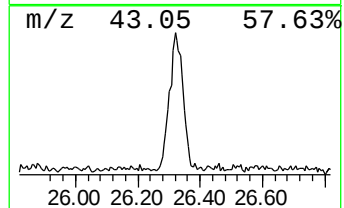
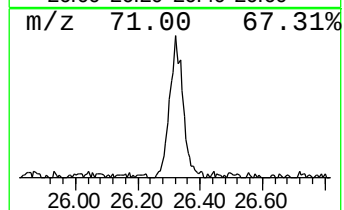
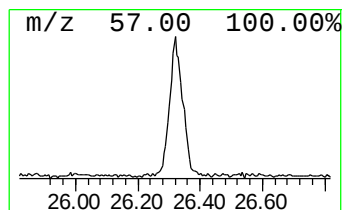
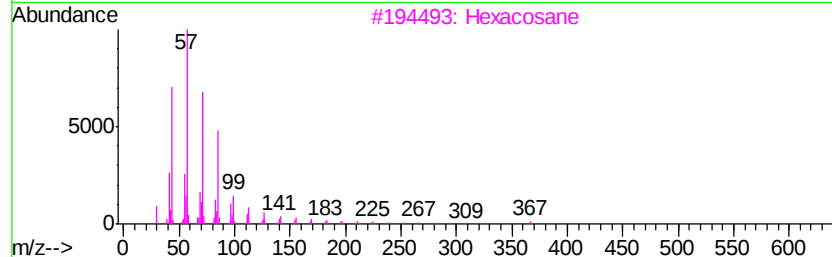
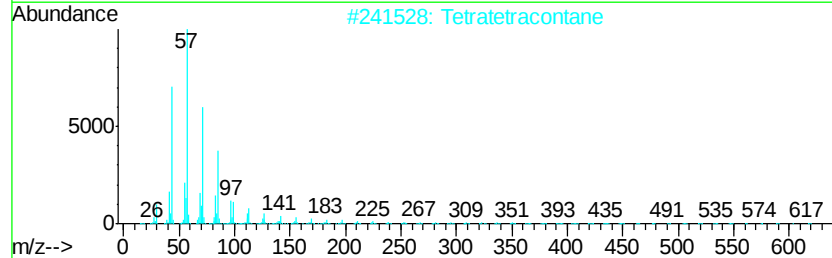
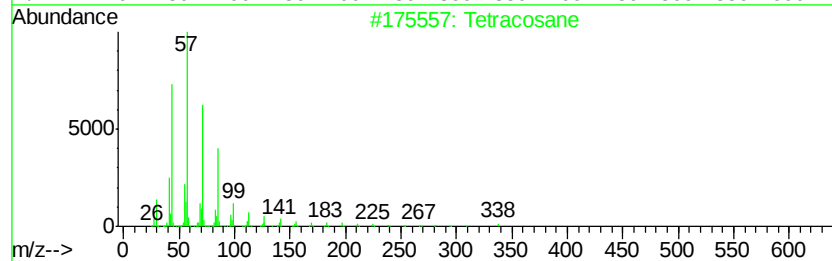
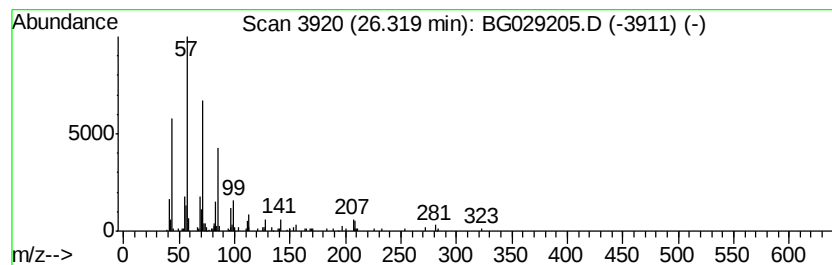
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.32	2.33 ng/ul	226355	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	83
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Hexacosane	366	C26H54	000630-01-3	83
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	80
5		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029205.D
Acq On : 14 Oct 2017 00:10
Operator : SJ/JU
Sample : I5772-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD9S2

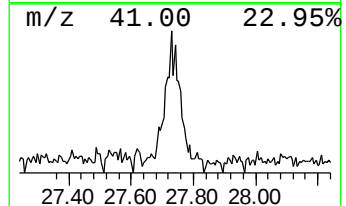
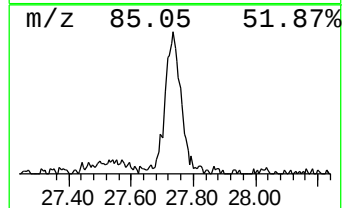
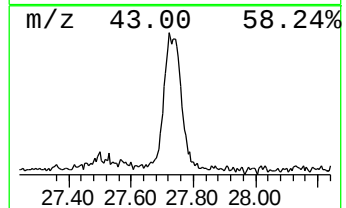
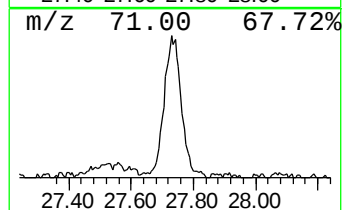
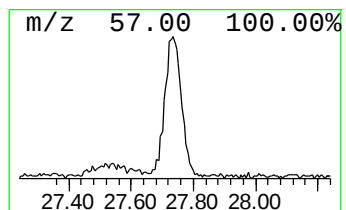
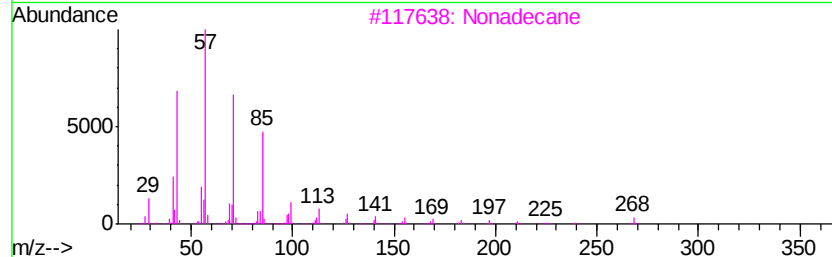
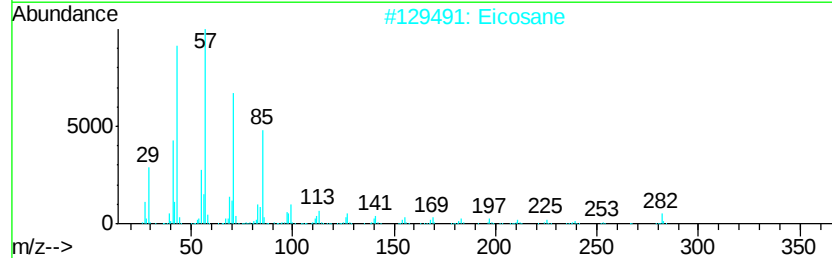
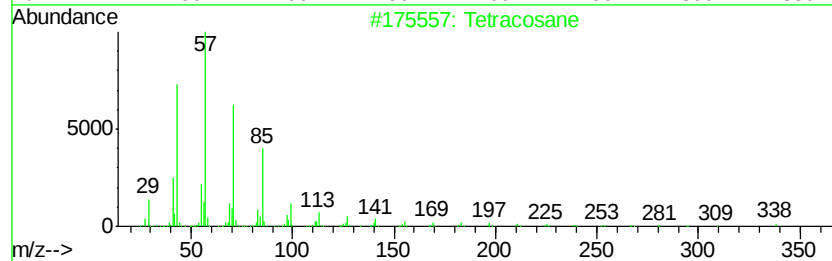
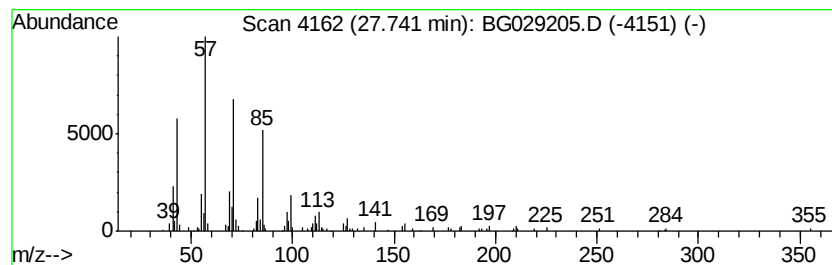
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Quant Title : SVOA CALIBRATION

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.
27.74	2.81 ng/ul	273042	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Eicosane	282	C20H42	000112-95-8	86
3		Nonadecane	268	C19H40	000629-92-5	86
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029205.D
Acq On : 14 Oct 2017 00:10
Operator : SJ/JU
Sample : I5772-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD9S2

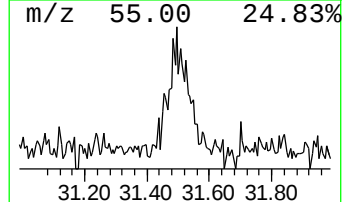
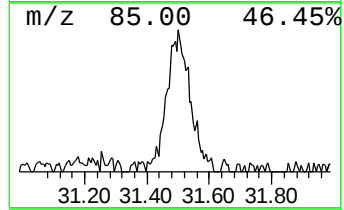
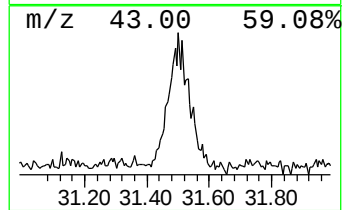
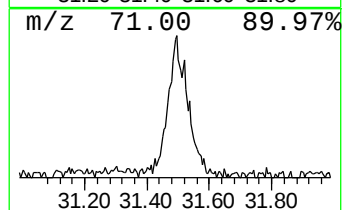
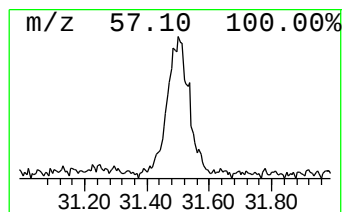
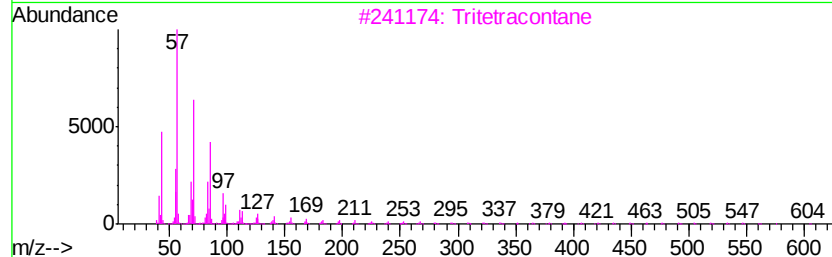
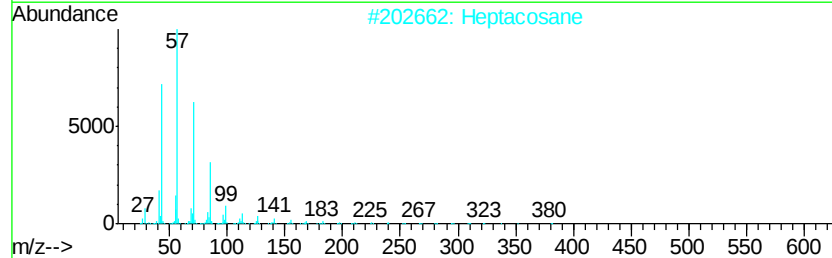
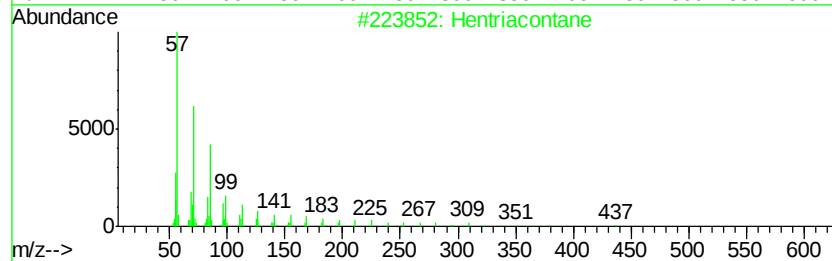
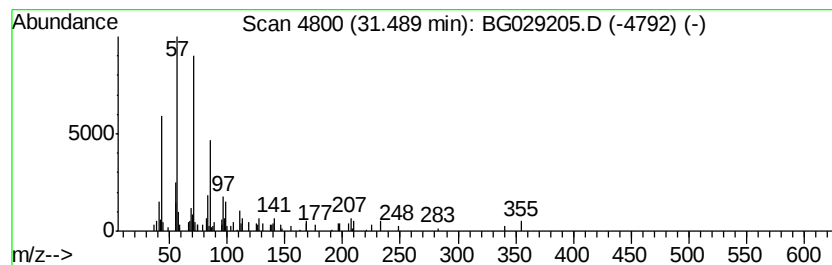
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.49	2.01 ng/ul	195311	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	58
2		Heptacosane	380	C27H56	000593-49-7	53
3		Tritetracontane	605	C43H88	007098-21-7	52
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
5		Hexacosane	366	C26H54	000630-01-3	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029205.D
Acq On : 14 Oct 2017 00:10
Operator : SJ/JU
Sample : I5772-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD9S2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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
Phenol, 3-(1,1-di...	14.32	10.3	ng/ul	653942	3	14.79	1274650	20.0
Diethyltoluamide	15.51	3.6	ng/ul	231341	3	14.79	1274650	20.0
(DEL) Alkane: Str...	26.32	2.3	ng/ul	226355	6	25.10	1945410	20.0
(DEL) Alkane: Str...	27.74	2.8	ng/ul	273042	6	25.10	1945410	20.0
(DEL) Alkane: Str...	31.49	2.0	ng/ul	195311	6	25.10	1945410	20.0