

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024311.D
 Acq On : 12 Oct 2016 21:24
 Operator : UM/SJ
 Sample : H5145-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNA1

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\SOM02.2-EPA-BG0100716.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	4.406	265	267	271	rVB3	18260	27904	0.55%	0.054%
2	4.606	299	301	304	rVB3	12524	11048	0.22%	0.021%
3	4.735	321	323	327	rBV4	13241	20417	0.40%	0.040%
4	4.782	327	331	336	rVB7	21100	33676	0.66%	0.065%
5	5.140	390	392	397	rVB6	11199	15014	0.29%	0.029%
6	5.352	424	428	434	rVB	64862	95026	1.86%	0.185%
7	5.669	478	482	485	rBV5	9504	11518	0.23%	0.022%
8	5.728	489	492	494	rBV4	10172	13281	0.26%	0.026%
9	6.127	559	560	565	rVB4	9301	11190	0.22%	0.022%
10	6.180	565	569	572	rBV4	10742	17453	0.34%	0.034%
11	6.474	614	619	625	rVB9	8146	17547	0.34%	0.034%
12	6.656	643	650	653	rBV8	9840	18750	0.37%	0.036%
13	6.897	685	691	694	rBV5	9736	15830	0.31%	0.031%
14	7.414	772	779	787	rBV2	208752	353036	6.90%	0.687%
15	7.602	804	811	821	rBV	496574	875404	17.12%	1.703%
16	7.808	837	846	857	rBV2	546137	1015856	19.86%	1.976%
17	7.955	868	871	878	rVB6	11017	20299	0.40%	0.039%
18	8.113	892	898	901	rBV7	9435	12973	0.25%	0.025%
19	8.184	907	910	911	rVB3	11217	10836	0.21%	0.021%
20	8.201	911	913	915	rBV2	12309	12418	0.24%	0.024%
21	8.290	919	928	942	rVB	500636	924175	18.07%	1.797%
22	8.495	961	963	968	rVB6	8802	13735	0.27%	0.027%
23	8.683	993	995	998	rBV3	12989	11477	0.22%	0.022%
24	8.807	1010	1016	1018	rBV6	13254	19993	0.39%	0.039%
25	8.865	1022	1026	1030	rBV7	10656	11486	0.22%	0.022%
26	8.977	1036	1045	1054	rVB	481621	885039	17.31%	1.721%
27	9.183	1077	1080	1086	rVB6	8798	13435	0.26%	0.026%
28	9.388	1109	1115	1120	rVB6	23281	45793	0.90%	0.089%
29	9.465	1120	1128	1139	rBV	743082	1414250	27.66%	2.751%
30	9.606	1147	1152	1159	rVB	17650	40710	0.80%	0.079%
31	9.688	1164	1166	1173	rVB8	7618	15387	0.30%	0.030%
32	9.811	1184	1187	1192	rBV7	7007	11256	0.22%	0.022%
33	9.888	1196	1200	1203	rVB5	8591	11178	0.22%	0.022%
34	10.187	1243	1251	1263	rVB2	634611	1208213	23.63%	2.350%

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35	10.281	1263	1267	1271	rBV7	9215	13538	0.26%	0.026%
36	10.405	1285	1288	1292	rBV4	10569	11378	0.22%	0.022%
37	10.722	1330	1342	1350	rBV	876957	1659858	32.46%	3.228%
38	11.010	1385	1391	1398	rBV4	29007	57145	1.12%	0.111%
39	11.116	1399	1409	1424	rVB	716076	1386895	27.12%	2.697%
40	11.251	1424	1432	1435	rBV8	17598	32402	0.63%	0.063%
41	11.421	1460	1461	1465	rBV3	8667	13138	0.26%	0.026%
42	11.838	1530	1532	1534	rBV3	10412	11316	0.22%	0.022%
43	12.026	1561	1564	1567	rVB4	7664	11272	0.22%	0.022%
44	12.085	1567	1574	1578	rBV6	8264	18144	0.35%	0.035%
45	12.138	1581	1583	1587	rVB5	7833	10749	0.21%	0.021%
46	12.355	1615	1620	1624	rBV3	48818	75837	1.48%	0.147%
47	12.673	1668	1674	1679	rBV8	27542	62347	1.22%	0.121%
48	12.955	1720	1722	1728	rVB5	10433	18220	0.36%	0.035%
49	13.019	1728	1733	1734	rBV5	10299	14673	0.29%	0.029%
50	13.172	1752	1759	1768	rBV5	14726	34402	0.67%	0.067%
51	13.489	1811	1813	1818	rBV6	9201	11326	0.22%	0.022%
52	13.766	1851	1860	1865	rBV8	24420	53909	1.05%	0.105%
53	13.818	1865	1869	1877	rVV8	36447	70323	1.38%	0.137%
54	14.077	1908	1913	1915	rBV6	7681	10750	0.21%	0.021%
55	14.294	1939	1950	1959	rBV	1949491	2969158	58.06%	5.775%
56	14.523	1983	1989	1993	rBV7	10784	21345	0.42%	0.042%
57	14.600	1993	2002	2015	rVV	2042465	3265879	63.86%	6.352%
58	14.905	2043	2054	2063	rBV	1348118	2341745	45.79%	4.554%
59	15.064	2074	2081	2090	rBV2	205216	351501	6.87%	0.684%
60	15.264	2106	2115	2122	rBV2	19182	42540	0.83%	0.083%
61	15.558	2159	2165	2171	rVB3	31871	57840	1.13%	0.112%
62	15.675	2179	2185	2191	rVB9	16283	29600	0.58%	0.058%
63	15.775	2199	2202	2204	rBV4	8477	11545	0.23%	0.022%
64	15.887	2212	2221	2232	rVB	2681730	4406742	86.17%	8.571%
65	15.986	2232	2238	2252	rBV	900566	1407442	27.52%	2.737%
66	16.127	2257	2262	2271	rVB4	42479	76293	1.49%	0.148%
67	16.245	2275	2282	2288	rBV4	18057	36486	0.71%	0.071%
68	16.380	2304	2305	2310	rVB5	11192	13489	0.26%	0.026%
69	16.433	2310	2314	2317	rBV6	9887	18355	0.36%	0.036%
70	16.486	2319	2323	2329	rBV9	10306	21360	0.42%	0.042%
71	16.568	2334	2337	2340	rVB5	12757	14305	0.28%	0.028%

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72	16.703	2357	2360	2364	rVB5	8961	13355	0.26%	0.026%
73	16.762	2364	2370	2371	rBV4	13711	19335	0.38%	0.038%
74	16.833	2376	2382	2383	rBV5	11791	16737	0.33%	0.033%
75	17.015	2407	2413	2418	rVB9	13122	27239	0.53%	0.053%
76	17.079	2418	2424	2428	rBV8	10495	18350	0.36%	0.036%
77	17.214	2441	2447	2452	rBV6	24831	36595	0.72%	0.071%
78	17.432	2481	2484	2488	rVB4	16442	25080	0.49%	0.049%
79	17.643	2513	2520	2528	rBV2	1725602	2714694	53.09%	5.280%
80	17.743	2530	2537	2548	rBV	2947546	4625486	90.45%	8.996%
81	17.914	2560	2566	2572	rBV	12558	26867	0.53%	0.052%
82	18.014	2578	2583	2587	rBV8	9742	17895	0.35%	0.035%
83	18.284	2622	2629	2636	rVB2	438380	604228	11.82%	1.175%
84	18.348	2636	2640	2645	rBV8	8909	16948	0.33%	0.033%
85	18.448	2653	2657	2659	rBV5	14395	16779	0.33%	0.033%
86	18.484	2659	2663	2671	rVV4	101774	162795	3.18%	0.317%
87	18.619	2682	2686	2691	rVB8	11221	24928	0.49%	0.048%
88	18.760	2706	2710	2715	rBV7	20118	30198	0.59%	0.059%
89	19.006	2750	2752	2754	rBV3	18053	12824	0.25%	0.025%
90	19.359	2807	2812	2815	rBV6	23762	35345	0.69%	0.069%
91	19.529	2840	2841	2844	rBV3	16555	11754	0.23%	0.023%
92	19.565	2844	2847	2850	rBV5	12949	19602	0.38%	0.038%
93	19.647	2857	2861	2865	rVB2	47104	72157	1.41%	0.140%
94	19.747	2873	2878	2888	rBV4	168427	294971	5.77%	0.574%
95	19.905	2900	2905	2909	rVB5	33807	58446	1.14%	0.114%
96	20.011	2917	2923	2932	rBV	3535377	5113834	100.00%	9.946%
97	21.944	3245	3252	3261	rBV	1692611	3093493	60.49%	6.017%
98	23.484	3508	3514	3523	rBV6	117884	235333	4.60%	0.458%
99	25.152	3787	3798	3815	rVB2	1655954	4989848	97.58%	9.705%
100	25.387	3827	3838	3851	rVB3	1017402	3182614	62.24%	6.190%

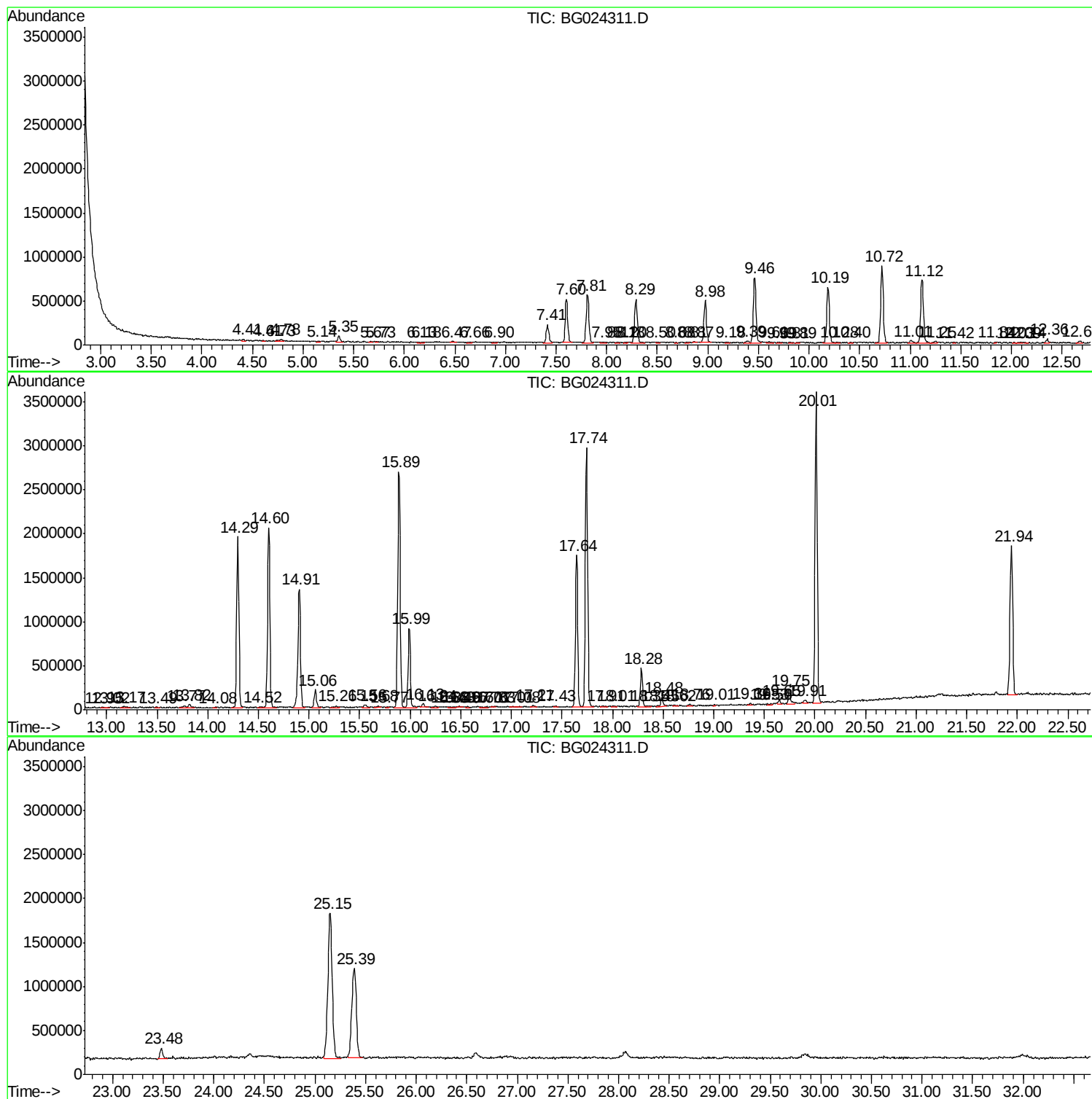
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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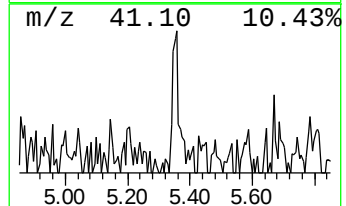
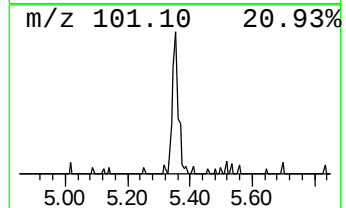
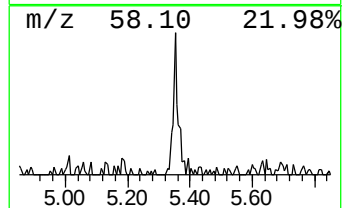
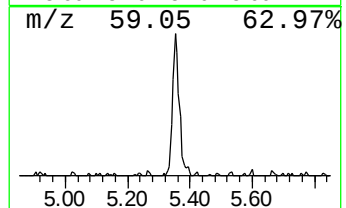
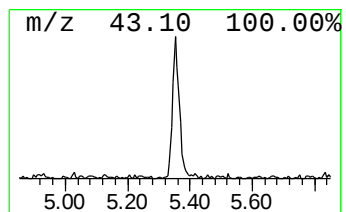
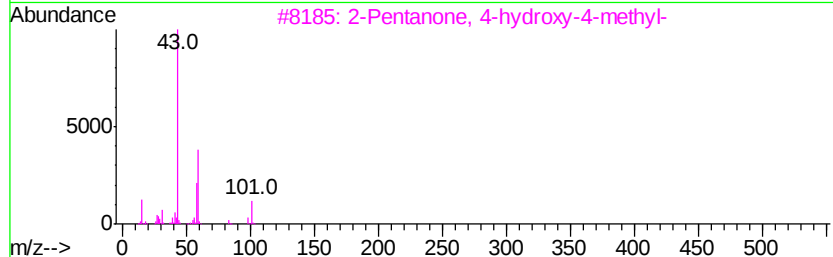
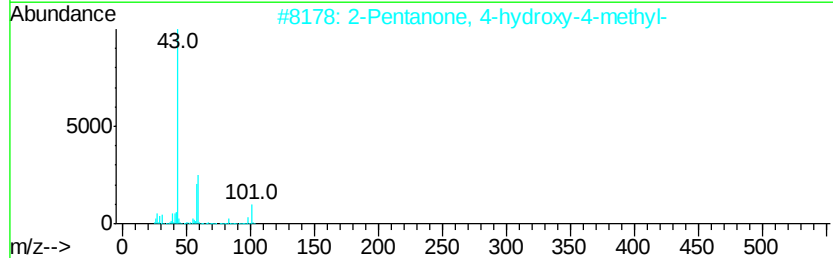
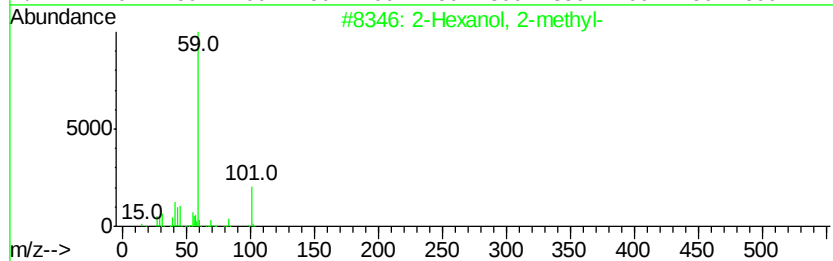
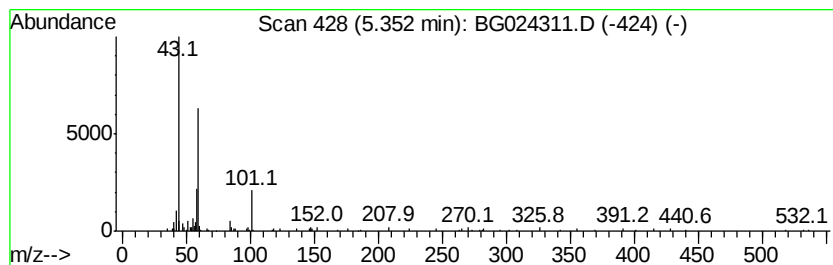
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	2.06 ng/ul	95026	1,4-Dichlorobenzene-d4	8.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
5			2,4,6,8,9-Pentathiatricyclo[3.3....	598	C16H22S12	057274-52-9	28



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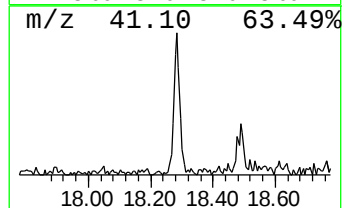
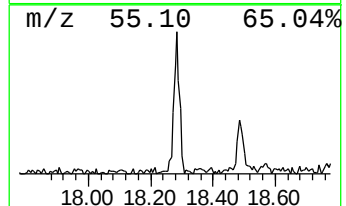
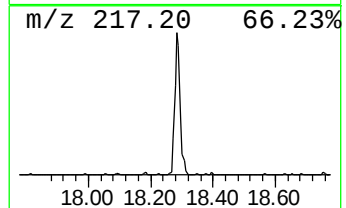
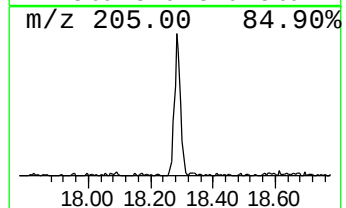
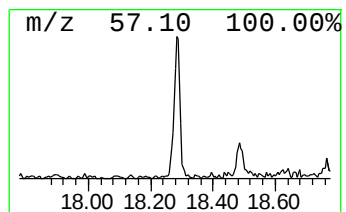
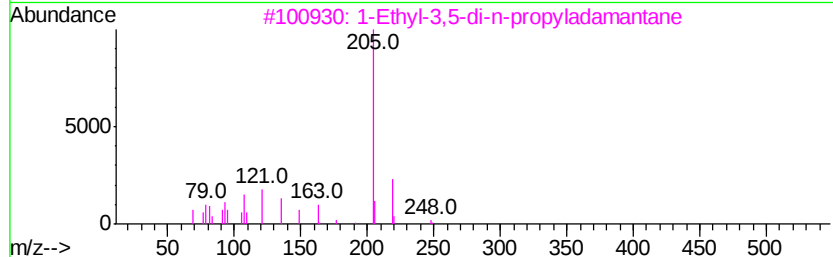
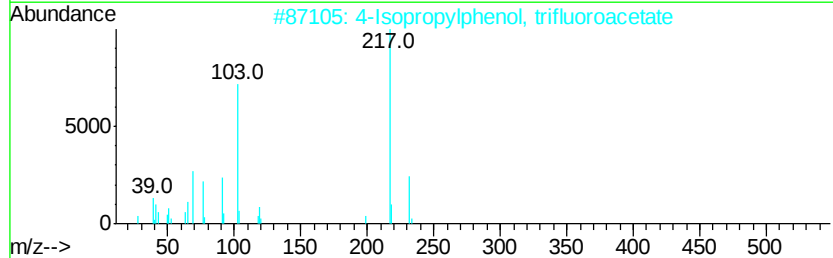
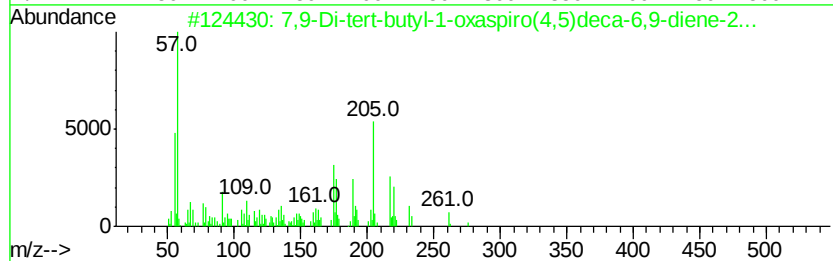
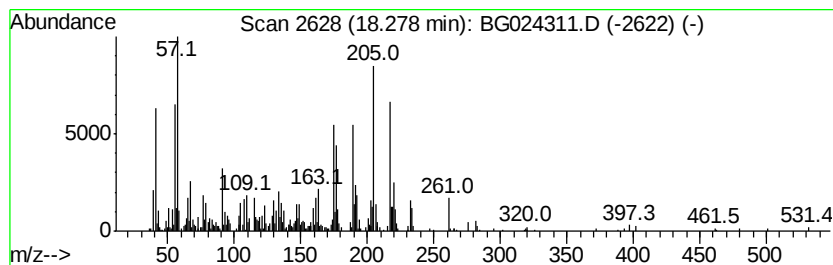
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	4.45 ng/ul	604228	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	50
2			4-Isopropylphenol, trifluoroacetate	232	C11H11F3O2	1000365-67-8	35
3			1-Ethyl-3,5-di-n-propyladamantane	248	C18H32	1000215-00-4	25
4			Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	20
5			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	20



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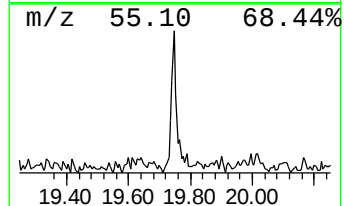
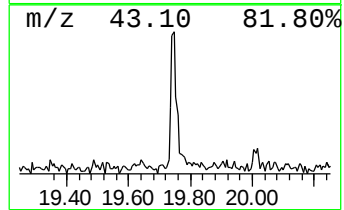
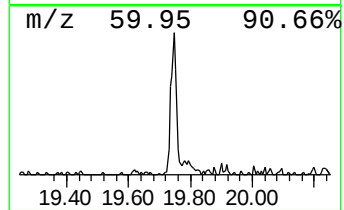
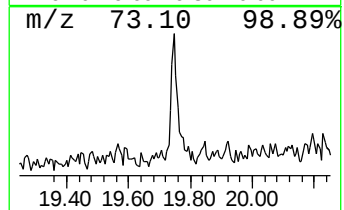
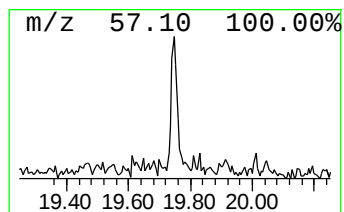
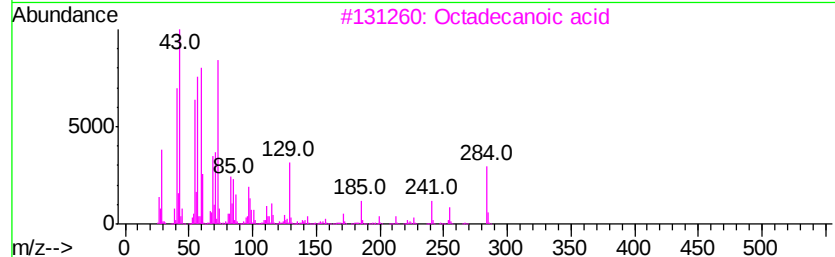
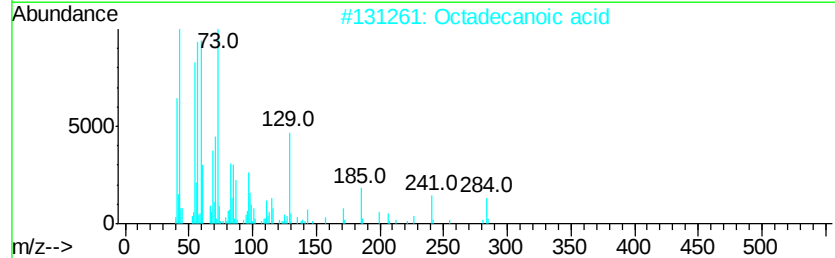
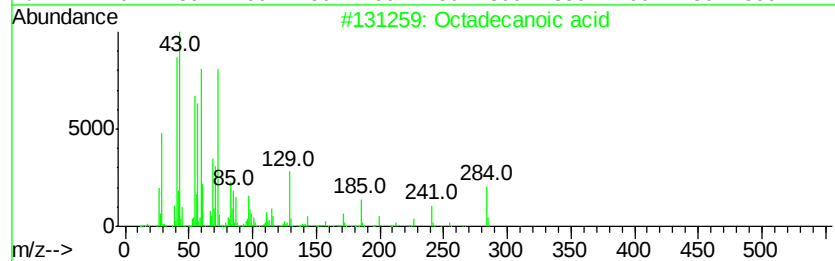
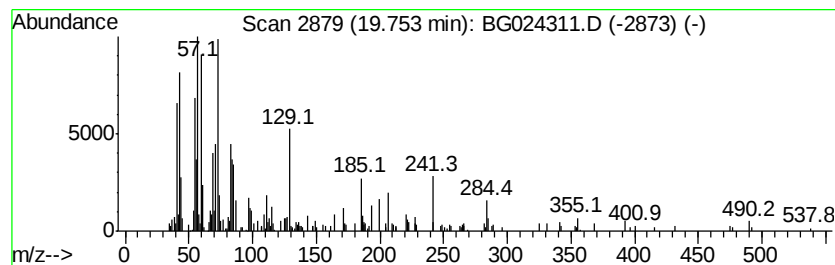
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.17 ng/ul	294971	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101216\
Data File : BG024311.D
Acq On : 12 Oct 2016 21:24
Operator : UM/SJ
Sample : H5145-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
2-Hexanol, 2-methyl-	5.35	2.1	ng/ul	95026	1	8.29	924175	20.0
7,9-Di-tert-butyl...	18.28	4.5	ng/ul	604228	4	17.64	2714690	20.0
Octadecanoic acid	19.75	2.2	ng/ul	294971	4	17.64	2714690	20.0