

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024368.D
 Acq On : 15 Oct 2016 1:28
 Operator : UM/SJ
 Sample : H5241-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNE5

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	4.408	265	267	272	rVB5	21712	24407	0.29%	0.031%
2	4.490	278	281	288	rBV8	14311	26213	0.31%	0.033%
3	4.767	327	328	335	rVV7	9448	15252	0.18%	0.019%
4	4.831	335	339	347	rVB6	17860	40505	0.48%	0.051%
5	5.795	499	503	509	rVB6	10406	18738	0.22%	0.024%
6	5.883	515	518	528	rVB7	9164	24213	0.29%	0.031%
7	6.476	611	619	622	rVB10	12893	29413	0.35%	0.037%
8	7.246	746	750	757	rVB10	10845	19076	0.22%	0.024%
9	7.352	762	768	772	rBV7	14428	23945	0.28%	0.030%
10	7.411	772	778	787	rVV2	151363	279288	3.29%	0.352%
11	7.599	803	810	820	rBV	393616	684489	8.07%	0.863%
12	7.804	836	845	855	rVB2	419558	792007	9.34%	0.998%
13	7.951	868	870	875	rVB6	9717	15003	0.18%	0.019%
14	8.045	883	886	891	rVB6	7052	14278	0.17%	0.018%
15	8.286	912	927	938	rBV	1263838	2281869	26.91%	2.876%
16	8.492	956	962	972	rVB9	13362	36890	0.44%	0.046%
17	8.738	997	1004	1011	rBV10	10245	25506	0.30%	0.032%
18	8.815	1011	1017	1020	rBV8	13962	27422	0.32%	0.035%
19	8.874	1022	1027	1030	rVB6	10491	14286	0.17%	0.018%
20	8.968	1033	1043	1054	rVB3	392650	713253	8.41%	0.899%
21	9.379	1108	1113	1119	rVB9	17638	36607	0.43%	0.046%
22	9.455	1119	1126	1134	rBV	605789	1070494	12.62%	1.349%
23	9.808	1182	1186	1190	rVB5	10647	19231	0.23%	0.024%
24	9.955	1206	1211	1216	rBV7	6459	15946	0.19%	0.020%
25	10.008	1216	1220	1225	rVB7	8140	17066	0.20%	0.022%
26	10.184	1239	1250	1258	rBV2	519319	978913	11.54%	1.234%
27	10.713	1333	1340	1353	rVB	709929	1332564	15.72%	1.680%
28	11.006	1382	1390	1398	rBV6	19661	56129	0.66%	0.071%
29	11.112	1398	1408	1424	rVB	1889761	3526251	41.59%	4.444%
30	11.570	1480	1486	1490	rVB4	15337	21057	0.25%	0.027%
31	11.841	1526	1532	1539	rBV4	10975	29203	0.34%	0.037%
32	12.246	1597	1601	1604	rBV4	11498	16724	0.20%	0.021%
33	12.346	1612	1618	1627	rVB6	44137	77886	0.92%	0.098%
34	12.675	1667	1674	1682	rBV9	21622	53621	0.63%	0.068%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
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35	12.798	1693	1695	1699	rBV4	8340	14066	0.17%	0.018%
36	13.022	1729	1733	1736	rBV5	10320	15706	0.19%	0.020%
37	13.051	1736	1738	1746	rVV7	9885	16463	0.19%	0.021%
38	13.145	1746	1754	1763	rVV7	20517	59861	0.71%	0.075%
39	13.257	1767	1773	1778	rBV7	16983	35288	0.42%	0.044%
40	13.498	1807	1814	1818	rVV5	17625	32199	0.38%	0.041%
41	13.756	1855	1858	1864	rBV6	16027	33797	0.40%	0.043%
42	13.815	1864	1868	1873	rVB4	35042	54492	0.64%	0.069%
43	14.291	1939	1949	1956	rBV	1579633	2367619	27.92%	2.984%
44	14.338	1956	1957	1963	rVB6	10473	14295	0.17%	0.018%
45	14.596	1994	2001	2009	rBV	1577276	2556174	30.15%	3.222%
46	14.902	2040	2053	2059	rBV	3496150	5742227	67.72%	7.237%
47	14.955	2060	2062	2073	rVB6	39233	58030	0.68%	0.073%
48	15.060	2073	2080	2090	rBV	191906	341047	4.02%	0.430%
49	15.266	2106	2115	2122	rBV2	206572	333548	3.93%	0.420%
50	15.554	2158	2164	2169	rBV3	38290	67991	0.80%	0.086%
51	15.613	2170	2174	2178	rVB6	20335	30327	0.36%	0.038%
52	15.660	2178	2182	2184	rBV4	14942	20197	0.24%	0.025%
53	15.683	2184	2186	2192	rVB6	11441	16687	0.20%	0.021%
54	15.801	2203	2206	2211	rBV6	10189	18977	0.22%	0.024%
55	15.883	2211	2220	2229	rVB	2270343	3584421	42.27%	4.518%
56	15.989	2230	2238	2247	rBV	898475	1397813	16.49%	1.762%
57	16.124	2255	2261	2267	rVB5	33614	54506	0.64%	0.069%
58	16.400	2305	2308	2312	rVB6	12449	13923	0.16%	0.018%
59	16.582	2331	2339	2341	rVB7	6273	14271	0.17%	0.018%
60	16.841	2374	2383	2388	rBV10	23067	58084	0.69%	0.073%
61	16.988	2404	2408	2414	rBV6	51027	75788	0.89%	0.096%
62	17.046	2416	2418	2423	rBV6	14874	15164	0.18%	0.019%
63	17.146	2430	2435	2436	rVB4	11311	14234	0.17%	0.018%
64	17.211	2441	2446	2451	rVB5	22273	34273	0.40%	0.043%
65	17.305	2458	2462	2467	rBV7	13835	24849	0.29%	0.031%
66	17.428	2472	2483	2489	rVB6	33936	72599	0.86%	0.092%
67	17.640	2511	2519	2529	rBV2	4421345	7021572	82.81%	8.850%
68	17.740	2529	2536	2546	rVB2	2493979	3986331	47.01%	5.024%
69	17.875	2553	2559	2563	rBV2	181455	236098	2.78%	0.298%
70	17.922	2563	2567	2577	rVB	386328	489269	5.77%	0.617%
71	18.186	2607	2612	2614	rBV5	10275	15629	0.18%	0.020%

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72	18.280	2621	2628	2635	rBV2	720943	948863	11.19%	1.196%
73	18.480	2653	2662	2669	rBV6	85850	160617	1.89%	0.202%
74	18.562	2673	2676	2683	rVB7	14942	23403	0.28%	0.029%
75	18.756	2704	2709	2713	rBV8	17986	30067	0.35%	0.038%
76	18.903	2730	2734	2737	rBV6	12883	17546	0.21%	0.022%
77	18.985	2744	2748	2750	rBV5	14233	18203	0.21%	0.023%
78	19.173	2775	2780	2784	rBV	221132	275615	3.25%	0.347%
79	19.220	2784	2788	2796	rVB	493514	578695	6.82%	0.729%
80	19.291	2798	2800	2803	rBV4	10521	13915	0.16%	0.018%
81	19.643	2854	2860	2865	rVB3	44520	77105	0.91%	0.097%
82	19.737	2872	2876	2882	rBV5	92963	134948	1.59%	0.170%
83	19.896	2899	2903	2908	rBV5	35870	56642	0.67%	0.071%
84	20.008	2910	2922	2931	rBV	3195079	4832861	57.00%	6.091%
85	20.213	2956	2957	2960	rVB3	19026	16481	0.19%	0.021%
86	20.284	2964	2969	2972	rBV	1305915	1539324	18.15%	1.940%
87	20.325	2972	2976	2985	rVB	2823861	3091952	36.46%	3.897%
88	21.294	3135	3141	3144	rBV	494880	660774	7.79%	0.833%
89	21.330	3144	3147	3156	rVB	1000120	1256918	14.82%	1.584%
90	21.941	3243	3251	3264	rVB2	4574529	8316276	98.08%	10.482%
91	22.076	3271	3274	3280	rBV8	37628	63611	0.75%	0.080%
92	22.446	3332	3337	3341	rBV2	221827	389024	4.59%	0.490%
93	22.493	3341	3345	3357	rVB	484667	764221	9.01%	0.963%
94	23.409	3496	3501	3508	rBV5	137607	269150	3.17%	0.339%
95	23.562	3523	3527	3533	rVB8	68453	144414	1.70%	0.182%
96	23.938	3585	3591	3596	rBV4	205547	440454	5.19%	0.555%
97	24.003	3596	3602	3610	rVB3	408971	873653	10.30%	1.101%
98	25.137	3784	3795	3807	rBV2	1493285	4544153	53.59%	5.727%
99	25.390	3824	3838	3855	rVB2	2676182	8479299	100.00%	10.687%
100	29.755	4579	4581	4582	rBV	39080	27699	0.33%	0.035%

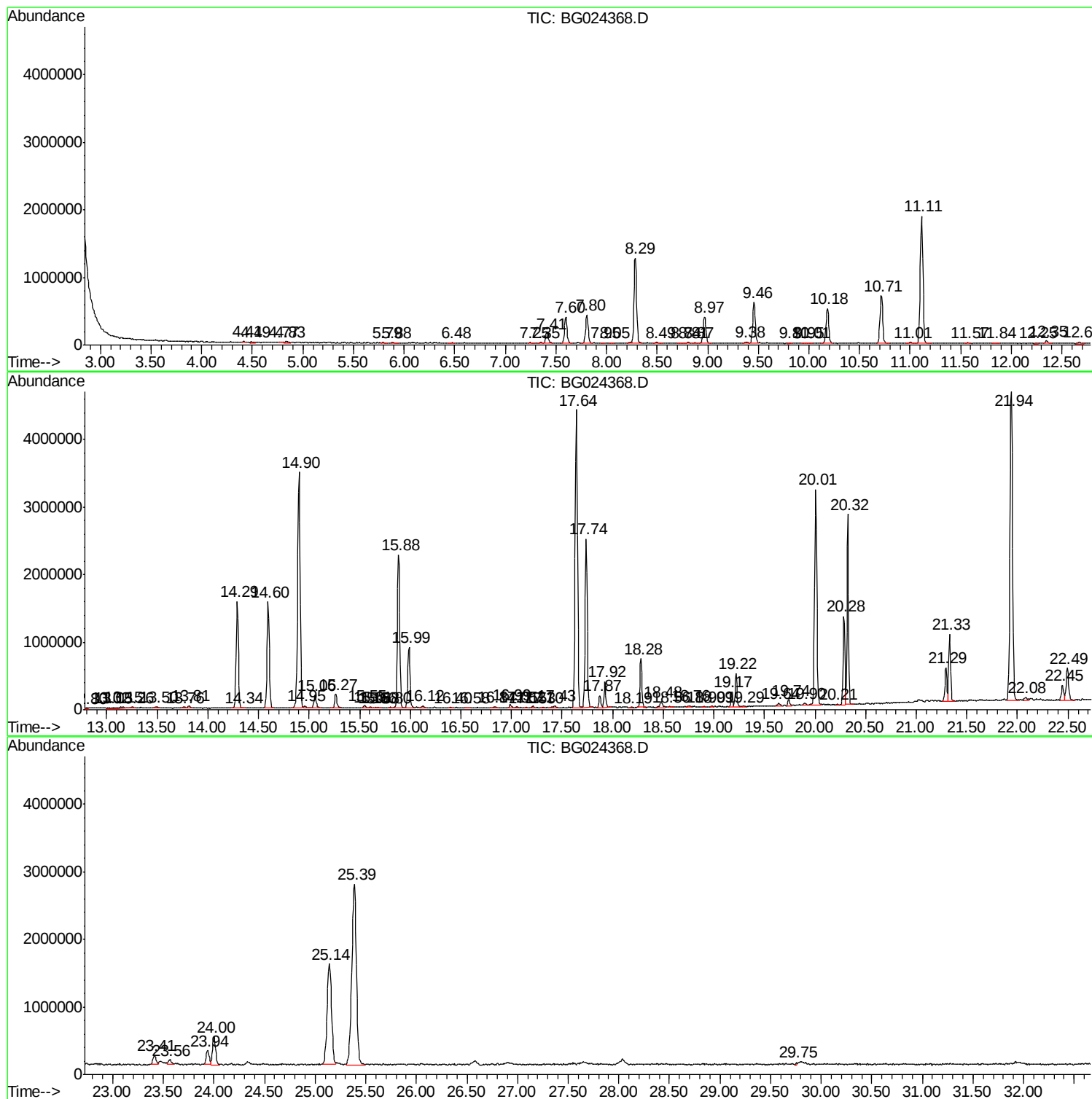
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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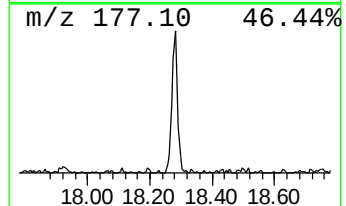
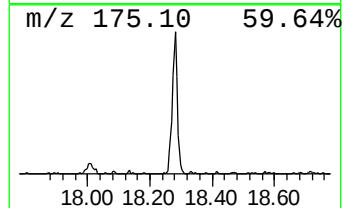
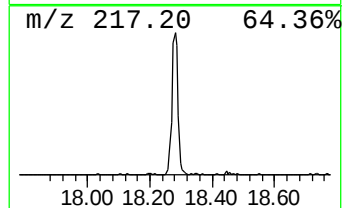
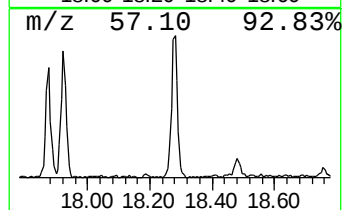
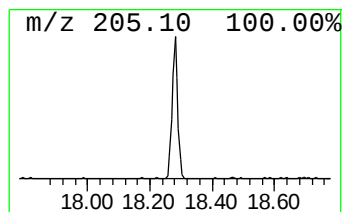
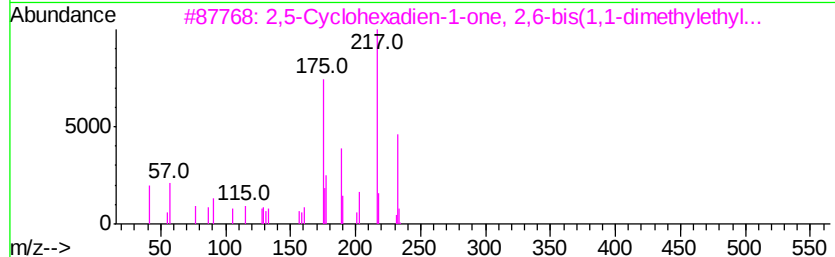
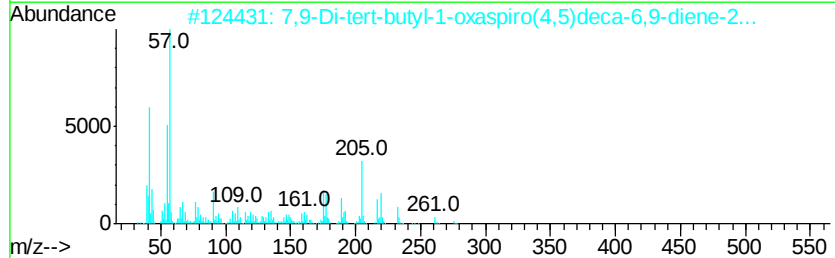
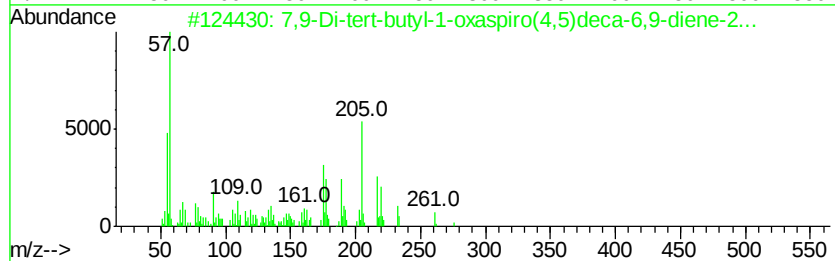
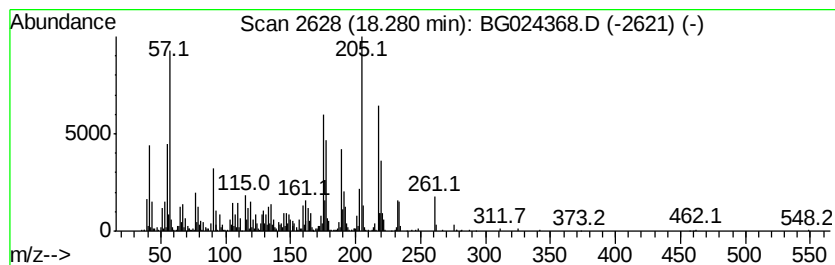
Instrument :
BNA_G
ClientSampled :
BDNE5

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 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.28	2.70 ng/ul	948863	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	99	
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87	
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83	
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64	
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45	



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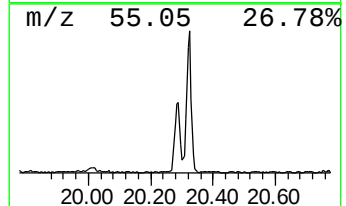
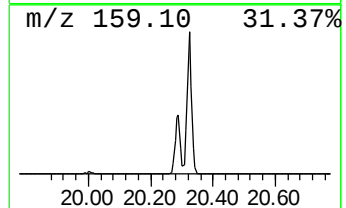
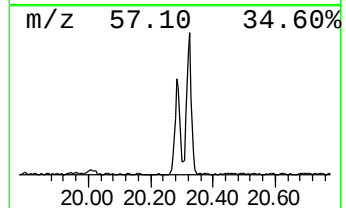
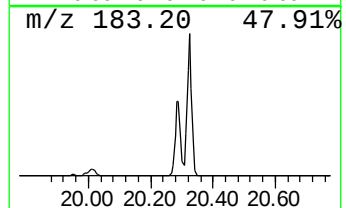
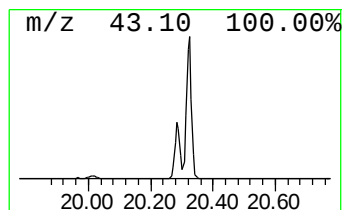
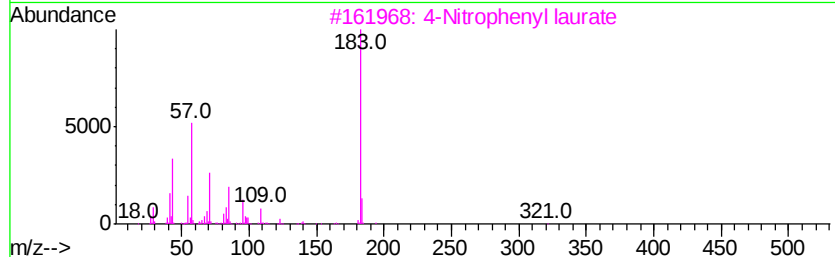
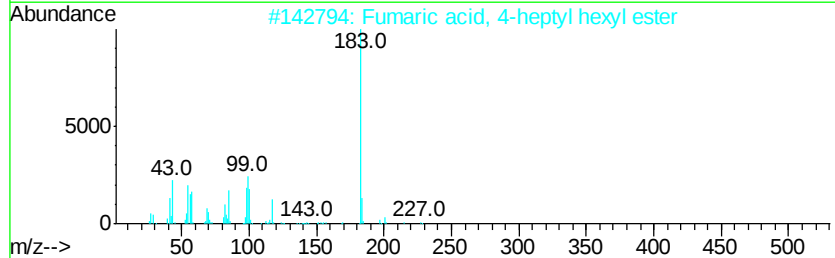
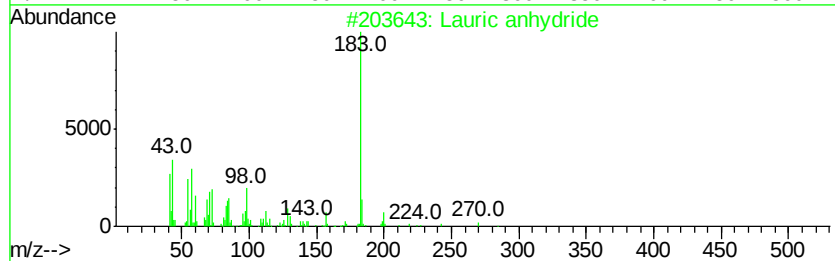
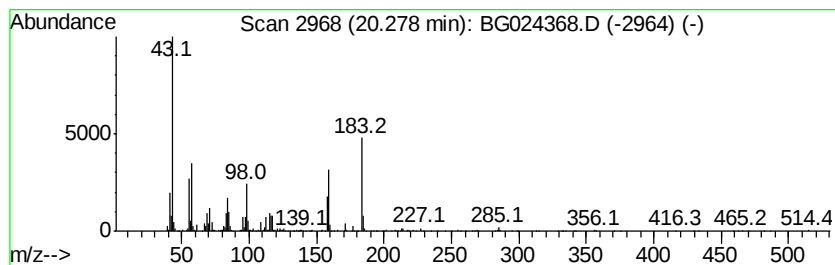
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	3.70 ng/ul	1539320	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lauric anhydride	382	C24H46O3	000645-66-9	46
2		Fumaric acid, 4-heptyl hexyl ester	298	C17H30O4	1000348-51-5	37
3		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	35
4		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	35
5		Fumaric acid, hexyl 2-methylpent...	284	C16H28O4	1000348-72-5	32



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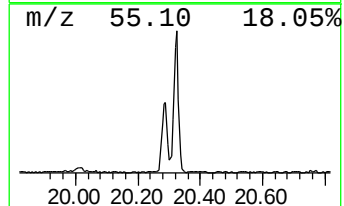
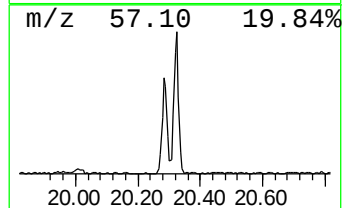
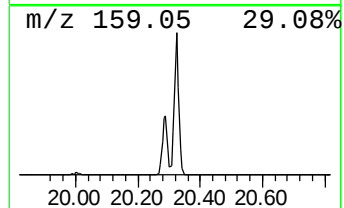
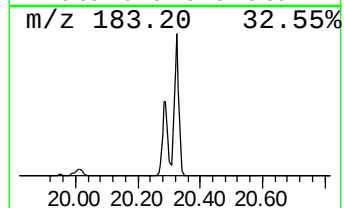
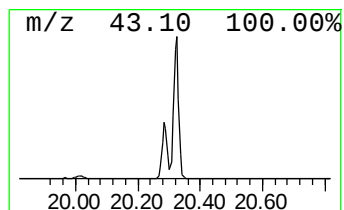
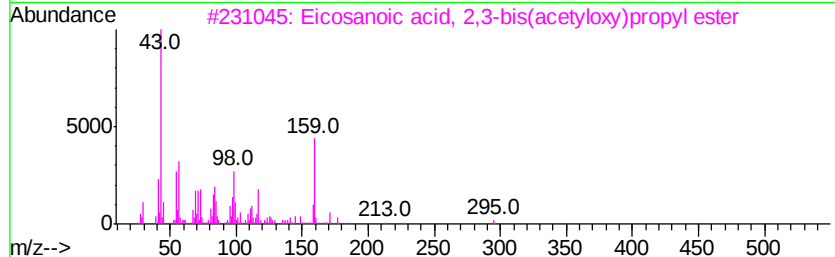
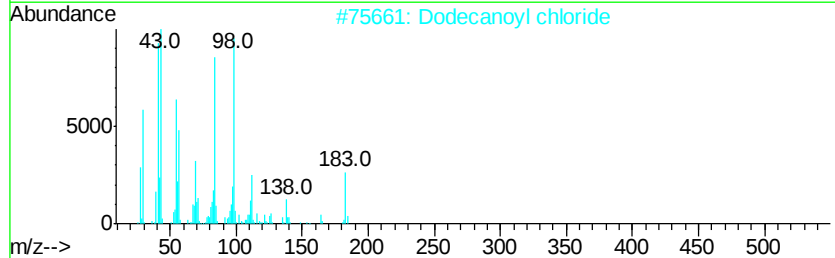
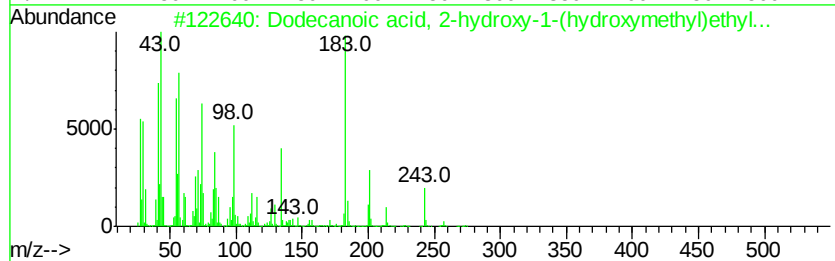
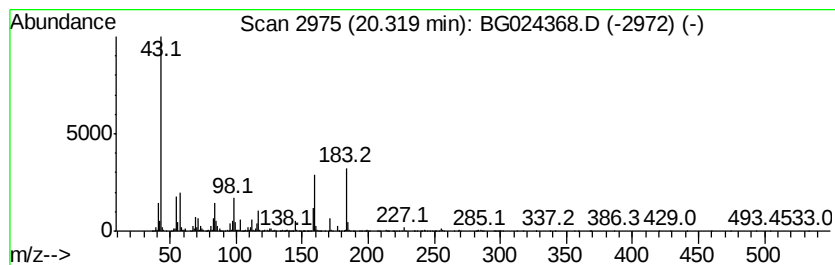
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	7.44 ng/ul	3091950	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl...	274	C15H30O4	001678-45-1	25
2		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	16
3		Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	12
4		9-Octadecenoic acid (Z)-, 2,3-bis(acetyloxy)propyl ester	440	C25H44O6	055401-64-4	10
5		1,2-Dicarbadodecaborane(12), 1-hydroxy-2-methyl-	230	C8H24B10	020740-05-0	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
Data File : BG024368.D
Acq On : 15 Oct 2016 1:28
Operator : UM/SJ
Sample : H5241-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNE5

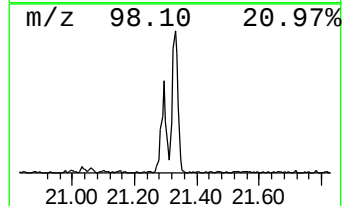
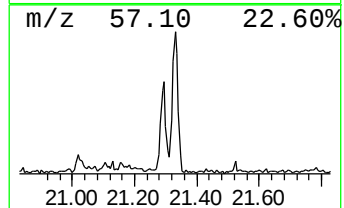
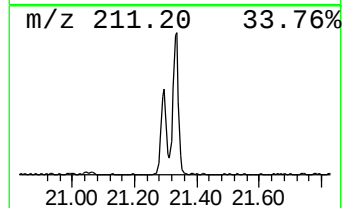
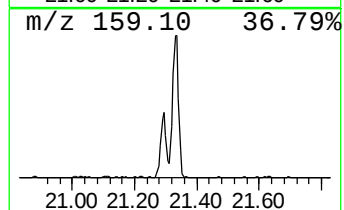
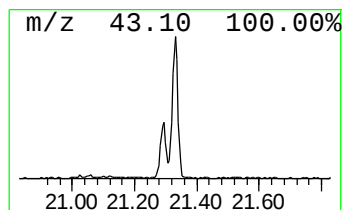
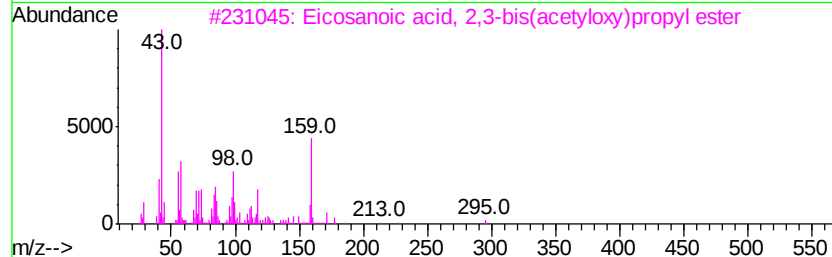
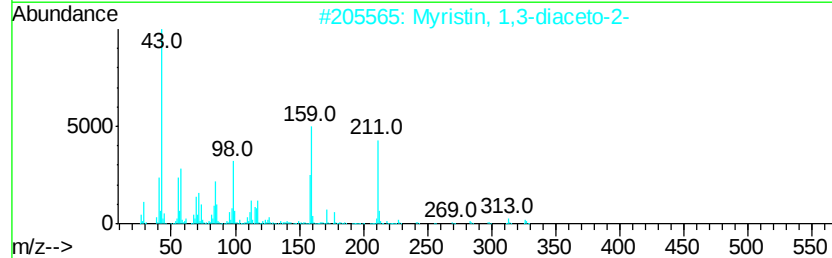
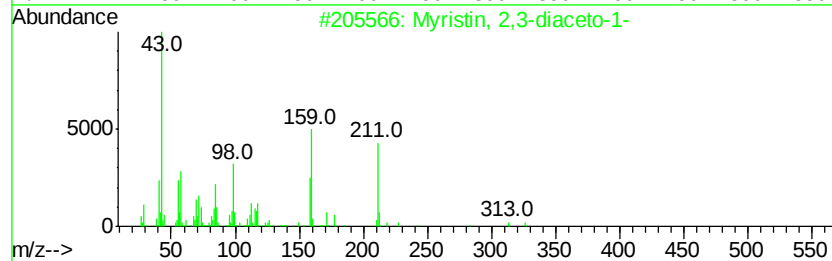
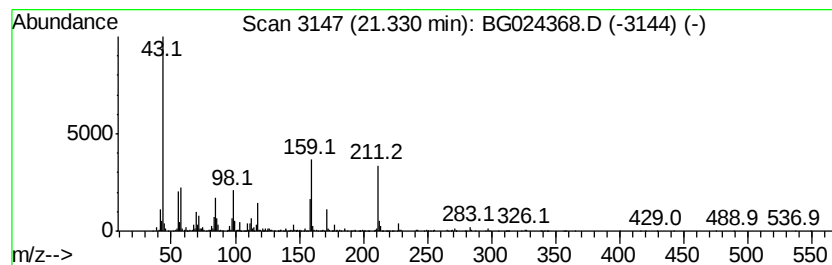
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Myristin, 2,3-diaceto-1- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.02 ng/ul	1256920	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	80
2		Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	80
3		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
4		9,12,15-Octadecatrienoic acid, 2...	436	C25H40O6	055320-02-0	12
5		1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	10



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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNE5

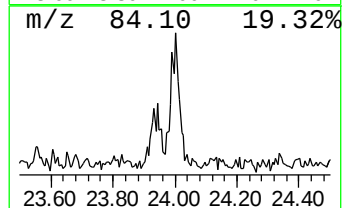
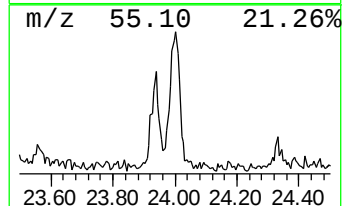
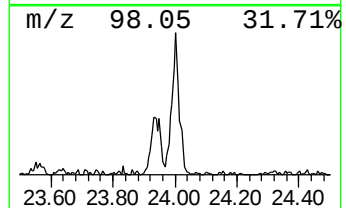
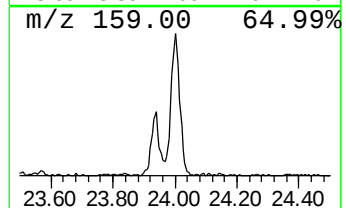
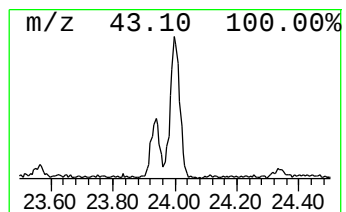
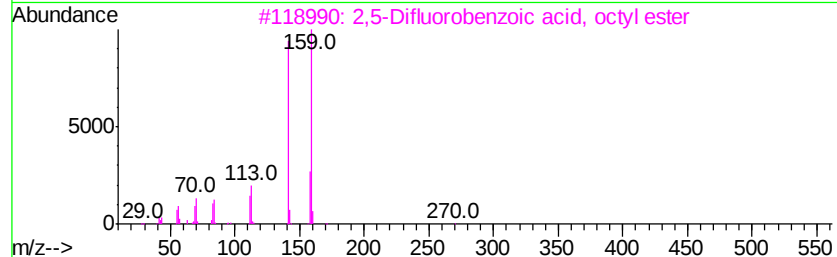
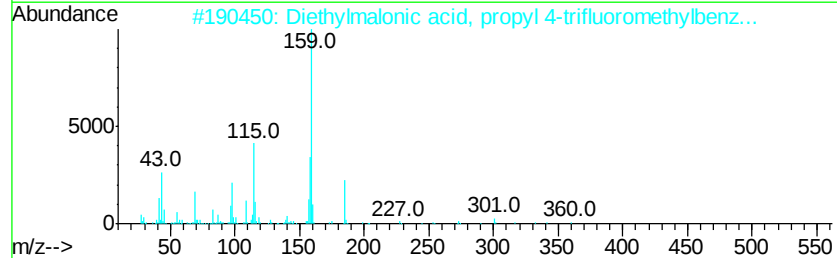
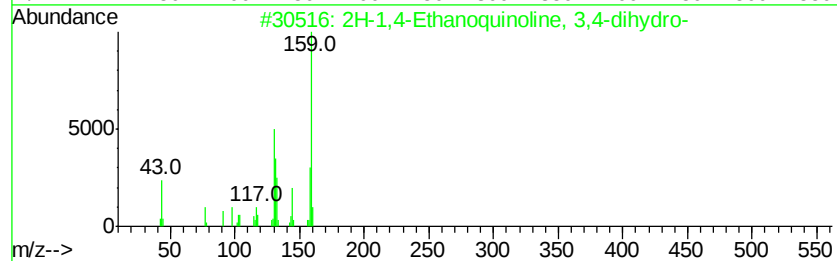
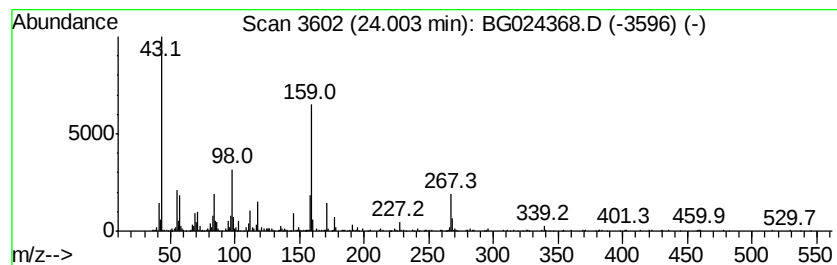
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.06 ng/ul	873653	Perylene-d12	25.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-1,4-Ethanoquinoline, 3,4-dihy...	159	C11H13N	004363-25-1	38
2		Diethylmalonic acid, propyl 4-tr...	360	C18H23F3O4	1000368-40-0	35
3		2,5-Difluorobenzoic acid, octyl ...	270	C15H20F2O2	1000338-80-7	27
4		Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	27
5		1H-Inden-2-amine, N,N-dimethyl-	159	C11H13N	035336-08-4	25



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Instrument :
BNA_G
ClientSampleId :
BDNE5

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
7,9-Di-tert-butyl...	18.28	2.7	ng/ul	948863	4	17.64	7021570	20.0
unknown-01	20.28	3.7	ng/ul	1539320	5	21.94	8316280	20.0
unknown-02	20.32	7.4	ng/ul	3091950	5	21.94	8316280	20.0
Myristin, 2,3-dia...	21.33	3.0	ng/ul	1256920	5	21.94	8316280	20.0
unknown-03	24.00	2.1	ng/ul	873653	6	25.39	8479300	20.0