

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018217.D
 Acq On : 1 Aug 2015 12:48
 Operator : TP/UM
 Sample : G3073-17
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02G2

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-BG073115.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	3.317	102	107	117	rBV	56594	72289	10.78%	0.716%
2	5.138	413	417	425	rVB3	8478	14317	2.13%	0.142%
3	5.508	475	480	485	rBV3	14311	24823	3.70%	0.246%
4	5.978	556	560	564	rBV4	4360	6623	0.99%	0.066%
5	6.049	569	572	578	rBV4	4933	7603	1.13%	0.075%
6	6.125	580	585	588	rBV5	3205	5818	0.87%	0.058%
7	6.166	588	592	595	rVB6	7884	11704	1.75%	0.116%
8	6.478	641	645	651	rVV5	7924	14911	2.22%	0.148%
9	6.536	651	655	659	rVV2	4490	6664	0.99%	0.066%
10	6.625	667	670	671	rVV3	6934	7752	1.16%	0.077%
11	6.683	675	680	690	rVB	68930	123752	18.45%	1.225%
12	6.830	699	705	710	rBV	50385	79108	11.80%	0.783%
13	7.024	733	738	747	rVB2	72503	118319	17.64%	1.171%
14	7.112	749	753	755	rBV2	16988	20483	3.05%	0.203%
15	7.482	807	816	824	rBV	206589	345114	51.46%	3.417%
16	7.594	833	835	839	rBV4	6478	8034	1.20%	0.080%
17	7.764	858	864	869	rVB6	6917	14140	2.11%	0.140%
18	8.023	898	908	913	rBV6	9756	25876	3.86%	0.256%
19	8.129	921	926	928	rBV3	7218	12908	1.92%	0.128%
20	8.217	935	941	946	rBV2	87986	141879	21.16%	1.405%
21	8.428	974	977	983	rBV5	4876	10758	1.60%	0.107%
22	8.487	983	987	993	rVB6	5578	9849	1.47%	0.098%
23	8.558	993	999	1000	rBV4	6010	9717	1.45%	0.096%
24	8.587	1001	1004	1007	rVV3	9504	12574	1.88%	0.124%
25	8.640	1007	1013	1021	rVB	69526	111072	16.56%	1.100%
26	8.710	1021	1025	1034	rVB2	27770	44366	6.62%	0.439%
27	8.810	1034	1042	1043	rBV5	7158	13113	1.96%	0.130%
28	8.916	1057	1060	1065	rVV6	5127	8254	1.23%	0.082%
29	8.963	1065	1068	1074	rVB6	4233	8507	1.27%	0.084%
30	9.063	1081	1085	1089	rBV5	4033	7569	1.13%	0.075%
31	9.127	1092	1096	1100	rVV6	6003	10946	1.63%	0.108%
32	9.169	1100	1103	1112	rVB6	9289	22599	3.37%	0.224%
33	9.357	1129	1135	1141	rBV	49544	87075	12.98%	0.862%
34	9.627	1178	1181	1185	rVB4	7590	8186	1.22%	0.081%

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35	9.680	1185	1190	1197	rBV7	8091	23316	3.48%	0.231%
36	9.815	1209	1213	1217	rBV6	6110	8112	1.21%	0.080%
37	9.903	1223	1228	1235	rVB2	95770	156683	23.36%	1.551%
38	10.267	1280	1290	1296	rBV	309110	533076	79.49%	5.277%
39	10.320	1296	1299	1301	rBV3	7733	8926	1.33%	0.088%
40	10.414	1310	1315	1324	rVB3	48852	108505	16.18%	1.074%
41	10.573	1337	1342	1346	rVB5	5992	10162	1.52%	0.101%
42	10.761	1370	1374	1378	rVB5	5015	8090	1.21%	0.080%
43	10.967	1407	1409	1413	rVB3	5842	7554	1.13%	0.075%
44	11.301	1462	1466	1473	rBV6	12202	19792	2.95%	0.196%
45	11.560	1504	1510	1513	rVV4	4285	5546	0.83%	0.055%
46	11.713	1532	1536	1542	rVB2	20091	29211	4.36%	0.289%
47	11.848	1554	1559	1564	rVB5	3685	8244	1.23%	0.082%
48	11.942	1570	1575	1581	rVB5	13385	24284	3.62%	0.240%
49	12.177	1609	1615	1618	rVB2	8501	14681	2.19%	0.145%
50	12.353	1639	1645	1647	rBV5	4024	8213	1.22%	0.081%
51	12.500	1663	1670	1671	rBV4	6318	10448	1.56%	0.103%
52	12.688	1699	1702	1705	rVB4	6160	7161	1.07%	0.071%
53	12.729	1705	1709	1713	rBV4	10497	16149	2.41%	0.160%
54	12.988	1748	1753	1759	rBV2	17956	24215	3.61%	0.240%
55	13.481	1832	1837	1841	rBV5	9602	17532	2.61%	0.174%
56	13.528	1841	1845	1848	rVV5	6187	9068	1.35%	0.090%
57	13.575	1848	1853	1857	rVV	183188	239730	35.75%	2.373%
58	13.622	1857	1861	1870	rVB	86546	123033	18.35%	1.218%
59	13.845	1890	1899	1905	rBV	166838	262868	39.20%	2.602%
60	14.075	1933	1938	1943	rBV4	12151	18616	2.78%	0.184%
61	14.163	1946	1953	1960	rBV2	412299	649388	96.84%	6.429%
62	14.222	1960	1963	1966	rBV3	12740	16576	2.47%	0.164%
63	14.410	1990	1995	2000	rVB2	27174	40592	6.05%	0.402%
64	14.562	2018	2021	2026	rVB3	11232	14466	2.16%	0.143%
65	14.645	2032	2035	2038	rVV4	4427	5718	0.85%	0.057%
66	14.697	2042	2044	2049	rVB5	6599	8786	1.31%	0.087%
67	14.786	2057	2059	2062	rVB3	6024	5954	0.89%	0.059%
68	14.956	2084	2088	2090	rBV5	4930	7940	1.18%	0.079%
69	15.032	2098	2101	2105	rVB3	16543	18954	2.83%	0.188%
70	15.162	2117	2123	2128	rVV	207233	286842	42.77%	2.840%
71	15.214	2128	2132	2138	rVB3	14071	22874	3.41%	0.226%

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72	15.350	2145	2155	2157	rBV10	6364	17434	2.60%	0.173%
73	15.373	2157	2159	2162	rBV4	5273	5722	0.85%	0.057%
74	15.514	2180	2183	2185	rBV4	6464	8254	1.23%	0.082%
75	15.591	2194	2196	2201	rBV6	4145	6731	1.00%	0.067%
76	15.737	2218	2221	2223	rBV3	5707	5893	0.88%	0.058%
77	15.896	2244	2248	2256	rVB8	23692	53755	8.02%	0.532%
78	16.131	2285	2288	2294	rVB7	16293	20839	3.11%	0.206%
79	16.572	2360	2363	2368	rVB3	14565	24112	3.60%	0.239%
80	16.736	2388	2391	2399	rVB4	18209	26300	3.92%	0.260%
81	16.801	2399	2402	2405	rVB4	14692	19990	2.98%	0.198%
82	16.836	2405	2408	2409	rBV3	8947	8536	1.27%	0.085%
83	16.918	2416	2422	2426	rBV2	458561	660801	98.54%	6.542%
84	16.959	2426	2429	2434	rVB	173279	222444	33.17%	2.202%
85	17.012	2434	2438	2443	rBV2	180082	259933	38.76%	2.573%
86	17.324	2489	2491	2495	rBV3	14400	19585	2.92%	0.194%
87	17.835	2574	2578	2585	rBV3	109645	170975	25.50%	1.693%
88	17.900	2586	2589	2593	rVV	37699	42365	6.32%	0.419%
89	17.988	2600	2604	2608	rBV3	49925	80016	11.93%	0.792%
90	18.546	2695	2699	2704	rVB	299957	386575	57.65%	3.827%
91	18.992	2770	2775	2781	rBV	257134	421111	62.80%	4.169%
92	19.051	2782	2785	2790	rVB	239720	277314	41.35%	2.745%
93	19.327	2828	2832	2834	rBV2	200559	257956	38.47%	2.554%
94	19.357	2834	2837	2841	rVB	207599	243789	36.35%	2.413%
95	21.125	3134	3138	3142	rVB	425507	531057	79.19%	5.257%
96	21.630	3221	3224	3227	rVB	307602	312868	46.66%	3.097%
97	21.713	3235	3238	3243	rVB	239017	260693	38.87%	2.581%
98	21.772	3245	3248	3253	rVB2	553305	670595	100.00%	6.639%
99	21.924	3271	3274	3277	rBV3	286673	401217	59.83%	3.972%
100	22.653	3395	3398	3403	rVB2	371537	476264	71.02%	4.715%

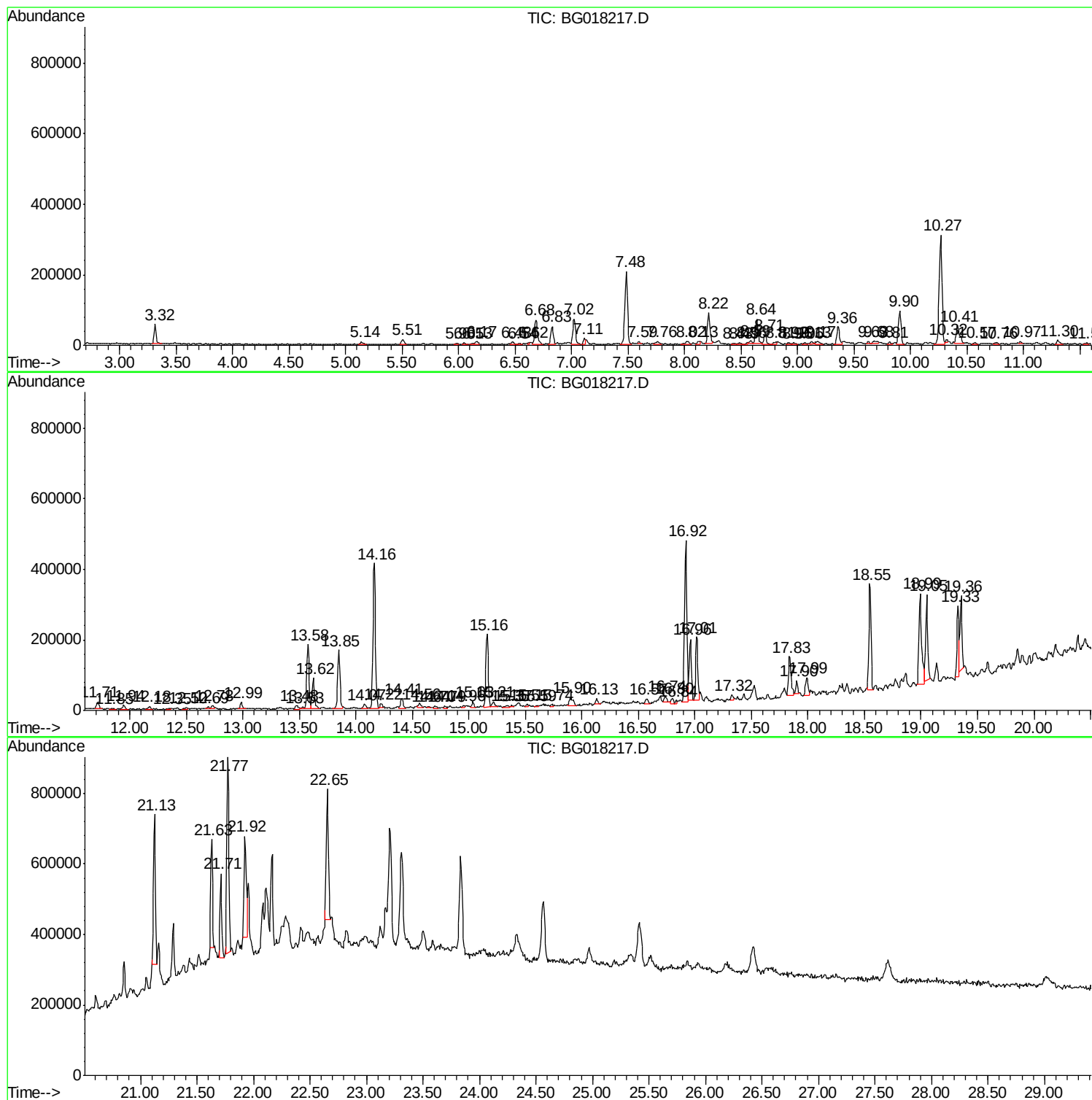
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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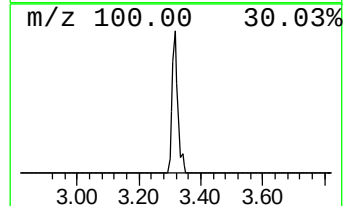
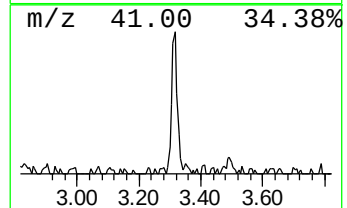
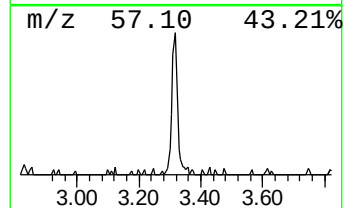
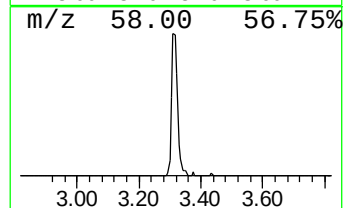
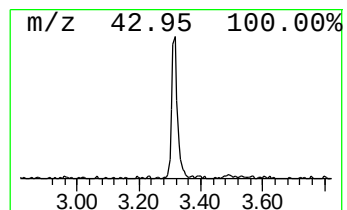
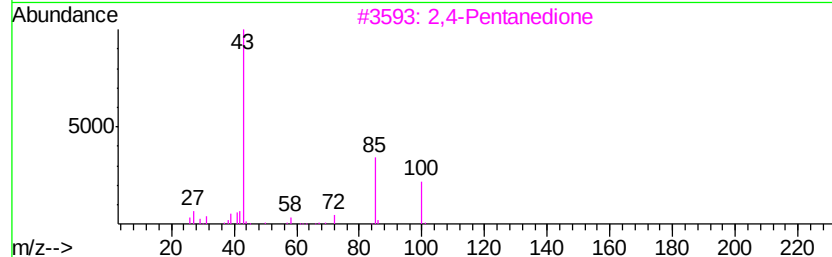
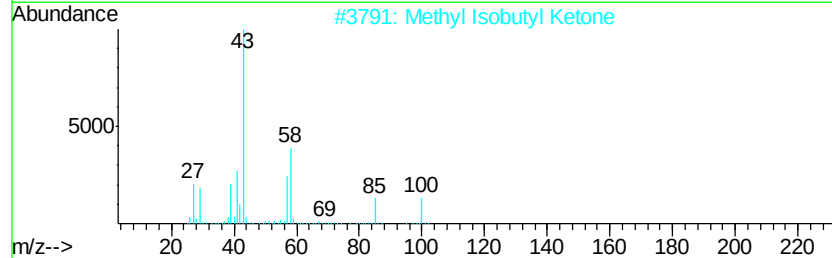
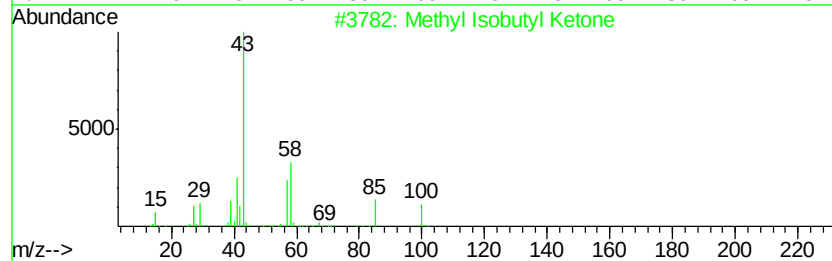
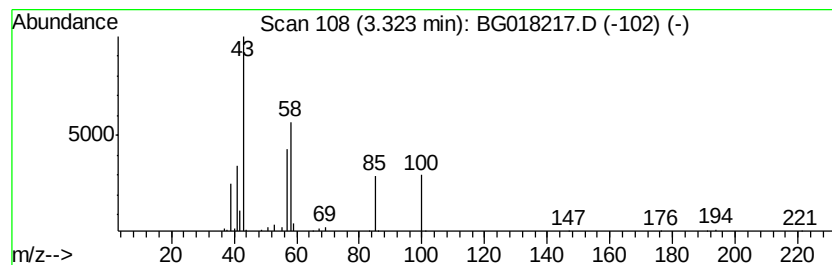
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	4.19 ng/ul	72289	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
2		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
3		2,4-Pentanedione	100	C5H8O2	000123-54-6	49
4		2,4-Pentanedione	100	C5H8O2	000123-54-6	49
5		2,4-Pentanedione	100	C5H8O2	000123-54-6	47



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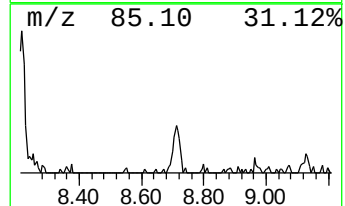
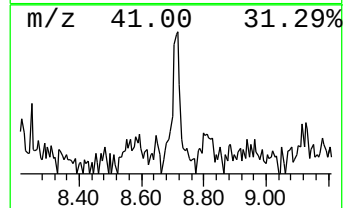
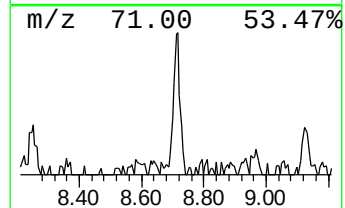
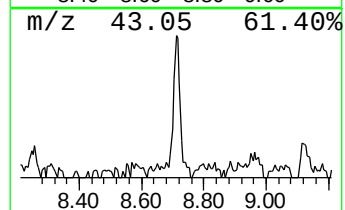
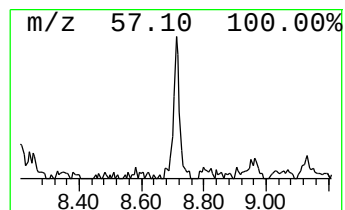
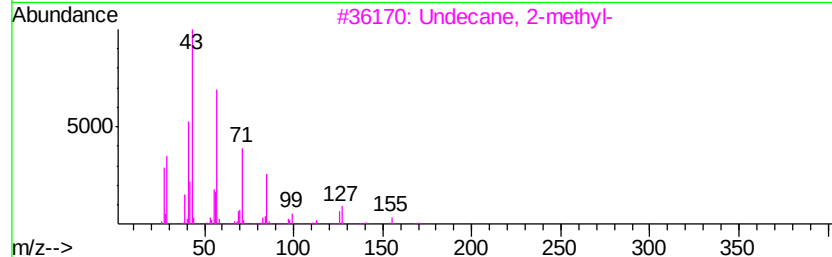
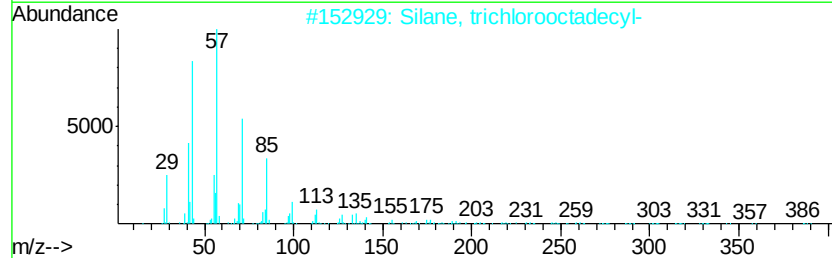
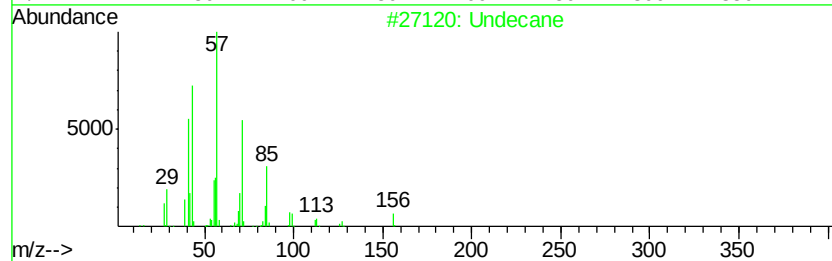
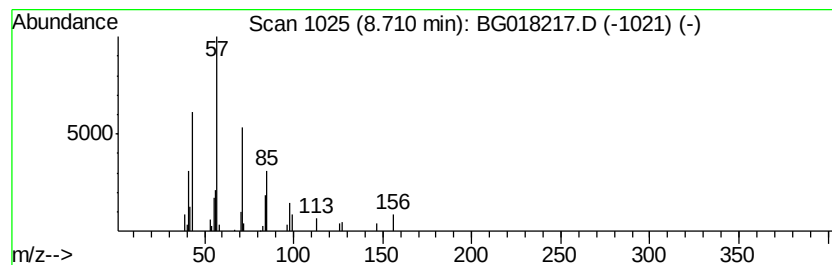
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.57 ng/ul	44366	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4		Pentadecane	212	C15H32	000629-62-9	59
5		Tridecane	184	C13H28	000629-50-5	59



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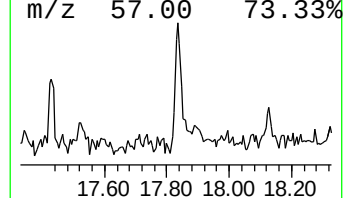
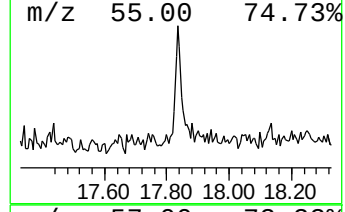
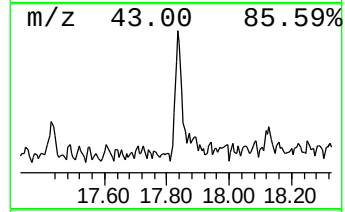
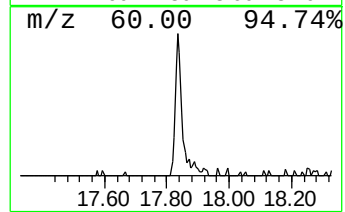
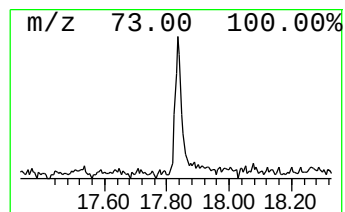
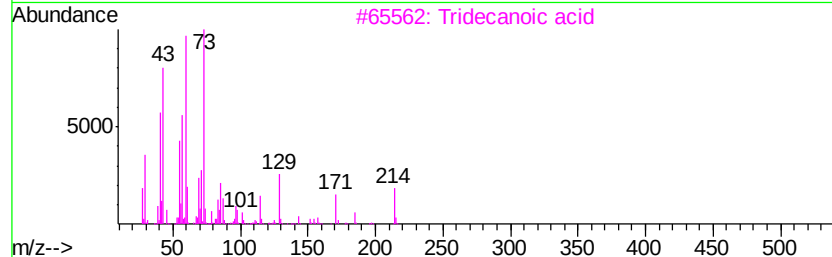
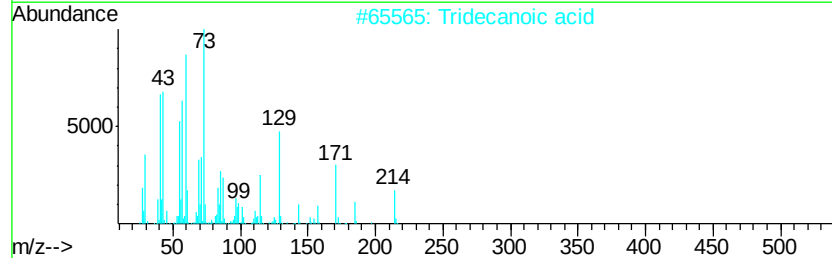
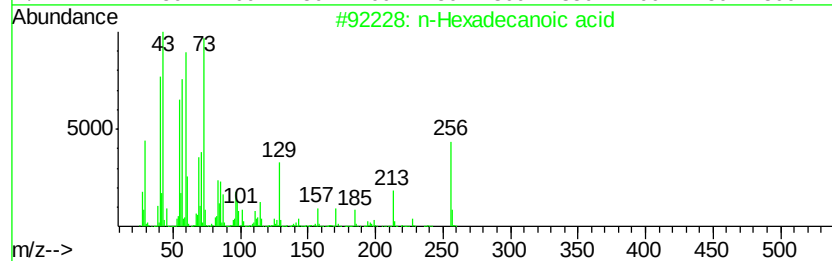
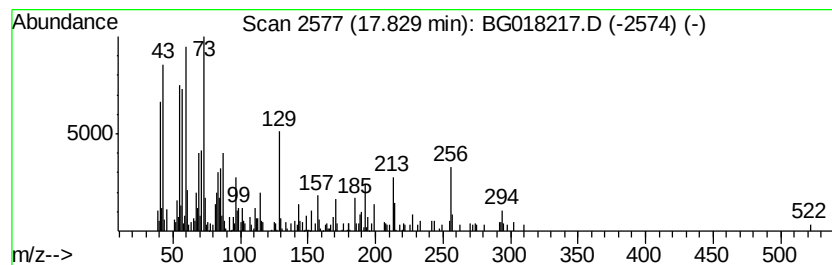
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	5.17 ng/ul	170975	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	56	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	42	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	42	
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38	



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Sample : G3073-17
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02G2

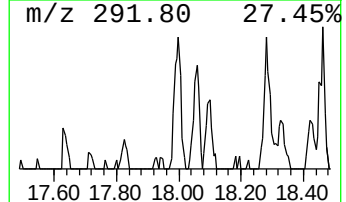
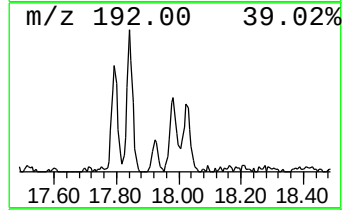
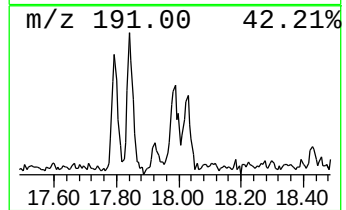
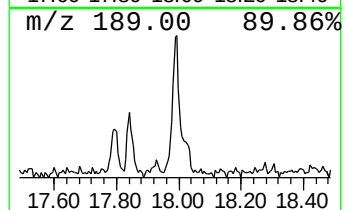
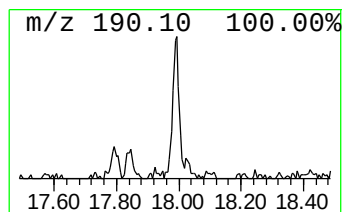
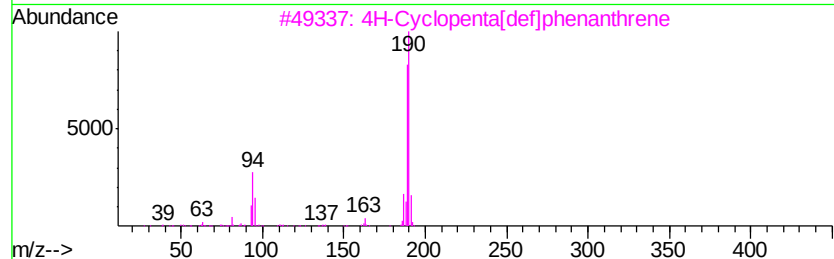
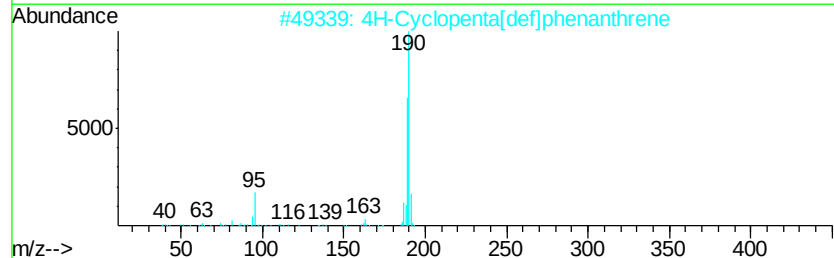
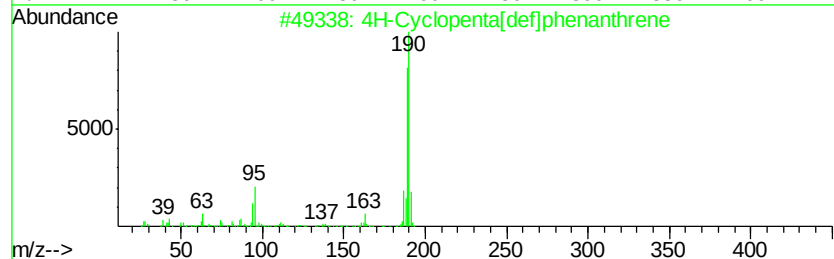
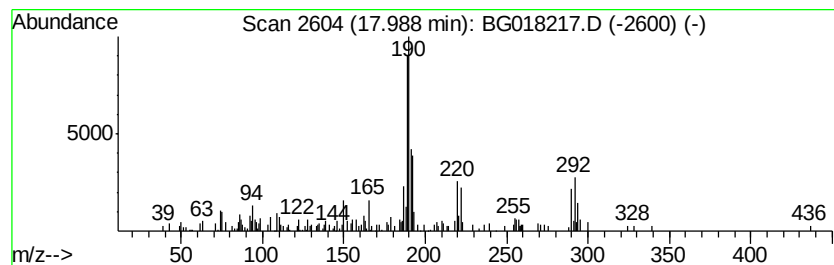
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.42 ng/ul	80016	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	35
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018217.D
Acq On : 1 Aug 2015 12:48
Operator : TP/UM
Sample : G3073-17
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampled :
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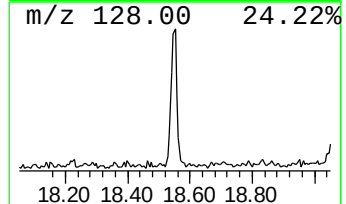
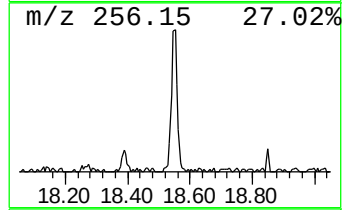
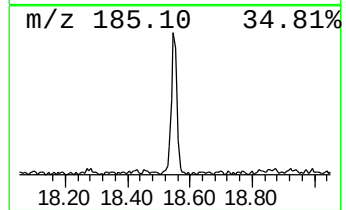
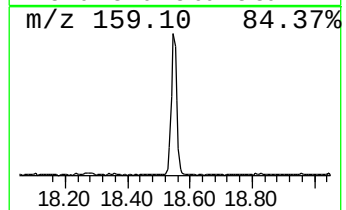
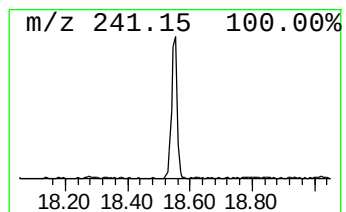
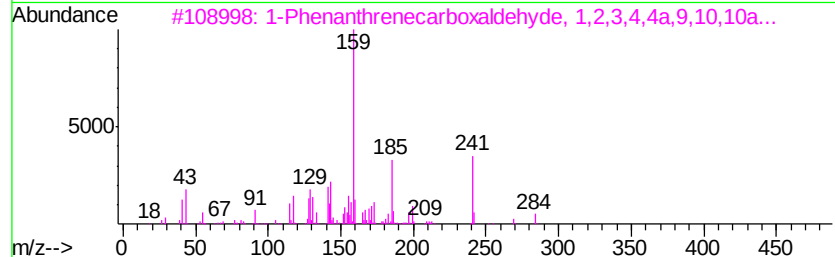
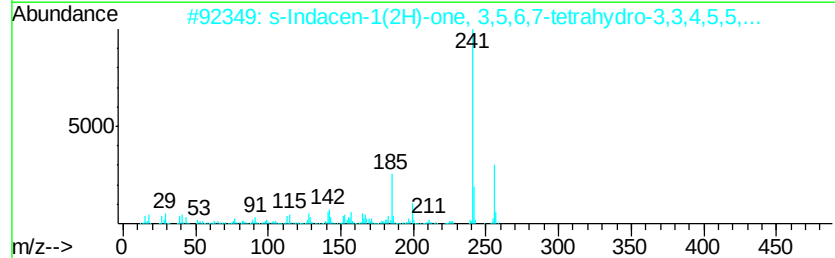
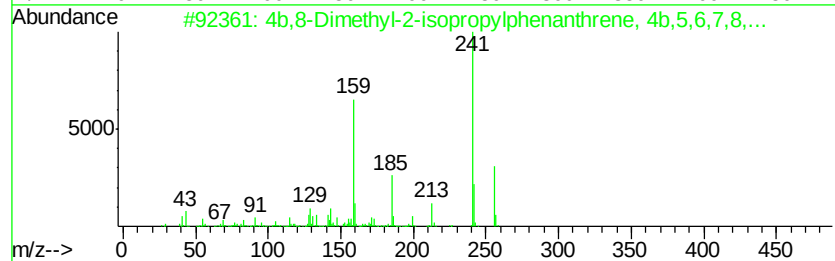
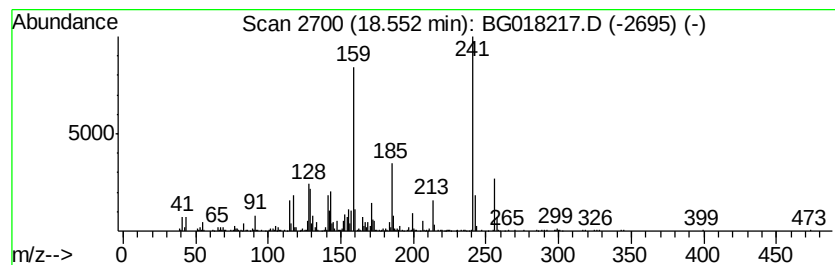
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	11.70 ng/ul	386575	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	87
2		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	83
3		1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	52
4		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	49
5		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15N02	1000212-95-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018217.D
Acq On : 1 Aug 2015 12:48
Operator : TP/UM
Sample : G3073-17
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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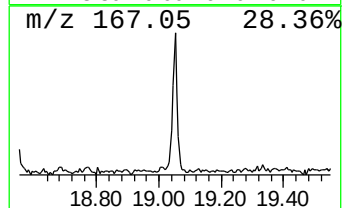
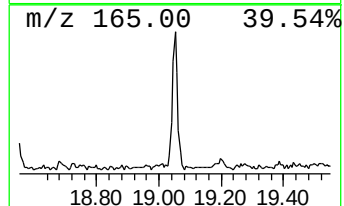
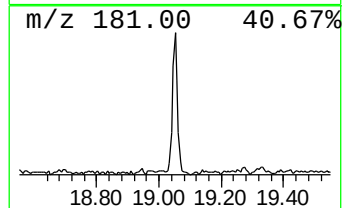
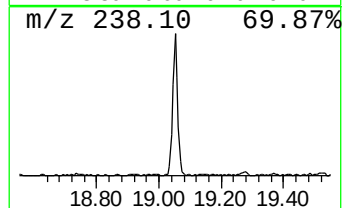
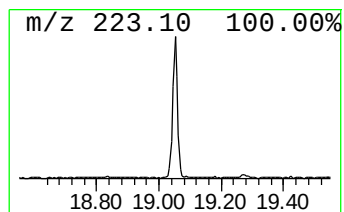
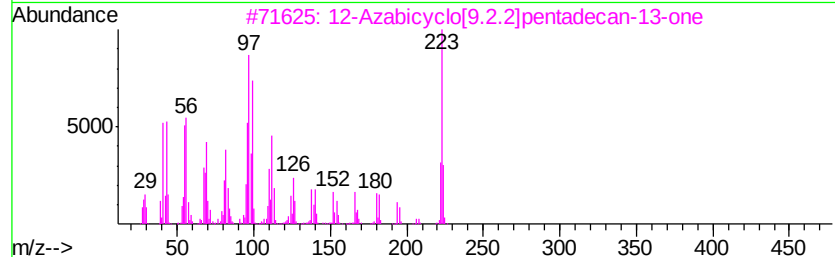
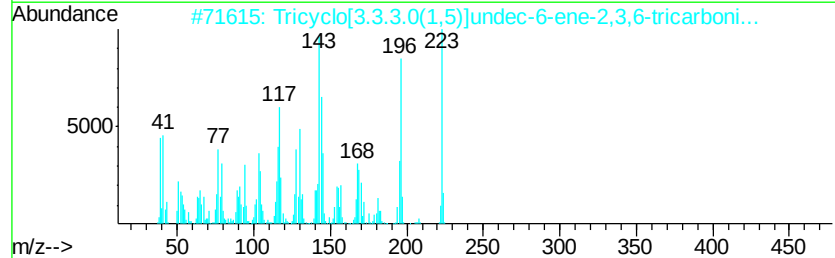
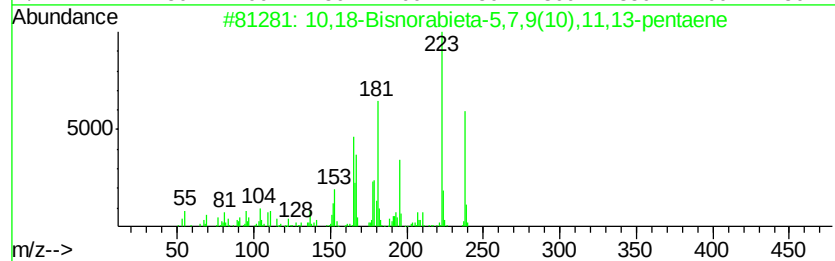
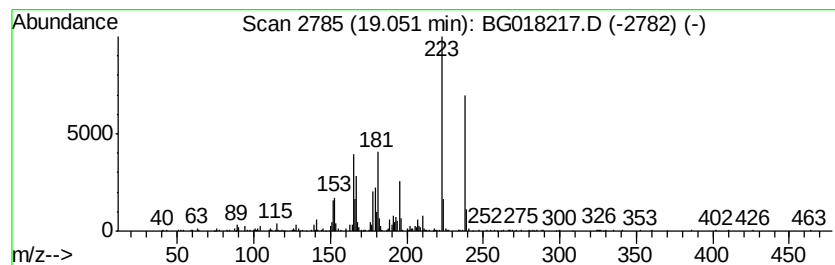
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	10.44 ng/ul	277314	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	92
3		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	60
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
5		3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018217.D
Acq On : 1 Aug 2015 12:48
Operator : TP/UM
Sample : G3073-17
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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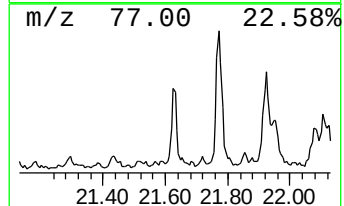
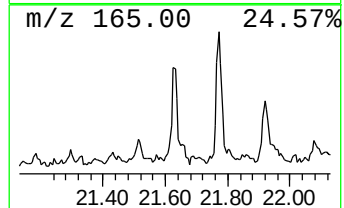
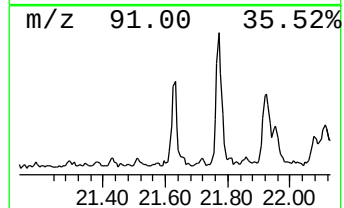
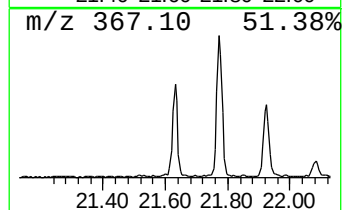
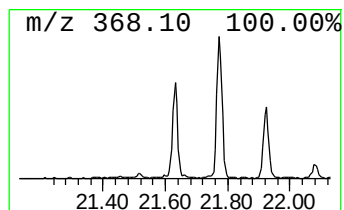
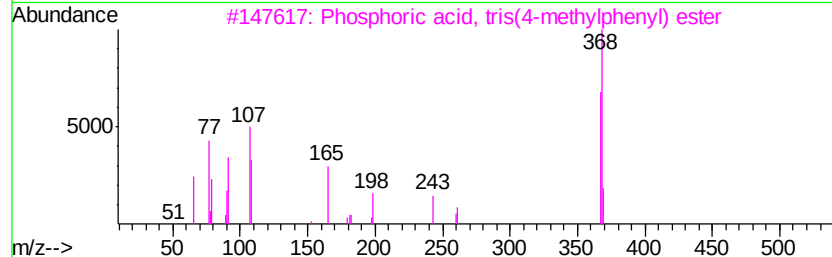
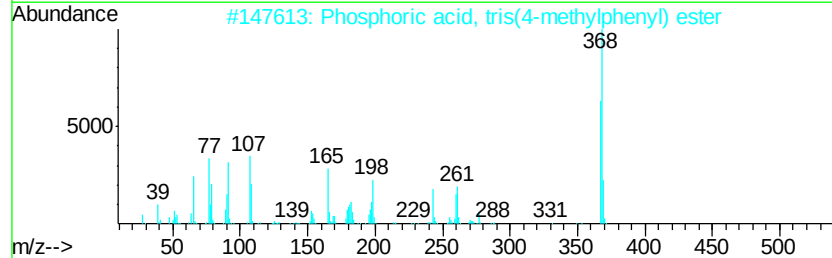
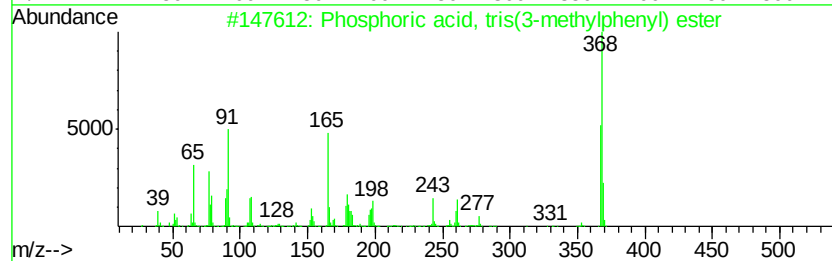
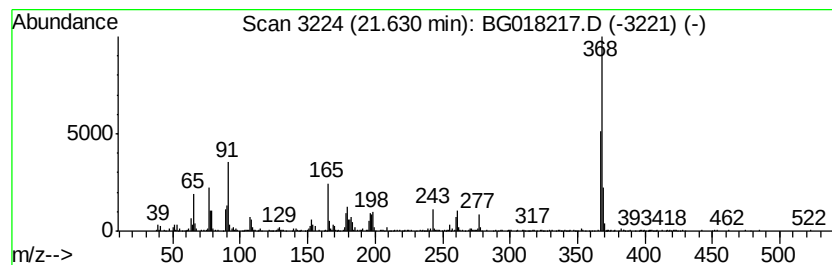
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phosphoric acid, tris(3-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	11.78 ng/ul	312868	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
2		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	91
3		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	81
4		3H-Pyrazol-3-one, 4-[[4-(dimethy...	368	C23H20N4O	013617-68-0	43
5		Pyrimidine-4,6-dione, hexahydro-...	368	C19H16N2O4S	310421-18-2	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018217.D
Acq On : 1 Aug 2015 12:48
Operator : TP/UM
Sample : G3073-17
Misc :
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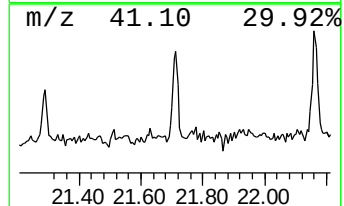
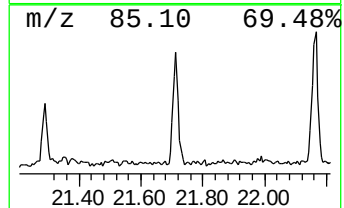
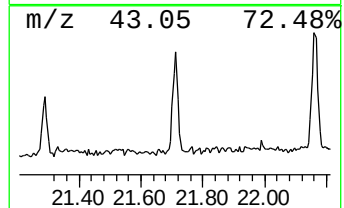
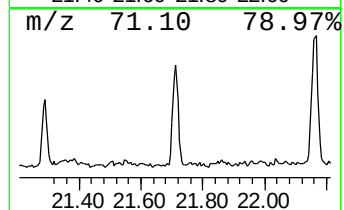
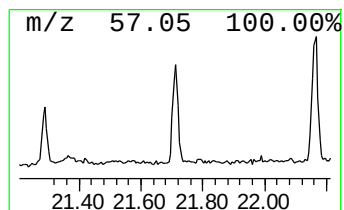
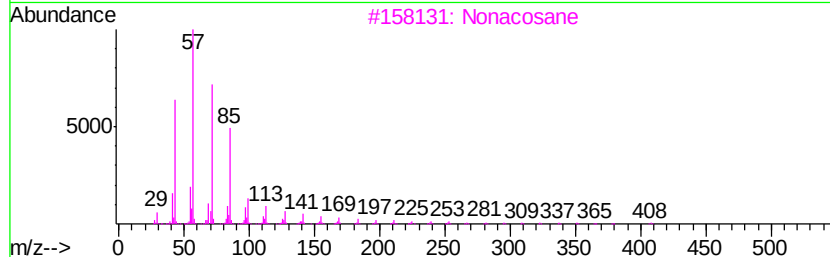
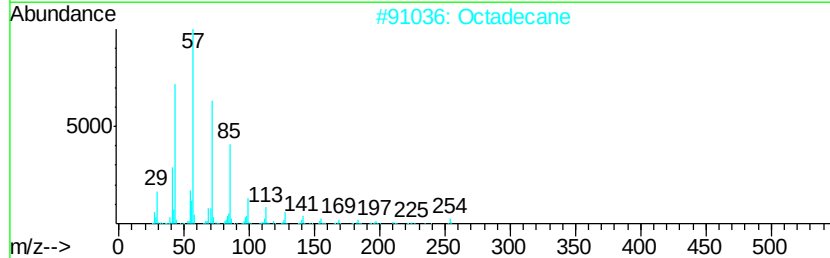
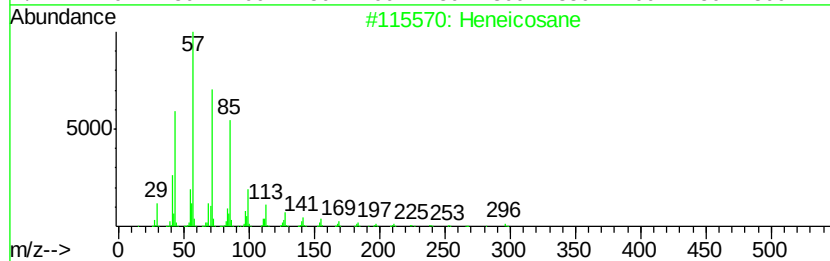
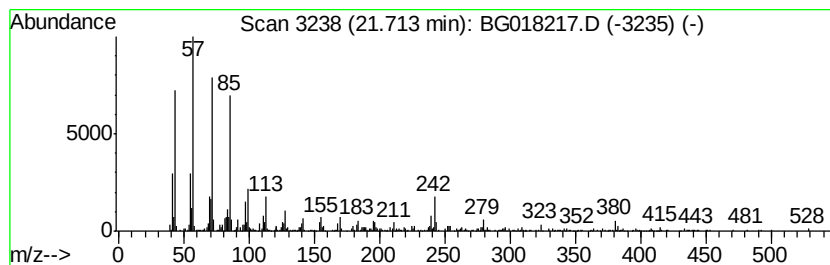
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.71	9.82 ng/ul	260693	Chrysene-d12	21.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane	254	C18H38	000593-45-3	93
3	Nonacosane	408	C29H60	000630-03-5	93
4	Hentriacontane	437	C31H64	000630-04-6	92
5	Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018217.D
Acq On : 1 Aug 2015 12:48
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Sample : G3073-17
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Instrument :
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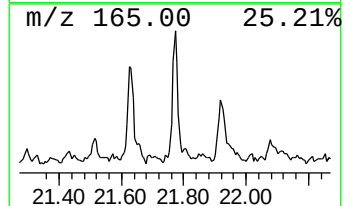
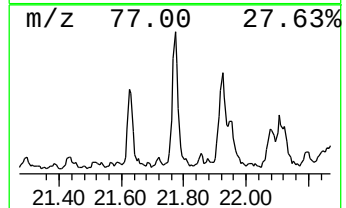
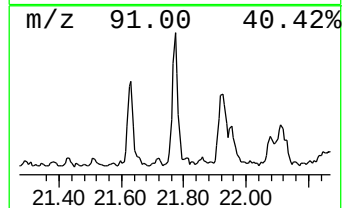
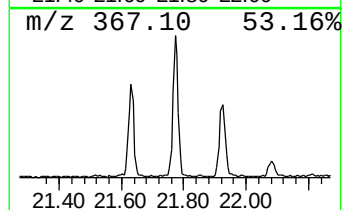
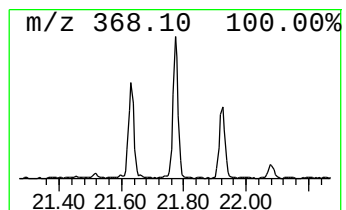
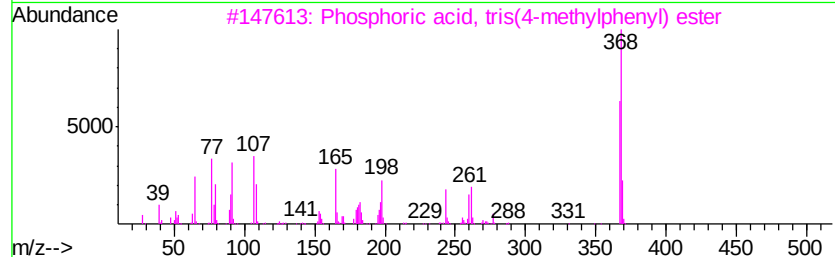
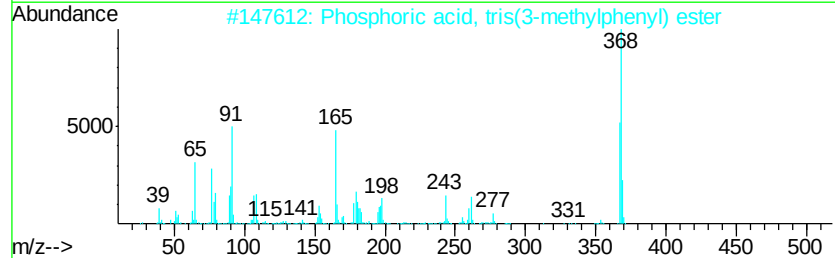
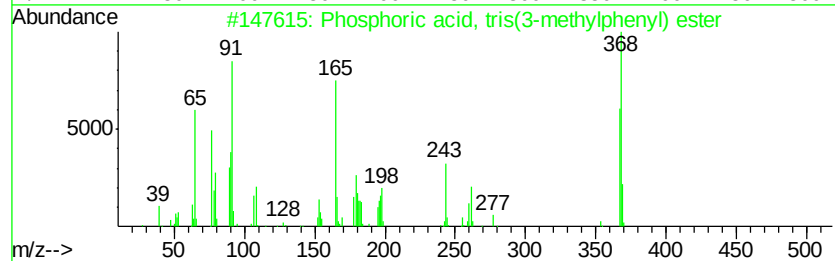
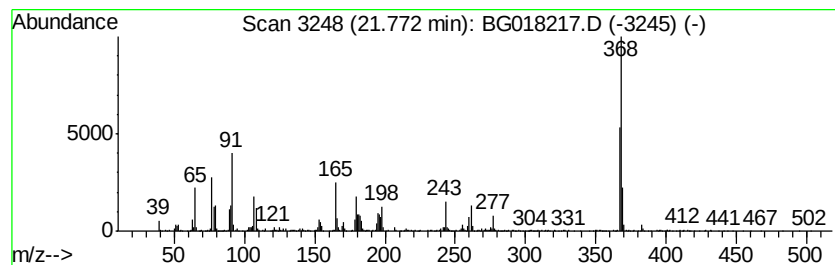
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phosphoric acid, tris(4-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	25.26 ng/ul	670595	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
3		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	83
4		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	80
5		1,3-Cyclohexanedione, 2,2'-benzy...	368	C23H28O4	019419-23-9	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018217.D
Acq On : 1 Aug 2015 12:48
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methyl Isobutyl K...	3.32	4.2	ng/ul	72289	1	7.48	345114	20.0
(DEL) Alkane: Str...	8.71	2.6	ng/ul	44366	1	7.48	345114	20.0
n-Hexadecanoic acid	17.83	5.2	ng/ul	170975	4	16.92	660801	20.0
4H-Cyclopenta[def...	17.99	2.4	ng/ul	80016	4	16.92	660801	20.0
4b,8-Dimethyl-2-i...	18.55	11.7	ng/ul	386575	4	16.92	660801	20.0
10,18-Bisnorabiet...	19.05	10.4	ng/ul	277314	5	21.13	531057	20.0
Phosphoric acid, ...	21.63	11.8	ng/ul	312868	5	21.13	531057	20.0
(DEL) Alkane: Str...	21.71	9.8	ng/ul	260693	5	21.13	531057	20.0
Phosphoric acid, ...	21.77	25.3	ng/ul	670595	5	21.13	531057	20.0