

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
 Data File : BG015999.D
 Acq On : 17 Feb 2015 16:44
 Operator : TP/IZ
 Sample : G1291-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X1J30

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-BG021015.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	2.811	17	21	38	rVB	382340	499725	10.85%	0.921%
2	2.952	40	45	53	rVV	114923	197153	4.28%	0.363%
3	3.028	53	58	70	rVB	113073	162477	3.53%	0.299%
4	3.281	97	101	106	rBV2	14143	19028	0.41%	0.035%
5	3.610	153	157	165	rVB	14962	19926	0.43%	0.037%
6	3.739	175	179	185	rVB	17535	22576	0.49%	0.042%
7	4.338	275	281	295	rBV	1471620	1925382	41.81%	3.548%
8	4.932	374	382	389	rBV	209301	299728	6.51%	0.552%
9	5.543	481	486	491	rBV2	9178	13663	0.30%	0.025%
10	6.007	560	565	576	rBV3	6473	11864	0.26%	0.022%
11	6.994	721	733	740	rBV2	491524	1129635	24.53%	2.081%
12	7.141	750	758	769	rBV	216438	323341	7.02%	0.596%
13	7.334	785	791	800	rBV	247364	382861	8.31%	0.705%
14	7.434	802	808	812	rVB2	9039	12822	0.28%	0.024%
15	7.804	864	871	878	rBV	193758	306452	6.65%	0.565%
16	8.503	982	990	1000	rBV	320965	509980	11.07%	0.940%
17	8.962	1058	1068	1071	rBV	215792	356308	7.74%	0.657%
18	9.003	1071	1075	1084	rVB	347178	548894	11.92%	1.011%
19	9.385	1136	1140	1146	rBV2	8399	12581	0.27%	0.023%
20	9.520	1156	1163	1171	rBV	650628	1050756	22.82%	1.936%
21	9.678	1184	1190	1199	rVB	156923	256439	5.57%	0.473%
22	9.831	1210	1216	1223	rVB	14841	22658	0.49%	0.042%
23	10.213	1275	1281	1288	rBV	296231	471123	10.23%	0.868%
24	10.595	1337	1346	1350	rBV	293107	551373	11.97%	1.016%
25	10.648	1350	1355	1362	rVV	923822	1509036	32.77%	2.780%
26	10.730	1362	1369	1381	rVB	267418	434969	9.45%	0.801%
27	11.911	1566	1570	1580	rVB	10834	18490	0.40%	0.034%
28	12.122	1599	1606	1610	rBV2	13710	21953	0.48%	0.040%
29	12.257	1622	1629	1637	rVB	891952	1391834	30.23%	2.565%
30	12.480	1662	1667	1672	rBV2	13611	22337	0.49%	0.041%
31	12.862	1725	1732	1741	rBV	709521	1074932	23.34%	1.981%
32	13.179	1782	1786	1790	rBV3	8041	10390	0.23%	0.019%
33	13.273	1795	1802	1808	rBV	992339	1439279	31.26%	2.652%
34	13.849	1893	1900	1905	rBV	543346	741922	16.11%	1.367%

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35	13.896	1905	1908	1913	rVV	35054	46115	1.00%	0.085%
36	14.131	1942	1948	1951	rBV	675360	1114371	24.20%	2.053%
37	14.160	1951	1953	1960	rVB	596196	702759	15.26%	1.295%
38	14.343	1980	1984	1991	rVB3	13699	17618	0.38%	0.032%
39	14.437	1994	2000	2007	rBV2	471388	698647	15.17%	1.287%
40	14.501	2007	2011	2018	rVB2	3205	7092	0.15%	0.013%
41	14.624	2025	2032	2040	rBV	267033	400588	8.70%	0.738%
42	14.836	2062	2068	2075	rVV	1133987	1618741	35.15%	2.983%
43	15.259	2131	2140	2145	rVV	911301	1176788	25.56%	2.168%
44	15.294	2145	2146	2150	rVV	47334	33775	0.73%	0.062%
45	15.429	2162	2169	2175	rBV	893720	1278141	27.76%	2.355%
46	15.541	2182	2188	2195	rBV	151307	203508	4.42%	0.375%
47	15.670	2206	2210	2213	rBV2	8200	10419	0.23%	0.019%
48	15.794	2225	2231	2237	rBV	55572	73997	1.61%	0.136%
49	16.175	2293	2296	2300	rVB5	5648	7482	0.16%	0.014%
50	16.328	2317	2322	2328	rVB7	8784	15955	0.35%	0.029%
51	16.387	2328	2332	2335	rBV4	5526	7834	0.17%	0.014%
52	16.428	2335	2339	2343	rVB6	7606	11905	0.26%	0.022%
53	16.487	2343	2349	2354	rBV	665827	921665	20.02%	1.698%
54	16.557	2358	2361	2364	rBV2	10974	15615	0.34%	0.029%
55	16.651	2373	2377	2380	rBV	10137	13038	0.28%	0.024%
56	16.722	2387	2389	2395	rVB4	6733	9158	0.20%	0.017%
57	16.827	2401	2407	2417	rBV	771416	1091298	23.70%	2.011%
58	16.945	2424	2427	2430	rBV2	15007	18707	0.41%	0.034%
59	17.180	2457	2467	2472	rBV2	616700	834422	18.12%	1.537%
60	17.221	2472	2474	2478	rVV2	17412	22314	0.48%	0.041%
61	17.280	2478	2484	2487	rVV2	1002663	1543993	33.53%	2.845%
62	17.315	2487	2490	2502	rVB	1549210	2027934	44.04%	3.737%
63	17.585	2529	2536	2544	rBV	1660125	2348444	51.00%	4.327%
64	17.803	2565	2573	2577	rBV6	5373	11730	0.25%	0.022%
65	17.850	2578	2581	2584	rVB5	9191	9159	0.20%	0.017%
66	18.038	2608	2613	2615	rBV3	7419	9859	0.21%	0.018%
67	18.079	2615	2620	2626	rVV3	27104	44373	0.96%	0.082%
68	18.132	2626	2629	2636	rVB4	8215	18402	0.40%	0.034%
69	18.378	2668	2671	2672	rBV2	11238	10640	0.23%	0.020%
70	18.560	2699	2702	2704	rBV4	6428	8008	0.17%	0.015%
71	18.590	2704	2707	2714	rVB	25678	36298	0.79%	0.067%

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72	18.942	2762	2767	2770	rBV5	12012	18426	0.40%	0.034%
73	19.236	2810	2817	2825	rBV	1696735	2294831	49.84%	4.228%
74	19.312	2826	2830	2833	rVV6	4940	7579	0.16%	0.014%
75	19.348	2833	2836	2840	rVB4	10921	15349	0.33%	0.028%
76	19.453	2851	2854	2859	rVB	11813	17648	0.38%	0.033%
77	19.571	2867	2874	2883	rBV	1289305	1716973	37.29%	3.164%
78	20.117	2965	2967	2972	rVB5	8955	12754	0.28%	0.023%
79	20.188	2972	2979	2983	rBV7	8027	18877	0.41%	0.035%
80	20.616	3050	3052	3057	rVB5	7506	9752	0.21%	0.018%
81	20.857	3089	3093	3095	rBV	5519	7645	0.17%	0.014%
82	21.069	3125	3129	3136	rBV	229850	286959	6.23%	0.529%
83	21.151	3140	3143	3151	rVB6	12592	20317	0.44%	0.037%
84	21.274	3160	3164	3170	rBV	1905378	2070464	44.96%	3.815%
85	21.339	3170	3175	3189	rVB2	1651166	2931361	63.66%	5.401%
86	21.962	3277	3281	3293	rBV6	15699	35142	0.76%	0.065%
87	22.173	3311	3317	3323	rBV	1535859	2144321	46.57%	3.951%
88	22.220	3323	3325	3333	rVB2	46715	71494	1.55%	0.132%
89	22.437	3359	3362	3367	rBV5	10431	12514	0.27%	0.023%
90	22.567	3379	3384	3395	rVB	401113	597952	12.99%	1.102%
91	22.896	3437	3440	3445	rVB4	10556	14526	0.32%	0.027%
92	22.966	3448	3452	3457	rVB3	19459	28781	0.63%	0.053%
93	23.512	3536	3545	3559	rBV2	847102	1650034	35.83%	3.040%
94	23.659	3562	3570	3583	rVB2	464336	969753	21.06%	1.787%
95	24.024	3630	3632	3636	rBV5	4171	7579	0.16%	0.014%
96	24.241	3665	3669	3676	rVB5	19591	36976	0.80%	0.068%
97	24.329	3680	3684	3694	rVB10	19547	41046	0.89%	0.076%
98	25.010	3795	3800	3812	rBV10	15226	49715	1.08%	0.092%
99	26.038	3958	3975	3999	rBV3	1395296	4604850	100.00%	8.485%
100	26.755	4083	4097	4113	rBV	748216	2386391	51.82%	4.397%

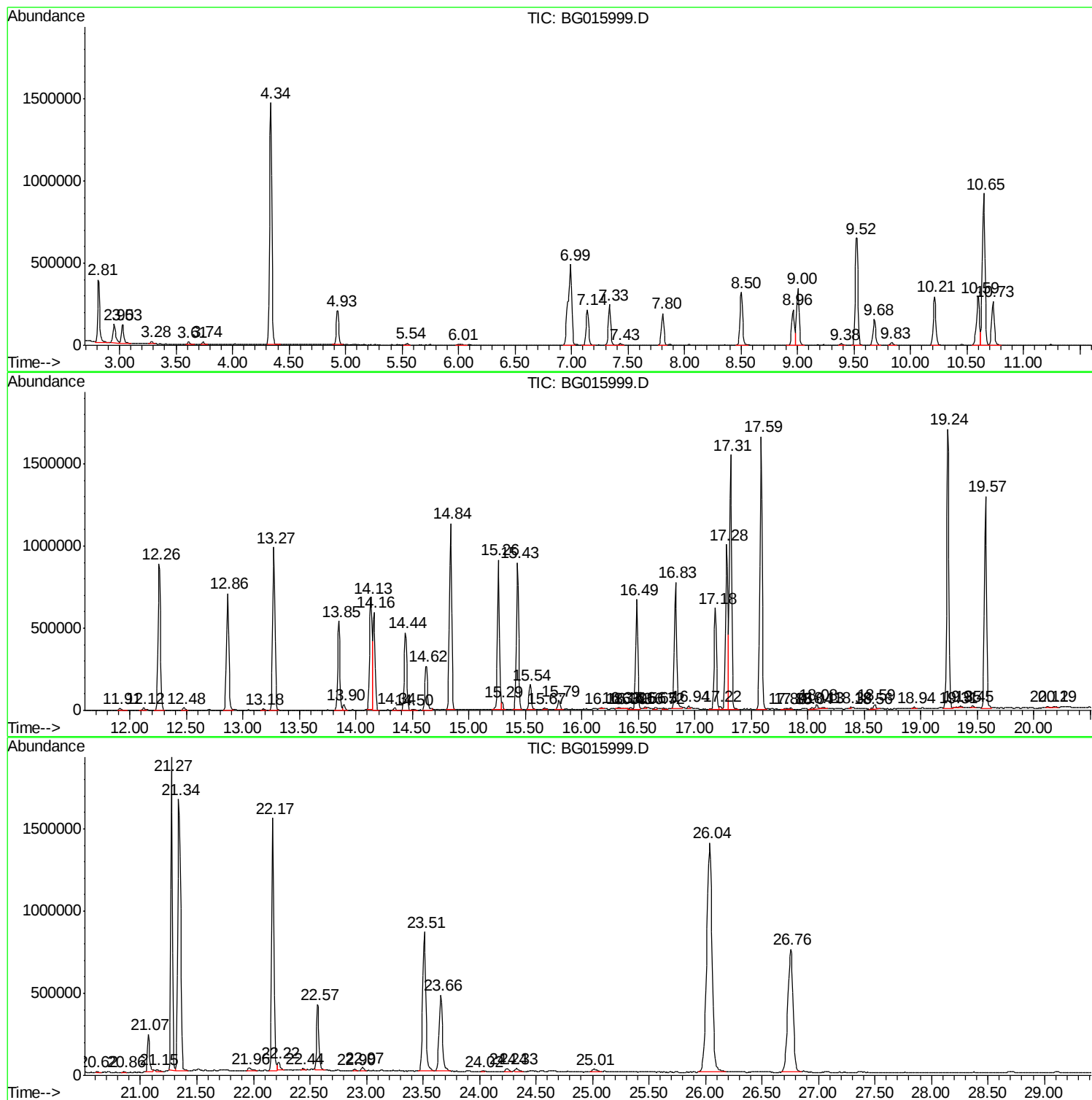
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Instrument :
BNA_G
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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



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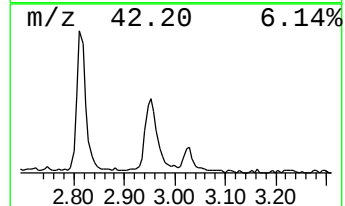
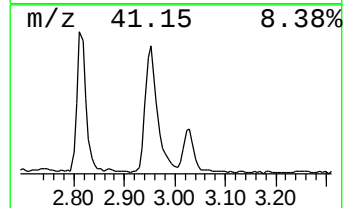
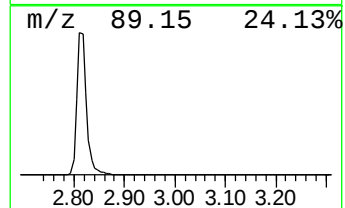
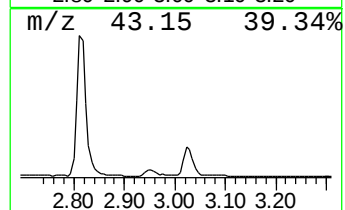
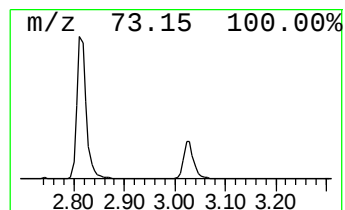
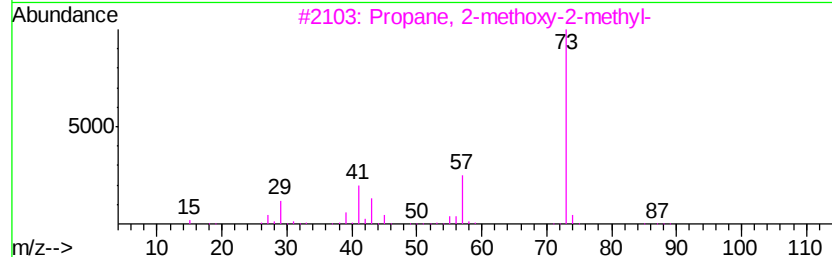
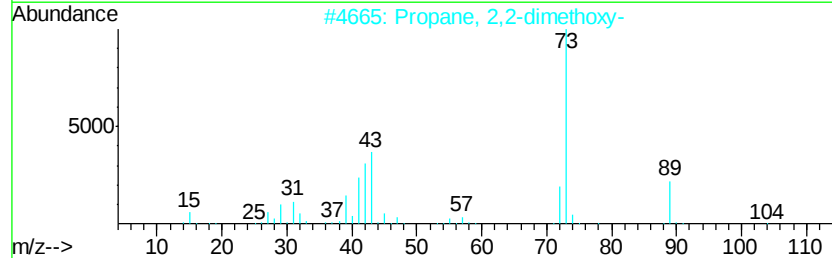
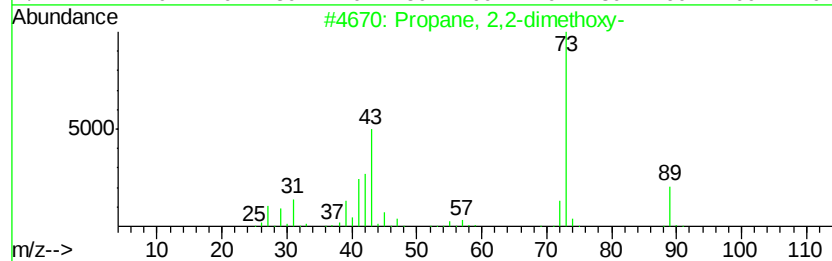
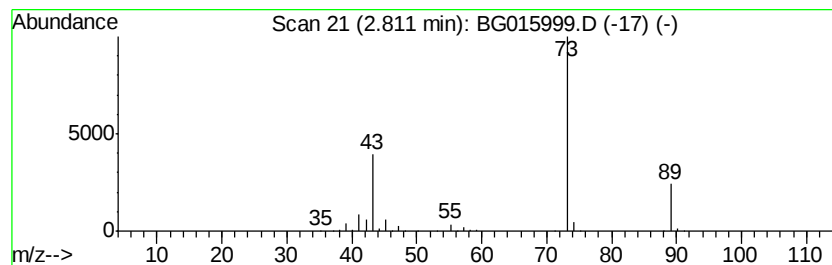
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	32.61 ng/ul	499725	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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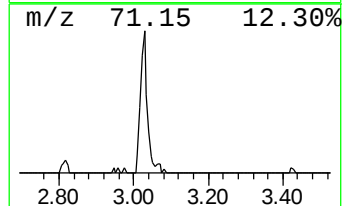
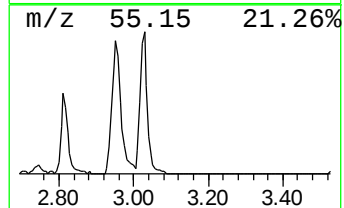
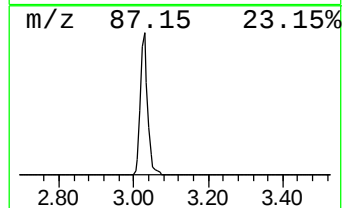
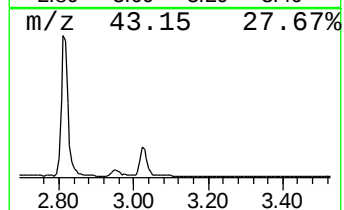
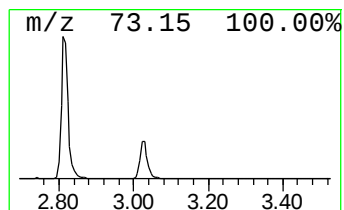
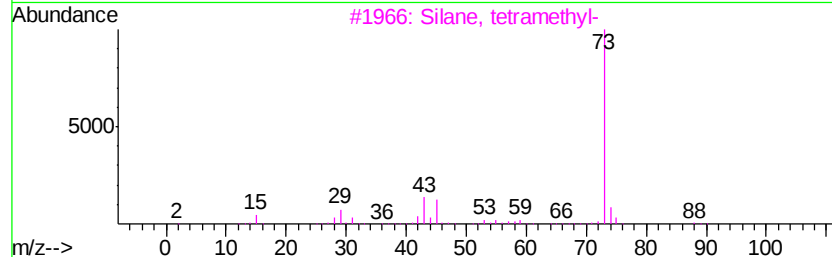
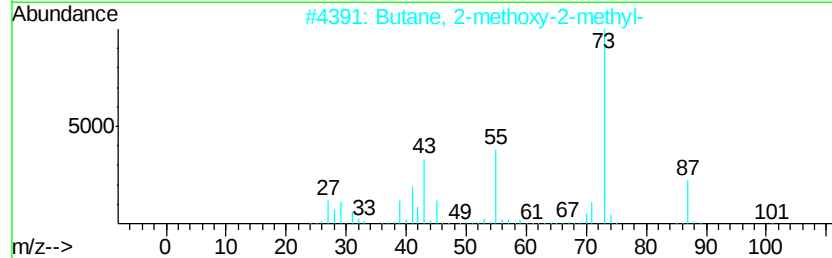
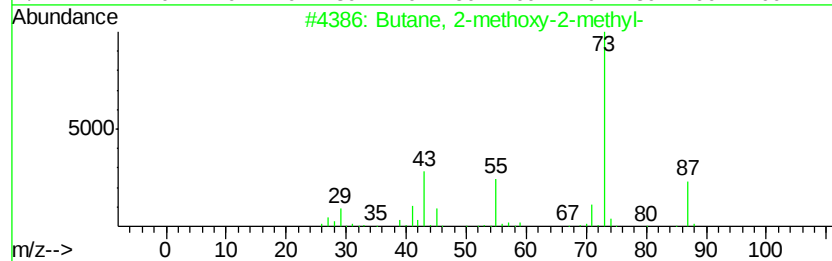
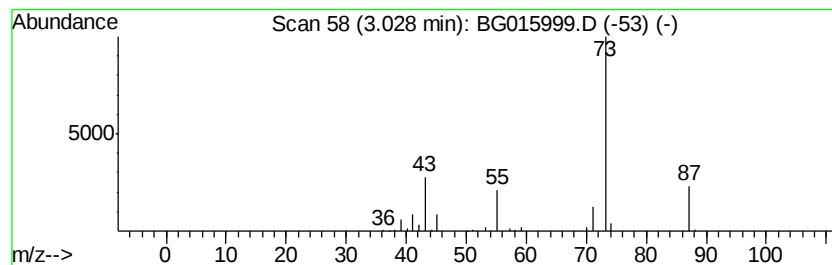
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	10.60 ng/ul	162477	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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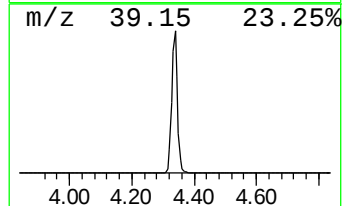
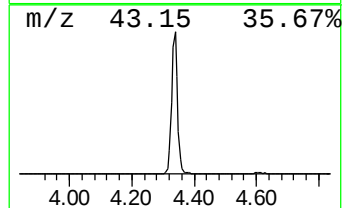
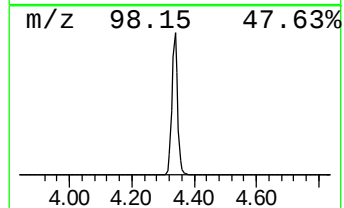
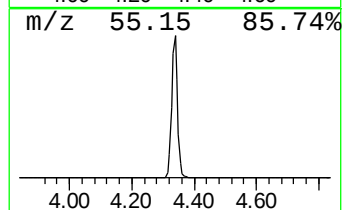
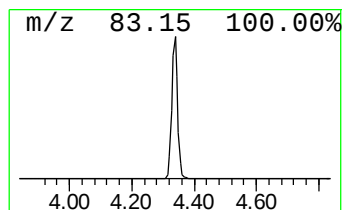
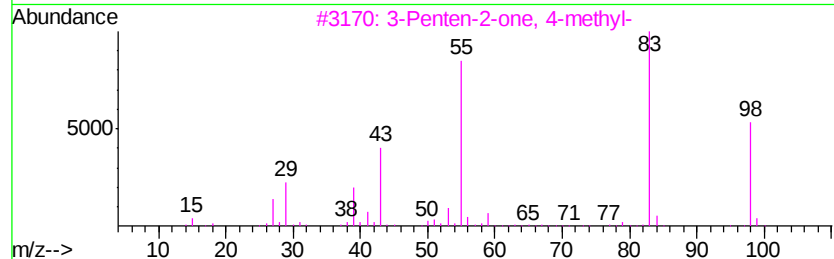
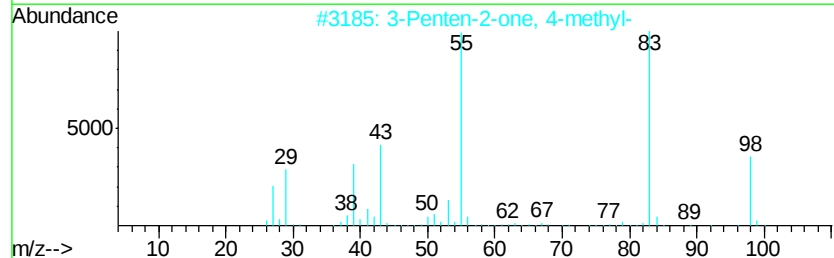
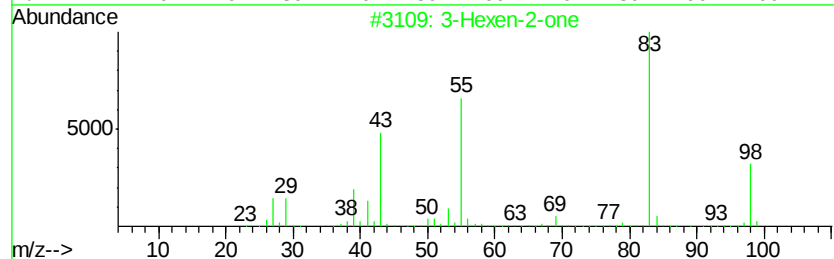
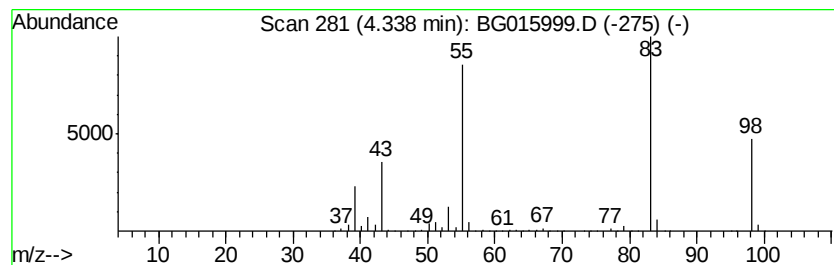
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TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Hexen-2-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	125.66 ng/ul	1925380	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1J30

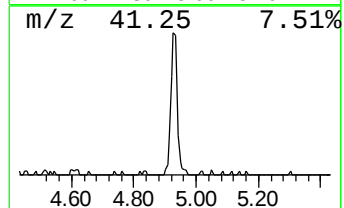
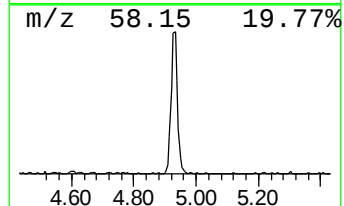
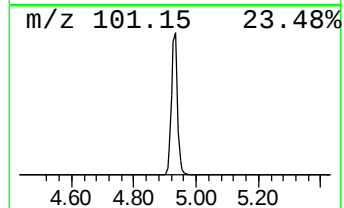
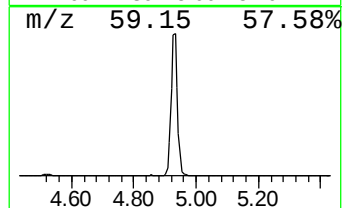
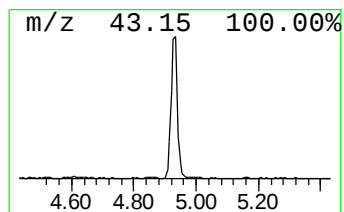
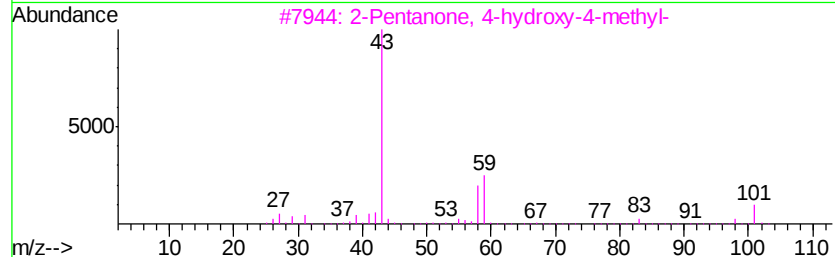
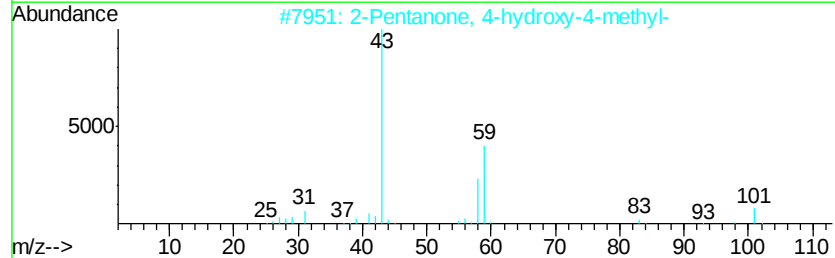
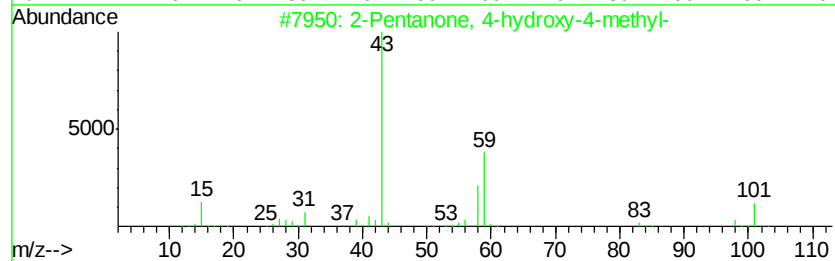
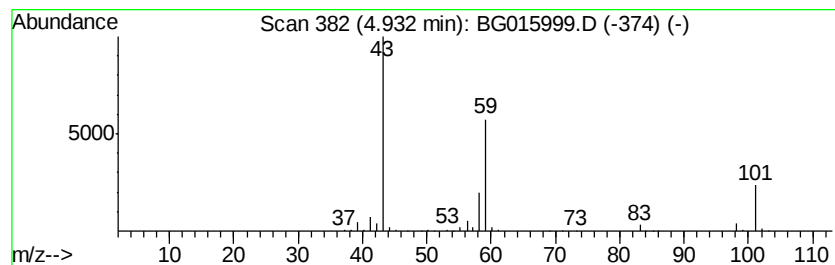
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	19.56 ng/ul	299728	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1J30

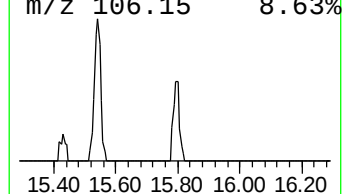
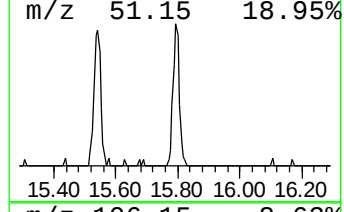
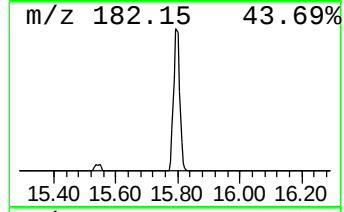
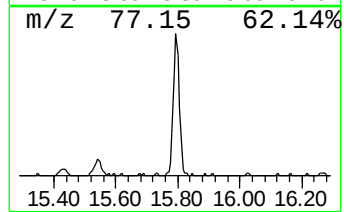
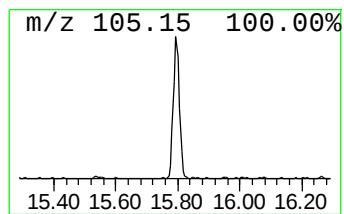
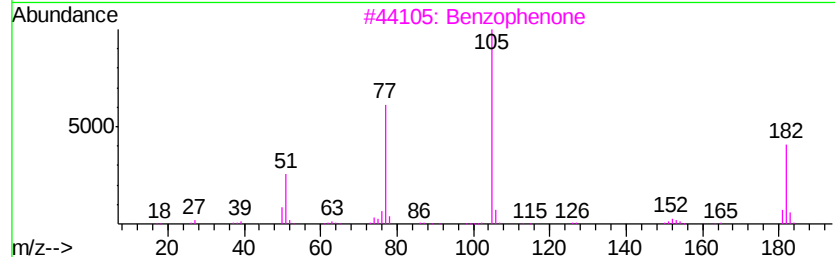
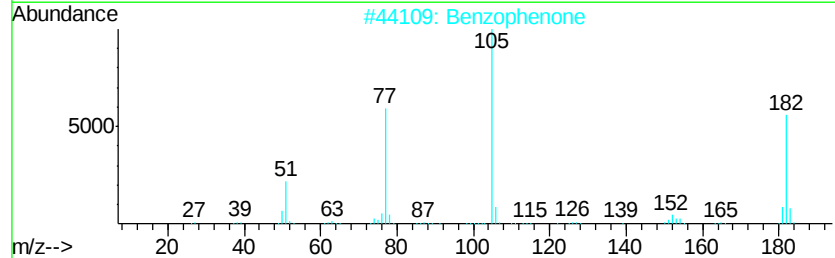
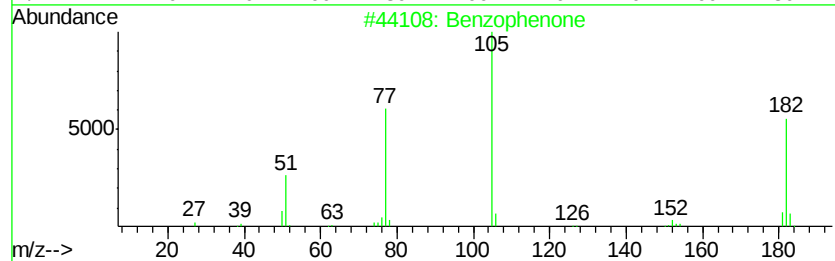
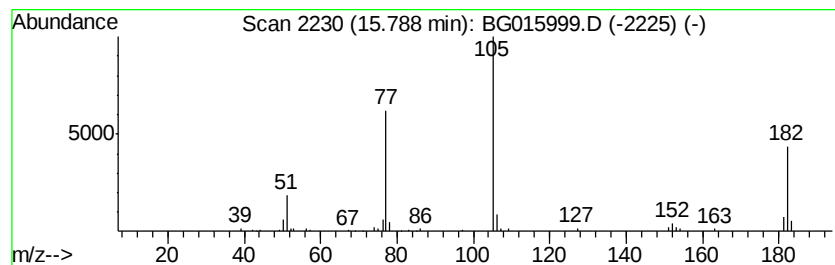
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.12 ng/ul	73997	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	96
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	94
5		Benzophenone	182	C13H10O	000119-61-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1J30

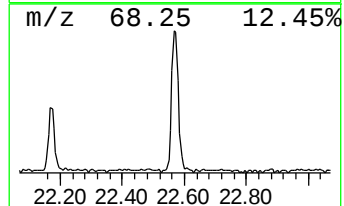
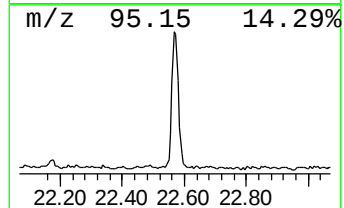
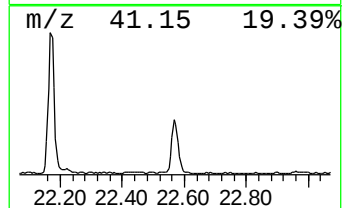
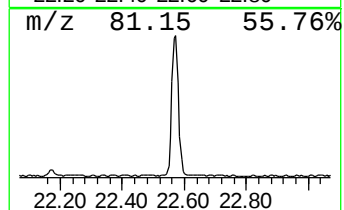
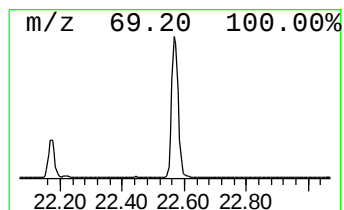
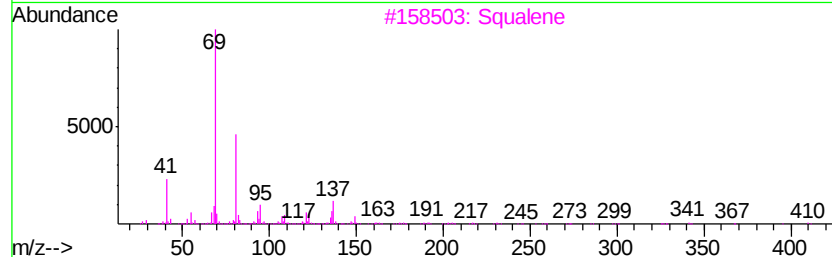
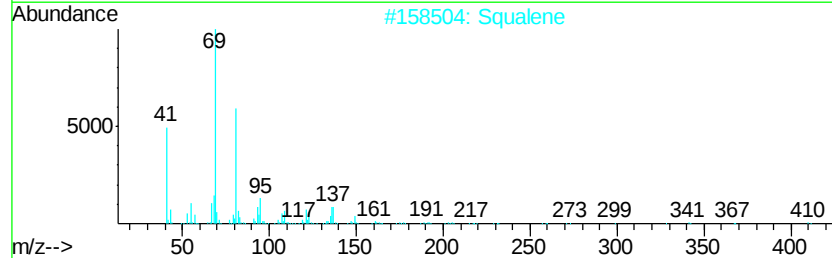
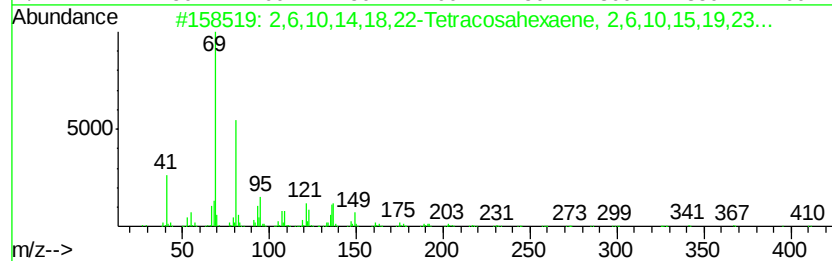
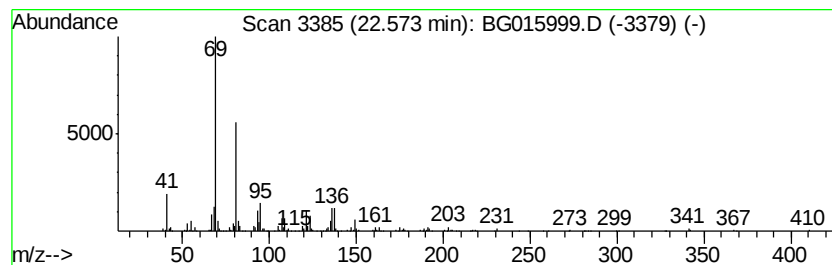
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	12.33 ng/ul	597952	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	96		
2	Squalene	410	C30H50	007683-64-9	94		
3	Squalene	410	C30H50	007683-64-9	91		
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	90		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021715\
Data File : BG015999.D
Acq On : 17 Feb 2015 16:44
Operator : TP/IZ
Sample : G1291-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X1J30

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.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
Propane, 2,2-dime...	2.81	32.6	ng/ul	499725	1	7.80	306452	20.0
Butane, 2-methoxy...	3.03	10.6	ng/ul	162477	1	7.80	306452	20.0
3-Hexen-2-one	4.34	125.7	ng/ul	1925380	1	7.80	306452	20.0
2-Pentanone, 4-hy...	4.93	19.6	ng/ul	299728	1	7.80	306452	20.0
Benzophenone	15.79	2.1	ng/ul	73997	3	14.44	698647	20.0
2,6,10,14,18,22-T...	22.57	12.3	ng/ul	597952	6	23.66	969753	20.0