

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019704.D
 Acq On : 19 Nov 2015 13:43
 Operator : UM/NP
 Sample : G4345-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4HX9

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-BG111615.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	2.937	14	17	23	rVB2	6598	9893	0.75%	0.060%
2	3.084	37	42	51	rBV	43448	79336	5.98%	0.483%
3	3.167	51	56	67	rVB	229030	323096	24.36%	1.967%
4	3.449	100	104	109	rVB3	3318	4898	0.37%	0.030%
5	4.571	291	295	298	rBV3	1213	1721	0.13%	0.010%
6	5.106	382	386	389	rBV3	1509	1877	0.14%	0.011%
7	6.298	585	589	593	rVB2	2426	3917	0.30%	0.024%
8	7.150	732	734	740	rVB	1148	1711	0.13%	0.010%
9	7.297	752	759	770	rVB	79022	142799	10.76%	0.869%
10	7.462	781	787	796	rVB	64701	103200	7.78%	0.628%
11	7.556	796	803	810	rBV	77499	121511	9.16%	0.740%
12	7.673	816	823	837	rBV	77776	144234	10.87%	0.878%
13	8.149	897	904	911	rVB	78299	128637	9.70%	0.783%
14	8.678	986	994	1000	rBV4	39443	95795	7.22%	0.583%
15	8.725	1000	1002	1007	rVB4	3429	4810	0.36%	0.029%
16	8.854	1018	1024	1034	rVB	108812	182891	13.79%	1.113%
17	8.954	1034	1041	1046	rBV	50528	79802	6.02%	0.486%
18	9.248	1083	1091	1097	rBV2	42167	72976	5.50%	0.444%
19	9.318	1097	1103	1111	rVB	83907	144778	10.91%	0.881%
20	9.706	1165	1169	1174	rBV3	3101	3976	0.30%	0.024%
21	9.882	1191	1199	1206	rBV	48586	83193	6.27%	0.506%
22	10.047	1221	1227	1234	rVB	68005	122449	9.23%	0.745%
23	10.194	1245	1252	1253	rBV2	1870	2813	0.21%	0.017%
24	10.370	1275	1282	1292	rVB	105986	176273	13.29%	1.073%
25	10.593	1311	1320	1331	rBV3	116242	271688	20.48%	1.654%
26	10.981	1379	1386	1390	rBV	106456	189029	14.25%	1.151%
27	11.028	1390	1394	1401	rVB	34366	57630	4.34%	0.351%
28	11.110	1401	1408	1421	rBV2	83507	176479	13.30%	1.074%
29	12.550	1651	1653	1656	rBV	1411	1758	0.13%	0.011%
30	12.749	1683	1687	1688	rBV	1413	1724	0.13%	0.010%
31	12.843	1696	1703	1712	rVB	92820	153168	11.55%	0.932%
32	12.985	1718	1727	1733	rVB2	95744	247480	18.66%	1.507%
33	13.137	1749	1753	1758	rBV3	6307	8590	0.65%	0.052%
34	13.296	1774	1780	1787	rBV	115496	184546	13.91%	1.123%

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35	13.384	1789	1795	1799	rVB2	13003	18936	1.43%	0.115%
36	13.590	1826	1830	1836	rVB2	9303	12160	0.92%	0.074%
37	13.666	1836	1843	1850	rVB	156880	244457	18.43%	1.488%
38	13.930	1883	1888	1893	rBV2	2084	4058	0.31%	0.025%
39	14.107	1913	1918	1922	rVB2	1716	2324	0.18%	0.014%
40	14.177	1922	1930	1934	rBV	252116	363334	27.39%	2.212%
41	14.224	1934	1938	1944	rVV	98320	134218	10.12%	0.817%
42	14.283	1944	1948	1951	rVV3	2552	3742	0.28%	0.023%
43	14.353	1954	1960	1965	rBV	131652	196724	14.83%	1.198%
44	14.400	1965	1968	1969	rVV	4459	3986	0.30%	0.024%
45	14.418	1969	1971	1975	rVV3	6436	7088	0.53%	0.043%
46	14.483	1975	1982	1995	rVB2	251550	500045	37.70%	3.044%
47	14.653	2006	2011	2015	rVB3	24277	31325	2.36%	0.191%
48	14.724	2021	2023	2025	rBV3	2243	2440	0.18%	0.015%
49	14.782	2027	2033	2040	rVV3	208053	327071	24.66%	1.991%
50	14.847	2041	2044	2049	rVB2	8900	11549	0.87%	0.070%
51	14.900	2049	2053	2055	rBV3	2941	4520	0.34%	0.028%
52	14.970	2059	2065	2073	rBV	113802	185080	13.95%	1.127%
53	15.094	2081	2086	2088	rBV4	8309	11678	0.88%	0.071%
54	15.135	2088	2093	2097	rVV2	60907	98231	7.41%	0.598%
55	15.176	2097	2100	2112	rVV	89323	138483	10.44%	0.843%
56	15.264	2112	2115	2122	rVV5	7420	12128	0.91%	0.074%
57	15.335	2125	2127	2131	rVB3	6041	6605	0.50%	0.040%
58	15.552	2159	2164	2167	rBV4	6318	10962	0.83%	0.067%
59	15.599	2167	2172	2178	rVB	40845	53908	4.06%	0.328%
60	15.646	2178	2180	2181	rBV2	1851	1843	0.14%	0.011%
61	15.769	2195	2201	2205	rBV	384739	582182	43.89%	3.544%
62	15.822	2205	2210	2216	rVV2	312999	565844	42.66%	3.445%
63	15.881	2216	2220	2227	rVB2	94662	132298	9.97%	0.805%
64	16.004	2234	2241	2245	rBV6	14301	28276	2.13%	0.172%
65	16.040	2245	2247	2251	rVB3	2871	3057	0.23%	0.019%
66	16.222	2274	2278	2281	rVB4	8806	9032	0.68%	0.055%
67	16.287	2287	2289	2290	rBV2	2309	1610	0.12%	0.010%
68	16.410	2305	2310	2313	rBV7	4571	9343	0.70%	0.057%
69	16.457	2314	2318	2322	rBV2	36177	53814	4.06%	0.328%
70	16.586	2337	2340	2344	rBV	12341	14882	1.12%	0.091%
71	16.645	2346	2350	2355	rVV7	14947	27210	2.05%	0.166%

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72	16.704	2355	2360	2366	rVV2	163866	232662	17.54%	1.416%
73	16.757	2366	2369	2372	rVB4	6817	8074	0.61%	0.049%
74	16.827	2373	2381	2389	rVB	139655	218437	16.47%	1.330%
75	16.915	2390	2396	2400	rVB5	17516	30850	2.33%	0.188%
76	16.974	2401	2406	2410	rBV2	18955	29711	2.24%	0.181%
77	17.174	2434	2440	2447	rBV	168765	260857	19.66%	1.588%
78	17.250	2449	2453	2458	rBV3	23523	34769	2.62%	0.212%
79	17.520	2492	2499	2506	rBV	333868	519155	39.14%	3.160%
80	17.620	2511	2516	2520	rVV2	489527	773814	58.33%	4.711%
81	17.656	2520	2522	2528	rVB	164412	204166	15.39%	1.243%
82	17.779	2540	2543	2546	rBV3	7234	11779	0.89%	0.072%
83	17.855	2554	2556	2557	rBV2	4994	3465	0.26%	0.021%
84	17.920	2561	2567	2575	rVB	160925	253653	19.12%	1.544%
85	18.460	2657	2659	2663	rVB2	15275	15417	1.16%	0.094%
86	19.236	2787	2791	2798	rBV2	57391	94038	7.09%	0.572%
87	19.777	2879	2883	2889	rVB2	51829	74325	5.60%	0.452%
88	19.894	2898	2903	2912	rVB	682006	1017171	76.68%	6.192%
89	20.299	2969	2972	2977	rVB	53796	64413	4.86%	0.392%
90	20.787	3050	3055	3060	rVB2	419770	540488	40.74%	3.290%
91	21.040	3095	3098	3102	rVB	85652	97438	7.35%	0.593%
92	21.110	3107	3110	3116	rVB2	33064	41892	3.16%	0.255%
93	21.398	3155	3159	3167	rVB2	77202	110105	8.30%	0.670%
94	21.551	3182	3185	3194	rVB2	51091	68262	5.15%	0.416%
95	21.786	3217	3225	3233	rBV2	532436	1326543	100.00%	8.076%
96	22.891	3407	3413	3421	rVB	288592	479396	36.14%	2.918%
97	24.048	3602	3610	3617	rBV	269604	675807	50.94%	4.114%
98	24.119	3617	3622	3633	rVB	157959	357264	26.93%	2.175%
99	24.882	3742	3752	3765	rVB	359981	1009665	76.11%	6.146%
100	25.106	3782	3790	3804	rVB2	250091	729952	55.03%	4.444%

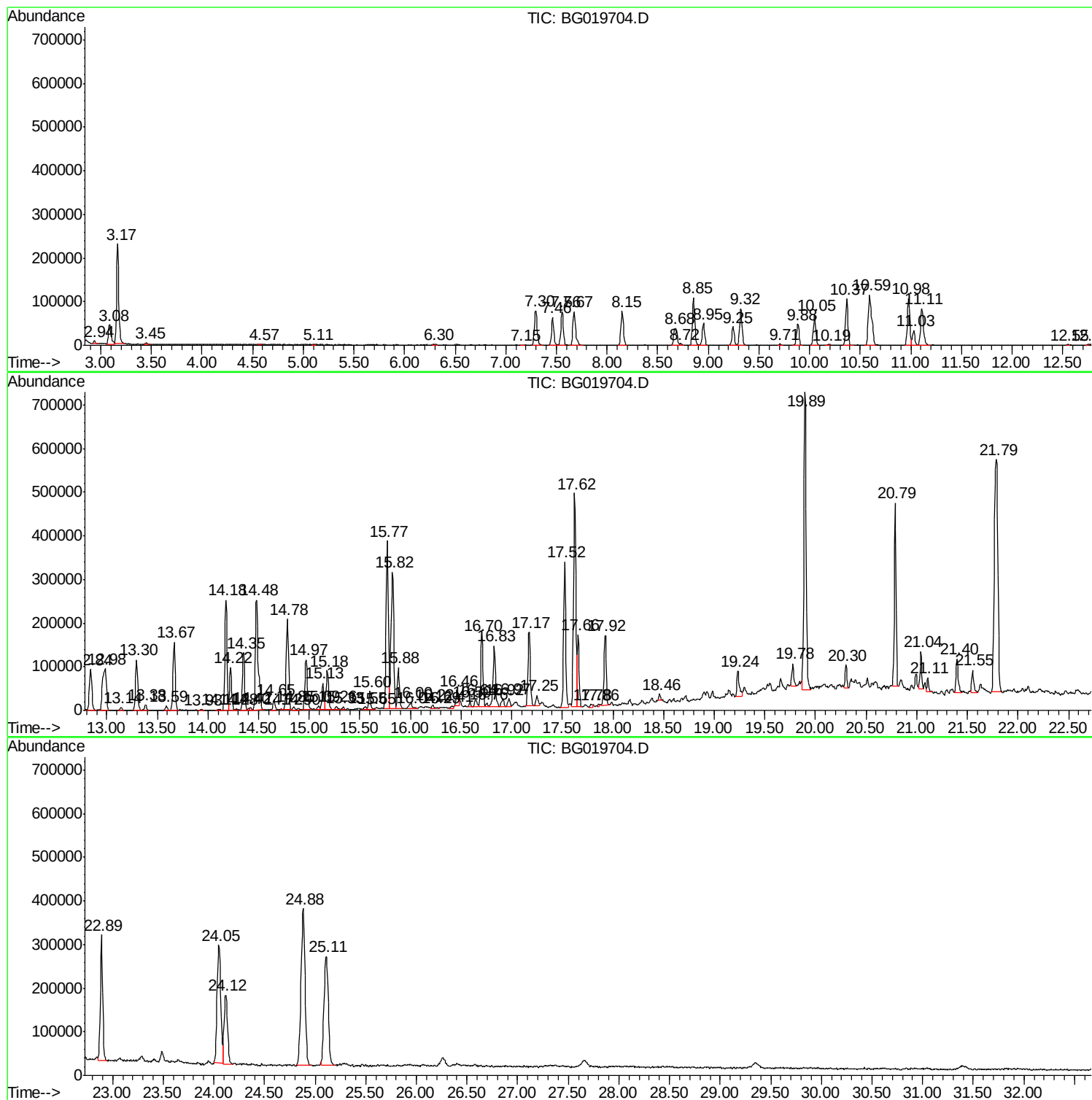
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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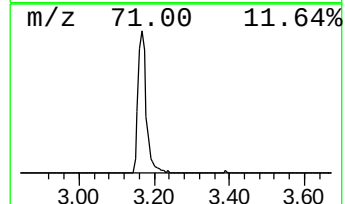
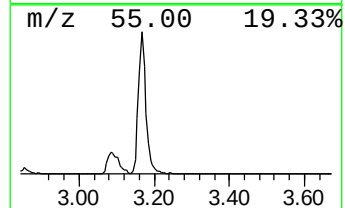
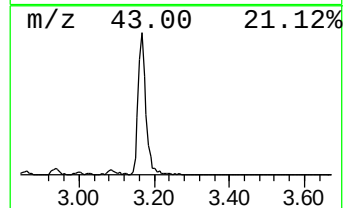
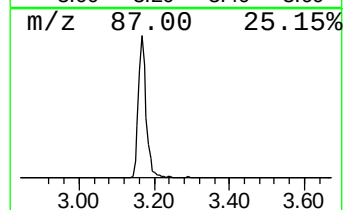
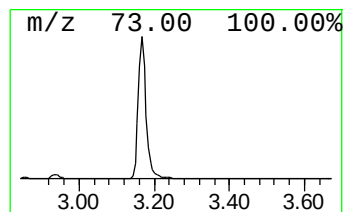
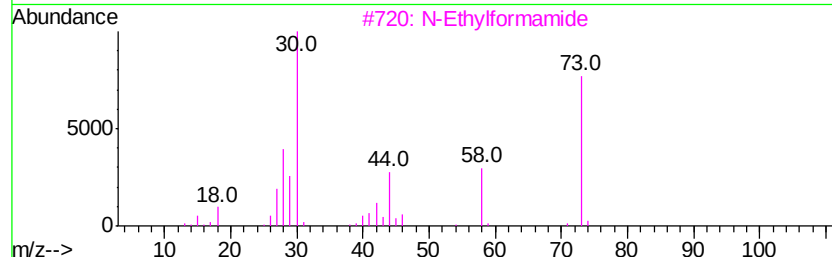
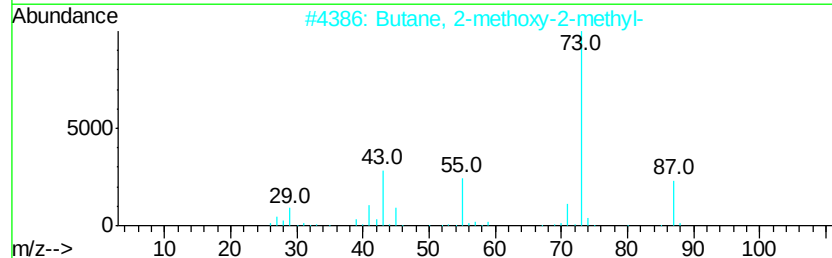
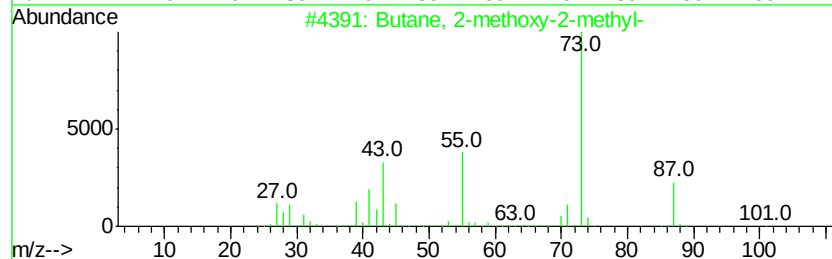
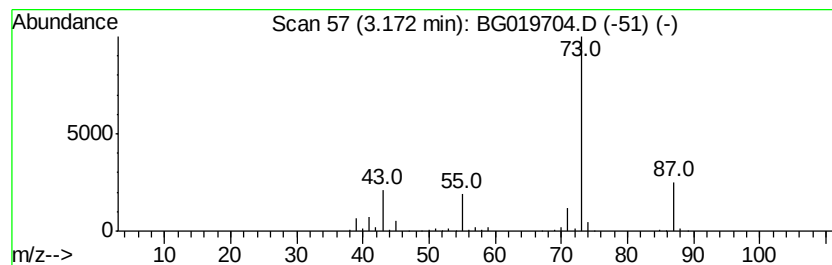
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	50.23 ng/ul	323096	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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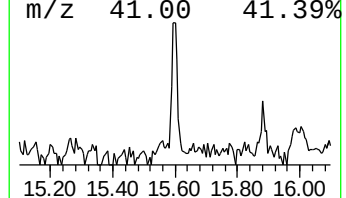
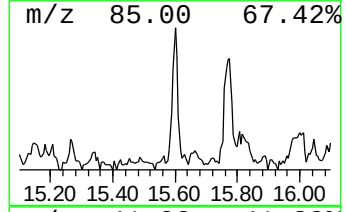
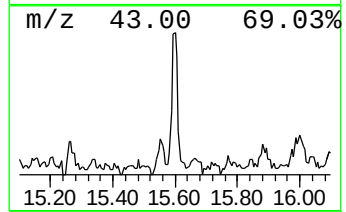
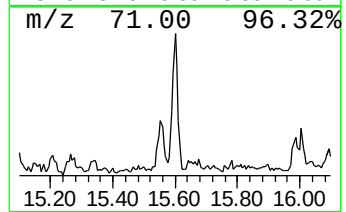
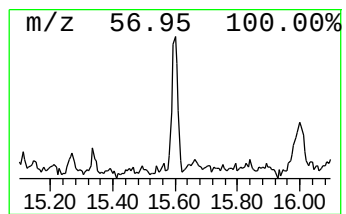
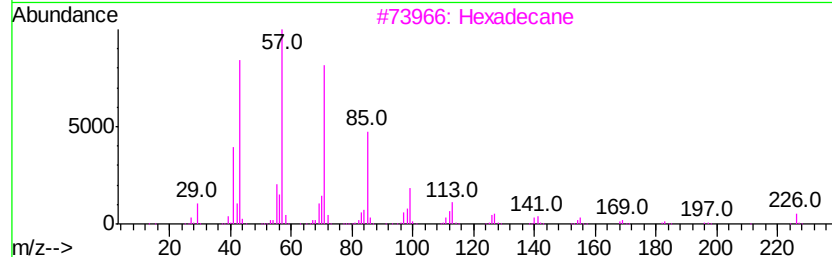
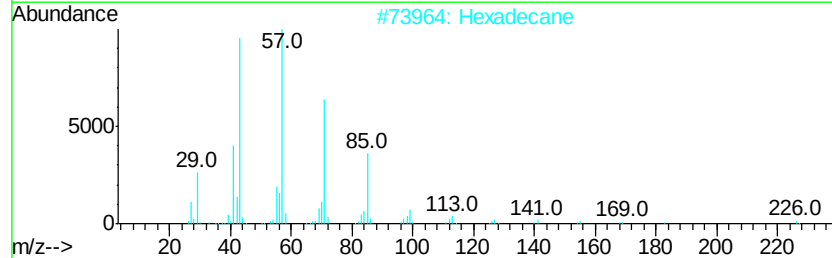
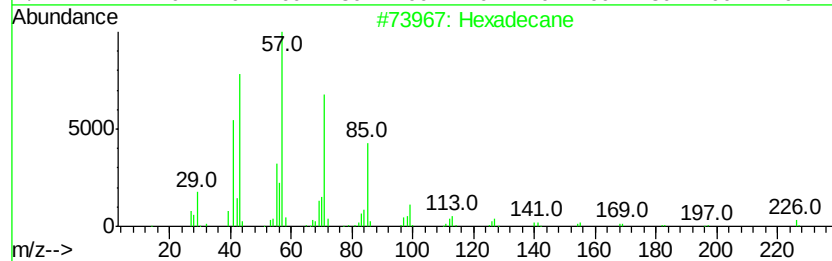
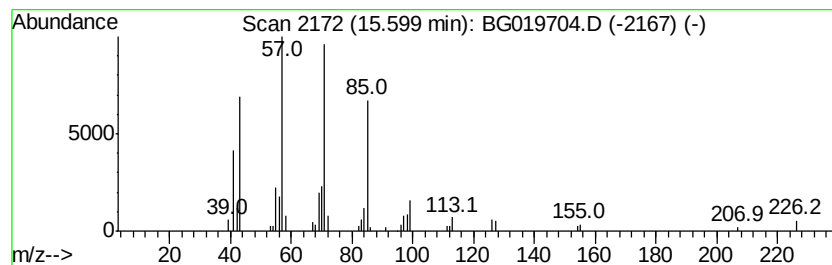
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	3.30 ng/ul	53908	Acenaphthene-d10	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



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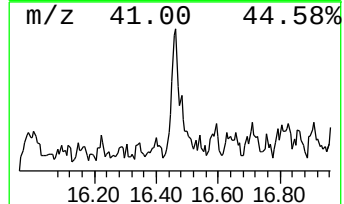
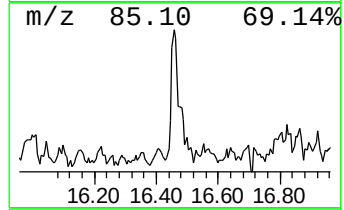
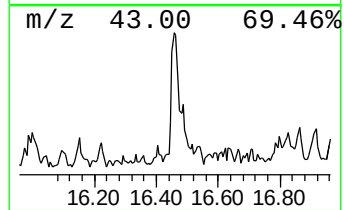
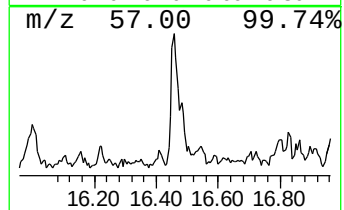
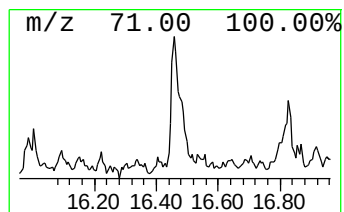
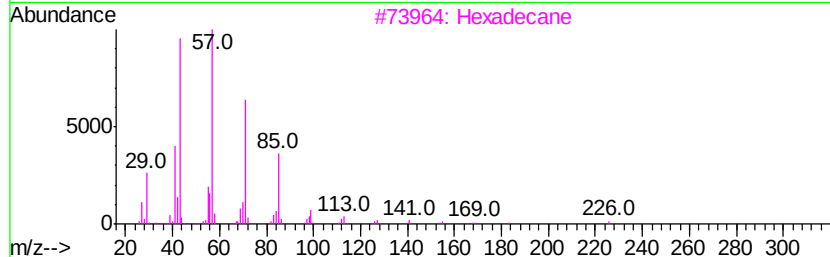
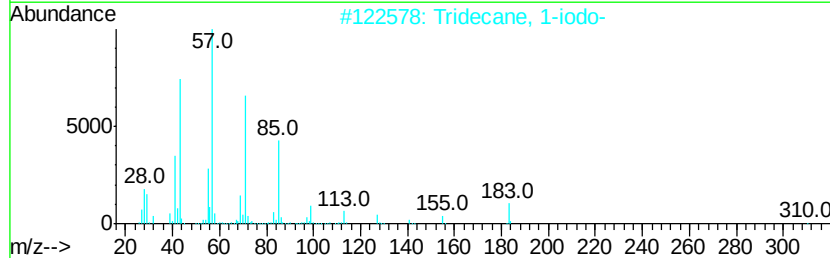
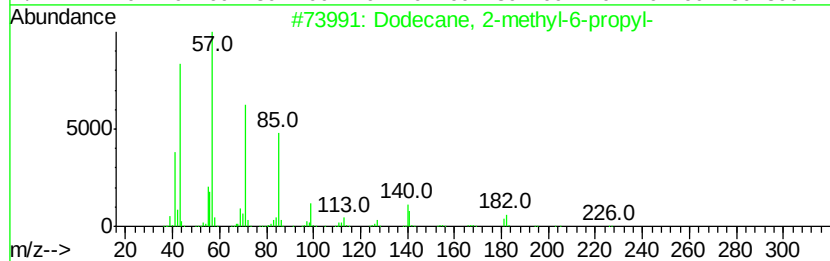
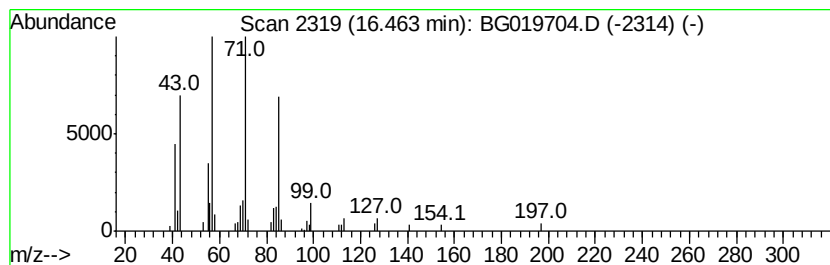
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.46	2.07 ng/ul	53814	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78



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Operator : UM/NP
Sample : G4345-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4HX9

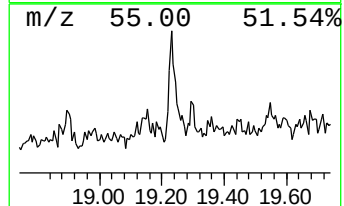
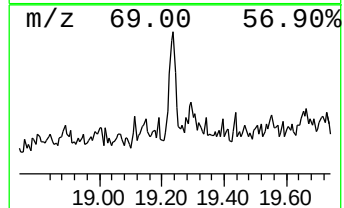
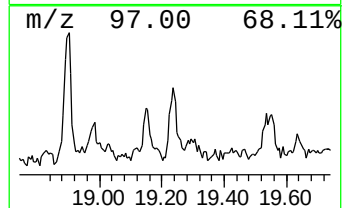
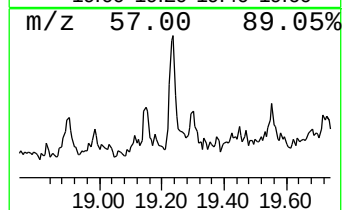
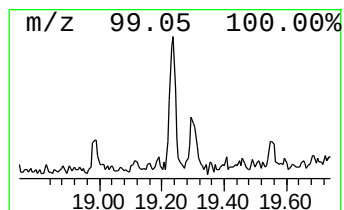
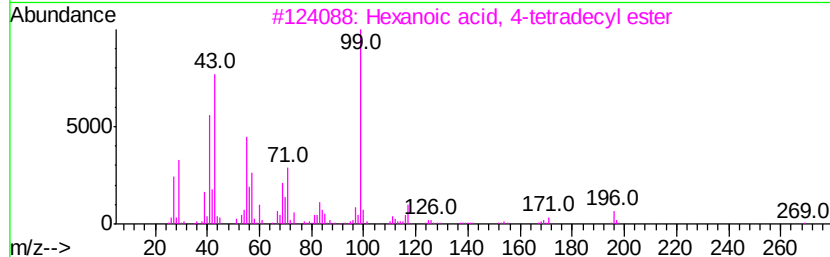
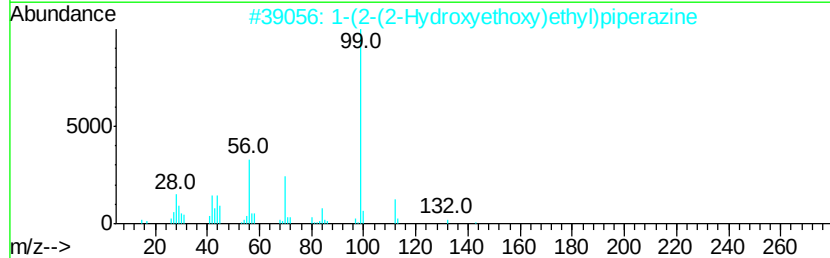
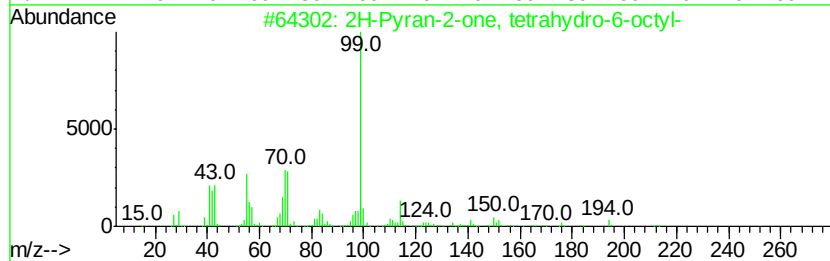
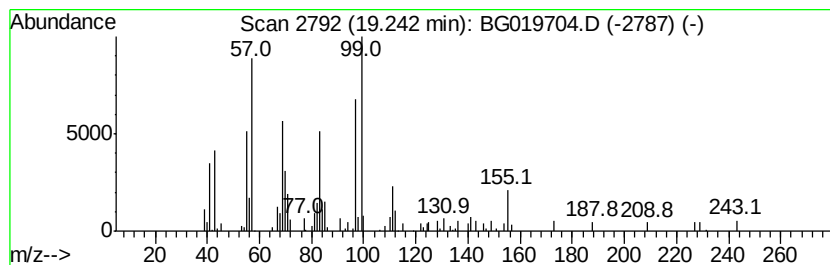
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.62 ng/ul	94038	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	35
2		1-(2-(2-Hydroxyethoxy)ethyl)piperazine	174	C8H18N2O2	013349-82-1	35
3		Hexanoic acid, 4-tetradecyl ester	312	C20H40O2	1000279-29-8	35
4		Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	27
5		2-Propylthiazole	127	C6H9NS	017626-75-4	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111915\
Data File : BG019704.D
Acq On : 19 Nov 2015 13:43
Operator : UM/NP
Sample : G4345-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4HX9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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
Butane, 2-methoxy...	3.17	50.2	ng/ul	323096	1	8.15	128637	20.0
(DEL) Alkane: Str...	15.60	3.3	ng/ul	53908	3	14.78	327071	20.0
(DEL) Alkane: Str...	16.46	2.1	ng/ul	53814	4	17.53	519155	20.0
unknown-01	19.24	3.6	ng/ul	94038	4	17.53	519155	20.0