

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
 Data File : BG025256.D
 Acq On : 17 Dec 2016 2:30
 Operator : UM/SJ
 Sample : H6040-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8W8

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-BG113016.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	3.214	60	64	69	rVB7	11471	18556	1.20%	0.101%
2	3.267	69	73	81	rVB3	17507	35904	2.32%	0.195%
3	3.367	84	90	97	rVB8	10911	27105	1.75%	0.148%
4	3.432	98	101	107	rVB8	4971	8253	0.53%	0.045%
5	3.590	122	128	137	rVB8	14296	34014	2.19%	0.185%
6	3.872	171	176	178	rVB4	4870	8225	0.53%	0.045%
7	4.019	198	201	207	rBV6	4704	10143	0.65%	0.055%
8	4.125	214	219	227	rVB4	15848	23611	1.52%	0.129%
9	4.354	253	258	264	rVB6	7294	13272	0.86%	0.072%
10	4.572	291	295	300	rVB4	5183	10062	0.65%	0.055%
11	4.689	308	315	319	rBV3	33136	64720	4.18%	0.352%
12	5.100	381	385	389	rVB3	4602	7440	0.48%	0.040%
13	5.300	414	419	425	rBV4	22884	43823	2.83%	0.239%
14	5.388	429	434	441	rVB7	6195	16168	1.04%	0.088%
15	5.494	447	452	456	rBV6	7155	11288	0.73%	0.061%
16	5.923	521	525	530	rVB5	10675	18605	1.20%	0.101%
17	5.982	530	535	538	rBV6	4919	8742	0.56%	0.048%
18	6.264	579	583	589	rBV5	4473	7588	0.49%	0.041%
19	6.828	674	679	683	rBV5	5254	7695	0.50%	0.042%
20	7.298	756	759	762	rBV5	6259	6872	0.44%	0.037%
21	7.345	762	767	768	rVV4	5886	7822	0.50%	0.043%
22	7.398	768	776	790	rVB	209619	463440	29.90%	2.522%
23	7.550	795	802	810	rBV	151331	258768	16.70%	1.408%
24	7.633	814	816	822	rBV4	6280	9561	0.62%	0.052%
25	7.768	830	839	851	rVB	214727	422087	27.23%	2.297%
26	7.868	851	856	860	rBV5	4836	10555	0.68%	0.057%
27	7.921	862	865	873	rVB3	6319	10859	0.70%	0.059%
28	8.162	902	906	911	rVB3	7561	7811	0.50%	0.043%
29	8.232	911	918	926	rBV	313689	561146	36.20%	3.054%
30	8.543	966	971	978	rVB6	5111	13504	0.87%	0.073%
31	8.949	1033	1040	1051	rBV	233237	420002	27.10%	2.286%
32	9.078	1058	1062	1067	rVB7	6243	10962	0.71%	0.060%
33	9.166	1073	1077	1083	rVB5	4777	9701	0.63%	0.053%
34	9.325	1102	1104	1109	rVB4	4245	7119	0.46%	0.039%

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35	9.413	1109	1119	1130	rBV	198748	388032	25.04%	2.112%
36	9.542	1138	1141	1144	rVB4	5448	6972	0.45%	0.038%
37	9.730	1167	1173	1178	rVB6	9669	18813	1.21%	0.102%
38	9.854	1189	1194	1197	rVV6	5330	10674	0.69%	0.058%
39	9.971	1211	1214	1222	rVB7	5243	11544	0.74%	0.063%
40	10.136	1235	1242	1252	rBV	189277	346686	22.37%	1.887%
41	10.359	1274	1280	1283	rBV4	5861	14154	0.91%	0.077%
42	10.688	1329	1336	1347	rVV	249273	496375	32.03%	2.702%
43	10.811	1352	1357	1362	rBV6	7450	13086	0.84%	0.071%
44	10.976	1378	1385	1388	rVB5	8885	15520	1.00%	0.084%
45	11.064	1389	1400	1412	rVB	384654	743044	47.94%	4.044%
46	11.205	1412	1424	1436	rBV3	141039	332932	21.48%	1.812%
47	11.375	1449	1453	1457	rBV6	6582	10320	0.67%	0.056%
48	11.722	1504	1512	1515	rBV6	5114	10883	0.70%	0.059%
49	11.845	1525	1533	1535	rBV7	10703	22051	1.42%	0.120%
50	11.892	1537	1541	1544	rBV4	7706	12226	0.79%	0.067%
51	12.010	1556	1561	1566	rBV6	9429	18420	1.19%	0.100%
52	12.280	1600	1607	1608	rBV2	5718	7030	0.45%	0.038%
53	12.357	1615	1620	1624	rVB6	6327	10119	0.65%	0.055%
54	12.409	1624	1629	1633	rBV4	14300	24561	1.58%	0.134%
55	12.527	1645	1649	1654	rVV7	4584	8411	0.54%	0.046%
56	12.627	1662	1666	1670	rVB3	5539	6991	0.45%	0.038%
57	12.692	1670	1677	1680	rBV6	6048	10721	0.69%	0.058%
58	12.815	1694	1698	1704	rVB7	8233	12767	0.82%	0.069%
59	12.868	1704	1707	1711	rBV5	6480	10656	0.69%	0.058%
60	12.927	1712	1717	1720	rBV6	4468	7436	0.48%	0.040%
61	13.091	1741	1745	1747	rVV4	5572	7830	0.51%	0.043%
62	13.126	1747	1751	1754	rVB4	6542	9262	0.60%	0.050%
63	13.197	1759	1763	1773	rVB8	9747	18590	1.20%	0.101%
64	13.297	1773	1780	1783	rBV8	6796	15540	1.00%	0.085%
65	13.338	1783	1787	1794	rVB7	15663	26510	1.71%	0.144%
66	13.397	1794	1797	1800	rBV4	5975	8104	0.52%	0.044%
67	13.432	1801	1803	1810	rVB4	4747	7328	0.47%	0.040%
68	13.632	1825	1837	1842	rBV8	17030	45705	2.95%	0.249%
69	13.690	1842	1847	1851	rBV7	10820	18574	1.20%	0.101%
70	13.831	1869	1871	1876	rVB5	7770	9085	0.59%	0.049%
71	14.043	1901	1907	1911	rBV9	8746	18016	1.16%	0.098%

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72	14.166	1924	1928	1930	rBV4	8933	10722	0.69%	0.058%
73	14.249	1935	1942	1947	rBV	446236	702499	45.32%	3.824%
74	14.296	1947	1950	1957	rVB2	104228	160739	10.37%	0.875%
75	14.407	1964	1969	1970	rVB3	9935	11668	0.75%	0.064%
76	14.554	1988	1994	2004	rBV	491682	775825	50.05%	4.223%
77	14.689	2014	2017	2025	rVB3	28191	48587	3.13%	0.264%
78	14.777	2029	2032	2034	rBV4	6236	7442	0.48%	0.041%
79	14.854	2034	2045	2053	rVV	616697	1024785	66.12%	5.578%
80	15.083	2077	2084	2097	rBV3	181787	396081	25.55%	2.156%
81	15.230	2105	2109	2118	rVB10	29593	64289	4.15%	0.350%
82	15.318	2119	2124	2131	rVB10	18624	41377	2.67%	0.225%
83	15.377	2131	2134	2137	rBV5	9021	12493	0.81%	0.068%
84	15.441	2142	2145	2146	rBV3	12503	12177	0.79%	0.066%
85	15.641	2169	2179	2186	rBV	69121	116006	7.48%	0.631%
86	15.841	2206	2213	2224	rBV	697623	1090130	70.33%	5.933%
87	15.976	2230	2236	2242	rBV2	223328	368966	23.81%	2.008%
88	16.041	2243	2247	2252	rVB6	32780	49370	3.19%	0.269%
89	16.270	2283	2286	2289	rBV5	15225	17694	1.14%	0.096%
90	16.334	2293	2297	2299	rBV4	9809	16010	1.03%	0.087%
91	16.499	2321	2325	2335	rBV5	70354	164540	10.62%	0.896%
92	17.292	2456	2460	2464	rVB2	40890	46765	3.02%	0.255%
93	17.603	2506	2513	2523	rBV2	683823	1142411	73.71%	6.218%
94	17.697	2523	2529	2538	rVB2	612458	977417	63.06%	5.320%
95	18.026	2582	2585	2594	rVB9	40697	79526	5.13%	0.433%
96	18.432	2650	2654	2658	rBV3	121227	167210	10.79%	0.910%
97	19.971	2911	2916	2928	rBV2	817661	1549948	100.00%	8.436%
98	21.892	3238	3243	3251	rVB	796516	1385916	89.42%	7.543%
99	25.083	3780	3786	3796	rVB	460672	1215631	78.43%	6.616%
100	25.324	3821	3827	3837	rVB	488221	1366428	88.16%	7.437%

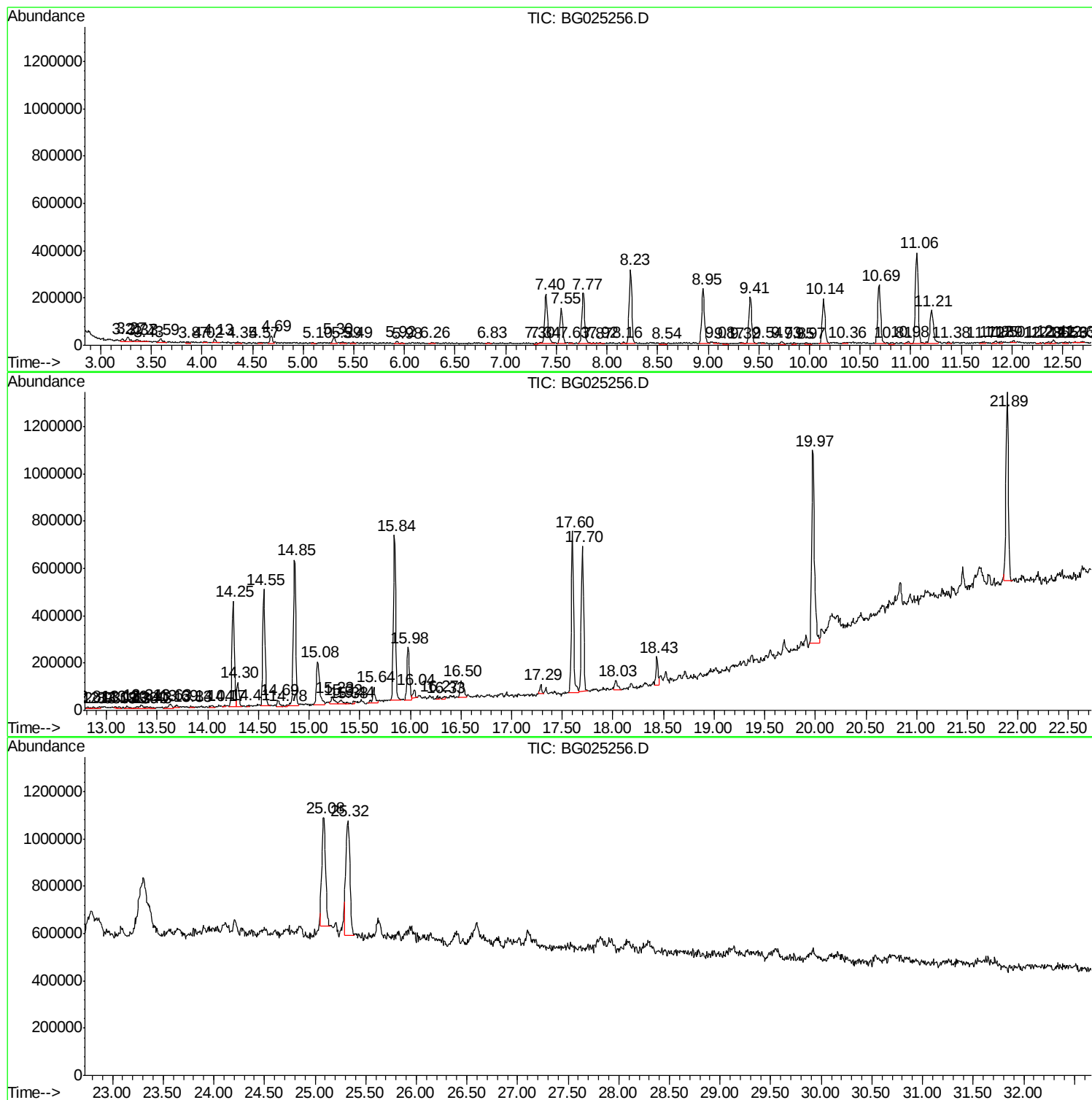
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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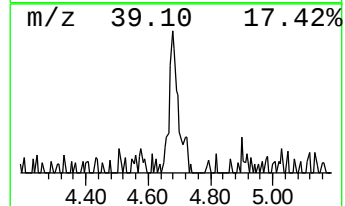
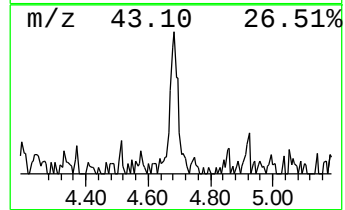
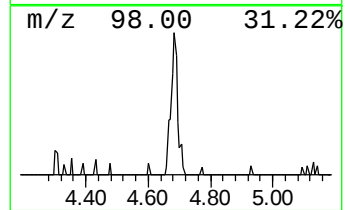
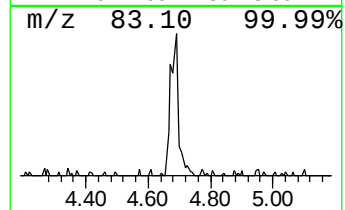
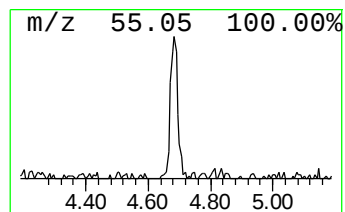
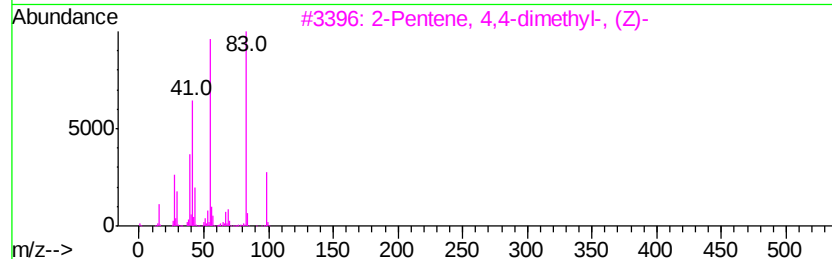
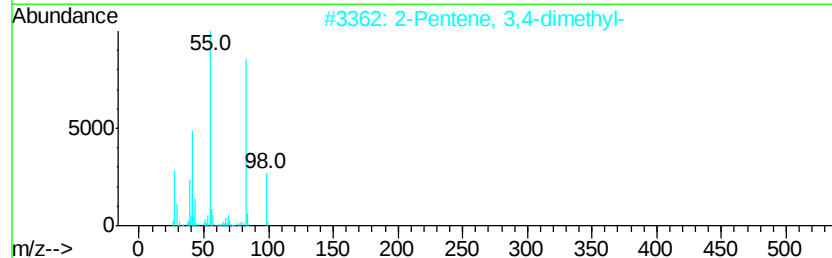
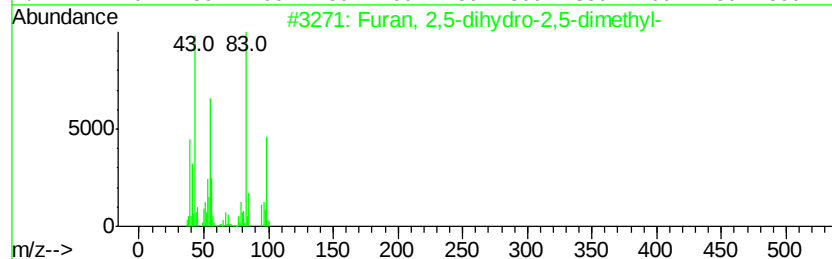
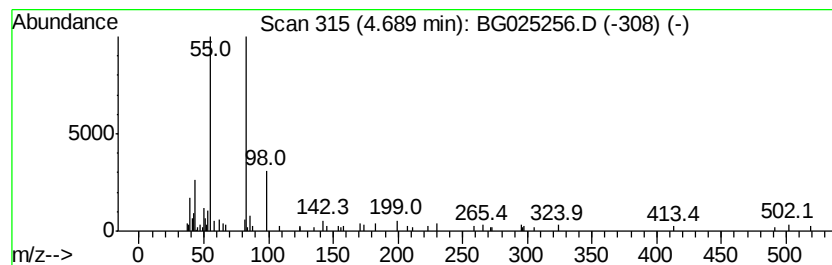
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Furan, 2,5-dihydro-2,5-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	2.31 ng/ul	64720	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	72
2		2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
3		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	64
4		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
5		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	64



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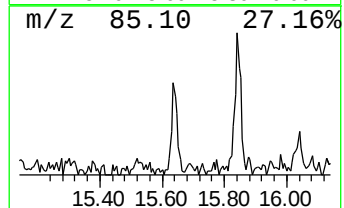
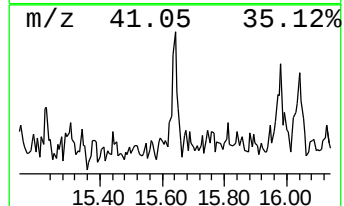
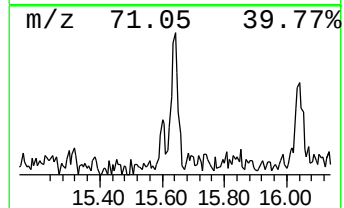
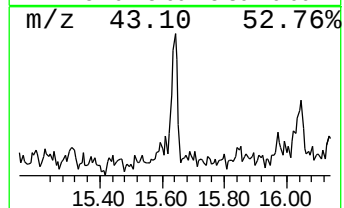
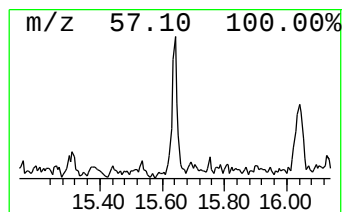
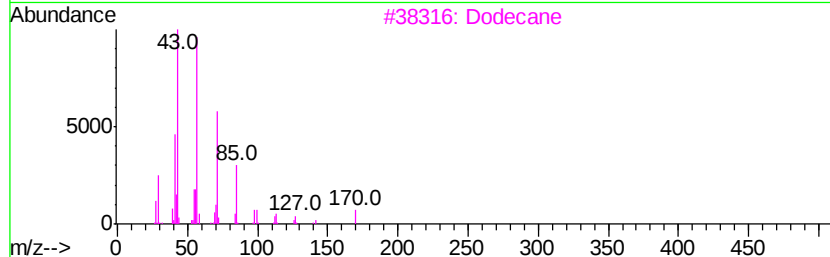
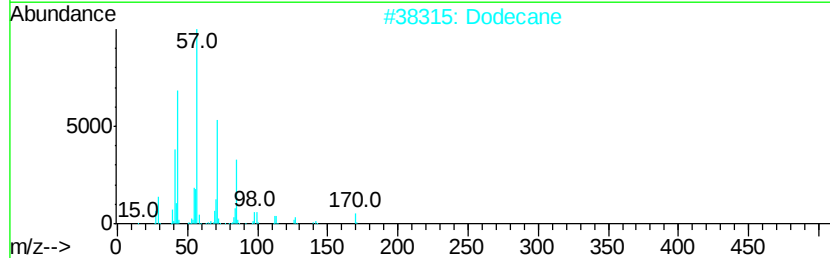
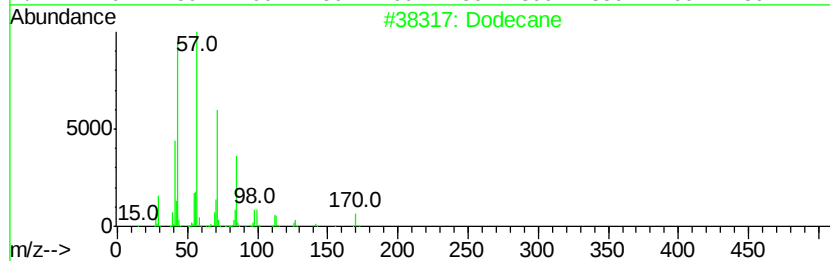
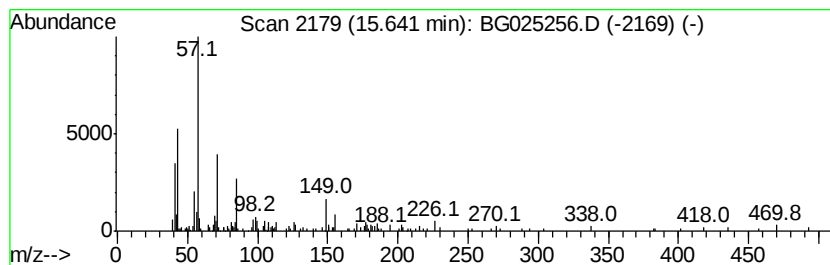
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.26 ng/ul	116006	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	76
2		Dodecane	170	C12H26	000112-40-3	64
3		Dodecane	170	C12H26	000112-40-3	64
4		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	58
5		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	58



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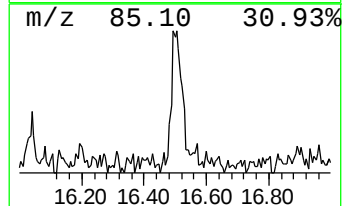
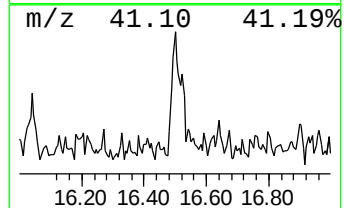
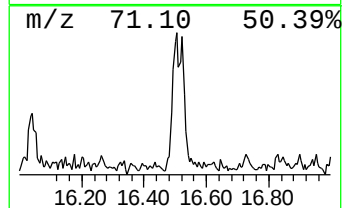
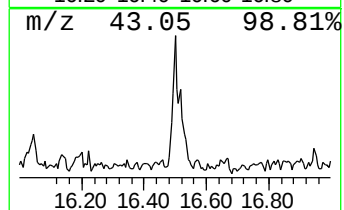
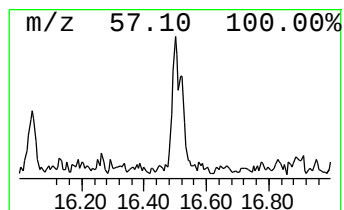
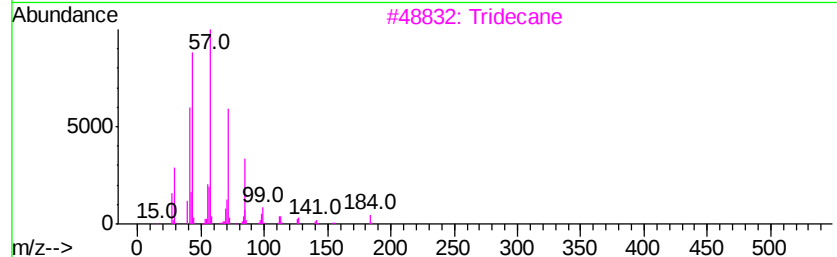
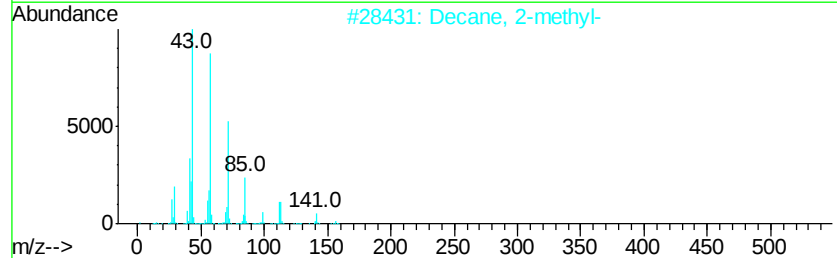
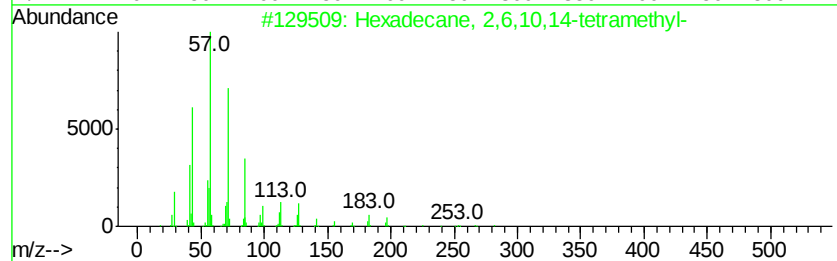
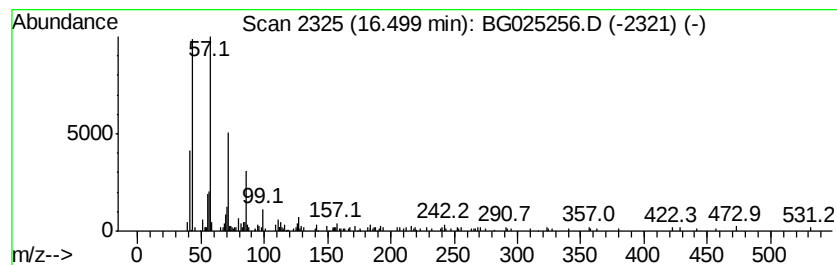
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.88 ng/ul	164540	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2			Decane, 2-methyl-	156	C11H24	006975-98-0	76
3			Tridecane	184	C13H28	000629-50-5	76
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	76
5			Pentadecane	212	C15H32	000629-62-9	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025256.D
Acq On : 17 Dec 2016 2:30
Operator : UM/SJ
Sample : H6040-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8W8

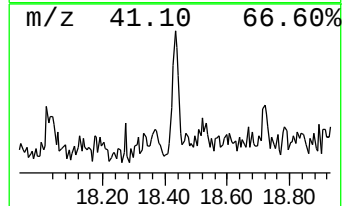
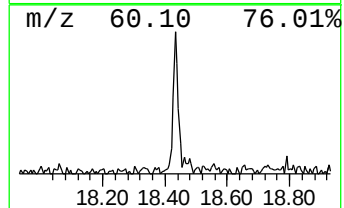
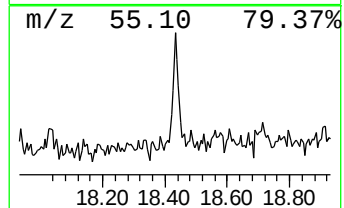
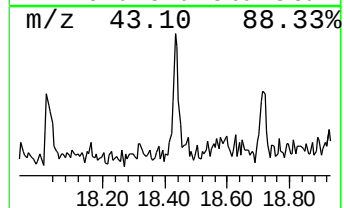
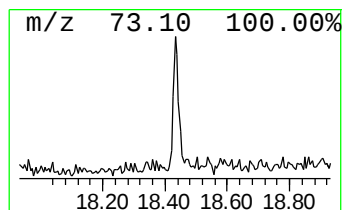
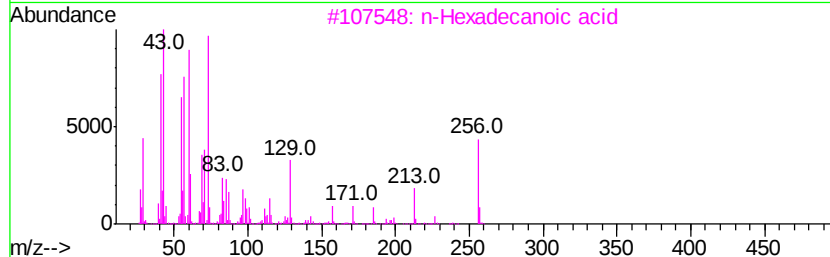
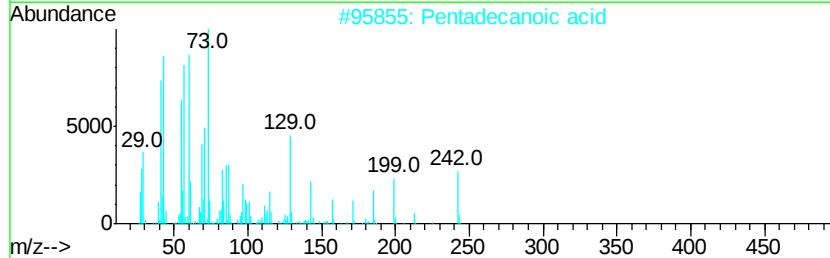
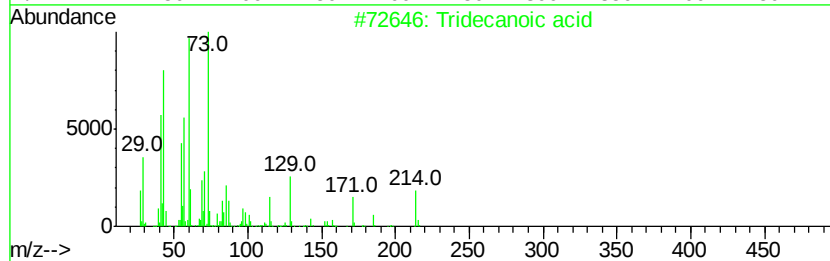
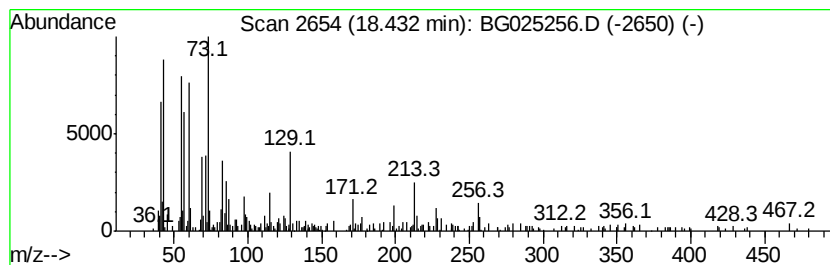
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.93 ng/ul	167210	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025256.D
Acq On : 17 Dec 2016 2:30
Operator : UM/SJ
Sample : H6040-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Furan, 2,5-dihydr...	4.69	2.3	ng/ul	64720	1	8.23	561146	20.0
(DEL) Alkane: Str...	15.64	2.3	ng/ul	116006	3	14.86	1024790	20.0
(DEL) Alkane: Str...	16.50	2.9	ng/ul	164540	4	17.60	1142410	20.0
Tridecanoic acid	18.43	2.9	ng/ul	167210	4	17.60	1142410	20.0