

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002025.D
 Acq On : 23 Jul 2015 20:25
 Operator : TP/UM
 Sample : G3000-20RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J4RE

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_M\METHODS\SOM02.2-EPA-BM071315.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	2.746	6	10	14	rBV5	7722	12576	0.91%	0.065%
2	2.787	14	17	19	rVV3	5065	5100	0.37%	0.026%
3	2.822	19	23	29	rVV	80772	96129	6.99%	0.494%
4	3.087	63	68	72	rBV2	16423	21445	1.56%	0.110%
5	3.357	110	114	122	rBV	16655	23129	1.68%	0.119%
6	3.604	152	156	158	rBV3	3517	4048	0.29%	0.021%
7	3.634	158	161	165	rVB	6490	7599	0.55%	0.039%
8	4.722	342	346	352	rBB2	2870	4968	0.36%	0.026%
9	5.081	403	407	412	rBV	5486	8650	0.63%	0.044%
10	5.257	434	437	444	rBB	3665	5839	0.42%	0.030%
11	5.628	495	500	504	rBB	4864	5403	0.39%	0.028%
12	6.628	660	670	676	rBV4	9673	16581	1.20%	0.085%
13	6.792	690	698	709	rBB	350585	550116	39.98%	2.825%
14	6.957	714	726	736	rBB	250561	392974	28.56%	2.018%
15	7.145	752	758	766	rBB	368589	573857	41.70%	2.946%
16	7.228	767	772	774	rBV	4341	5591	0.41%	0.029%
17	7.257	774	777	784	rVB	8856	11918	0.87%	0.061%
18	7.616	829	838	845	rBV	261739	407068	29.58%	2.090%
19	7.722	852	856	860	rBV2	3073	4793	0.35%	0.025%
20	8.328	952	959	968	rBV	430290	684359	49.73%	3.514%
21	8.775	1028	1035	1041	rBV	305260	492863	35.82%	2.531%
22	8.828	1041	1044	1048	rVV	4759	7349	0.53%	0.038%
23	8.898	1051	1056	1065	rBB	22578	40131	2.92%	0.206%
24	9.492	1151	1157	1165	rBV	257108	420639	30.57%	2.160%
25	10.033	1241	1249	1258	rBV	443347	723359	52.57%	3.714%
26	10.404	1303	1312	1318	rBV	332736	550128	39.98%	2.825%
27	10.451	1318	1320	1326	rVB	17035	22388	1.63%	0.115%
28	10.551	1330	1337	1349	rVV	330090	558911	40.62%	2.870%
29	11.198	1442	1447	1450	rBV2	2143	3316	0.24%	0.017%
30	11.422	1479	1485	1489	rBB2	5709	8575	0.62%	0.044%
31	11.827	1548	1554	1559	rVB	7079	11314	0.82%	0.058%
32	12.074	1590	1596	1601	rVB	11864	19855	1.44%	0.102%
33	12.216	1613	1620	1622	rBV2	8552	16239	1.18%	0.083%
34	12.298	1628	1634	1641	rVB	8723	15425	1.12%	0.079%

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Integrator: RTE
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 Title : SVOA CALIBRATION

35	12.527	1670	1673	1680	rVB3	3104	4991	0.36%	0.026%
36	12.616	1684	1688	1691	rVV2	3460	3962	0.29%	0.020%
37	12.745	1708	1710	1714	rVV3	2805	3900	0.28%	0.020%
38	12.798	1714	1719	1723	rVV	9848	13795	1.00%	0.071%
39	12.869	1725	1731	1736	rVB2	7315	11801	0.86%	0.061%
40	12.927	1738	1741	1745	rVB3	2078	2986	0.22%	0.015%
41	13.092	1762	1769	1775	rBV4	13424	25295	1.84%	0.130%
42	13.198	1785	1787	1793	rVB4	2806	4422	0.32%	0.023%
43	13.298	1800	1804	1808	rBV2	1901	3011	0.22%	0.015%
44	13.433	1823	1827	1828	rBV2	4870	5541	0.40%	0.028%
45	13.451	1828	1830	1833	rVB	4242	4838	0.35%	0.025%
46	13.592	1849	1854	1858	rBV4	20349	32789	2.38%	0.168%
47	13.651	1861	1864	1865	rVV	8455	9741	0.71%	0.050%
48	13.692	1865	1871	1875	rVV	649381	918927	66.78%	4.718%
49	13.739	1875	1879	1886	rVV	596346	815835	59.29%	4.189%
50	13.792	1886	1888	1892	rVV3	8688	12615	0.92%	0.065%
51	13.833	1892	1895	1898	rVV3	6235	8287	0.60%	0.043%
52	13.868	1899	1901	1906	rVB3	5872	7467	0.54%	0.038%
53	13.968	1912	1918	1923	rBV	742418	1073076	77.98%	5.510%
54	14.098	1936	1940	1948	rVB4	10129	19572	1.42%	0.100%
55	14.174	1948	1953	1959	rBV	28033	43313	3.15%	0.222%
56	14.280	1959	1971	1978	rBV2	444110	714070	51.89%	3.666%
57	14.339	1978	1981	1988	rVB3	12382	21280	1.55%	0.109%
58	14.498	2002	2008	2018	rBV	293790	447278	32.50%	2.297%
59	14.598	2021	2025	2027	rBV5	4767	6319	0.46%	0.032%
60	14.645	2031	2033	2035	rVV3	3696	4314	0.31%	0.022%
61	14.674	2035	2038	2046	rVB	16636	23447	1.70%	0.120%
62	14.757	2050	2052	2055	rVB3	4908	4044	0.29%	0.021%
63	14.798	2055	2059	2063	rBV3	14695	20836	1.51%	0.107%
64	14.904	2072	2077	2080	rBV3	4711	7513	0.55%	0.039%
65	14.945	2082	2084	2087	rVB4	7283	7933	0.58%	0.041%
66	15.074	2100	2106	2111	rBV2	22431	38995	2.83%	0.200%
67	15.127	2111	2115	2120	rVV	40329	51832	3.77%	0.266%
68	15.274	2134	2140	2145	rBV	858132	1194487	86.81%	6.133%
69	15.333	2145	2150	2154	rVV4	14803	26665	1.94%	0.137%
70	15.410	2158	2163	2168	rVB	74422	102319	7.44%	0.525%
71	15.533	2174	2184	2189	rBV3	41987	83445	6.06%	0.428%

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72	15.621	2197	2199	2205	rVB4	10379	14056	1.02%	0.072%
73	15.698	2208	2212	2215	rBV6	4326	6996	0.51%	0.036%
74	15.745	2217	2220	2224	rVV5	8566	10787	0.78%	0.055%
75	15.827	2231	2234	2235	rBV2	4857	5298	0.39%	0.027%
76	16.009	2258	2265	2271	rBV2	79318	184858	13.43%	0.949%
77	16.115	2280	2283	2285	rBV4	5475	7624	0.55%	0.039%
78	16.215	2297	2300	2304	rBV6	9668	11425	0.83%	0.059%
79	16.374	2323	2327	2328	rBV3	8536	11934	0.87%	0.061%
80	16.598	2363	2365	2369	rVB4	10846	10737	0.78%	0.055%
81	16.786	2393	2397	2400	rBV	53465	61714	4.48%	0.317%
82	16.833	2401	2405	2411	rVB3	59996	90699	6.59%	0.466%
83	17.027	2432	2438	2443	rBV2	542337	801563	58.25%	4.116%
84	17.068	2443	2445	2449	rVV	91187	114165	8.30%	0.586%
85	17.127	2449	2455	2465	rVB	882040	1268181	92.16%	6.512%
86	17.439	2501	2508	2515	rBV6	31381	68701	4.99%	0.353%
87	17.521	2518	2522	2526	rVB	63451	72731	5.29%	0.373%
88	17.921	2587	2590	2593	rBV3	40322	44107	3.21%	0.226%
89	18.215	2637	2640	2644	rBV2	41650	47640	3.46%	0.245%
90	18.268	2646	2649	2652	rBV4	33265	44855	3.26%	0.230%
91	18.309	2653	2656	2660	rVB4	40682	51731	3.76%	0.266%
92	18.451	2677	2680	2685	rBV2	40836	58782	4.27%	0.302%
93	18.780	2733	2736	2741	rBV3	40146	59796	4.35%	0.307%
94	19.092	2785	2789	2794	rBV	163456	212176	15.42%	1.089%
95	19.150	2795	2799	2804	rVB	174482	220169	16.00%	1.130%
96	19.433	2842	2847	2851	rBV	923959	1376047	100.00%	7.065%
97	20.939	3100	3103	3110	rVB3	154153	219496	15.95%	1.127%
98	21.227	3147	3152	3156	rBV	733687	996315	72.40%	5.116%
99	23.303	3499	3505	3510	rBV2	633913	1141603	82.96%	5.862%
100	23.438	3524	3528	3534	rVB	450623	748239	54.38%	3.842%

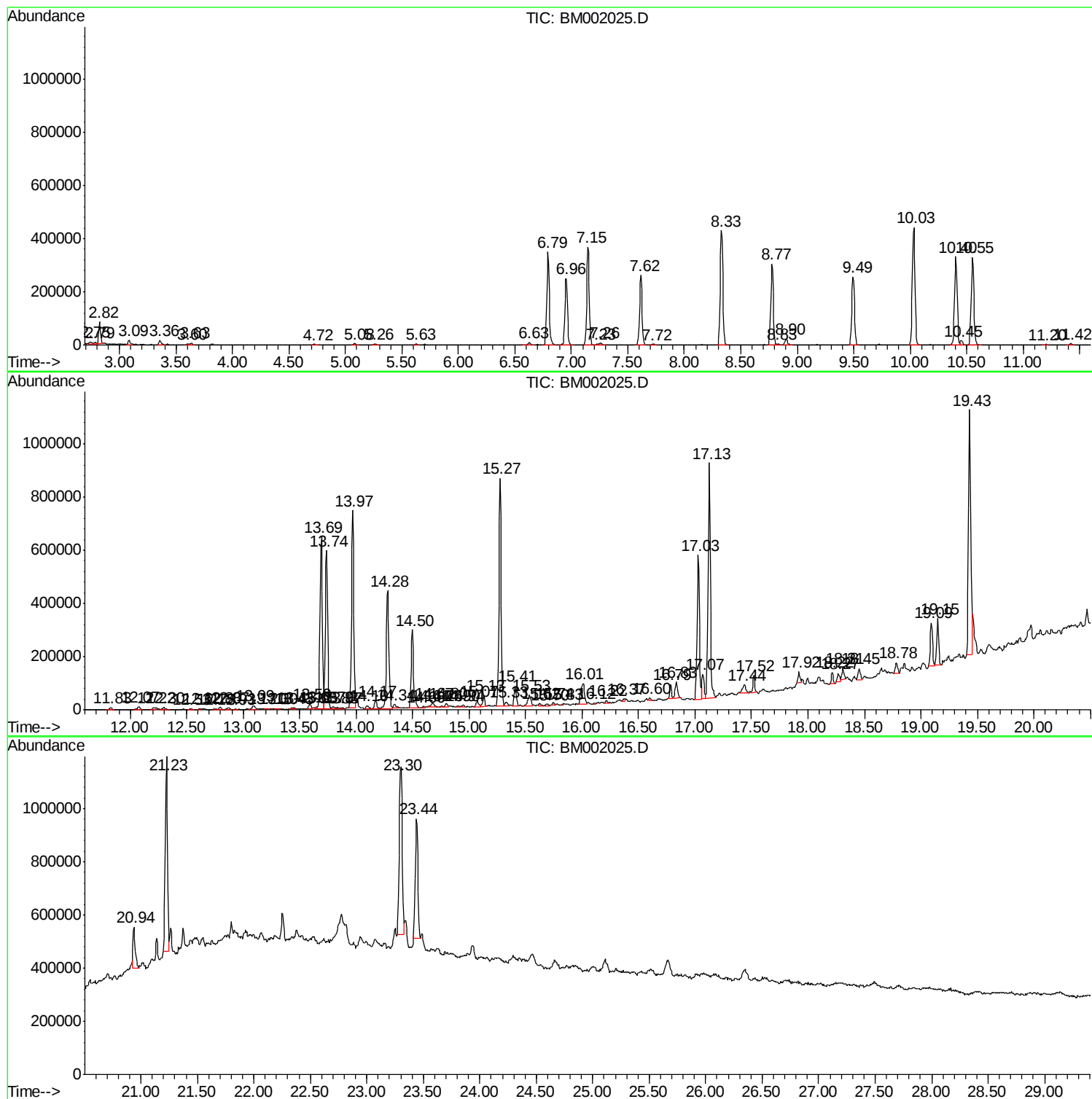
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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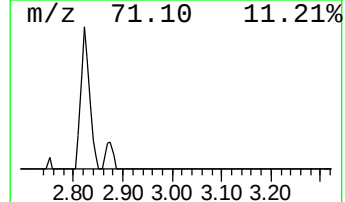
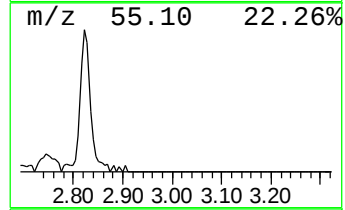
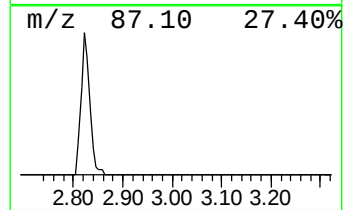
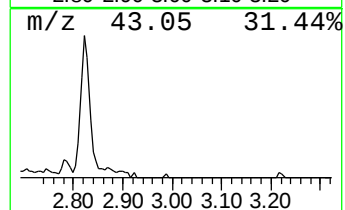
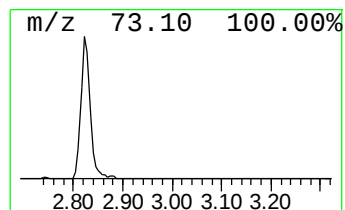
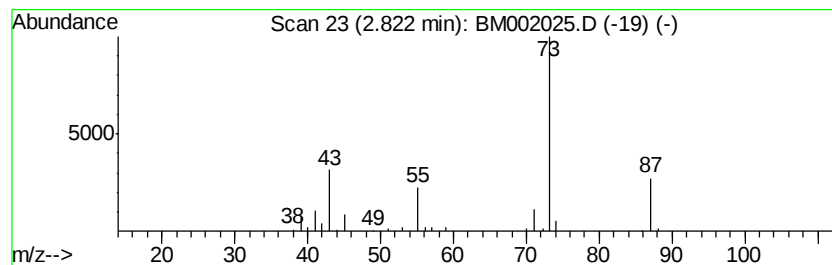
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	4.72 ng/ul	96129	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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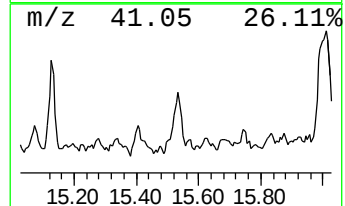
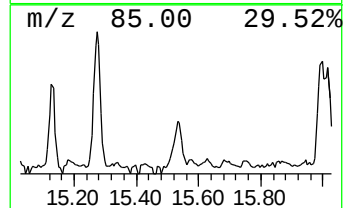
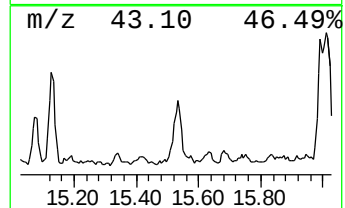
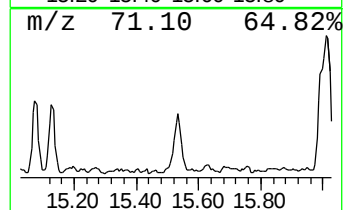
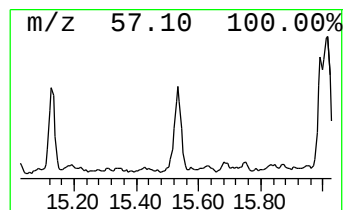
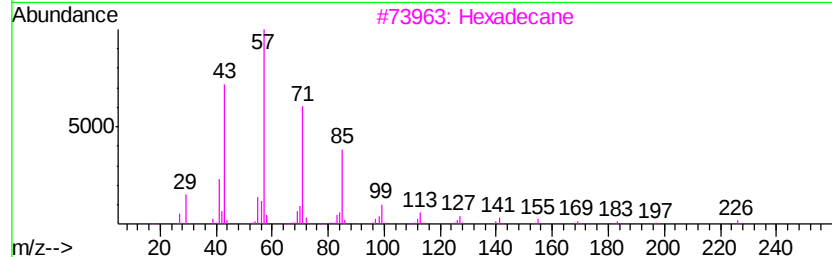
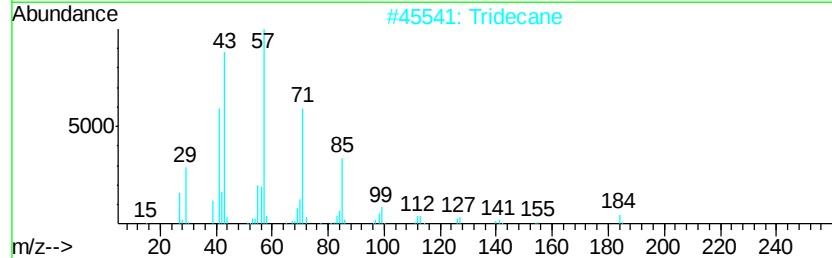
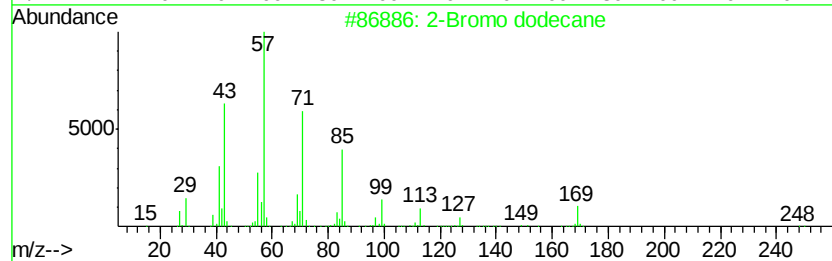
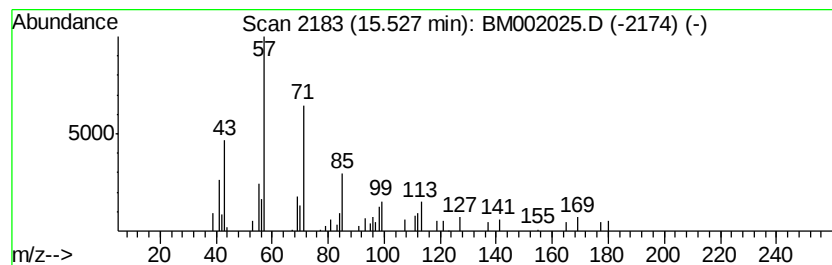
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.34 ng/ul	83445	Acenaphthene-d10	14.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	72
2	Tridecane		184	C13H28	000629-50-5	72
3	Hexadecane		226	C16H34	000544-76-3	72
4	Hexacosane		366	C26H54	000630-01-3	72
5	Pentacosane		352	C25H52	000629-99-2	64



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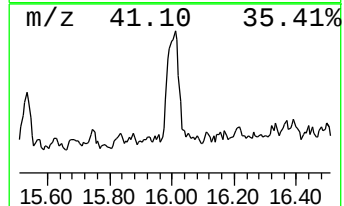
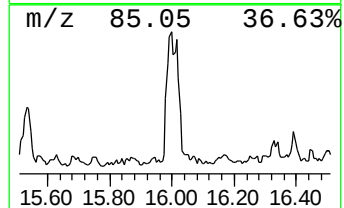
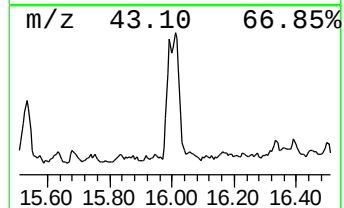
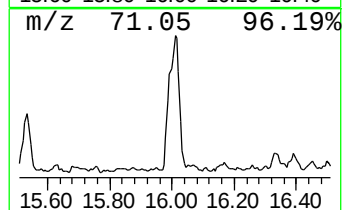
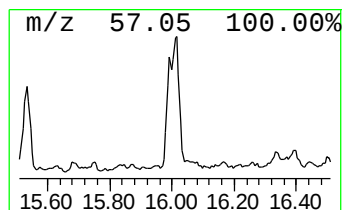
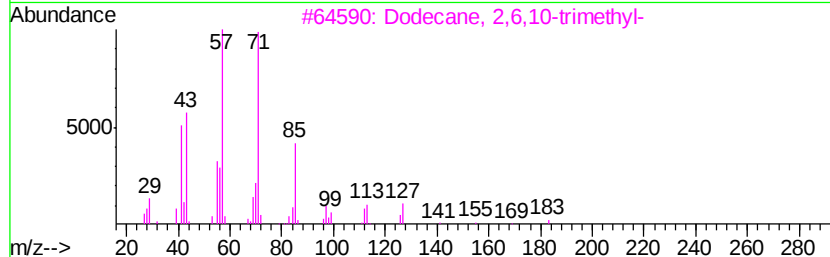
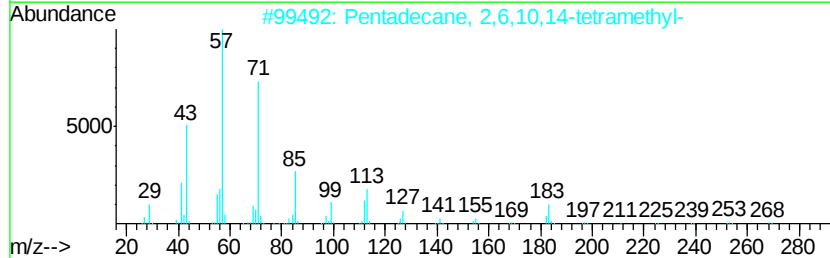
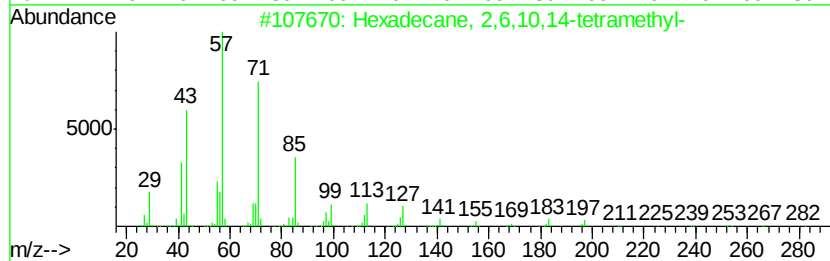
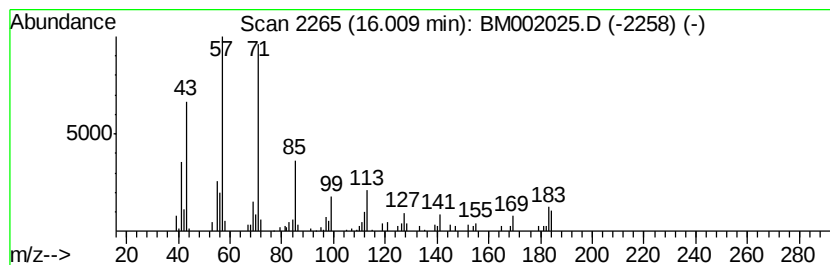
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	4.61 ng/ul	184858	Phenanthrene-d10	17.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5			Hexadecane	226	C16H34	000544-76-3	50



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C02J4RE

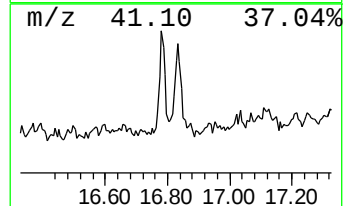
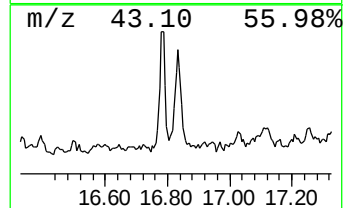
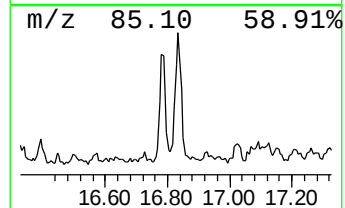
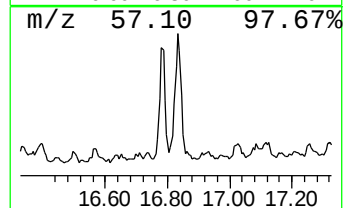
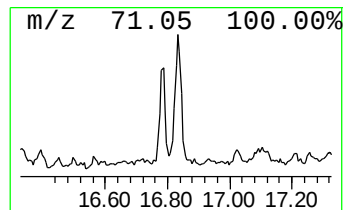
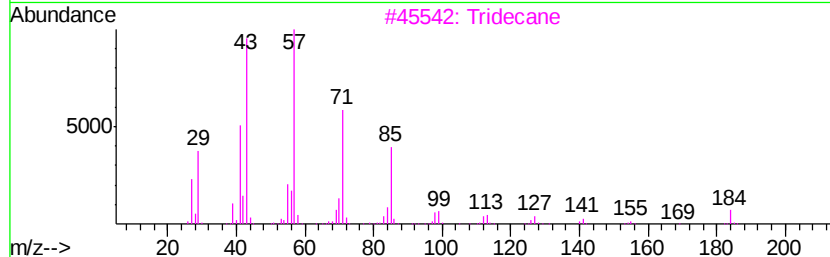
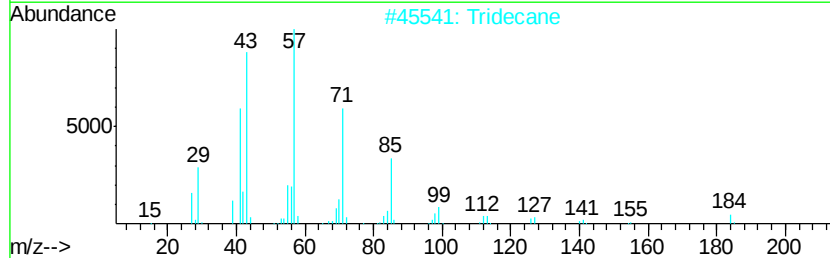
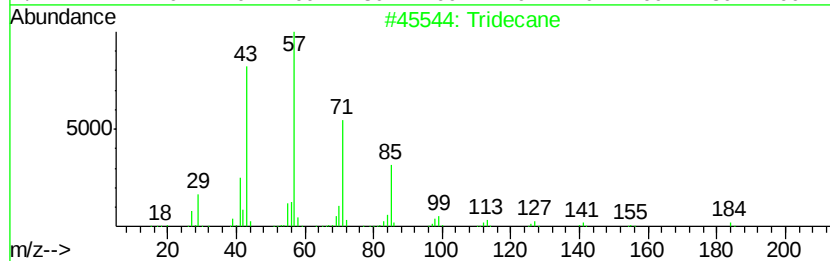
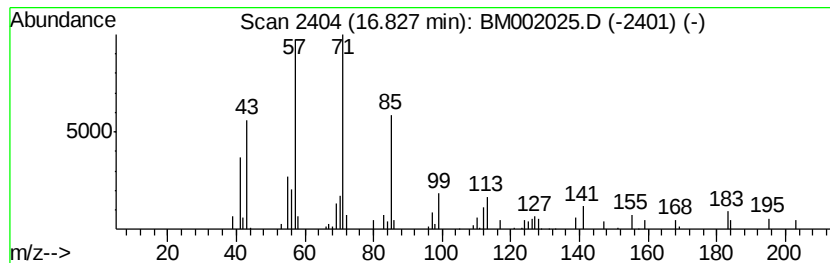
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.26 ng/ul	90699	Phenanthrene-d10	17.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tridecane	184	C13H28	000629-50-5	91
3			Tridecane	184	C13H28	000629-50-5	87
4			Hexacosane	366	C26H54	000630-01-3	80
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002025.D
Acq On : 23 Jul 2015 20:25
Operator : TP/UM
Sample : G3000-20RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02J4RE

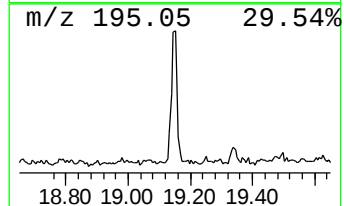
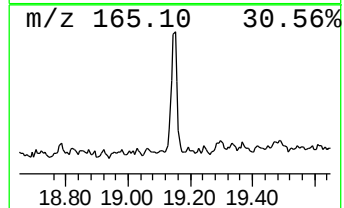
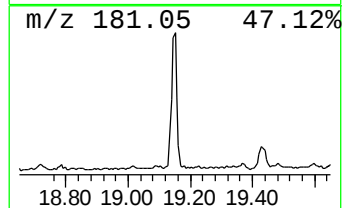
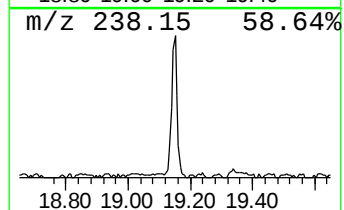
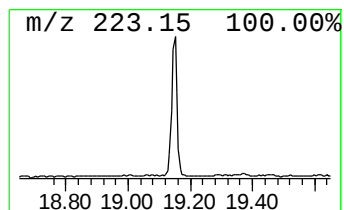
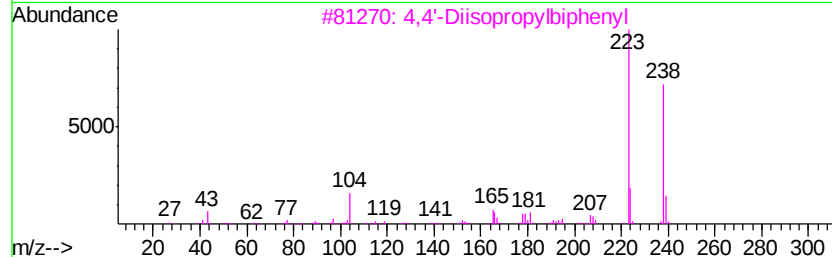
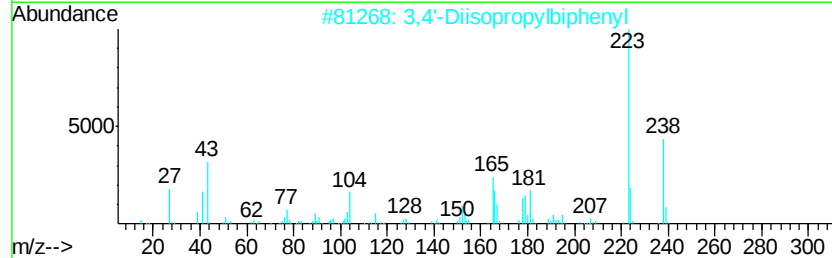
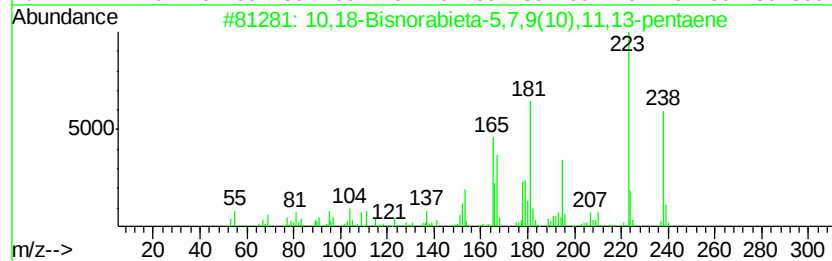
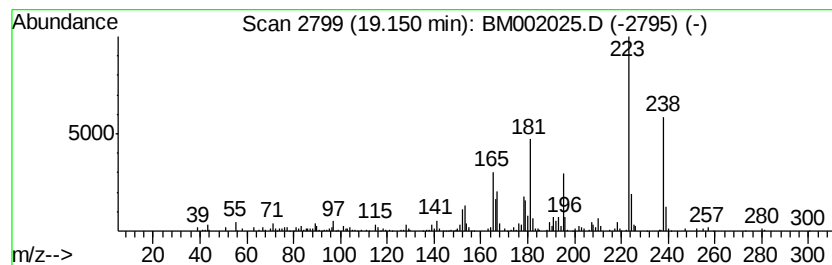
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	4.42 ng/ul	220169	Chrysene-d12	21.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4		3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	49
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002025.D
Acq On : 23 Jul 2015 20:25
Operator : TP/UM
Sample : G3000-20RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

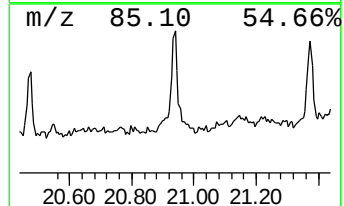
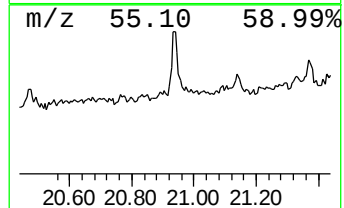
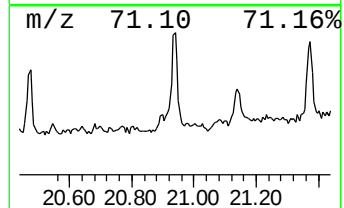
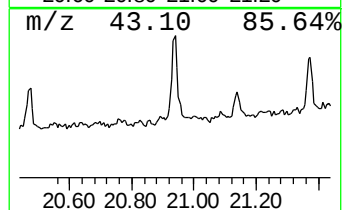
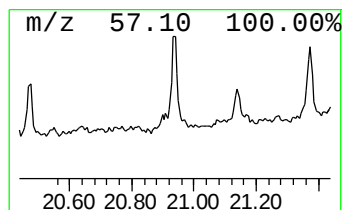
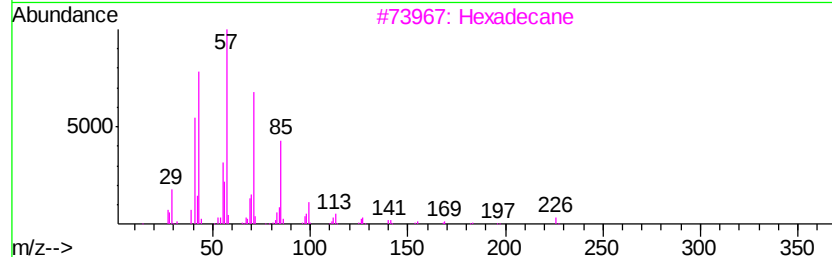
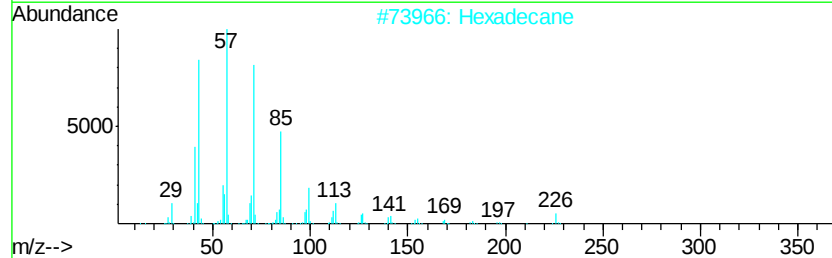
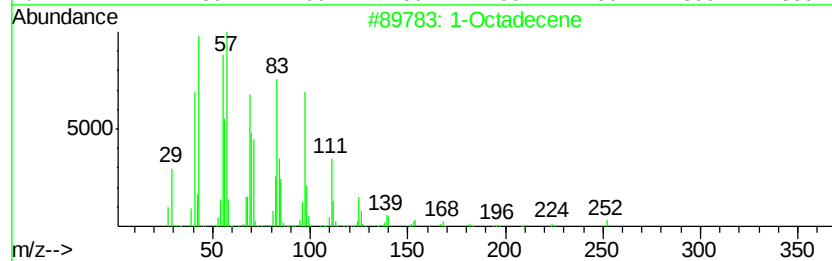
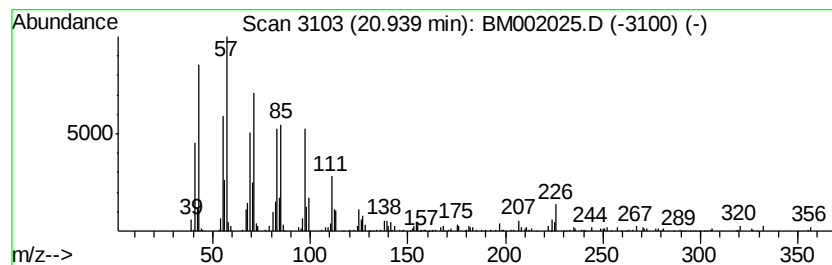
Instrument :
BNA_M
ClientSampleId :
C02J4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.94	4.41 ng/ul	219496	Chrysene-d12	21.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	1-Eicosene	280	C20H40	003452-07-1	83
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002025.D
Acq On : 23 Jul 2015 20:25
Operator : TP/UM
Sample : G3000-20RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02J4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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...	2.82	4.7	ng/ul	96129	1	7.62	407068	20.0
2-Bromo dodecane	15.53	2.3	ng/ul	83445	3	14.27	714070	20.0
(DEL) Alkane: Str...	16.01	4.6	ng/ul	184858	4	17.03	801563	20.0
(DEL) Alkane: Str...	16.83	2.3	ng/ul	90699	4	17.03	801563	20.0
10,18-Bisnorabiet...	19.15	4.4	ng/ul	220169	5	21.23	996315	20.0
(DEL) Alkane: Cyc...	20.94	4.4	ng/ul	219496	5	21.23	996315	20.0