

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007208.D
 Acq On : 18 Aug 2016 17:39
 Operator : UM/SJ
 Sample : H4445-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N20

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BM081116.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	5.834	548	552	556	rBV2	37138	51876	1.01%	0.093%
2	6.792	707	715	722	rBV4	40477	77280	1.51%	0.139%
3	6.898	728	733	738	rVB	66886	91911	1.80%	0.166%
4	6.969	738	745	752	rVV	527935	908276	17.75%	1.637%
5	7.034	752	756	763	rVB	88902	140428	2.74%	0.253%
6	7.140	767	774	780	rBV	394934	624075	12.20%	1.125%
7	7.198	780	784	792	rVB	48231	80464	1.57%	0.145%
8	7.334	801	807	817	rVB	525074	885124	17.30%	1.595%
9	7.451	817	827	834	rBV	228276	413472	8.08%	0.745%
10	7.804	879	887	900	rBV	992331	1620505	31.67%	2.921%
11	7.916	900	906	914	rVB	120258	205314	4.01%	0.370%
12	8.345	973	979	985	rBV	66980	108584	2.12%	0.196%
13	8.439	989	995	1000	rBV2	98963	175563	3.43%	0.316%
14	8.498	1000	1005	1013	rVB	531308	856852	16.75%	1.544%
15	8.604	1019	1023	1032	rVB2	34631	72831	1.42%	0.131%
16	8.751	1044	1048	1052	rVB	36679	52605	1.03%	0.095%
17	8.798	1052	1056	1064	rVB	43587	70896	1.39%	0.128%
18	8.898	1064	1073	1077	rBV	73147	127496	2.49%	0.230%
19	8.957	1077	1083	1090	rVV	479369	828632	16.19%	1.493%
20	9.022	1090	1094	1098	rVV	70660	112669	2.20%	0.203%
21	9.063	1098	1101	1108	rVV	58455	94377	1.84%	0.170%
22	9.145	1108	1115	1122	rVB4	35513	85032	1.66%	0.153%
23	9.233	1124	1130	1135	rBV4	33550	57938	1.13%	0.104%
24	9.422	1157	1162	1167	rVV	52444	81947	1.60%	0.148%
25	9.481	1167	1172	1182	rVB2	85404	146893	2.87%	0.265%
26	9.675	1197	1205	1211	rBV	418348	710531	13.89%	1.281%
27	9.998	1254	1260	1264	rBV2	53617	89867	1.76%	0.162%
28	10.210	1281	1296	1304	rBV	634490	1139275	22.26%	2.053%
29	10.286	1304	1309	1315	rVB2	47642	83780	1.64%	0.151%
30	10.586	1350	1360	1365	rBV	1276682	2226230	43.51%	4.012%
31	10.639	1365	1369	1376	rVB	252375	428181	8.37%	0.772%
32	10.722	1376	1383	1394	rBV	506239	924217	18.06%	1.666%
33	11.616	1531	1535	1545	rVB5	32127	55568	1.09%	0.100%
34	12.010	1597	1602	1608	rVB	40354	56436	1.10%	0.102%

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35	12.251	1634	1643	1649	rVB	218982	360644	7.05%	0.650%
36	12.469	1675	1680	1689	rVB	125551	209755	4.10%	0.378%
37	13.263	1807	1815	1821	rBV2	157548	257810	5.04%	0.465%
38	13.486	1845	1853	1859	rVB4	42512	92444	1.81%	0.167%
39	13.610	1864	1874	1879	rBV5	40744	119793	2.34%	0.216%
40	13.751	1893	1898	1903	rBV2	64849	112838	2.21%	0.203%
41	13.839	1908	1913	1918	rVV	1056160	1525584	29.81%	2.750%
42	13.886	1918	1921	1926	rVB	380808	501588	9.80%	0.904%
43	14.127	1950	1962	1972	rBV	1249018	1948261	38.07%	3.511%
44	14.333	1993	1997	2005	rBV	103515	142328	2.78%	0.257%
45	14.433	2005	2014	2021	rBV2	1886108	2942571	57.51%	5.303%
46	14.627	2041	2047	2057	rBV	376701	643177	12.57%	1.159%
47	14.833	2077	2082	2089	rVB	127804	204670	4.00%	0.369%
48	14.951	2098	2102	2111	rVB9	25934	65155	1.27%	0.117%
49	15.227	2144	2149	2152	rVV4	37515	68992	1.35%	0.124%
50	15.286	2156	2159	2163	rVB	132557	153673	3.00%	0.277%
51	15.427	2177	2183	2188	rBV	1653665	2412832	47.15%	4.349%
52	15.468	2188	2190	2195	rVB3	55012	73646	1.44%	0.133%
53	15.545	2195	2203	2209	rBV	310852	475364	9.29%	0.857%
54	15.692	2217	2228	2234	rBV4	63066	144120	2.82%	0.260%
55	15.780	2236	2243	2250	rVB4	56917	128580	2.51%	0.232%
56	15.915	2259	2266	2274	rBV6	39138	110109	2.15%	0.198%
57	16.151	2300	2306	2308	rBV	231416	340340	6.65%	0.613%
58	16.715	2398	2402	2406	rBV5	48825	83061	1.62%	0.150%
59	16.833	2416	2422	2431	rBV	116361	199189	3.89%	0.359%
60	16.939	2437	2440	2446	rVV	146686	182563	3.57%	0.329%
61	16.992	2446	2449	2459	rVB2	84683	142005	2.78%	0.256%
62	17.174	2474	2480	2485	rBV	2463850	3657142	71.47%	6.591%
63	17.215	2485	2487	2492	rVV	360114	471045	9.21%	0.849%
64	17.274	2492	2497	2507	rVB2	1949765	2734330	53.44%	4.928%
65	17.674	2561	2565	2569	rBV	155786	200231	3.91%	0.361%
66	17.715	2570	2572	2576	rVB3	51550	54516	1.07%	0.098%
67	18.068	2625	2632	2635	rBV2	197332	322076	6.29%	0.580%
68	18.280	2664	2668	2673	rVB	87604	129962	2.54%	0.234%
69	18.333	2674	2677	2679	rBV	44109	52070	1.02%	0.094%
70	18.368	2679	2683	2686	rVB	108354	129327	2.53%	0.233%
71	18.551	2711	2714	2718	rVB	64365	83050	1.62%	0.150%

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72	18.798	2750	2756	2759	rBV4	49854	79366	1.55%	0.143%
73	18.974	2778	2786	2788	rBV5	81285	175388	3.43%	0.316%
74	18.998	2788	2790	2796	rVV2	106468	144307	2.82%	0.260%
75	19.062	2797	2801	2805	rVV2	92724	152927	2.99%	0.276%
76	19.121	2805	2811	2815	rVB3	102160	197452	3.86%	0.356%
77	19.233	2826	2830	2837	rVB	147805	199052	3.89%	0.359%
78	19.333	2844	2847	2848	rBV2	44311	51316	1.00%	0.092%
79	19.568	2881	2887	2900	rVB	2444295	3607627	70.50%	6.502%
80	19.674	2901	2905	2912	rVB2	61444	103981	2.03%	0.187%
81	20.015	2959	2963	2967	rBV	251403	306528	5.99%	0.552%
82	20.098	2973	2977	2984	rVB4	143615	282804	5.53%	0.510%
83	20.292	3007	3010	3013	rBV3	63660	62001	1.21%	0.112%
84	20.609	3061	3064	3068	rBV	68589	77417	1.51%	0.140%
85	20.909	3112	3115	3118	rBV2	64597	87732	1.71%	0.158%
86	20.956	3120	3123	3126	rVV	73573	89875	1.76%	0.162%
87	21.074	3139	3143	3152	rBV2	213202	339492	6.63%	0.612%
88	21.274	3174	3177	3182	rVB	90503	100666	1.97%	0.181%
89	21.356	3185	3191	3196	rBV	3889214	5117049	100.00%	9.223%
90	21.509	3215	3217	3225	rVB2	70689	78955	1.54%	0.142%
91	21.950	3290	3292	3298	rBV2	83717	95083	1.86%	0.171%
92	22.938	3456	3460	3464	rBV2	167547	242948	4.75%	0.438%
93	23.486	3546	3553	3568	rVB	1815712	3714442	72.59%	6.695%
94	23.627	3570	3577	3590	rVB	2530835	5017235	98.05%	9.043%

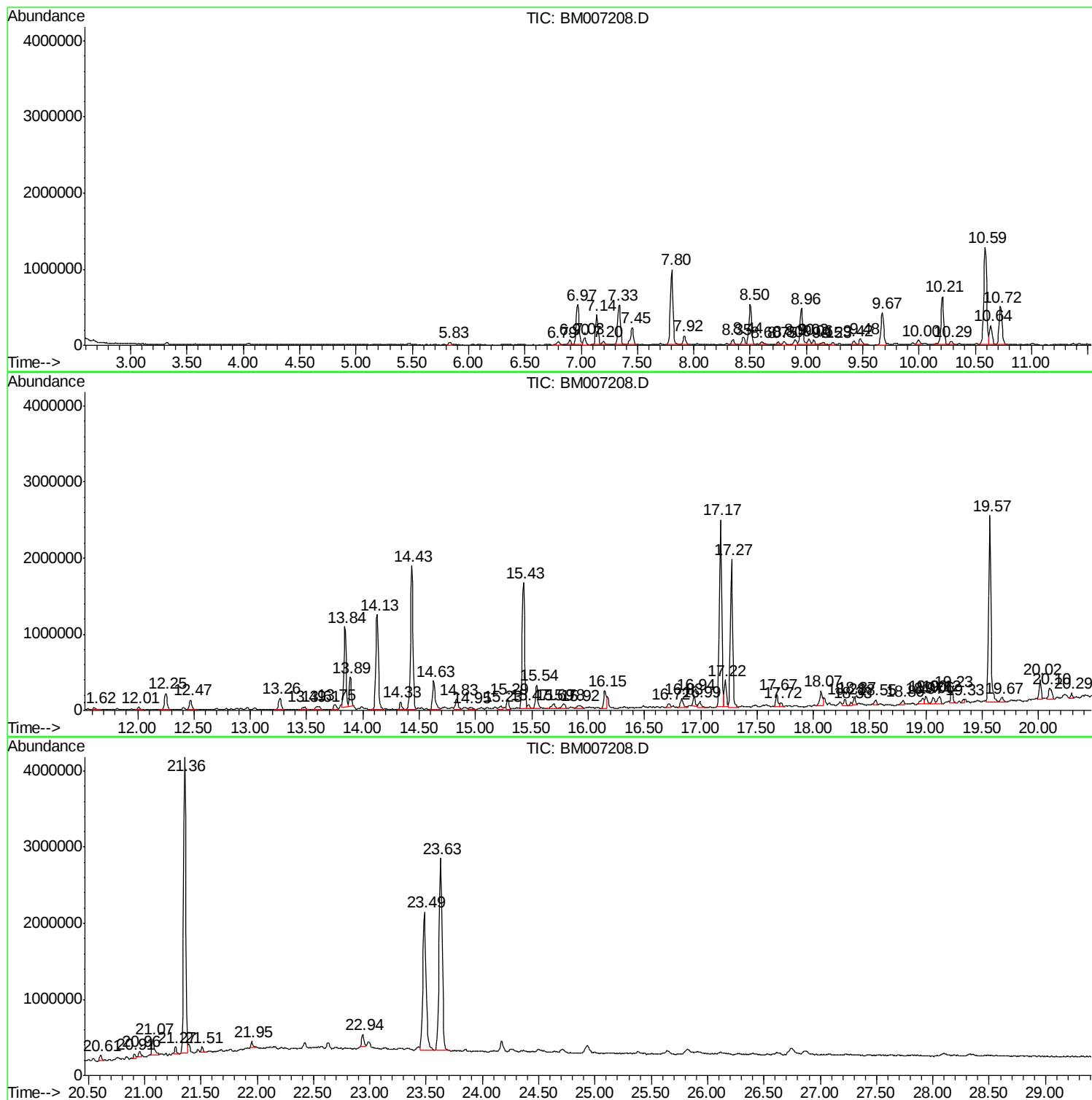
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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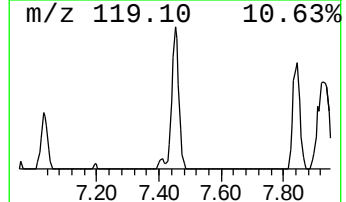
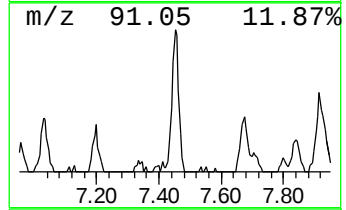
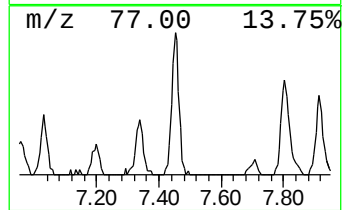
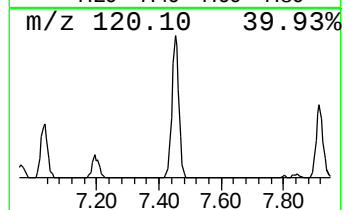
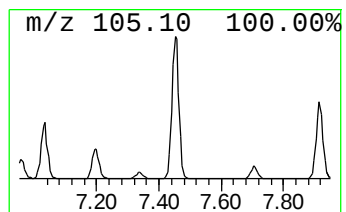
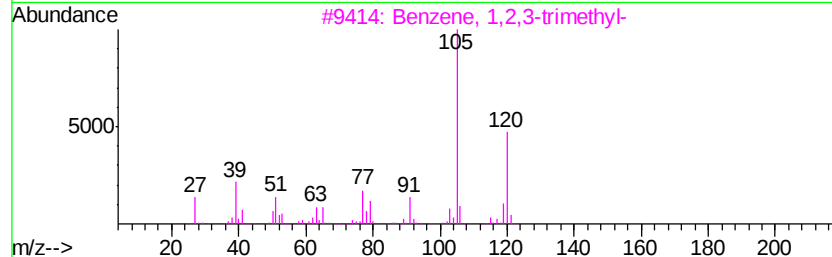
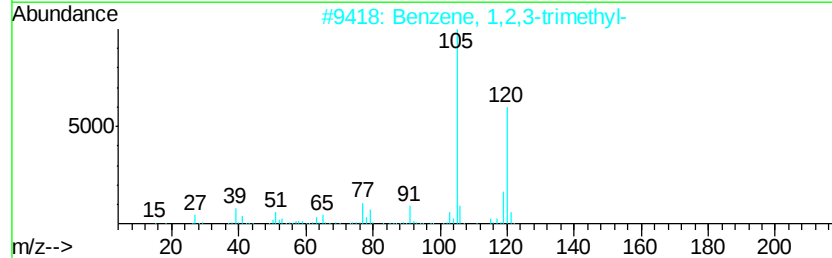
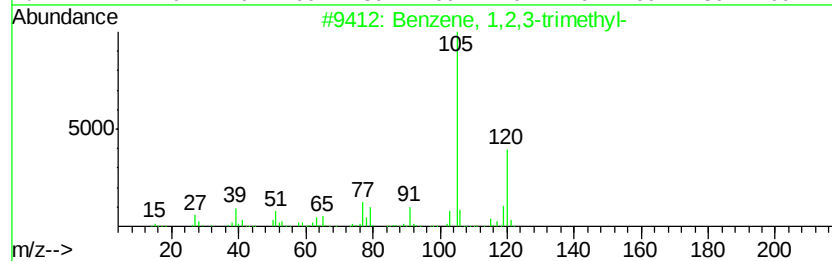
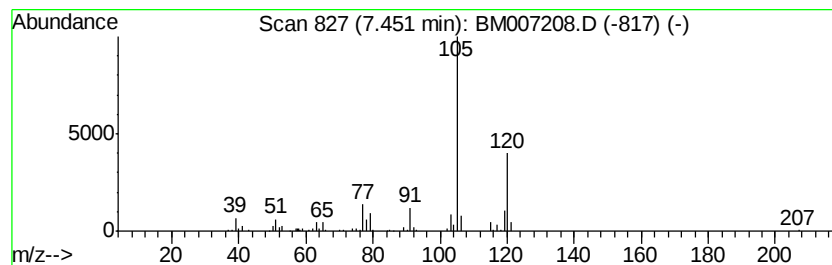
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	5.10 ng/ul	413472	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5			Mesitylene	120	C9H12	000108-67-8	91



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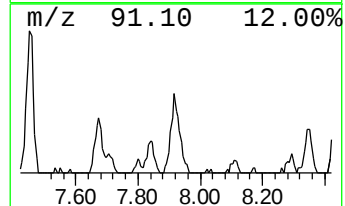
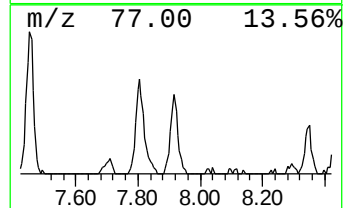
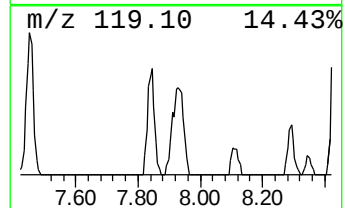
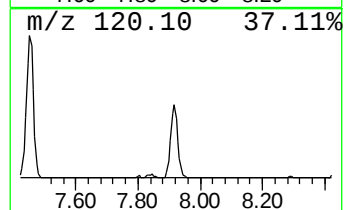
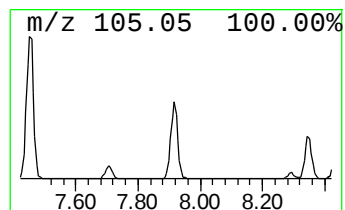
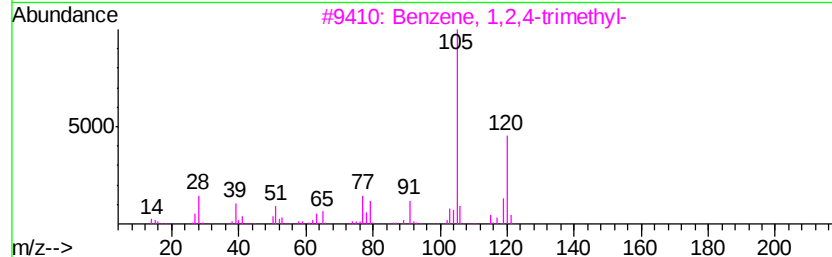
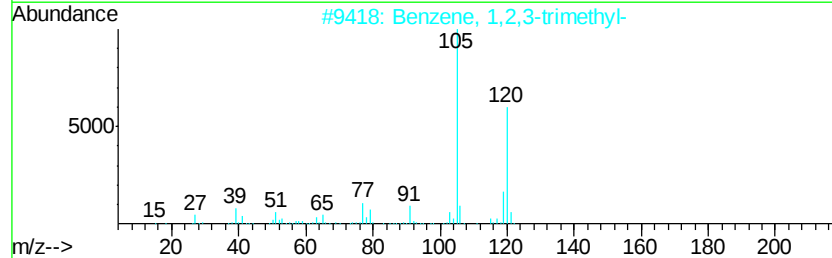
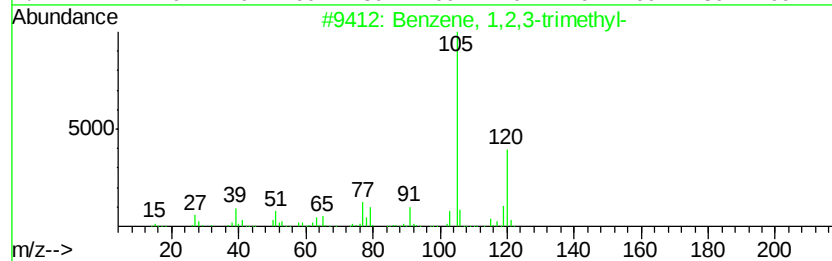
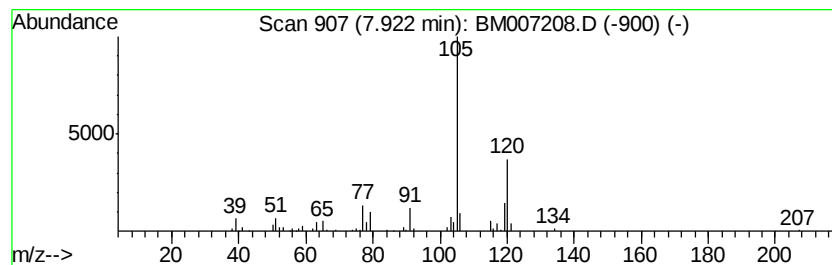
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.53 ng/ul	205314	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



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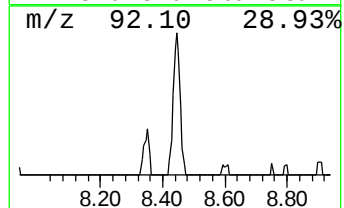
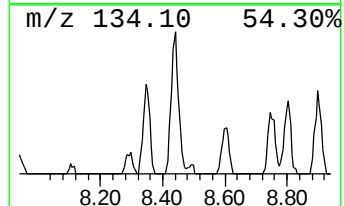
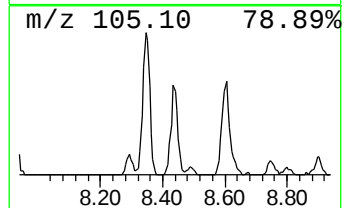
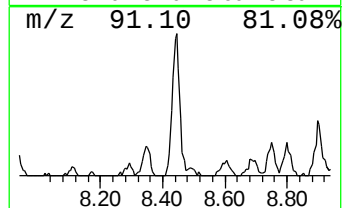
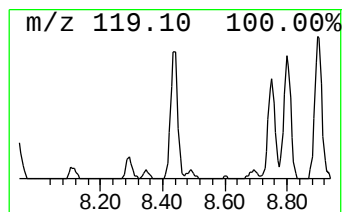
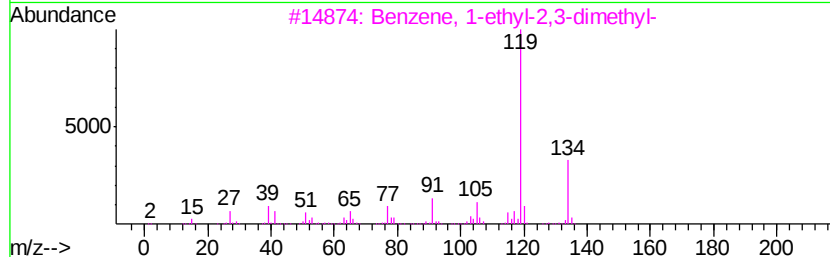
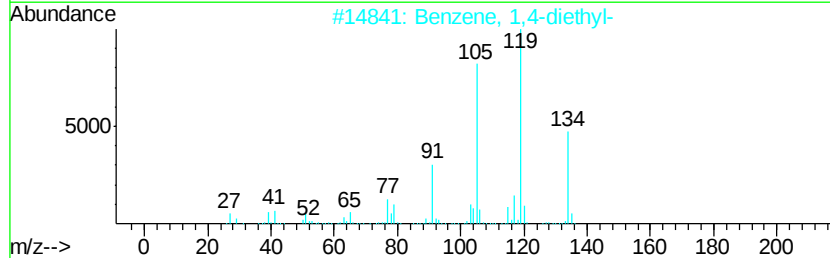
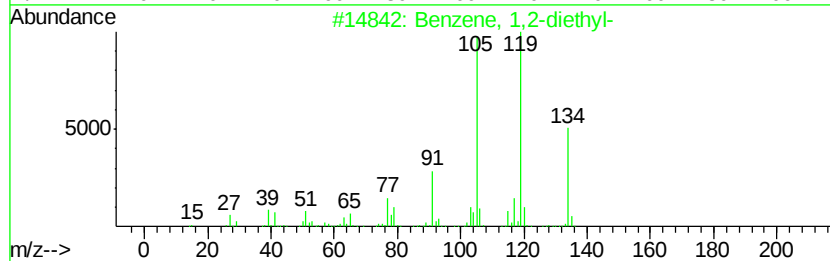
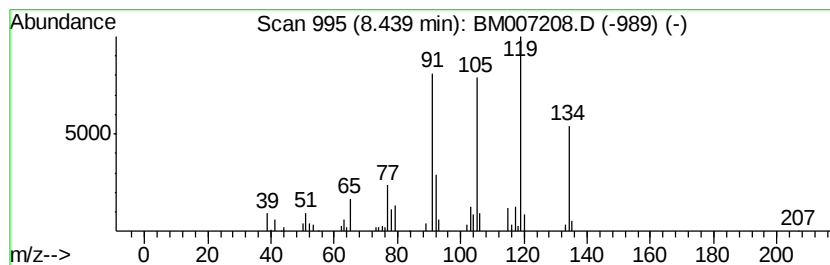
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.17 ng/ul	175563	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86



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ClientSampleId :
E5N20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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
Benzene, 1,2,3-tr...	7.45	5.1	ng/ul	413472	1	7.80	1620510	20.0
Benzene, 1,2,4-tr...	7.92	2.5	ng/ul	205314	1	7.80	1620510	20.0
Benzene, 1,2-diet...	8.44	2.2	ng/ul	175563	1	7.80	1620510	20.0