

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
 Data File : BM022381.D
 Acq On : 28 Aug 2019 10:32
 Operator : HP/JU
 Sample : K4414-04DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8DL

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	3.081	14	16	18	rBV3	1084	1031	0.18%	0.026%
2	3.199	34	36	40	rVB2	1123	1622	0.28%	0.040%
3	3.228	40	41	44	rBV	1201	1186	0.20%	0.030%
4	3.481	82	84	88	rVB3	680	758	0.13%	0.019%
5	3.669	112	116	117	rBV2	863	999	0.17%	0.025%
6	3.705	120	122	123	rVV2	1142	899	0.15%	0.022%
7	3.805	134	139	150	rVB	59734	88686	15.13%	2.213%
8	4.305	221	224	229	rVV3	9174	11814	2.02%	0.295%
9	4.387	235	238	239	rVB3	887	810	0.14%	0.020%
10	4.599	269	274	275	rBV	678	859	0.15%	0.021%
11	4.657	282	284	288	rVB2	617	735	0.13%	0.018%
12	5.075	351	355	362	rVB	28499	40375	6.89%	1.007%
13	5.228	375	381	387	rVB	13481	19834	3.38%	0.495%
14	5.340	397	400	402	rBV	667	736	0.13%	0.018%
15	5.569	433	439	446	rVB3	39684	70075	11.95%	1.748%
16	5.857	486	488	492	rBV	426	790	0.13%	0.020%
17	6.034	515	518	522	rVB2	768	1159	0.20%	0.029%
18	6.604	613	615	616	rVV	1027	910	0.16%	0.023%
19	6.622	616	618	620	rVB	998	959	0.16%	0.024%
20	6.687	625	629	632	rBB2	1256	1767	0.30%	0.044%
21	6.734	632	637	638	rBV	426	791	0.13%	0.020%
22	6.757	638	641	646	rVV3	3468	5169	0.88%	0.129%
23	6.793	646	647	651	rVB	964	823	0.14%	0.021%
24	6.910	662	667	675	rBV3	9752	18182	3.10%	0.454%
25	7.087	692	697	705	rBV	13035	20420	3.48%	0.509%
26	7.198	714	716	720	rVB	1439	1616	0.28%	0.040%
27	7.540	769	774	783	rVB	85188	135728	23.15%	3.386%
28	7.634	786	790	796	rVB	3542	4948	0.84%	0.123%
29	7.898	830	835	838	rBB	2535	3636	0.62%	0.091%
30	8.063	857	863	871	rBV	115109	183755	31.34%	4.584%
31	8.116	871	872	876	rVB2	1063	1046	0.18%	0.026%
32	8.281	897	900	911	rBV2	4832	11011	1.88%	0.275%
33	8.722	968	975	986	rBV2	14473	27643	4.72%	0.690%
34	9.022	1023	1026	1028	rBB	990	878	0.15%	0.022%

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35	9.134	1042	1045	1049	rBB	669	974	0.17%	0.024%
36	9.198	1053	1056	1059	rBB2	1395	1650	0.28%	0.041%
37	9.428	1091	1095	1104	rVB3	8650	15731	2.68%	0.392%
38	9.710	1139	1143	1145	rBV	3569	4757	0.81%	0.119%
39	9.739	1145	1148	1153	rVB4	5381	8072	1.38%	0.201%
40	9.810	1154	1160	1163	rBV	5215	8398	1.43%	0.210%
41	9.845	1163	1166	1170	rVB2	2855	4182	0.71%	0.104%
42	9.998	1187	1192	1199	rBV3	9090	19449	3.32%	0.485%
43	10.310	1239	1245	1249	rBV	125834	209231	35.69%	5.220%
44	10.363	1249	1254	1265	rVB	334675	586266	100.00%	14.626%
45	10.492	1270	1276	1283	rVB2	6347	11453	1.95%	0.286%
46	11.892	1511	1514	1516	rBB	935	994	0.17%	0.025%
47	12.004	1530	1533	1540	rBB4	2691	4409	0.75%	0.110%
48	12.222	1564	1570	1576	rBB2	16359	25862	4.41%	0.645%
49	13.033	1703	1708	1714	rBB	4755	7505	1.28%	0.187%
50	13.510	1787	1789	1792	rBV2	1371	1783	0.30%	0.044%
51	13.633	1805	1810	1816	rBV	45023	72049	12.29%	1.798%
52	13.751	1826	1830	1832	rBB	1056	985	0.17%	0.025%
53	13.892	1847	1854	1856	rBV	54225	83097	14.17%	2.073%
54	13.916	1856	1858	1864	rVB	40939	54969	9.38%	1.371%
55	14.198	1900	1906	1914	rBV	211450	305349	52.08%	7.618%
56	14.263	1914	1917	1921	rVV	5002	6508	1.11%	0.162%
57	15.210	2073	2078	2085	rVV	74164	110716	18.88%	2.762%
58	15.263	2085	2087	2088	rVV	2531	2288	0.39%	0.057%
59	15.274	2088	2089	2094	rVB	2774	2983	0.51%	0.074%
60	15.410	2108	2112	2117	rBB	2462	3939	0.67%	0.098%
61	15.574	2136	2140	2142	rBV	482	792	0.14%	0.020%
62	15.798	2175	2178	2183	rBB	523	957	0.16%	0.024%
63	16.110	2227	2231	2232	rBV	502	732	0.12%	0.018%
64	16.786	2342	2346	2350	rVB	1740	2225	0.38%	0.056%
65	16.963	2370	2376	2381	rBV2	278636	383294	65.38%	9.563%
66	17.004	2381	2383	2389	rVV	20781	27188	4.64%	0.678%
67	17.068	2389	2394	2407	rVV	77060	132979	22.68%	3.318%
68	17.157	2407	2409	2412	rVB	844	886	0.15%	0.022%
69	17.433	2455	2456	2460	rVB	804	729	0.12%	0.018%
70	17.862	2521	2529	2532	rVV2	4135	6521	1.11%	0.163%
71	17.898	2534	2535	2539	rVV	906	898	0.15%	0.022%

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72	18.015	2552	2555	2556	rVV	571	712	0.12%	0.018%
73	18.039	2556	2559	2564	rVV2	5785	9503	1.62%	0.237%
74	18.080	2564	2566	2570	rVB2	3149	3528	0.60%	0.088%
75	18.304	2601	2604	2608	rBV	630	1134	0.19%	0.028%
76	18.357	2610	2613	2616	rBV2	1298	1730	0.30%	0.043%
77	18.445	2623	2628	2630	rBV	2004	2275	0.39%	0.057%
78	18.509	2637	2639	2641	rVB2	914	789	0.13%	0.020%
79	18.545	2643	2645	2646	rBV2	1566	876	0.15%	0.022%
80	18.604	2653	2655	2656	rVB	1239	724	0.12%	0.018%
81	18.727	2671	2676	2678	rVB	1208	1670	0.28%	0.042%
82	18.762	2678	2682	2687	rBV2	1771	4395	0.75%	0.110%
83	18.815	2687	2691	2692	rBV2	983	1061	0.18%	0.026%
84	18.839	2694	2695	2697	rBV	1327	725	0.12%	0.018%
85	18.909	2705	2707	2709	rVB	988	957	0.16%	0.024%
86	19.009	2722	2724	2725	rBV2	1515	1137	0.19%	0.028%
87	19.039	2725	2729	2735	rVV	15123	19466	3.32%	0.486%
88	19.198	2753	2756	2759	rBV3	2524	3429	0.58%	0.086%
89	19.286	2769	2771	2773	rBV2	1247	1113	0.19%	0.028%
90	19.374	2779	2786	2790	rBV	118824	172189	29.37%	4.296%
91	19.456	2798	2800	2803	rBV4	1287	979	0.17%	0.024%
92	19.486	2803	2805	2807	rVB2	1179	837	0.14%	0.021%
93	19.521	2807	2811	2814	rBV4	1417	2508	0.43%	0.063%
94	19.633	2826	2830	2831	rBV2	1622	1623	0.28%	0.040%
95	19.786	2854	2856	2857	rBV2	1548	1180	0.20%	0.029%
96	21.180	3088	3093	3102	rBV	299240	416970	71.12%	10.403%
97	22.180	3260	3263	3266	rVB2	24239	28207	4.81%	0.704%
98	22.662	3342	3345	3351	rVB3	35698	47332	8.07%	1.181%
99	23.233	3434	3442	3452	rVB2	58230	160945	27.45%	4.015%
100	23.374	3460	3466	3473	rBV	180988	347802	59.32%	8.677%

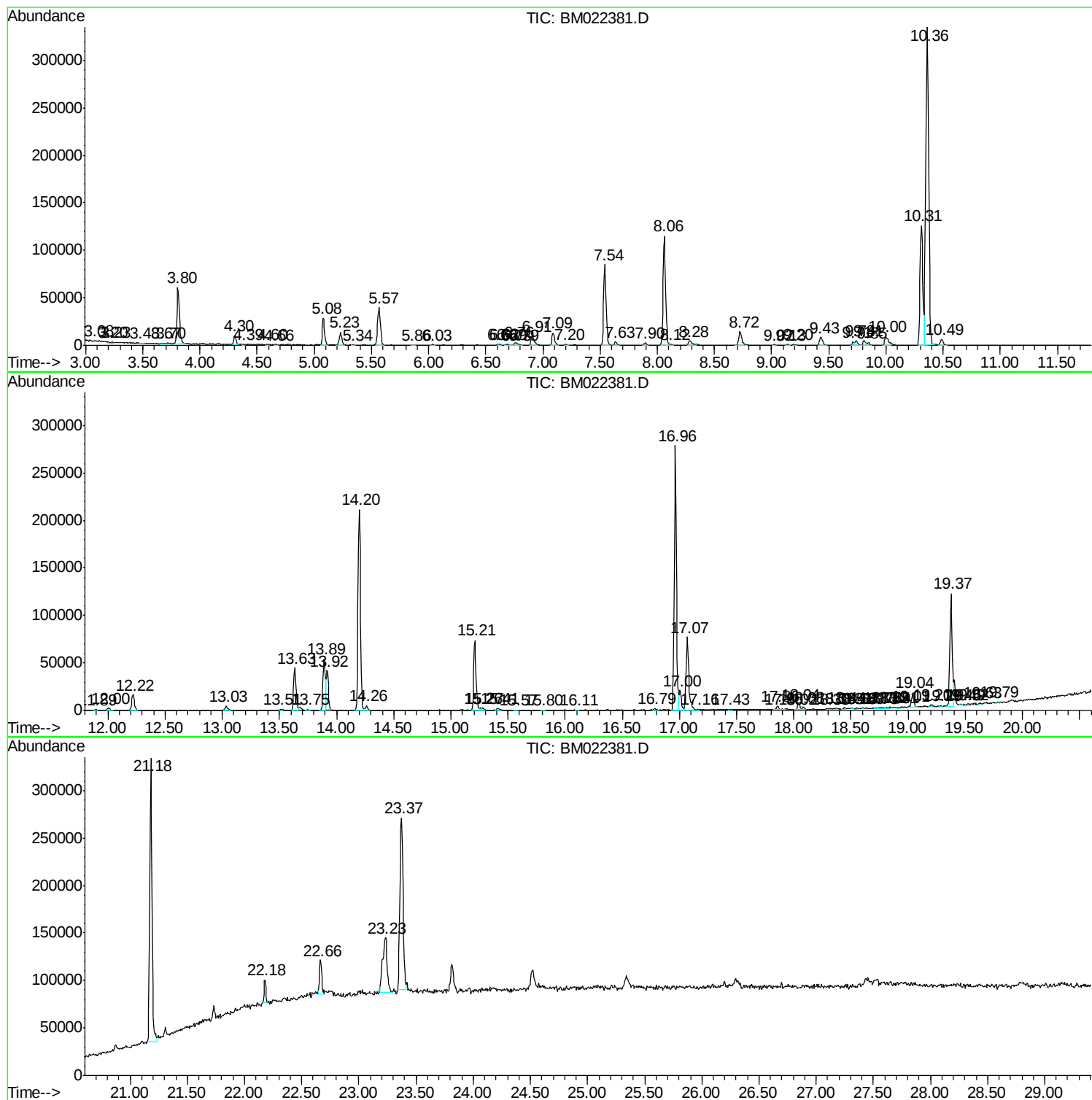
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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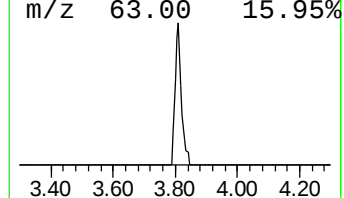
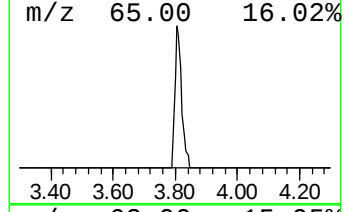
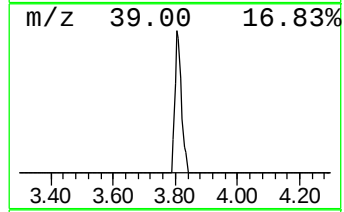
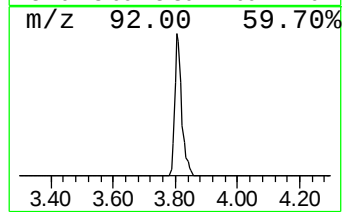
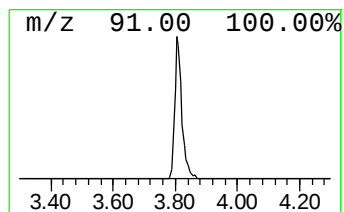
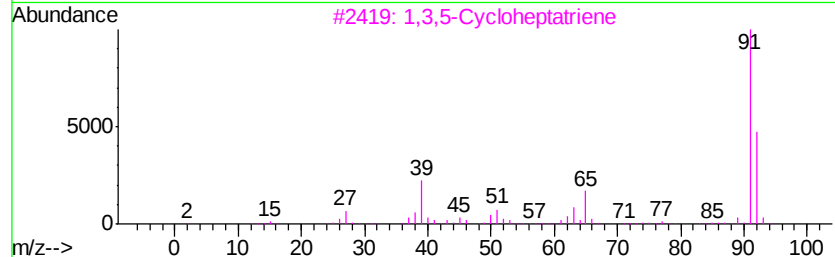
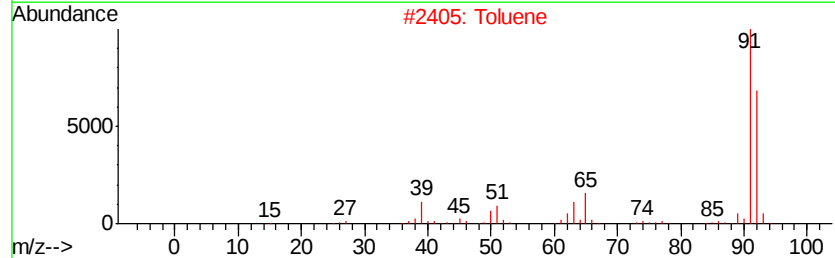
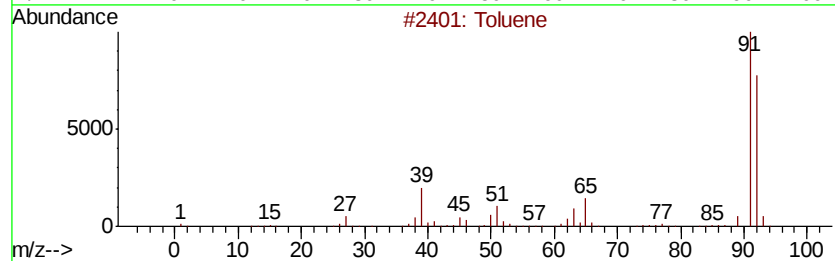
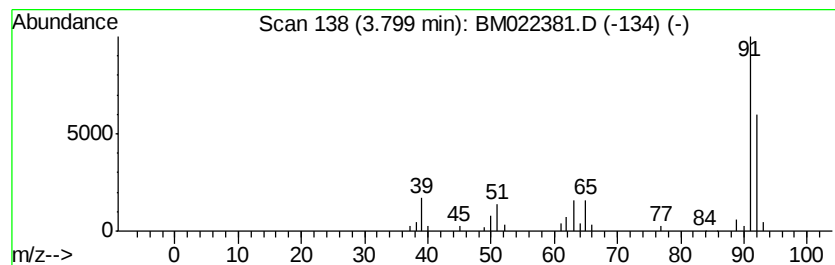
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	13.07 ng/ul	88686	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	94
2		Toluene	92	C7H8	000108-88-3	91
3		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
4		Toluene	92	C7H8	000108-88-3	90
5		Toluene	92	C7H8	000108-88-3	83



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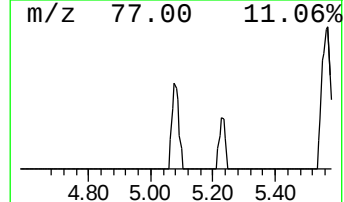
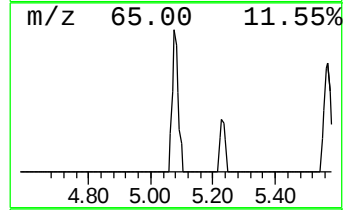
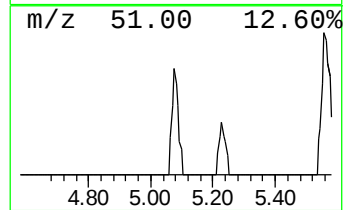
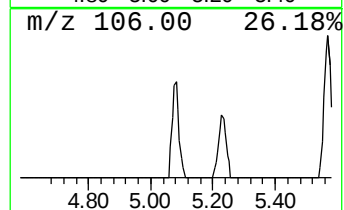
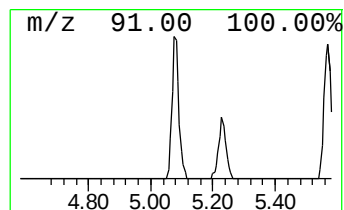
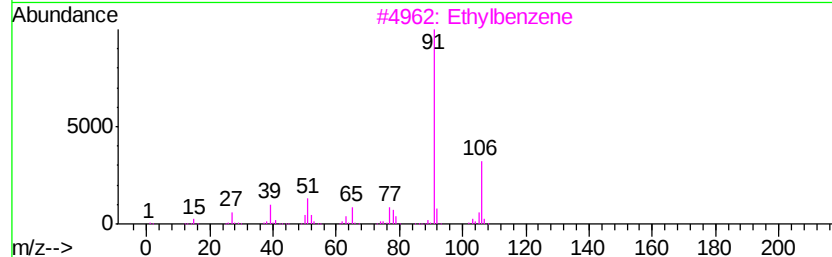
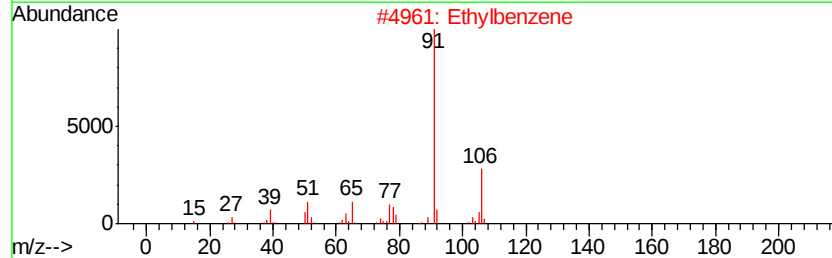
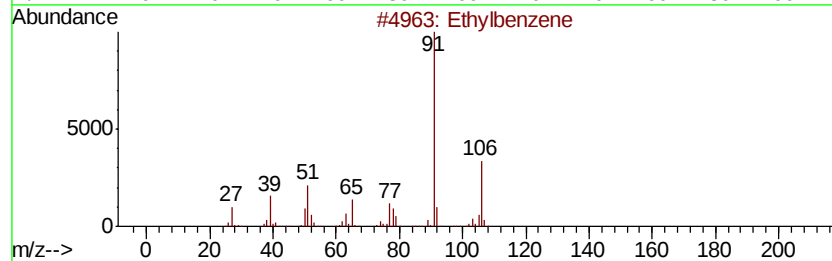
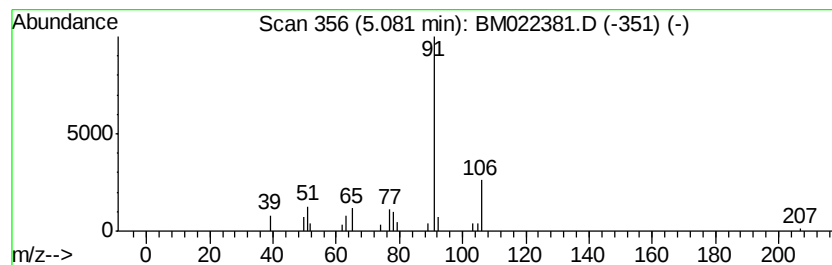
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.95 ng/ul	40375	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	91
2		Ethylbenzene	106	C8H10	000100-41-4	91
3		Ethylbenzene	106	C8H10	000100-41-4	91
4		Ethylbenzene	106	C8H10	000100-41-4	90
5		o-Xylene	106	C8H10	000095-47-6	72



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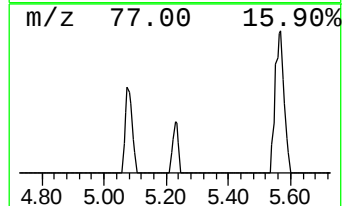
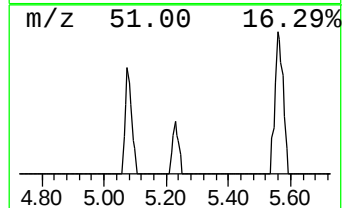
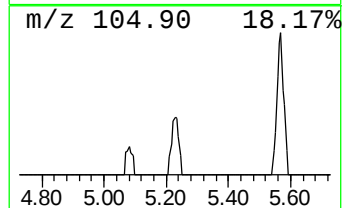
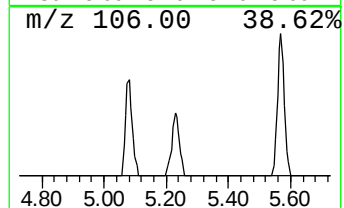
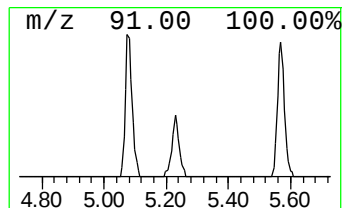
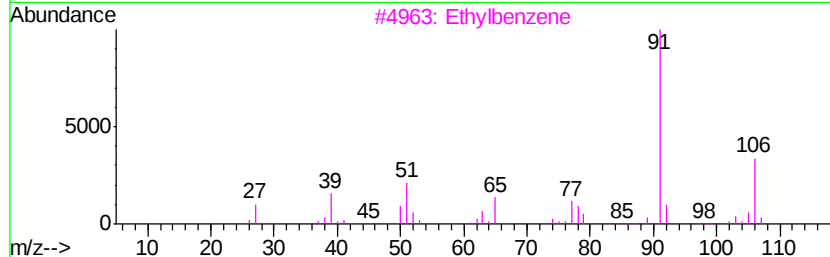
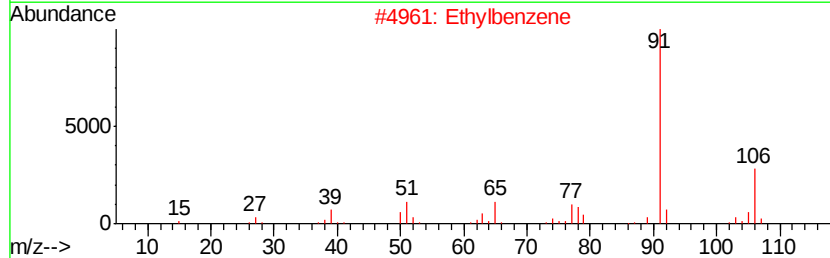
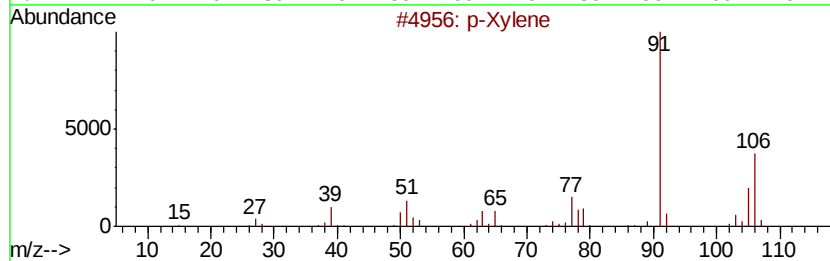
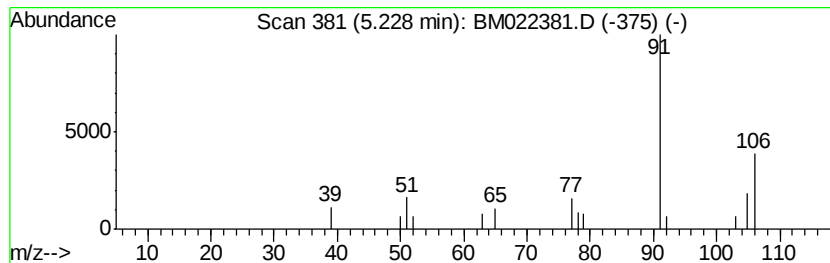
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	2.92 ng/ul	19834	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	90
2		Ethylbenzene	106	C8H10	000100-41-4	90
3		Ethylbenzene	106	C8H10	000100-41-4	78
4		Ethylbenzene	106	C8H10	000100-41-4	78
5		2,4-Octadiyne	106	C8H10	002809-71-4	72



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ClientSampleId :
ETJQ8DL

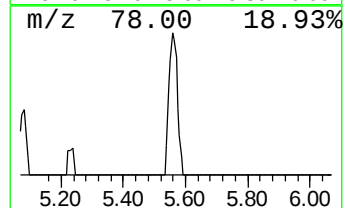
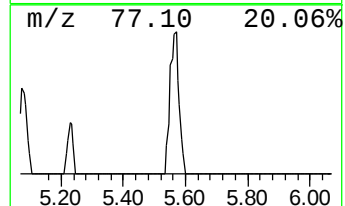
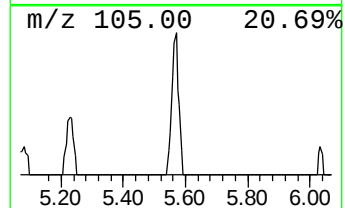
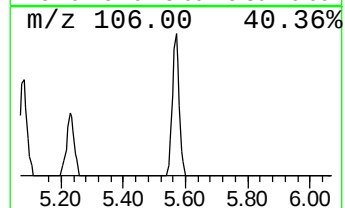
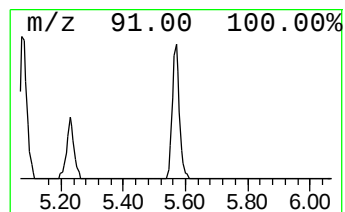
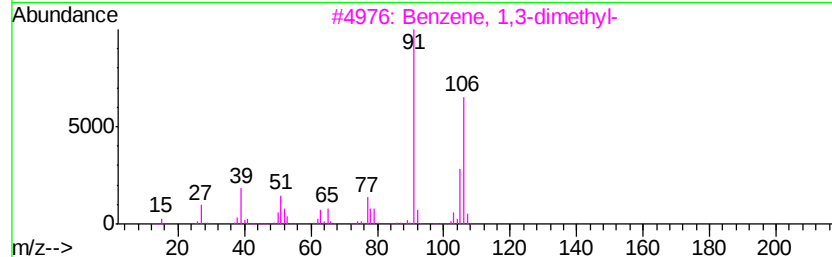
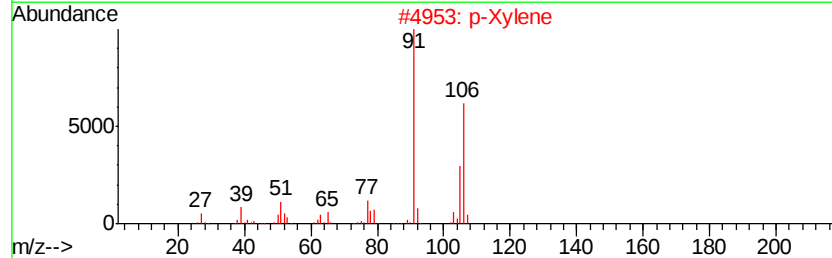
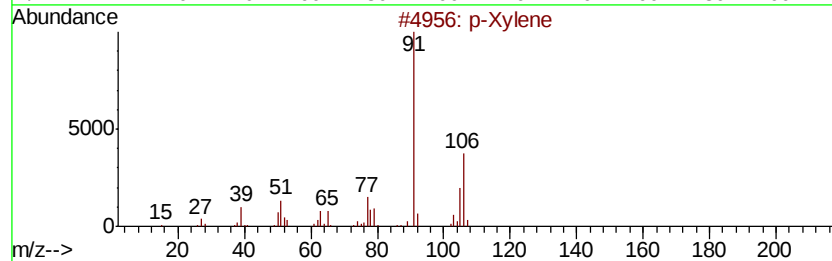
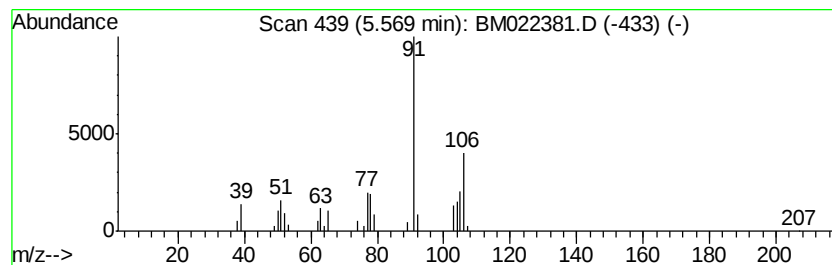
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	10.33 ng/ul	70075	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	87
2		p-Xylene	106	C8H10	000106-42-3	83
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83
4		p-Xylene	106	C8H10	000106-42-3	83
5		p-Xylene	106	C8H10	000106-42-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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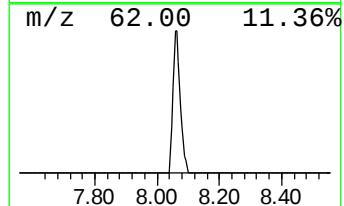
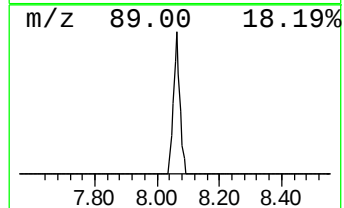
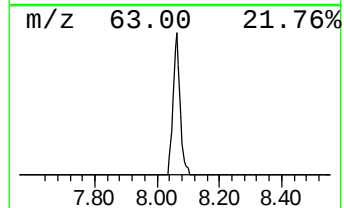
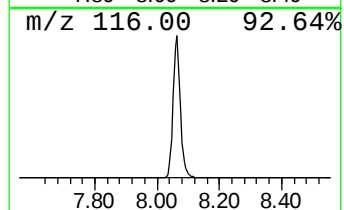
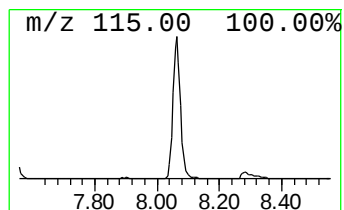
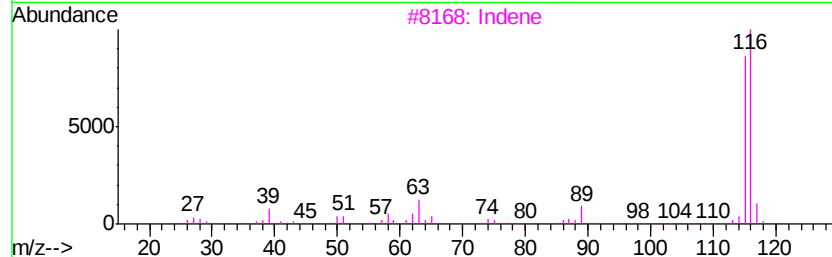
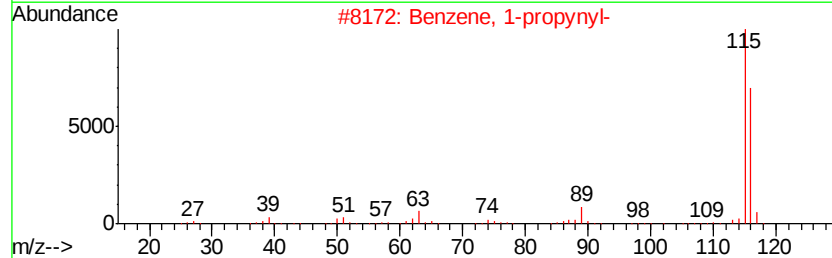
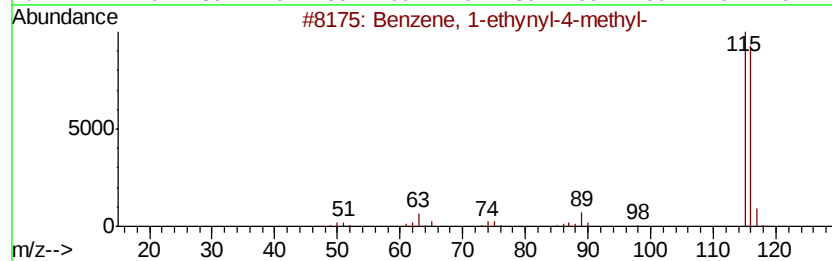
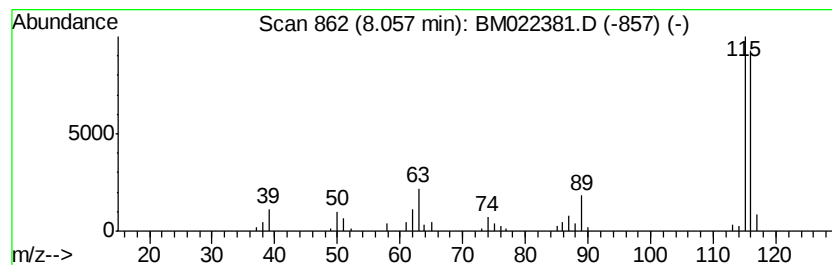
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethynyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	27.08 ng/ul	183755	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Indene	116	C9H8	000095-13-6	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

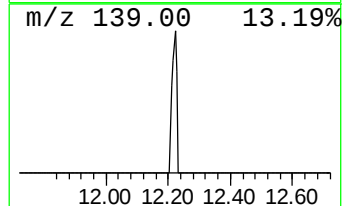
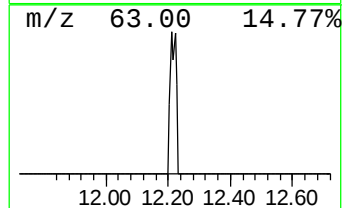
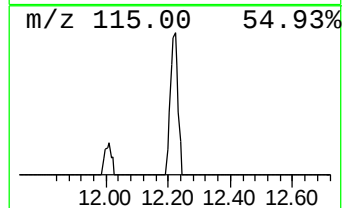
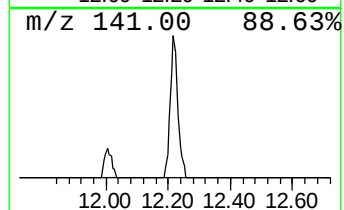
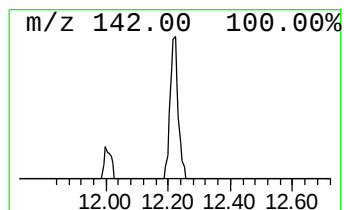
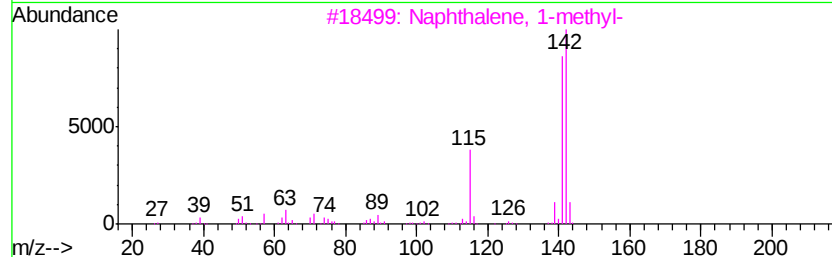
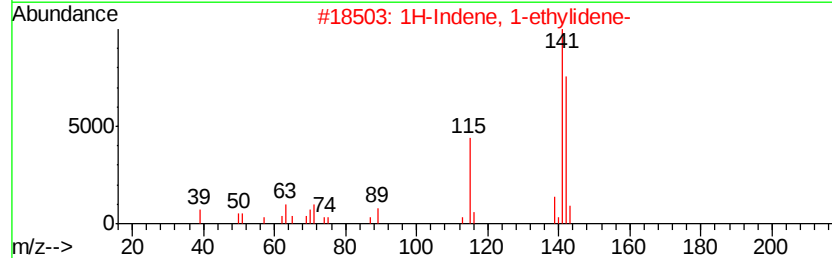
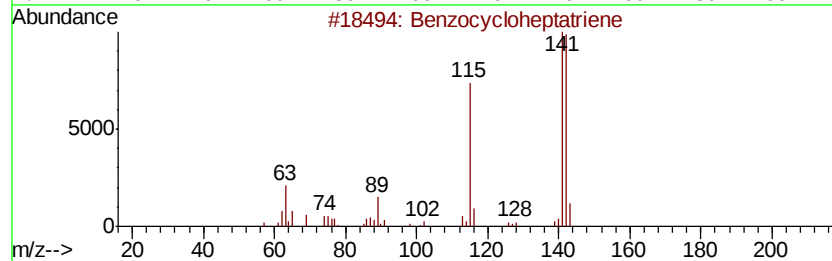
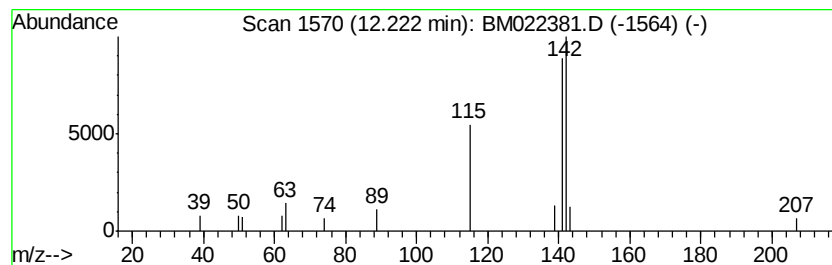
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.47 ng/ul	25862	Naphthalene-d8	10.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	91
2		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

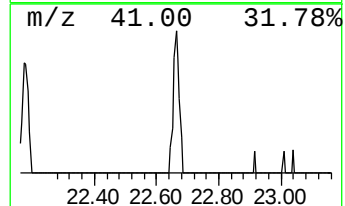
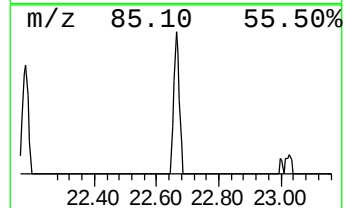
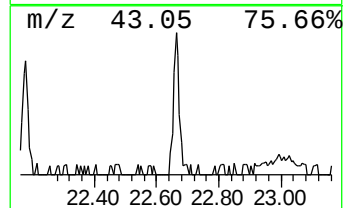
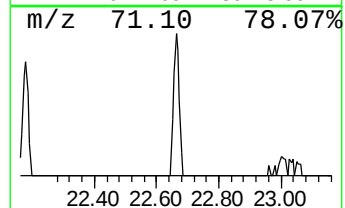
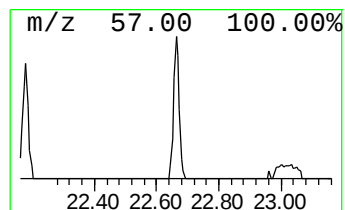
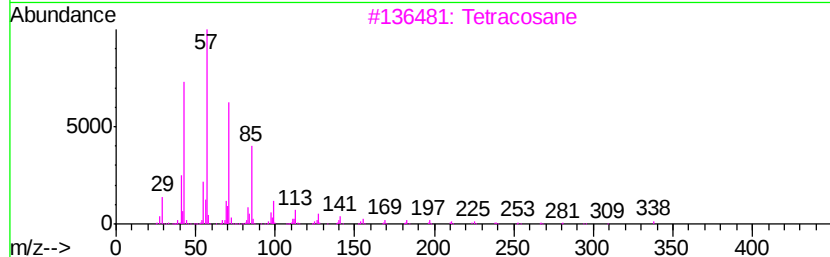
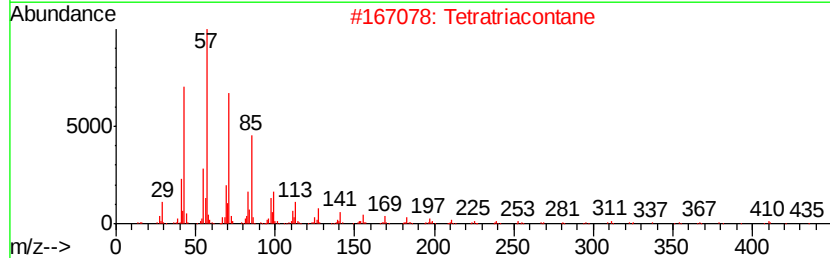
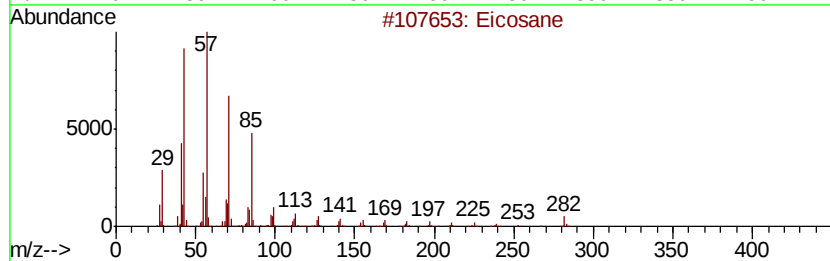
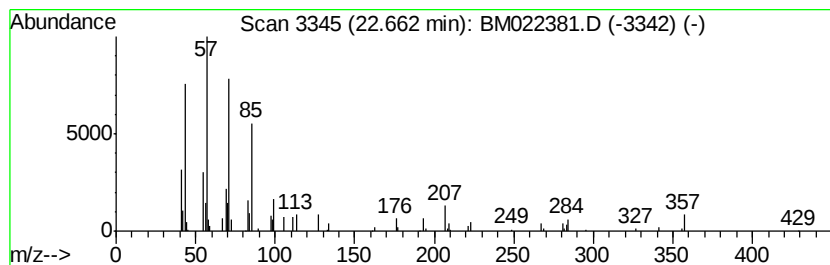
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.72 ng/ul	47332	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		Tetratriacontane	479	C34H70	014167-59-0	80
3		Tetracosane	338	C24H50	000646-31-1	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Toluene	3.80	13.1	ng/ul	88686	1	7.54	135728	20.0
Ethylbenzene	5.08	6.0	ng/ul	40375	1	7.54	135728	20.0
p-Xylene	5.23	2.9	ng/ul	19834	1	7.54	135728	20.0
unknown-01	5.57	10.3	ng/ul	70075	1	7.54	135728	20.0
Benzene, 1-ethyny...	8.06	27.1	ng/ul	183755	1	7.54	135728	20.0
Benzocycloheptatr...	12.22	2.5	ng/ul	25862	2	10.31	209231	20.0
(DEL) Alkane: Str...	22.66	2.7	ng/ul	47332	6	23.37	347802	20.0