

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005559.D
 Acq On : 09 May 2019 10:16
 Operator : JU/SJ
 Sample : K2606-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5143

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_N\METHODS\SOM-EPA-BN041919MA.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	3.210	35	38	48	rBV2	47200	81167	1.30%	0.108%
2	4.246	211	214	220	rVB2	32371	44886	0.72%	0.060%
3	5.069	352	354	363	rVB3	15174	22960	0.37%	0.030%
4	5.681	453	458	460	rBV	90512	142535	2.29%	0.189%
5	5.710	460	463	473	rVB	198339	302011	4.85%	0.401%
6	6.263	553	557	563	rVB2	31617	45470	0.73%	0.060%
7	6.622	613	618	627	rVV5	21959	55716	0.90%	0.074%
8	6.745	630	639	640	rVV	162898	218285	3.51%	0.290%
9	6.769	641	643	657	rVB2	223113	415127	6.67%	0.551%
10	6.934	665	671	682	rVB	586840	955814	15.35%	1.268%
11	7.022	683	686	691	rVB5	12214	20184	0.32%	0.027%
12	7.128	697	704	712	rBV	646338	1106524	17.78%	1.468%
13	7.292	728	732	738	rVB4	10128	17969	0.29%	0.024%
14	7.375	743	746	752	rVB2	19025	28736	0.46%	0.038%
15	7.587	775	782	789	rBV	1282051	2066242	33.19%	2.742%
16	7.651	789	793	802	rVB	136413	225304	3.62%	0.299%
17	7.734	802	807	813	rVB5	15362	27342	0.44%	0.036%
18	7.828	815	823	831	rBV	187242	348545	5.60%	0.462%
19	8.198	879	886	893	rVV3	32250	64987	1.04%	0.086%
20	8.287	895	901	911	rVV	548324	997670	16.03%	1.324%
21	8.369	911	915	916	rVV	48105	65750	1.06%	0.087%
22	8.398	916	920	926	rVB2	68928	121143	1.95%	0.161%
23	8.669	960	966	971	rBV	243028	398459	6.40%	0.529%
24	8.728	971	976	987	rVV	822816	1390027	22.33%	1.844%
25	8.822	987	992	996	rVV6	28640	48579	0.78%	0.064%
26	8.898	1000	1005	1014	rVB	185376	310655	4.99%	0.412%
27	9.292	1064	1072	1085	rBV	186632	292673	4.70%	0.388%
28	9.445	1089	1098	1103	rBV	664546	1166760	18.74%	1.548%
29	9.486	1103	1105	1112	rVV	73217	116230	1.87%	0.154%
30	9.557	1112	1117	1121	rVV	66919	111596	1.79%	0.148%
31	9.622	1121	1128	1136	rVV2	265745	578923	9.30%	0.768%
32	9.722	1138	1145	1150	rVV4	29570	73256	1.18%	0.097%
33	9.769	1150	1153	1158	rVB6	14085	20581	0.33%	0.027%
34	9.857	1158	1168	1177	rBV2	330599	707199	11.36%	0.938%

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35	9.975	1181	1188	1202	rBV	891159	1719952	27.63%	2.282%
36	10.139	1209	1216	1225	rVV4	36795	79021	1.27%	0.105%
37	10.269	1232	1238	1244	rBV3	40526	79410	1.28%	0.105%
38	10.345	1244	1251	1257	rVV	1874047	3150500	50.61%	4.180%
39	10.404	1257	1261	1269	rVV4	70114	143304	2.30%	0.190%
40	10.645	1296	1302	1310	rBV3	39026	71730	1.15%	0.095%
41	10.798	1324	1328	1336	rVB7	10161	22981	0.37%	0.030%
42	10.898	1338	1345	1351	rBV2	56581	115743	1.86%	0.154%
43	10.951	1351	1354	1358	rBV	22613	32234	0.52%	0.043%
44	10.998	1358	1362	1370	rVB	46897	82973	1.33%	0.110%
45	11.128	1374	1384	1388	rBV4	35858	87640	1.41%	0.116%
46	11.392	1427	1429	1440	rVB6	9448	23092	0.37%	0.031%
47	11.533	1446	1453	1460	rBV6	19047	42843	0.69%	0.057%
48	11.622	1462	1468	1473	rBV7	10155	21965	0.35%	0.029%
49	11.780	1488	1495	1502	rVB8	6392	16709	0.27%	0.022%
50	11.869	1504	1510	1515	rBV5	10906	22318	0.36%	0.030%
51	11.945	1518	1523	1531	rBV4	15757	34375	0.55%	0.046%
52	12.210	1564	1568	1574	rBV2	13528	21054	0.34%	0.028%
53	12.569	1621	1629	1638	rVV	166898	276434	4.44%	0.367%
54	12.675	1643	1647	1653	rVB3	19252	33686	0.54%	0.045%
55	12.822	1665	1672	1682	rBV	285661	422064	6.78%	0.560%
56	13.145	1718	1727	1745	rBV	388956	832759	13.38%	1.105%
57	13.457	1776	1780	1788	rVB5	22786	37669	0.61%	0.050%
58	13.639	1803	1811	1821	rVV	1948296	2885158	46.35%	3.828%
59	13.763	1827	1832	1839	rVB5	39122	56877	0.91%	0.075%
60	13.910	1846	1857	1867	rBV	2348000	3409253	54.77%	4.523%
61	14.098	1885	1889	1897	rBV2	30917	61004	0.98%	0.081%
62	14.222	1903	1910	1922	rBV2	2882843	4523029	72.66%	6.001%
63	14.310	1922	1925	1930	rVB6	10113	17087	0.27%	0.023%
64	14.463	1945	1951	1967	rBV4	103182	330831	5.31%	0.439%
65	14.821	2007	2012	2018	rBV4	17248	33789	0.54%	0.045%
66	14.921	2024	2029	2034	rBV5	10682	21688	0.35%	0.029%
67	14.980	2034	2039	2044	rVV2	23884	34726	0.56%	0.046%
68	15.063	2044	2053	2057	rVV2	149697	272650	4.38%	0.362%
69	15.221	2073	2080	2094	rBV	2957705	4385329	70.45%	5.819%
70	15.363	2098	2104	2116	rVV	576954	1025550	16.47%	1.361%
71	15.463	2117	2121	2127	rVB3	43769	70863	1.14%	0.094%

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72	15.598	2139	2144	2151	rVB2	51687	81058	1.30%	0.108%
73	16.010	2205	2214	2221	rVB5	13211	23751	0.38%	0.032%
74	16.763	2338	2342	2348	rVB2	15360	23756	0.38%	0.032%
75	16.974	2371	2378	2389	rBV2	3750704	5699027	91.55%	7.562%
76	17.074	2389	2395	2408	rVV2	3446849	5161929	82.92%	6.849%
77	17.280	2425	2430	2434	rVB	40370	47553	0.76%	0.063%
78	17.657	2489	2494	2500	rBV	1909360	2329057	37.41%	3.090%
79	17.892	2530	2534	2542	rBV5	28706	56955	0.91%	0.076%
80	17.962	2542	2546	2552	rVB	29099	50638	0.81%	0.067%
81	18.104	2566	2570	2574	rBV2	36897	51420	0.83%	0.068%
82	19.027	2723	2727	2731	rBV2	38034	49264	0.79%	0.065%
83	19.198	2750	2756	2760	rBV5	22298	35182	0.57%	0.047%
84	19.274	2765	2769	2775	rVB	34294	48269	0.78%	0.064%
85	19.345	2777	2781	2783	rBV3	18498	23185	0.37%	0.031%
86	19.392	2783	2789	2801	rVV	4437183	6225132	100.00%	8.260%
87	20.404	2958	2961	2968	rVB7	17634	20946	0.34%	0.028%
88	20.468	2968	2972	2976	rBV5	20002	28153	0.45%	0.037%
89	20.939	3050	3052	3060	rBV4	37005	43777	0.70%	0.058%
90	21.003	3060	3063	3066	rBV3	22261	23450	0.38%	0.031%
91	21.209	3092	3098	3109	rBV	4574181	6083129	97.72%	8.071%
92	21.386	3125	3128	3132	rVB	76177	84614	1.36%	0.112%
93	21.821	3198	3202	3206	rBV	117523	126649	2.03%	0.168%
94	22.274	3274	3279	3290	rBV2	342900	604459	9.71%	0.802%
95	22.774	3359	3364	3370	rVB	256351	363107	5.83%	0.482%
96	23.280	3442	3450	3455	rBV2	2341105	4673594	75.08%	6.201%
97	23.415	3465	3473	3493	rVB	2523003	5118051	82.22%	6.791%
98	23.950	3559	3564	3572	rBV2	254449	457682	7.35%	0.607%
99	24.674	3681	3687	3694	rVB	220512	446101	7.17%	0.592%
100	25.515	3825	3830	3839	rVB2	129901	300874	4.83%	0.399%

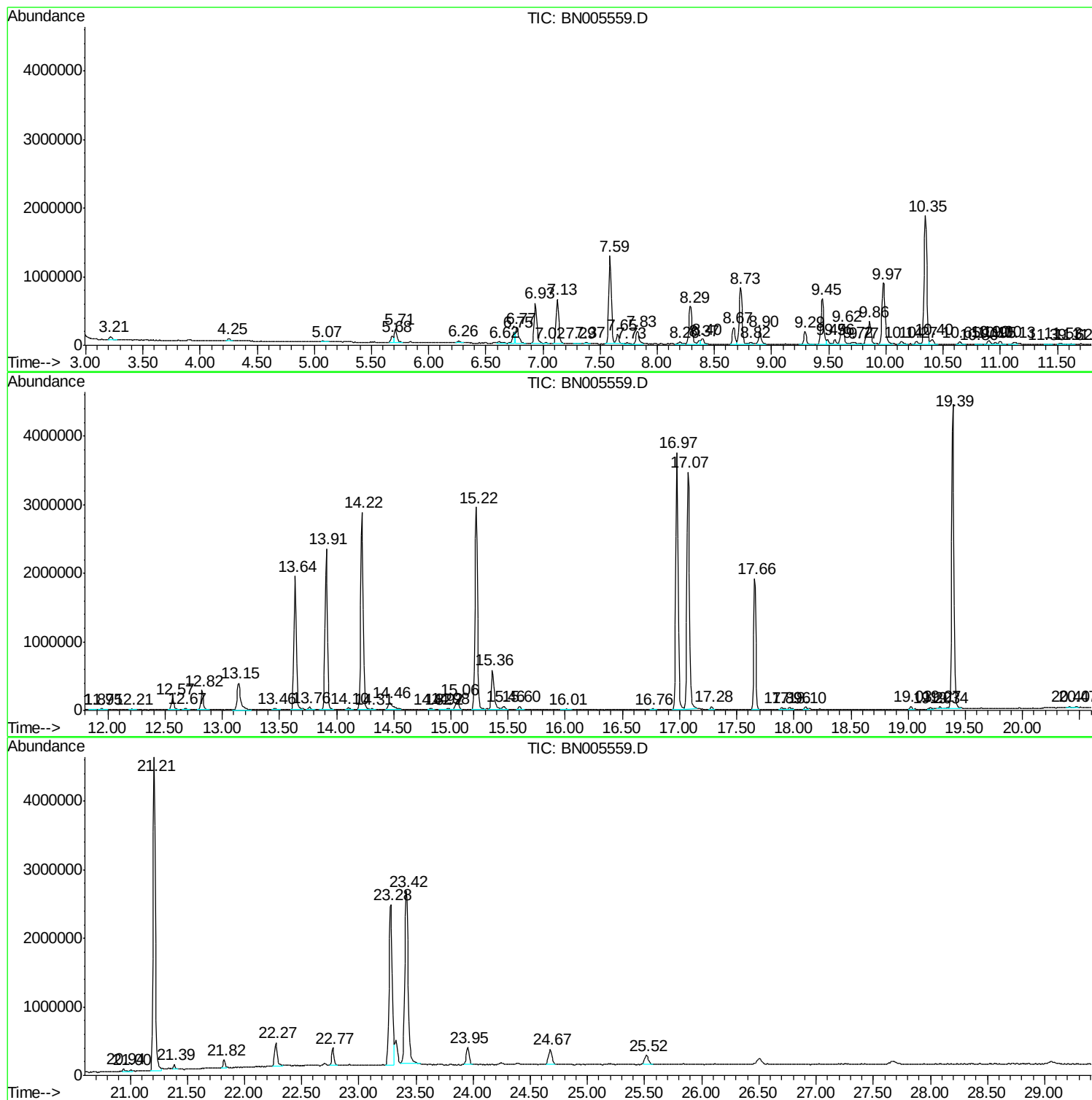
Sum of corrected areas: 75368357

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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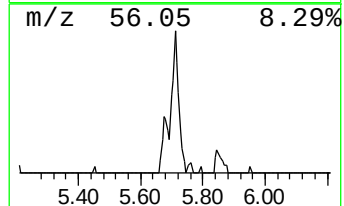
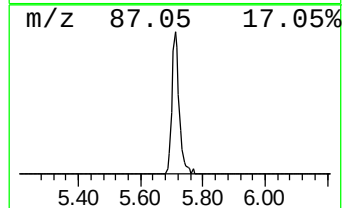
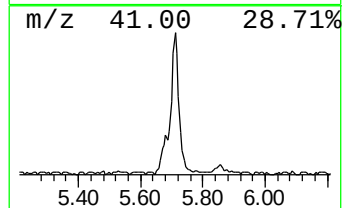
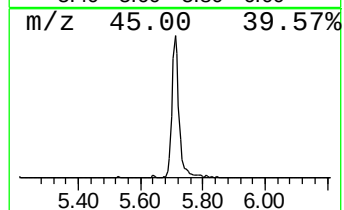
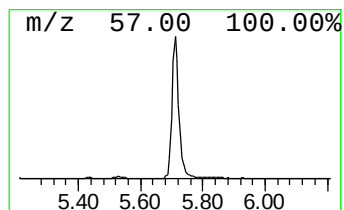
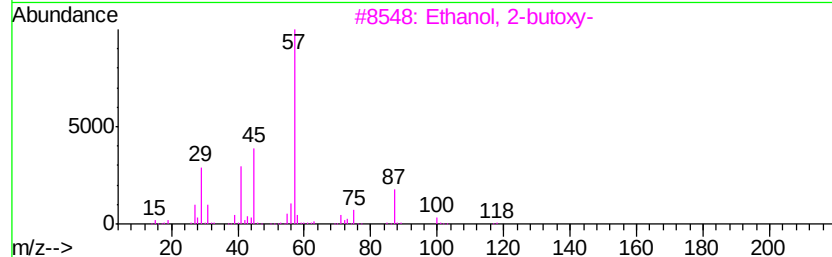
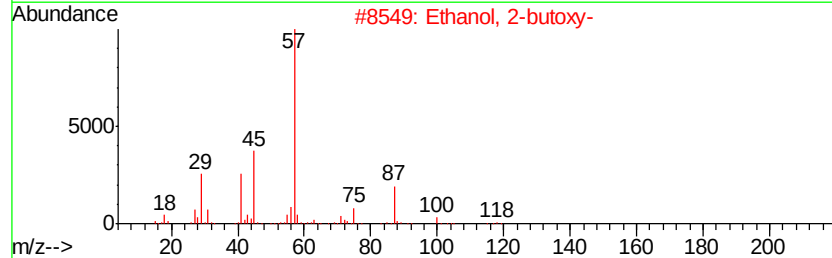
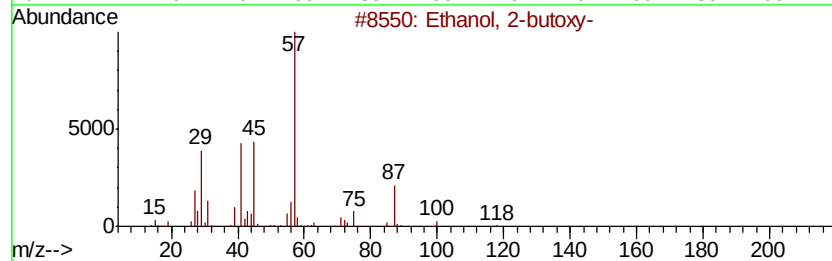
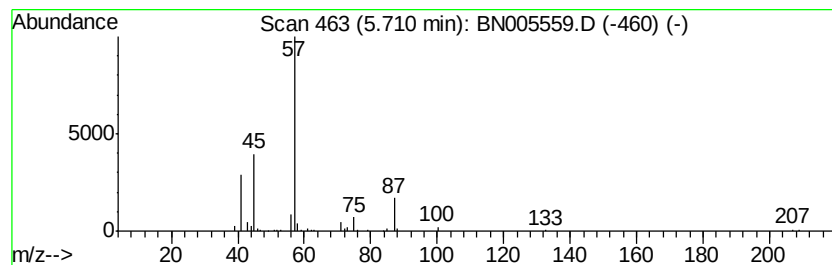
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	2.92 ng/ul	302011	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
4		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	42
5		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42



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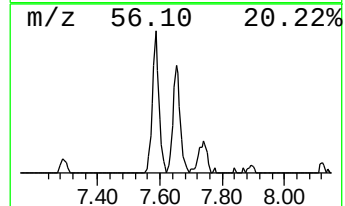
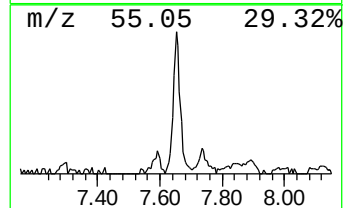
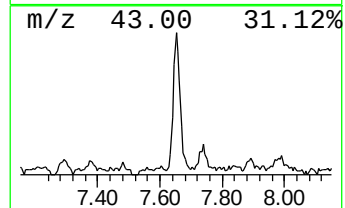
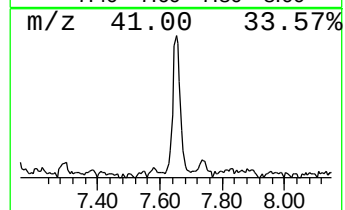
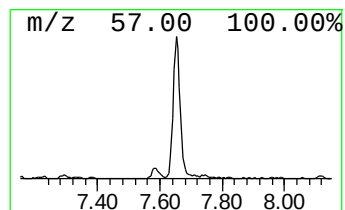
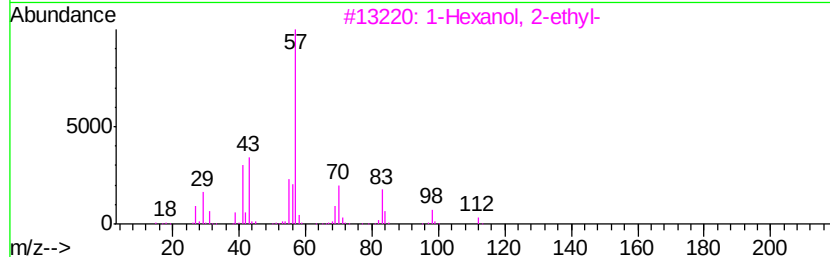
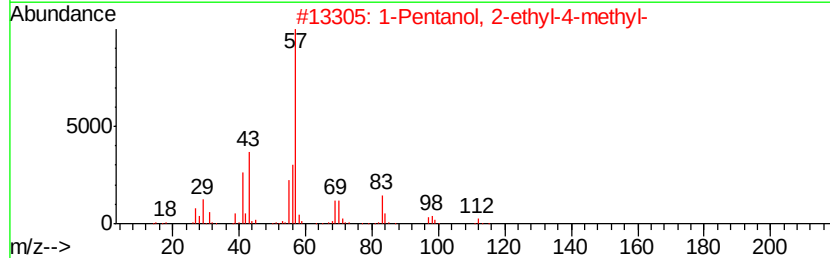
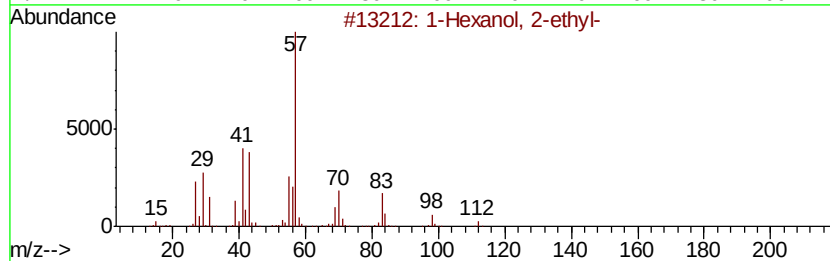
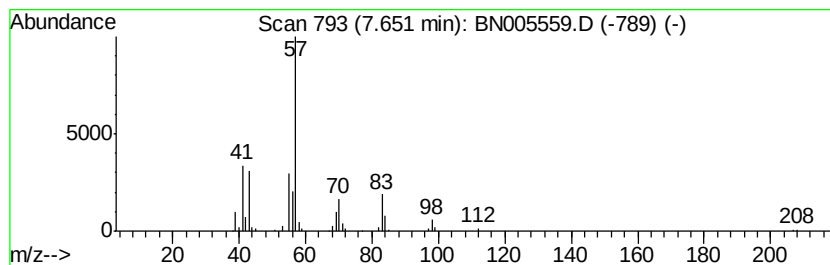
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	2.18 ng/ul	225304	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	83
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



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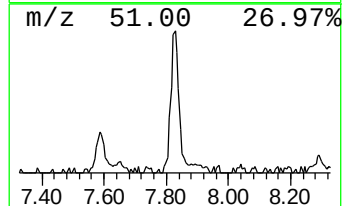
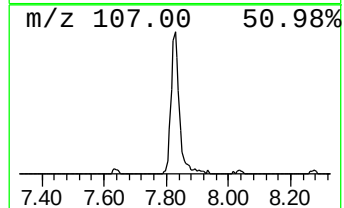
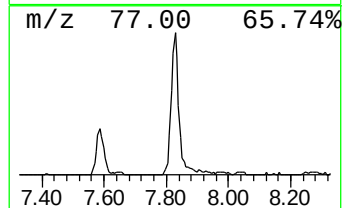
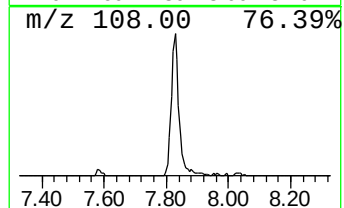
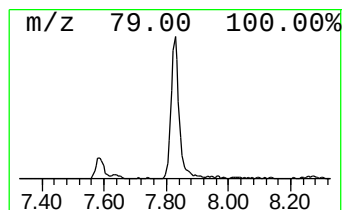
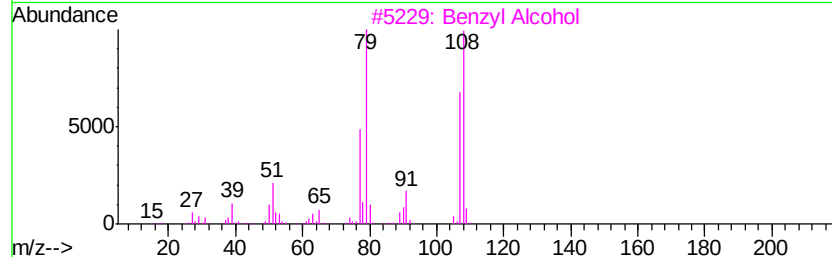
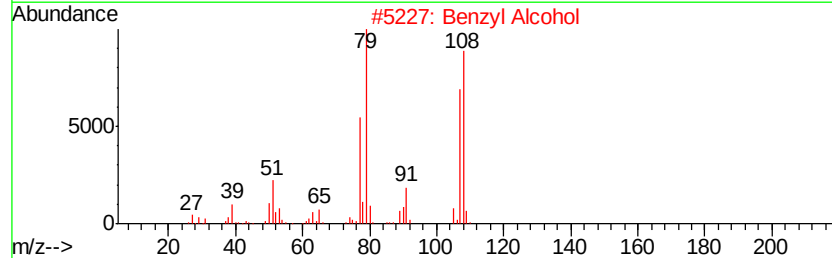
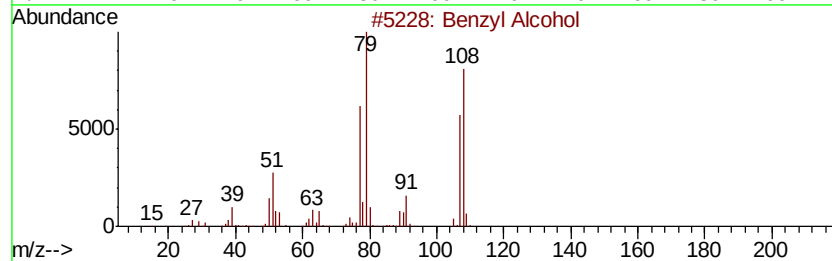
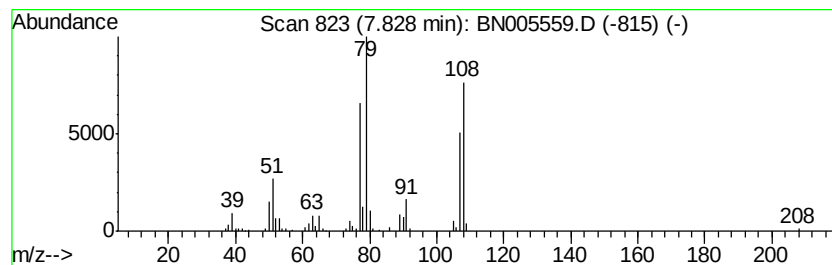
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.37 ng/ul	348545	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzyl Alcohol	108	C7H8O	000100-51-6	97
2		Benzyl Alcohol	108	C7H8O	000100-51-6	94
3		Benzyl Alcohol	108	C7H8O	000100-51-6	94
4		1,2-Ethanediol, 1,2-diphenyl-, [...	214	C14H14O2	052340-78-0	78
5		L-Arginine, N2-[(phenylmethoxy)c...	308	C14H20N4O4	001234-35-1	72



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Data File : BN005559.D
Acq On : 09 May 2019 10:16
Operator : JU/SJ
Sample : K2606-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampled :
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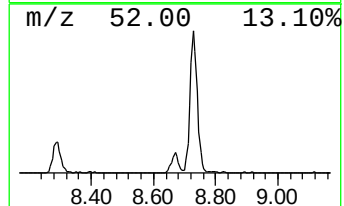
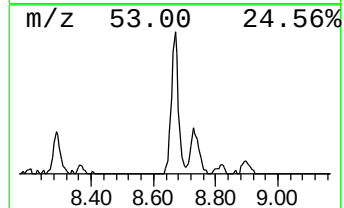
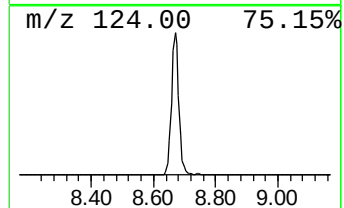
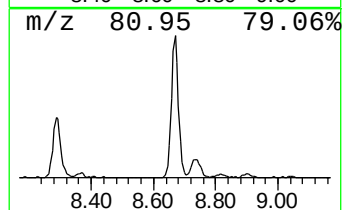
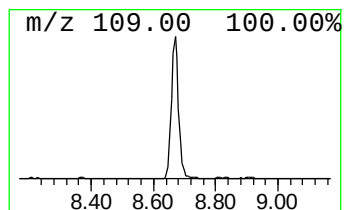
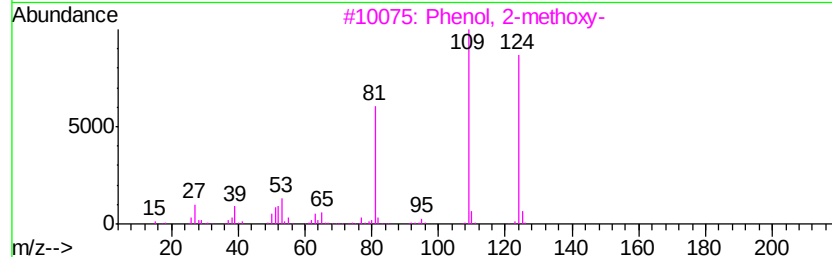
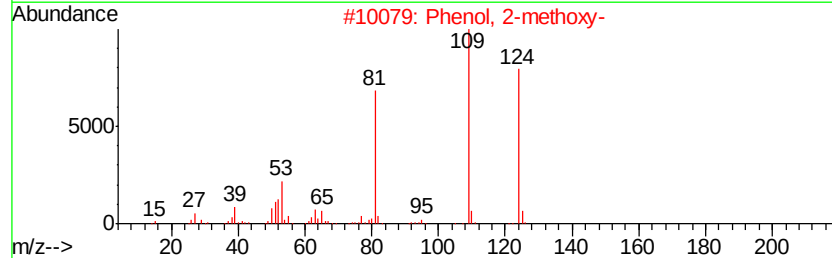
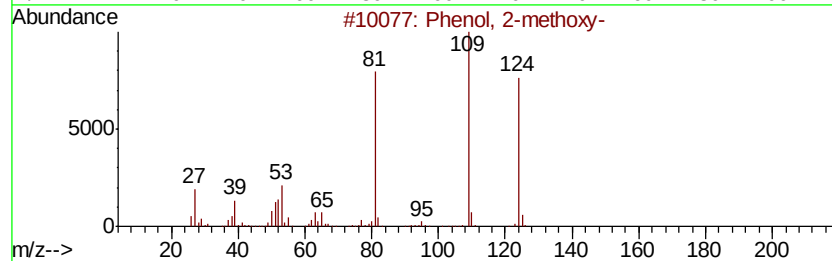
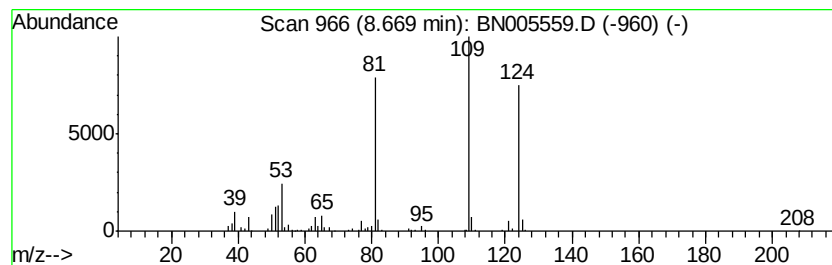
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	3.86 ng/ul	398459	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4		Mequinol	124	C7H8O2	000150-76-5	90
5		Mequinol	124	C7H8O2	000150-76-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005559.D
Acq On : 09 May 2019 10:16
Operator : JU/SJ
Sample : K2606-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampled :
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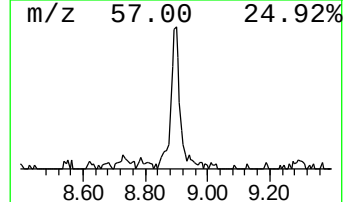
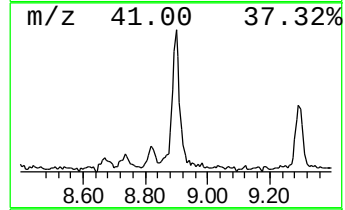
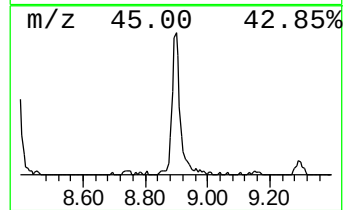
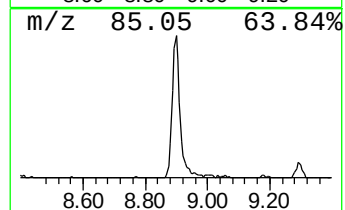
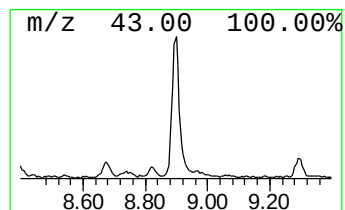
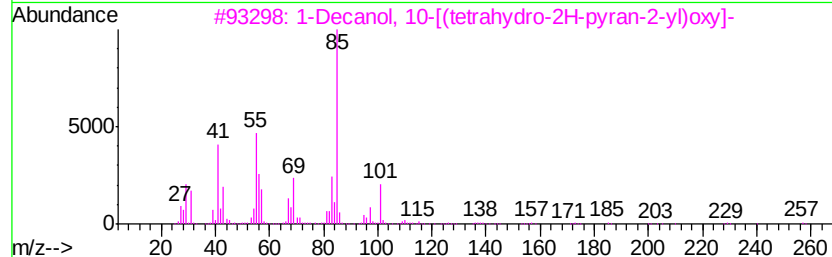
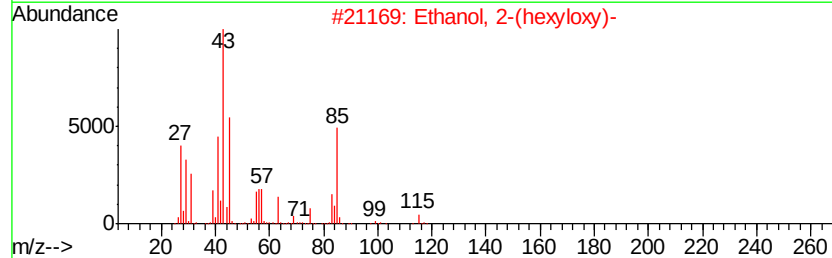
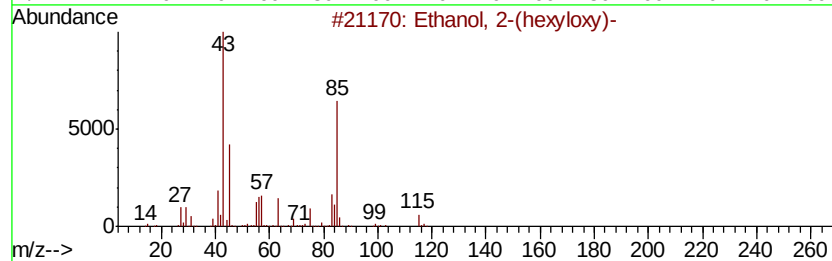
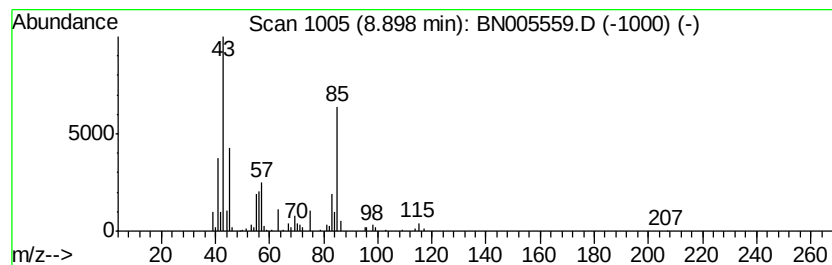
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ethanol, 2-(hexyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	3.01 ng/ul	310655	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	64
2		Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	53
3		1-Decanol, 10-[(tetrahydro-2H-pyran-2-yl)oxy]-	258	C15H30O3	043047-93-4	38
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	38
5		Hexane, 1,1'-[methylenebis(oxy)]-	216	C13H28O2	054815-12-2	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005559.D
Acq On : 09 May 2019 10:16
Operator : JU/SJ
Sample : K2606-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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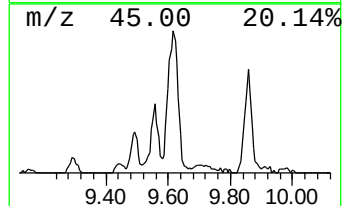
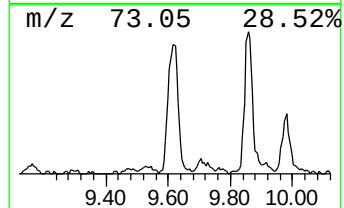
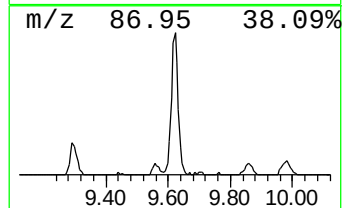
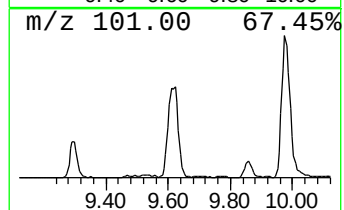
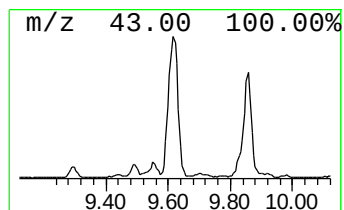
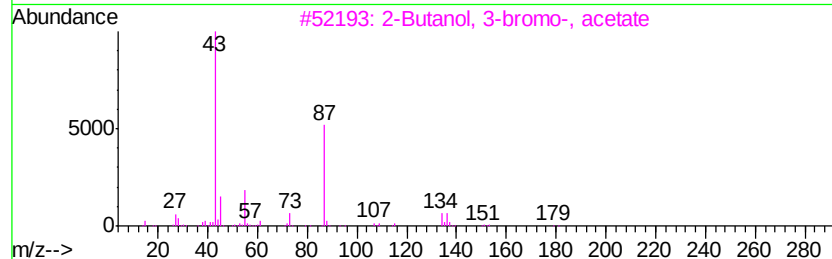
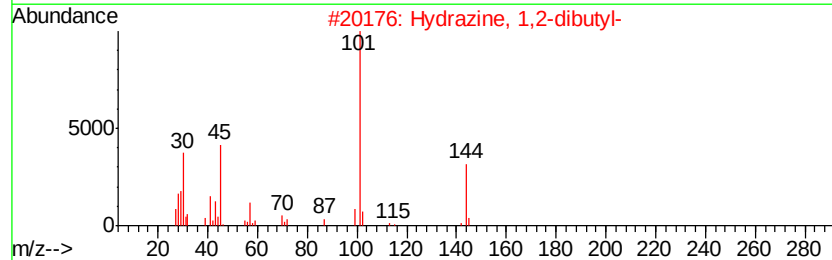
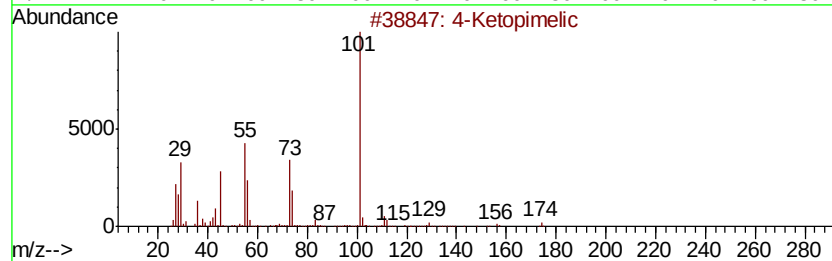
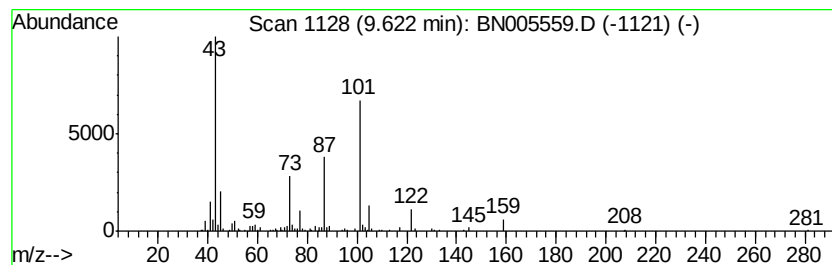
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	3.68 ng/ul	578923	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ketopimelic	174	C7H10O5	000502-50-1	23
2		Hydrazine, 1,2-dibutyl-	144	C8H20N2	001744-71-4	12
3		2-Butanol, 3-bromo-, acetate	194	C6H11BrO2	005798-81-2	12
4		2-Phenyl-2-tert-butoxycyclopropa...	262	C16H22O3	1000222-16-9	12
5		1,3-Dioxolane, 4,5-dimethyl-2-pe...	312	C20H40O2	056599-61-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005559.D
Acq On : 09 May 2019 10:16
Operator : JU/SJ
Sample : K2606-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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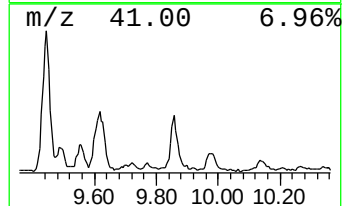
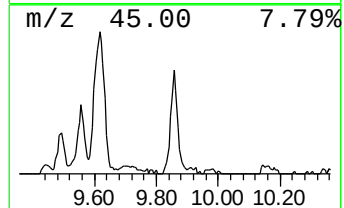
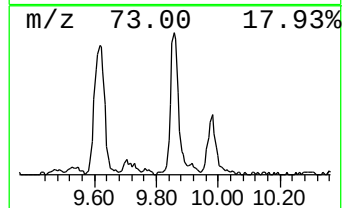
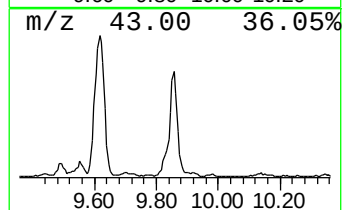
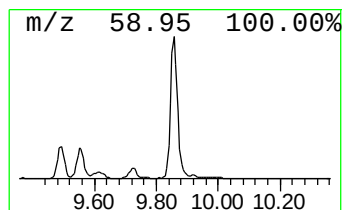
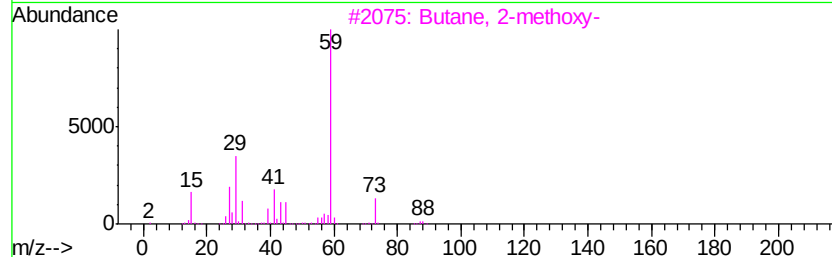
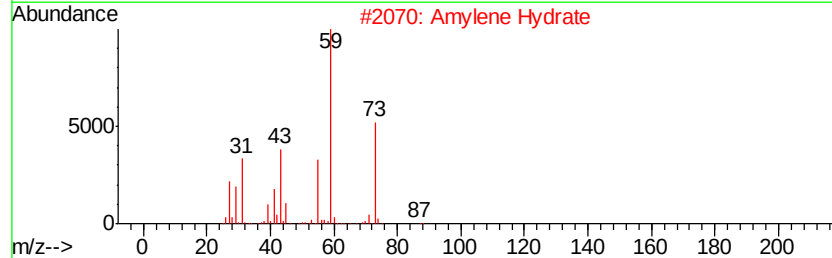
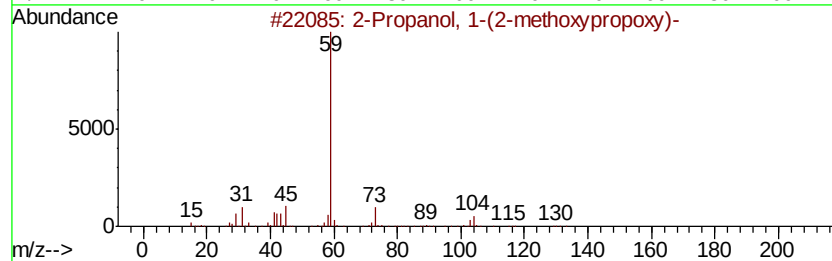
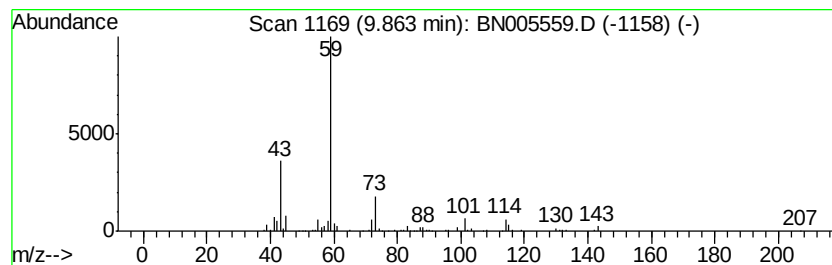
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	4.49 ng/ul	707199	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	64
2		Amylene Hydrate	88	C5H12O	000075-85-4	59
3		Butane, 2-methoxy-	88	C5H12O	006795-87-5	59
4		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	42
5		3-Hexanol	102	C6H14O	000623-37-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005559.D
Acq On : 09 May 2019 10:16
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Sample : K2606-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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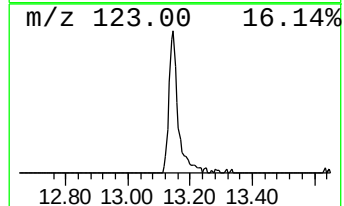
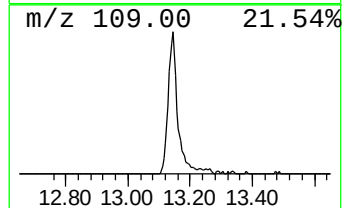
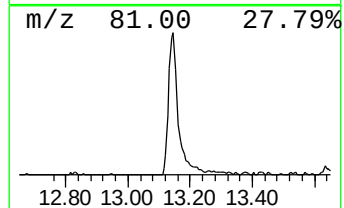
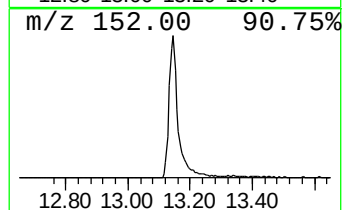
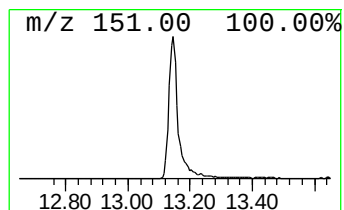
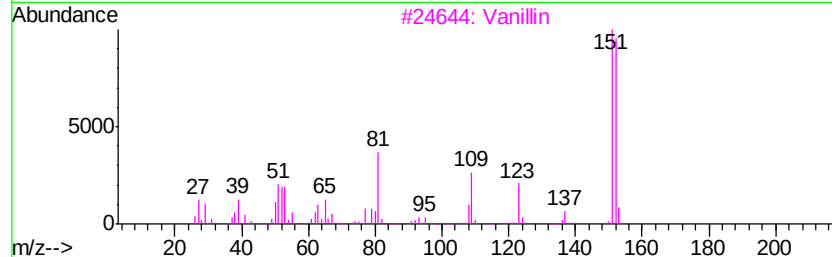
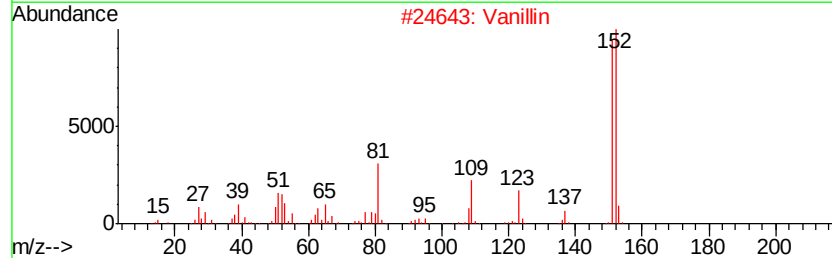
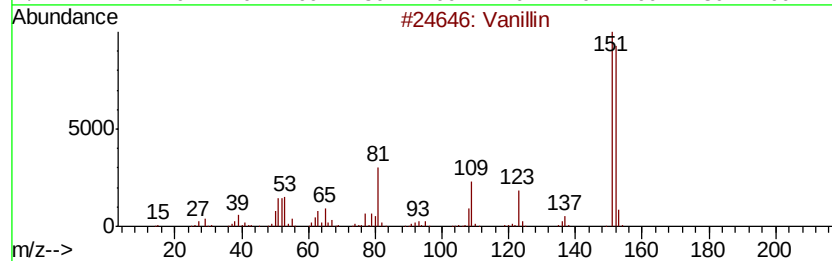
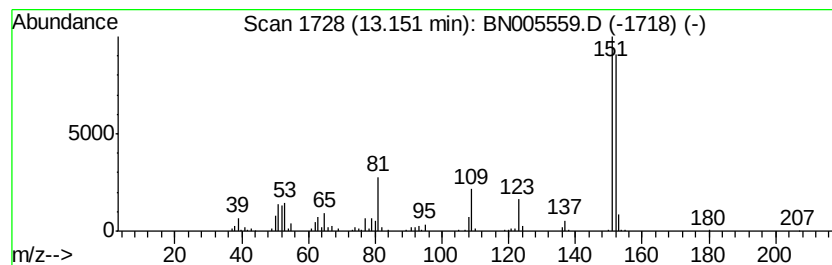
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.68 ng/ul	832759	Acenaphthene-d10	14.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	97
2	Vanillin		152	C8H8O3	000121-33-5	97
3	Vanillin		152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	94
5	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
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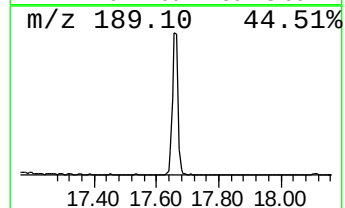
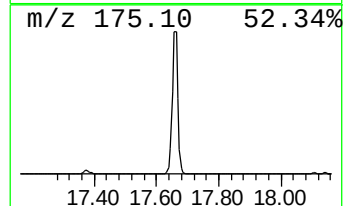
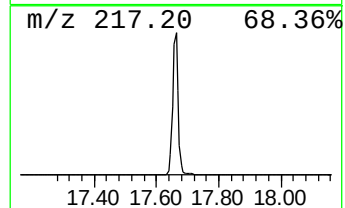
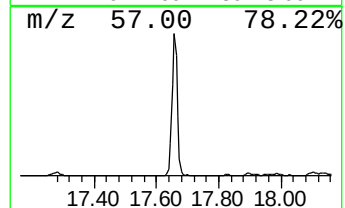
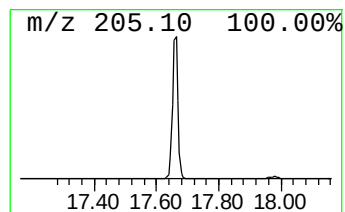
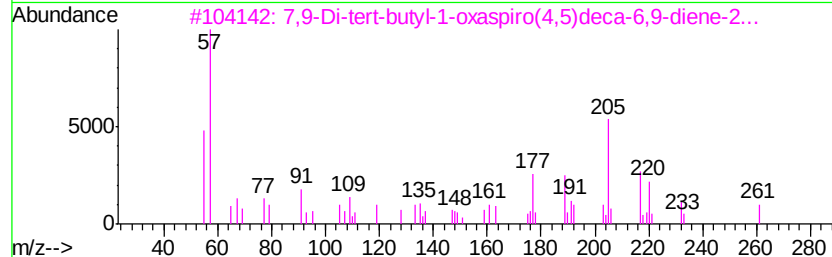
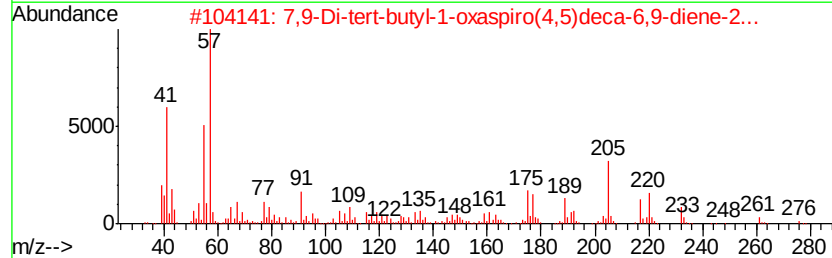
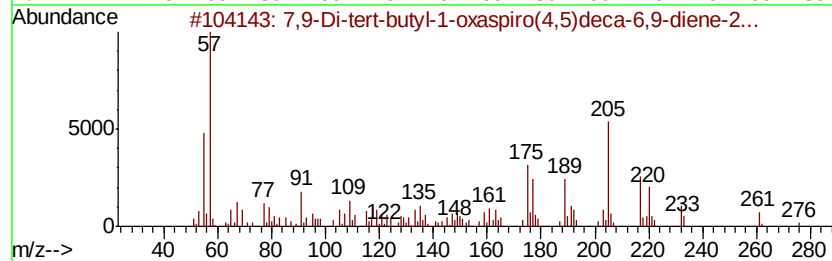
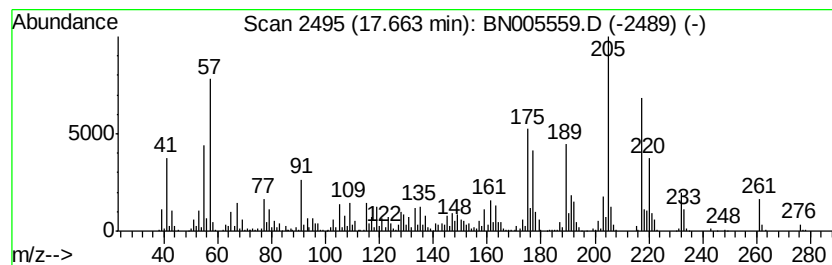
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.66	8.17 ng/ul	2329060	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99	
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	97	
3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90	
4	2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	80	
5	Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromeno[2,1-b]pyridin-2-yl)-	220	C14H20O2	071596-88-8	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005559.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
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1-Hexanol, 2-ethyl-	7.65	2.2	ng/ul	225304	1	7.59	2066240	20.0
Benzyl Alcohol	7.83	3.4	ng/ul	348545	1	7.59	2066240	20.0
Phenol, 2-methoxy-	8.67	3.9	ng/ul	398459	1	7.59	2066240	20.0
Ethanol, 2-(hexyl...	8.90	3.0	ng/ul	310655	1	7.59	2066240	20.0
unknown-01	9.62	3.7	ng/ul	578923	2	10.35	3150500	20.0
2-Propanol, 1-(2-...	9.86	4.5	ng/ul	707199	2	10.35	3150500	20.0
Vanillin	13.15	3.7	ng/ul	832759	3	14.22	4523030	20.0
7,9-Di-tert-butyl...	17.66	8.2	ng/ul	2329060	4	16.97	5699030	20.0