

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028206.D
 Acq On : 21 Dec 2020 12:01
 Operator : JU/CG
 Sample : L5071-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54K5

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-BM121520MA.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	3.334	22	25	31	rVB2	4170	6213	0.19%	0.008%
2	3.410	34	38	41	rBV	34572	42527	1.33%	0.058%
3	3.446	41	44	54	rVB	131957	173338	5.41%	0.234%
4	3.752	92	96	97	rBV2	3008	3872	0.12%	0.005%
5	3.922	120	125	130	rBV	7551	10421	0.33%	0.014%
6	3.975	130	134	142	rVB5	2394	4982	0.16%	0.007%
7	4.222	172	176	180	rBV	6204	7906	0.25%	0.011%
8	4.575	231	236	246	rBV	663234	874110	27.29%	1.182%
9	5.216	340	345	357	rVB	495708	682905	21.32%	0.923%
10	6.234	516	518	524	rBV5	2146	3637	0.11%	0.005%
11	6.346	534	537	545	rVB6	3427	6362	0.20%	0.009%
12	6.446	550	554	561	rVB2	3106	5691	0.18%	0.008%
13	7.340	696	706	722	rBV	540942	892687	27.87%	1.207%
14	7.516	728	736	745	rBV	394514	620924	19.39%	0.840%
15	7.610	745	752	762	rVB	606450	876654	27.37%	1.185%
16	7.722	765	771	774	rBV	539632	926219	28.92%	1.253%
17	7.757	774	777	784	rVV	667875	981214	30.64%	1.327%
18	8.204	846	853	859	rBV	401276	631185	19.71%	0.854%
19	8.257	859	862	867	rVB2	4953	7055	0.22%	0.010%
20	8.728	931	942	949	rBV	370998	910544	28.43%	1.231%
21	8.787	949	952	958	rVB	38849	55438	1.73%	0.075%
22	8.910	963	973	983	rBV	593974	973973	30.41%	1.317%
23	9.016	983	991	999	rVB	361656	543293	16.96%	0.735%
24	9.298	1033	1039	1046	rBV	415611	680123	21.24%	0.920%
25	9.381	1046	1053	1056	rVV	459590	789071	24.64%	1.067%
26	9.422	1056	1060	1071	rVV	525505	836621	26.12%	1.131%
27	9.528	1075	1078	1084	rVB3	2885	4390	0.14%	0.006%
28	9.769	1112	1119	1124	rBV	17217	25503	0.80%	0.034%
29	10.104	1169	1176	1185	rBV	385375	626914	19.57%	0.848%
30	10.422	1223	1230	1240	rBV	471136	734261	22.93%	0.993%
31	10.645	1260	1268	1270	rBV	635644	1139603	35.58%	1.541%
32	10.669	1270	1272	1283	rVB	664469	866556	27.06%	1.172%
33	11.033	1321	1334	1338	rBV	515832	898043	28.04%	1.214%
34	11.081	1338	1342	1349	rVB	740361	1190346	37.17%	1.610%

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35	11.157	1349	1355	1362	rBV	527557	882284	27.55%	1.193%
36	11.357	1382	1389	1397	rVB	404294	647373	20.21%	0.875%
37	12.133	1516	1521	1527	rBV4	3261	5227	0.16%	0.007%
38	12.416	1564	1569	1574	rBV3	6640	9065	0.28%	0.012%
39	12.528	1581	1588	1596	rBV	29156	44316	1.38%	0.060%
40	12.604	1596	1601	1608	rBV2	10029	15940	0.50%	0.022%
41	12.798	1629	1634	1640	rBV4	18981	32972	1.03%	0.045%
42	12.892	1642	1650	1659	rVB	945655	1392713	43.48%	1.883%
43	13.016	1664	1671	1673	rBV2	412353	683086	21.33%	0.924%
44	13.269	1707	1714	1720	rBV	952439	1401304	43.75%	1.895%
45	13.339	1720	1726	1733	rVB	595238	899811	28.09%	1.217%
46	13.639	1771	1777	1780	rBV	13871	19723	0.62%	0.027%
47	13.716	1784	1790	1798	rVB	891263	1308406	40.85%	1.769%
48	14.227	1871	1877	1881	rBV	933476	1310941	40.93%	1.773%
49	14.274	1881	1885	1893	rVV	1043541	1373831	42.89%	1.858%
50	14.398	1900	1906	1912	rBV	375706	496739	15.51%	0.672%
51	14.527	1921	1928	1931	rBV	1164764	1922653	60.03%	2.600%
52	14.557	1931	1933	1942	rVB	825243	940687	29.37%	1.272%
53	14.704	1952	1958	1963	rVB	8297	12025	0.38%	0.016%
54	14.827	1973	1979	1985	rBV	691164	1031237	32.20%	1.395%
55	14.892	1985	1990	1998	rVB	867285	1203672	37.58%	1.628%
56	14.998	2002	2008	2018	rBV	454487	670580	20.94%	0.907%
57	15.092	2018	2024	2030	rVV	531393	736798	23.00%	0.996%
58	15.174	2032	2038	2042	rVV	297809	414096	12.93%	0.560%
59	15.221	2042	2046	2056	rVB	838859	1156713	36.12%	1.564%
60	15.439	2077	2083	2087	rVV5	6118	9327	0.29%	0.013%
61	15.621	2108	2114	2122	rBV	889360	1117202	34.88%	1.511%
62	15.810	2140	2146	2150	rBV	1364445	1997780	62.38%	2.702%
63	15.863	2150	2155	2160	rVV2	1168764	1999983	62.44%	2.705%
64	15.916	2160	2164	2177	rVV	405150	572885	17.89%	0.775%
65	16.045	2180	2186	2193	rVV2	17907	27932	0.87%	0.038%
66	16.263	2219	2223	2226	rBV5	2035	3698	0.12%	0.005%
67	16.445	2250	2254	2257	rBV4	5491	8140	0.25%	0.011%
68	16.498	2260	2263	2265	rVV3	5125	7342	0.23%	0.010%
69	16.527	2265	2268	2272	rVV6	6245	9142	0.29%	0.012%
70	16.580	2275	2277	2282	rVB3	5053	6294	0.20%	0.009%
71	16.739	2298	2304	2310	rBV	679942	856839	26.75%	1.159%

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72	16.863	2318	2325	2330	rBV	440049	626172	19.55%	0.847%
73	17.198	2374	2382	2391	rBV	734086	1014911	31.69%	1.372%
74	17.280	2394	2396	2401	rVV5	7118	8639	0.27%	0.012%
75	17.339	2401	2406	2410	rVV8	7194	9931	0.31%	0.013%
76	17.551	2435	2442	2447	rBV	779307	1127007	35.19%	1.524%
77	17.645	2452	2458	2461	rVV	1465932	2093484	65.36%	2.831%
78	17.680	2461	2464	2476	rVB	1746729	2382487	74.39%	3.222%
79	17.886	2494	2499	2500	rBV5	3188	4939	0.15%	0.007%
80	17.945	2502	2509	2515	rVV	1373556	1931359	60.30%	2.612%
81	18.015	2518	2521	2524	rVB3	6375	6728	0.21%	0.009%
82	18.145	2540	2543	2547	rVB5	10918	12407	0.39%	0.017%
83	18.404	2582	2587	2595	rBV2	62326	95930	3.00%	0.130%
84	18.480	2595	2600	2608	rVV	1287756	1580829	49.36%	2.138%
85	18.698	2634	2637	2639	rBV3	5559	6322	0.20%	0.009%
86	18.945	2674	2679	2685	rBV2	28324	42686	1.33%	0.058%
87	19.545	2777	2781	2785	rBV2	18182	23563	0.74%	0.032%
88	19.656	2796	2800	2806	rBV7	18359	31617	0.99%	0.043%
89	19.798	2821	2824	2831	rVB	14437	21126	0.66%	0.029%
90	19.904	2836	2842	2850	rBV	1746385	2352168	73.44%	3.181%
91	20.798	2989	2994	2998	rBV	1497626	1701484	53.12%	2.301%
92	21.350	3083	3088	3098	rBV	412218	647846	20.23%	0.876%
93	21.550	3118	3122	3128	rBV	1178832	1243299	38.82%	1.681%
94	21.650	3133	3139	3148	rBV2	1722157	3202831	100.00%	4.331%
95	22.462	3272	3277	3284	rBV	1966736	2526497	78.88%	3.417%
96	23.309	3416	3421	3424	rBV	580830	941040	29.38%	1.273%
97	23.356	3424	3429	3440	rVB	1606266	2796478	87.31%	3.782%
98	23.874	3511	3517	3526	rVB	1235784	2406585	75.14%	3.254%
99	24.027	3537	3543	3555	rVB	605261	1193793	37.27%	1.614%
100	27.209	4075	4084	4097	rVB	531593	1655057	51.67%	2.238%

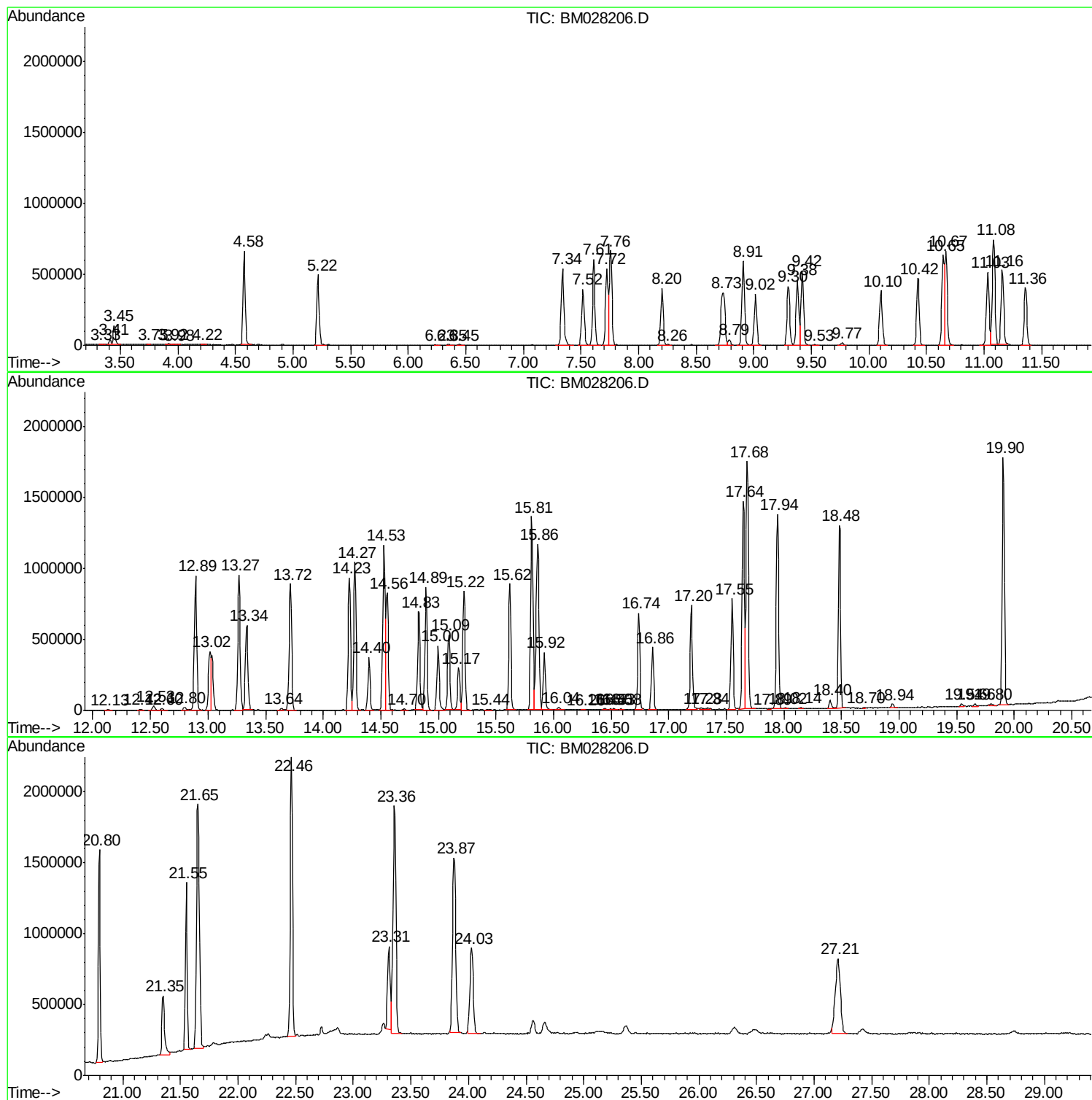
Sum of corrected areas: 73948552

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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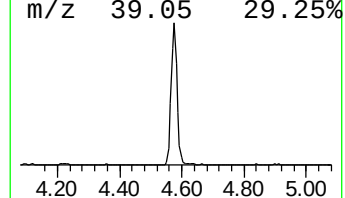
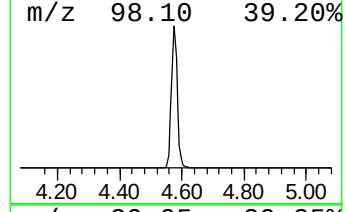
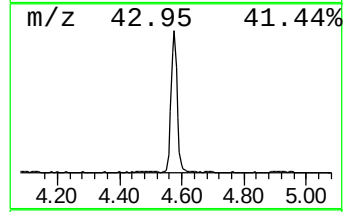
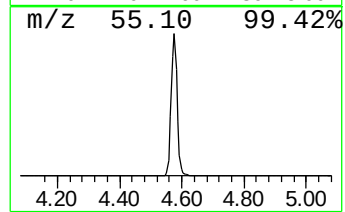
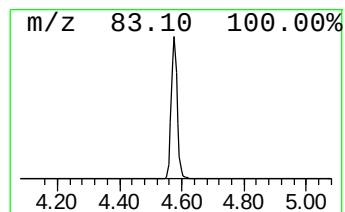
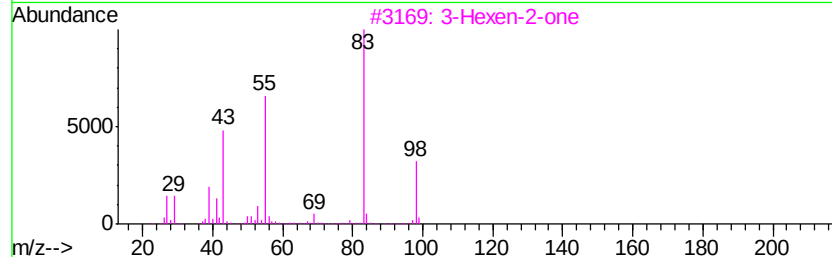
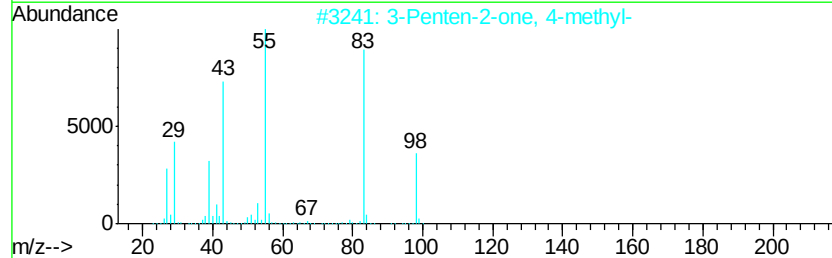
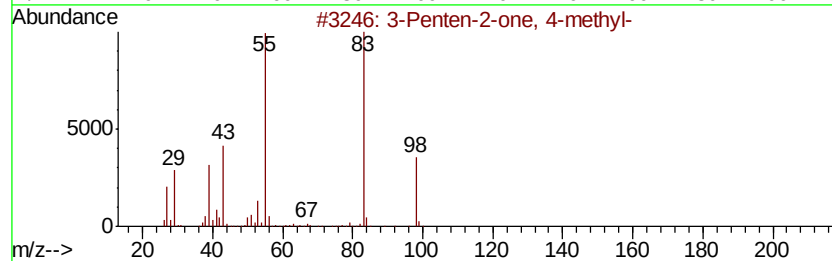
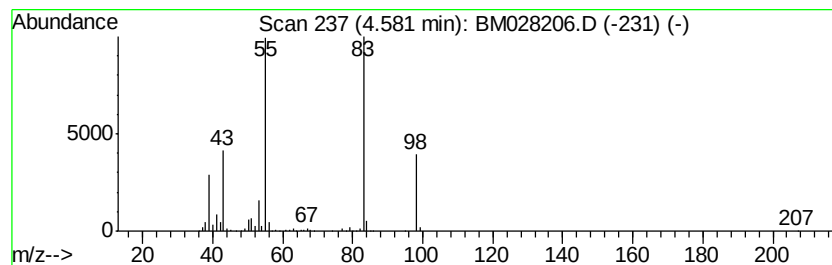
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	27.70 ng/ul	874110	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3			3-Hexen-2-one	98	C6H10O	000763-93-9	90
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86



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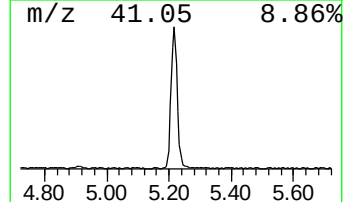
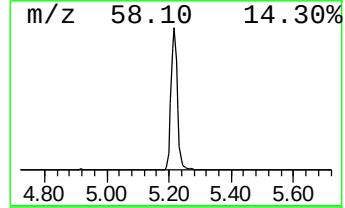
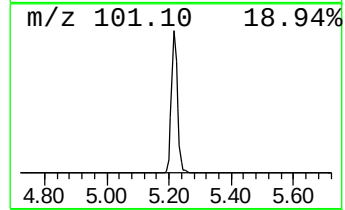
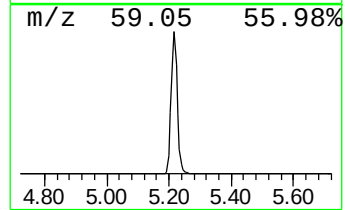
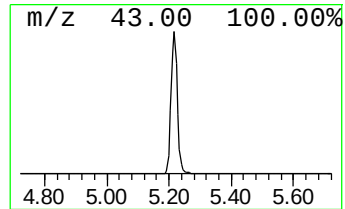
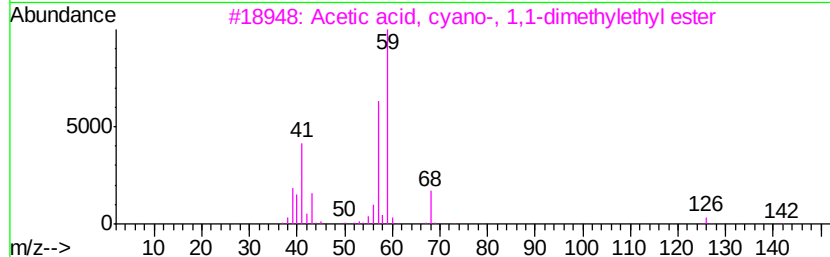
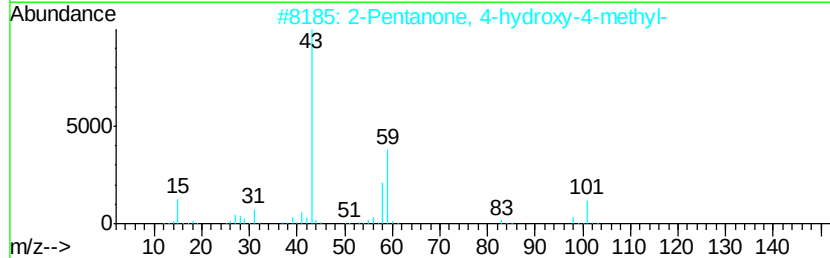
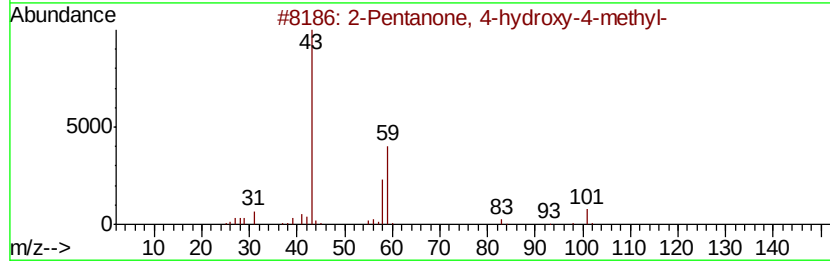
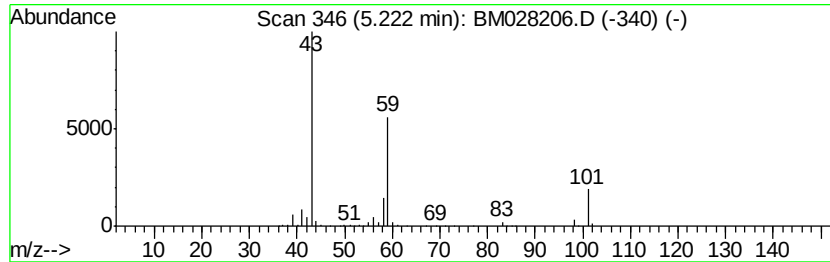
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	21.64 ng/ul	682905	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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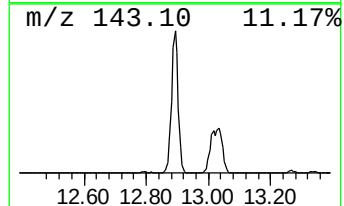
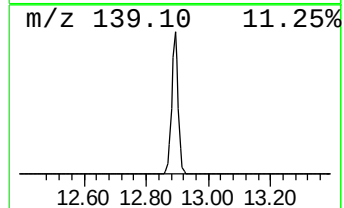
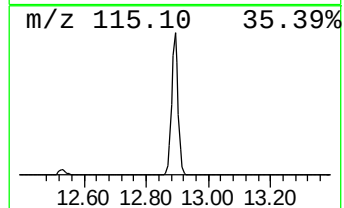
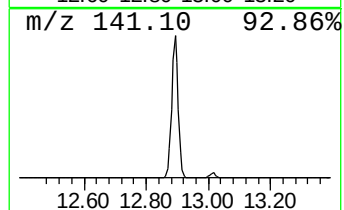
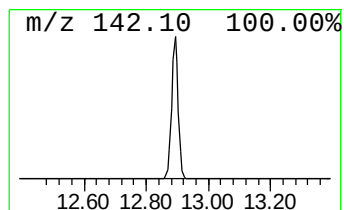
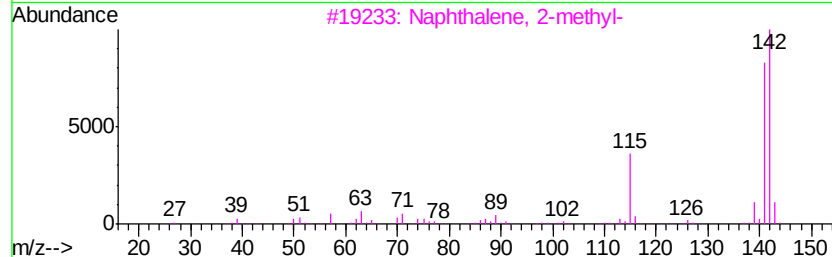
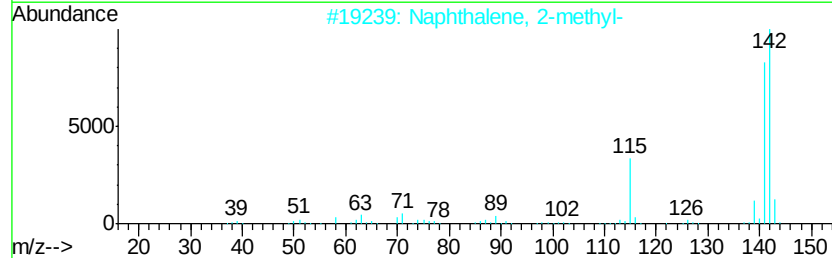
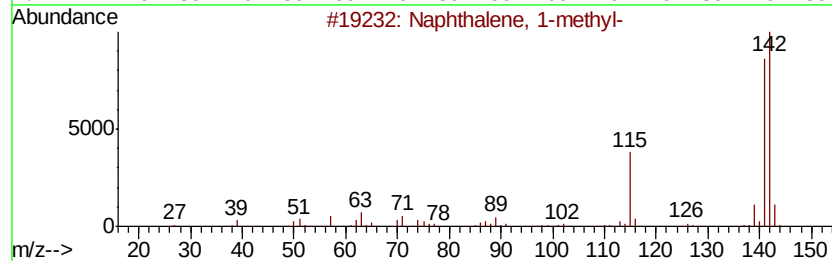
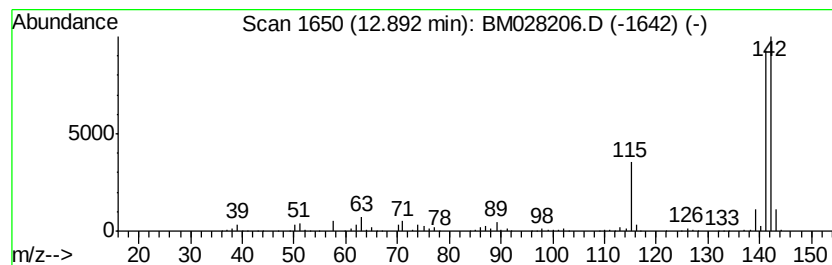
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	31.02 ng/ul	1392710	Naphthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028206.D
Acq On : 21 Dec 2020 12:01
Operator : JU/CG
Sample : L5071-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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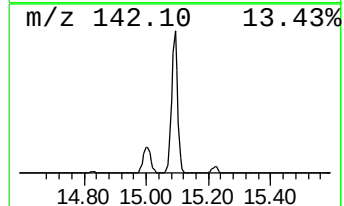
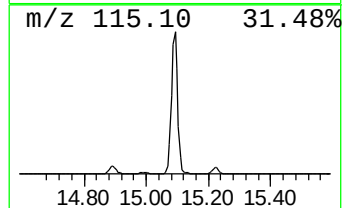
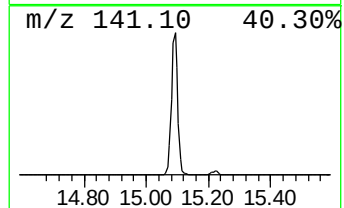
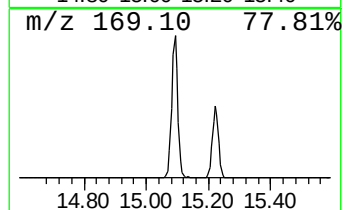
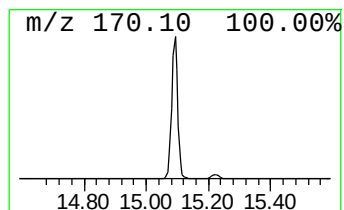
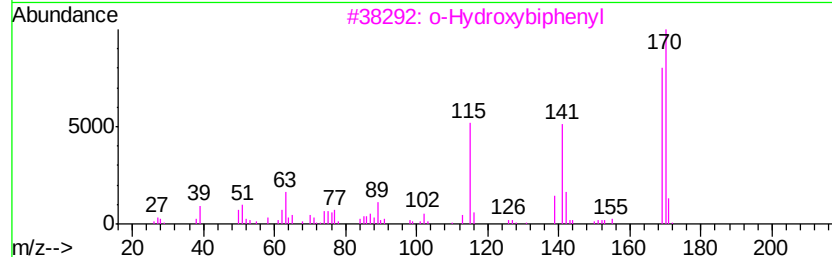
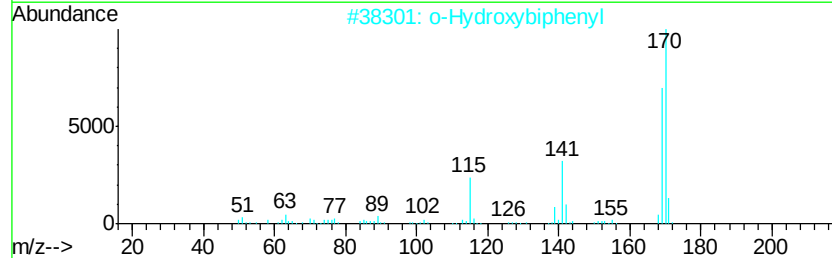
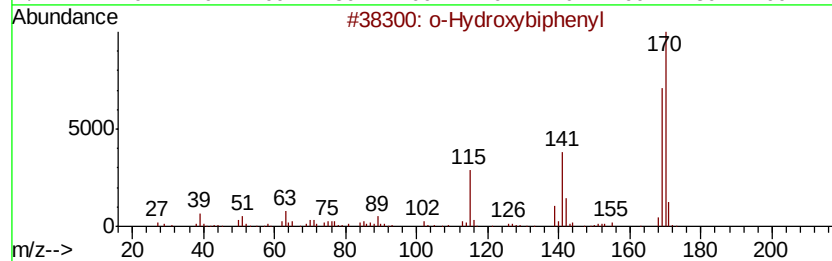
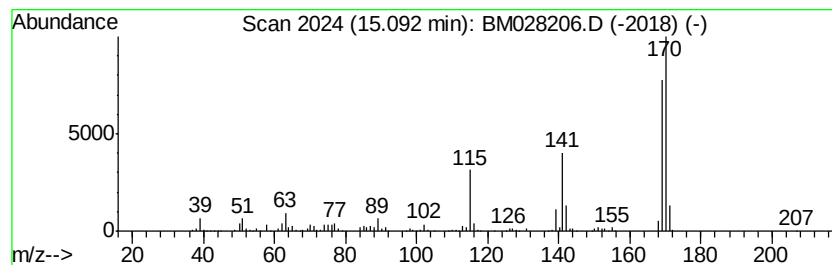
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 o-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	14.29 ng/ul	736798	Acenaphthene-d10	14.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
5		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028206.D
Acq On : 21 Dec 2020 12:01
Operator : JU/CG
Sample : L5071-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54K5

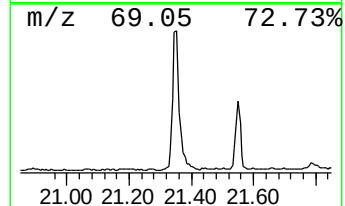
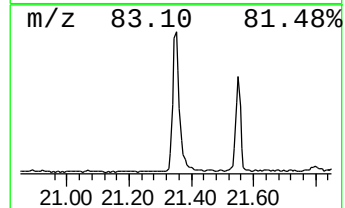
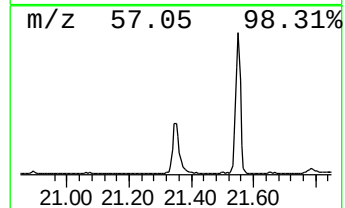
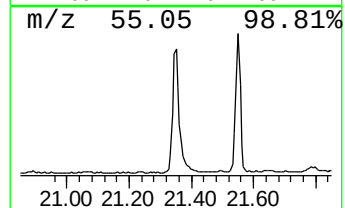
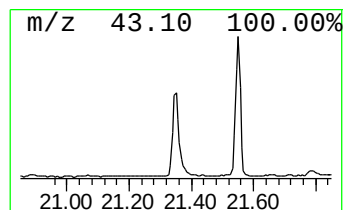
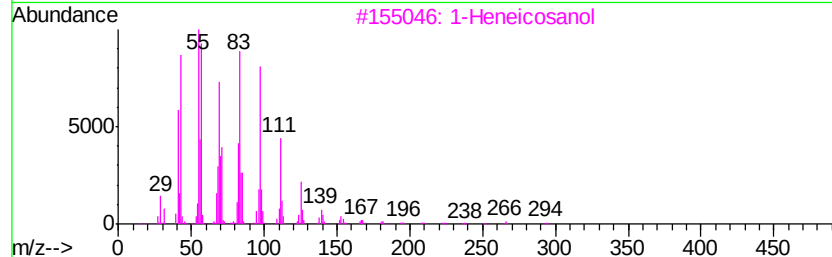
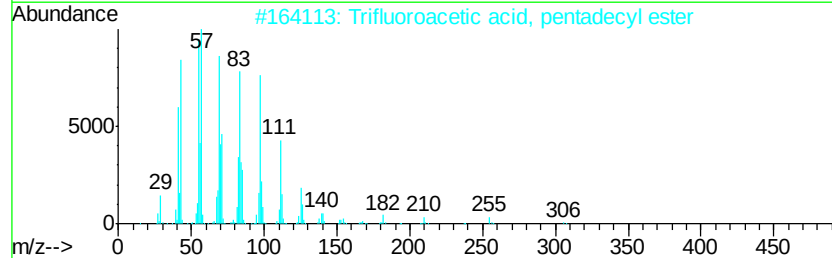
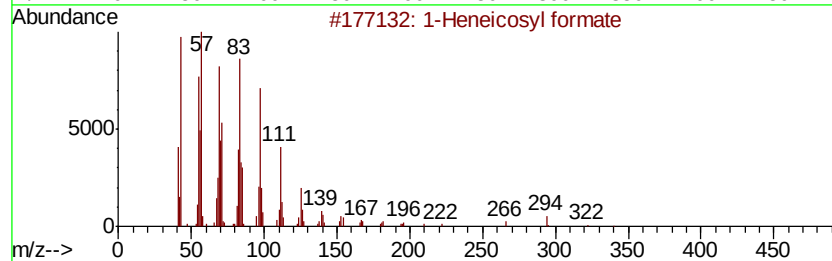
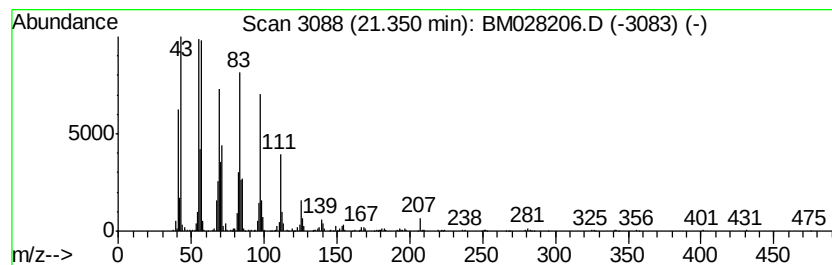
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.05 ng/ul	647846	Chrysene-d12	21.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Cyclotetracosane	336	C24H48	000297-03-0	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122120\
Data File : BM028206.D
Acq On : 21 Dec 2020 12:01
Operator : JU/CG
Sample : L5071-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54K5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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
3-Penten-2-one, 4...	4.58	27.7	ng/ul	874110	1	8.20	631185	20.0
2-Pentanone, 4-hy...	5.22	21.6	ng/ul	682905	1	8.20	631185	20.0
Naphthalene, 1-me...	12.89	31.0	ng/ul	1392710	2	11.03	898043	20.0
o-Hydroxybiphenyl	15.09	14.3	ng/ul	736798	3	14.83	1031240	20.0
1-Heneicosyl formate	21.35	4.0	ng/ul	647846	5	21.66	3202830	20.0