

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
 Data File : BM020926.D
 Acq On : 13 Jun 2019 12:44
 Operator : HP/JU
 Sample : K3231-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8H3

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-BM060619MA.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	3.040	6	9	18	rVB	284446	365179	3.79%	0.215%
2	3.305	51	54	56	rBV	42727	45913	0.48%	0.027%
3	3.334	56	59	67	rVB	214727	283484	2.94%	0.167%
4	4.946	328	333	344	rVB	234179	340453	3.53%	0.200%
5	6.469	587	592	596	rBV8	6319	11878	0.12%	0.007%
6	6.787	642	646	652	rBV8	5396	11625	0.12%	0.007%
7	6.963	668	676	679	rBV2	1771372	3594593	37.27%	2.112%
8	6.998	679	682	697	rVB	1372674	2045709	21.21%	1.202%
9	7.145	700	707	717	rBV	728878	1142259	11.84%	0.671%
10	7.340	733	740	742	rBV	996218	1623637	16.84%	0.954%
11	7.369	742	745	757	rVB	919616	1347066	13.97%	0.791%
12	7.804	810	819	826	rBV	1053806	1616261	16.76%	0.950%
13	7.863	826	829	832	rVB2	9851	13101	0.14%	0.008%
14	8.510	930	939	948	rBV	1106359	1775577	18.41%	1.043%
15	8.610	950	956	964	rBV	944279	1457111	15.11%	0.856%
16	8.963	1009	1016	1020	rBV	871801	1488423	15.43%	0.874%
17	9.010	1020	1024	1030	rVV	695290	1122674	11.64%	0.660%
18	9.057	1030	1032	1039	rVV7	10828	19824	0.21%	0.012%
19	9.122	1039	1043	1047	rVB7	6217	10002	0.10%	0.006%
20	9.345	1076	1081	1086	rBV	35737	54775	0.57%	0.032%
21	9.681	1130	1138	1141	rBV	762817	1297141	13.45%	0.762%
22	9.710	1141	1143	1154	rVB	653399	974946	10.11%	0.573%
23	10.216	1220	1229	1231	rBV	1277994	2196688	22.78%	1.291%
24	10.592	1282	1293	1298	rBV	1354764	2343324	24.30%	1.377%
25	10.645	1298	1302	1309	rVV	1071978	1699828	17.63%	0.999%
26	10.733	1309	1317	1330	rVV	1032074	1846734	19.15%	1.085%
27	10.916	1341	1348	1356	rBV	1337407	2090353	21.68%	1.228%
28	11.880	1498	1512	1521	rBV	1856550	3055548	31.68%	1.795%
29	12.128	1543	1554	1559	rBV2	57251	97594	1.01%	0.057%
30	12.180	1559	1563	1568	rVV	19709	27525	0.29%	0.016%
31	12.475	1605	1613	1620	rBV	1794237	2804908	29.09%	1.648%
32	12.622	1631	1638	1647	rBV	1300556	1984191	20.58%	1.166%
33	12.869	1673	1680	1687	rBV	1960055	3007031	31.18%	1.767%
34	12.922	1687	1689	1695	rVB2	25116	36053	0.37%	0.021%

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35	13.039	1705	1709	1715	rBV4	8392	14782	0.15%	0.009%
36	13.275	1738	1749	1752	rBV	2449046	3619388	37.53%	2.126%
37	13.316	1752	1756	1765	rVB	1239407	1849426	19.18%	1.087%
38	13.804	1835	1839	1842	rBV3	12219	19692	0.20%	0.012%
39	13.851	1842	1847	1851	rVV	2043477	2964528	30.74%	1.742%
40	13.904	1851	1856	1862	rVV	2206263	3117152	32.32%	1.831%
41	13.957	1862	1865	1871	rVB6	7444	11802	0.12%	0.007%
42	14.027	1871	1877	1883	rBV	1086791	1481567	15.36%	0.870%
43	14.086	1884	1887	1889	rBV4	8132	10714	0.11%	0.006%
44	14.133	1889	1895	1903	rVB	2386893	3550826	36.82%	2.086%
45	14.327	1922	1928	1934	rVB5	10701	18210	0.19%	0.011%
46	14.439	1940	1947	1953	rBV2	1794636	2844521	29.50%	1.671%
47	14.504	1953	1958	1967	rVB	2121322	3028251	31.40%	1.779%
48	14.651	1976	1983	1997	rBV2	1082258	2264720	23.48%	1.331%
49	14.839	2008	2015	2022	rVB	1551527	2203002	22.84%	1.294%
50	15.063	2047	2053	2066	rVV	1217269	1811210	18.78%	1.064%
51	15.233	2077	2082	2086	rVV	41822	56936	0.59%	0.033%
52	15.280	2086	2090	2096	rVB4	22380	33009	0.34%	0.019%
53	15.433	2110	2116	2121	rBV	3056814	4411679	45.75%	2.592%
54	15.486	2121	2125	2132	rVB	1416518	1885674	19.55%	1.108%
55	15.568	2132	2139	2150	rBV2	1131688	2030796	21.06%	1.193%
56	15.651	2150	2153	2154	rVV2	36008	41174	0.43%	0.024%
57	15.674	2154	2157	2163	rVB2	45435	70327	0.73%	0.041%
58	16.163	2234	2240	2241	rBV5	9749	16669	0.17%	0.010%
59	16.486	2289	2295	2302	rBV	1569751	2150816	22.30%	1.264%
60	16.727	2333	2336	2341	rBV5	12512	19481	0.20%	0.011%
61	16.833	2348	2354	2365	rBV	1533882	2237965	23.21%	1.315%
62	16.939	2369	2372	2375	rVV5	18655	29234	0.30%	0.017%
63	16.968	2375	2377	2388	rVB4	15034	36424	0.38%	0.021%
64	17.186	2405	2414	2418	rBV2	2242074	3379199	35.04%	1.985%
65	17.227	2418	2421	2426	rVV	1953878	2714789	28.15%	1.595%
66	17.286	2426	2431	2434	rVV2	3139762	4547456	47.15%	2.672%
67	17.321	2434	2437	2448	rVB	2364515	3120069	32.35%	1.833%
68	17.468	2454	2462	2470	rVB9	19186	47643	0.49%	0.028%
69	17.592	2477	2483	2489	rBV	1871736	2645236	27.43%	1.554%
70	17.668	2489	2496	2502	rVV	1736786	2410148	24.99%	1.416%
71	17.710	2502	2503	2507	rVB4	12814	13124	0.14%	0.008%

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72	17.798	2514	2518	2524	rBV9	9442	18169	0.19%	0.011%
73	17.851	2524	2527	2532	rVB7	13356	20273	0.21%	0.012%
74	18.074	2560	2565	2573	rBV	185780	282275	2.93%	0.166%
75	18.151	2573	2578	2587	rVB	1865124	2301540	23.87%	1.352%
76	18.368	2612	2615	2619	rBV4	23325	23961	0.25%	0.014%
77	18.609	2652	2656	2661	rBV3	26106	40564	0.42%	0.024%
78	19.004	2719	2723	2731	rBV2	37866	70857	0.73%	0.042%
79	19.245	2755	2764	2770	rBV	4926213	6693230	69.41%	3.932%
80	19.356	2779	2783	2786	rBV	51023	65054	0.67%	0.038%
81	19.468	2798	2802	2804	rBV	32520	49936	0.52%	0.029%
82	19.580	2815	2821	2824	rBV	3796898	5773513	59.87%	3.392%
83	19.609	2824	2826	2835	rVB	3730261	4001285	41.49%	2.351%
84	20.503	2974	2978	2984	rBV	1717241	2004643	20.79%	1.178%
85	21.074	3071	3075	3087	rBV2	618949	871514	9.04%	0.512%
86	21.274	3105	3109	3116	rBV	2713746	3153791	32.70%	1.853%
87	21.356	3117	3123	3128	rBV2	5386165	9643695	100.00%	5.666%
88	21.403	3128	3131	3140	rVB	3685335	4304840	44.64%	2.529%
89	21.509	3147	3149	3154	rVB	128502	130313	1.35%	0.077%
90	21.950	3221	3224	3228	rBV	226024	280525	2.91%	0.165%
91	22.421	3301	3304	3309	rVB2	299765	402793	4.18%	0.237%
92	22.962	3388	3396	3408	rVB	2805304	5146491	53.37%	3.024%
93	23.509	3482	3489	3493	rBV	2847622	5885319	61.03%	3.458%
94	23.550	3493	3496	3505	rVV	2232806	3905224	40.50%	2.294%
95	23.650	3507	3513	3522	rVB2	1859431	3474207	36.03%	2.041%
96	24.180	3599	3603	3610	rVB3	280964	529004	5.49%	0.311%
97	25.968	3897	3907	3925	rVB2	2861780	8597477	89.15%	5.051%

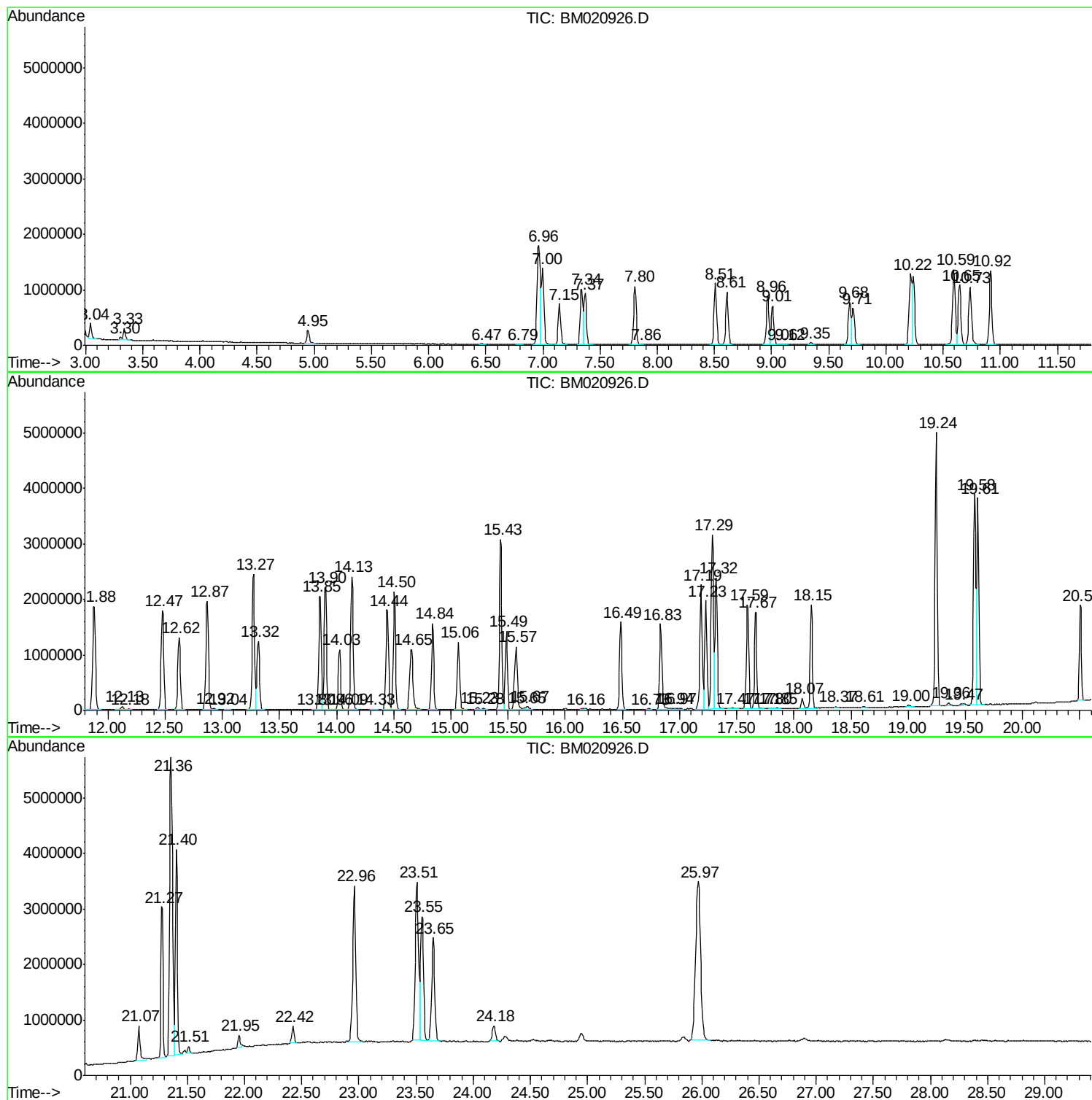
Sum of corrected areas: 170209540

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



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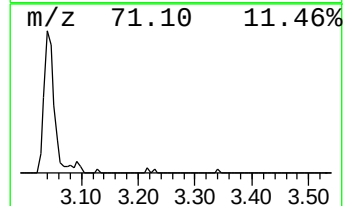
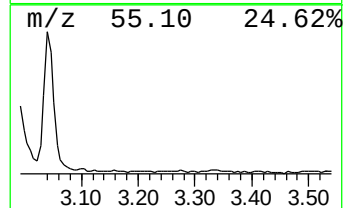
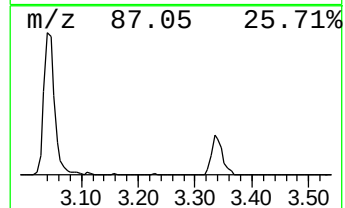
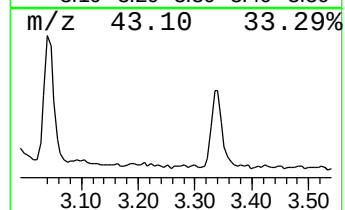
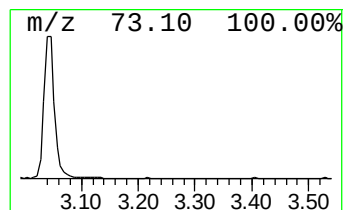
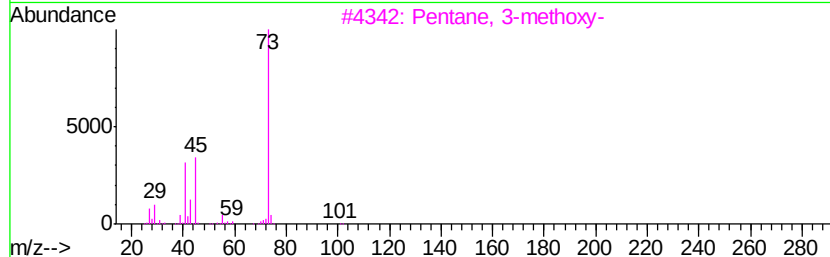
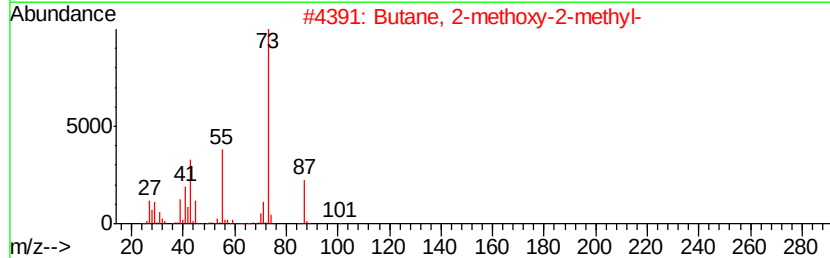
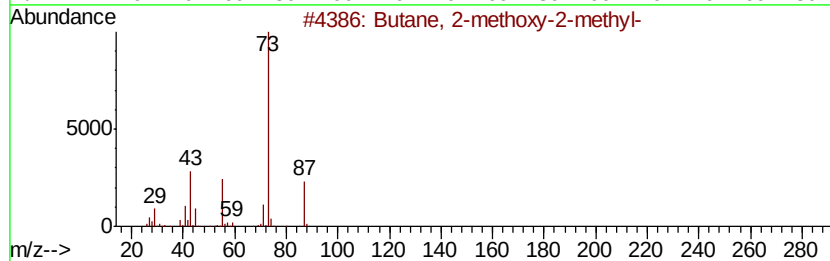
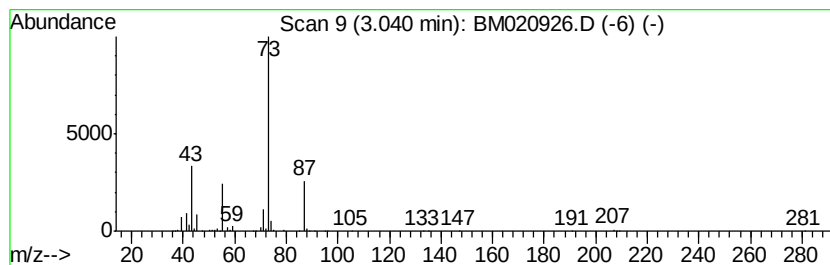
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	4.52 ng/ul	365179	1,4-Dichlorobenzene-d4	7.80

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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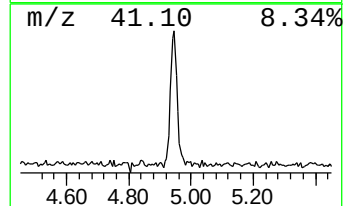
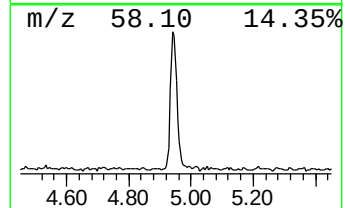
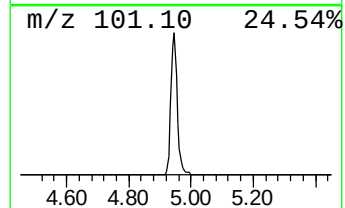
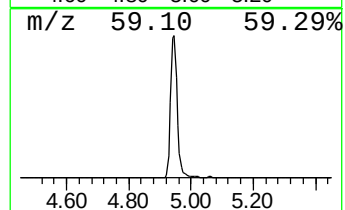
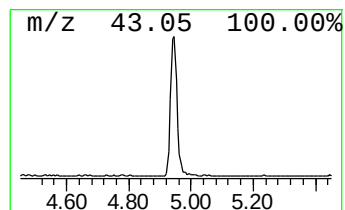
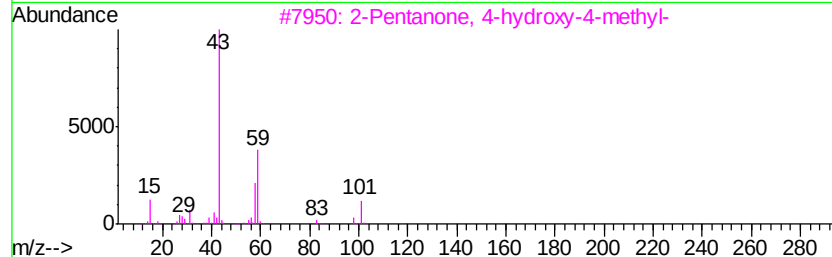
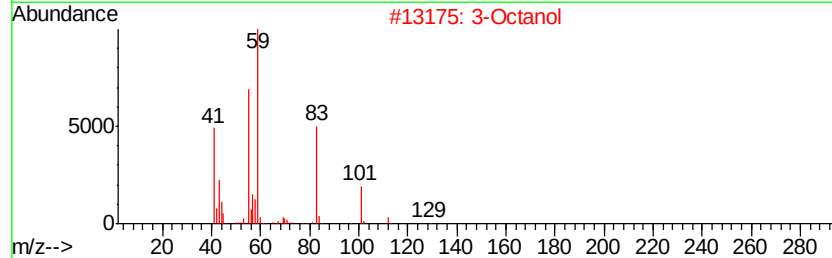
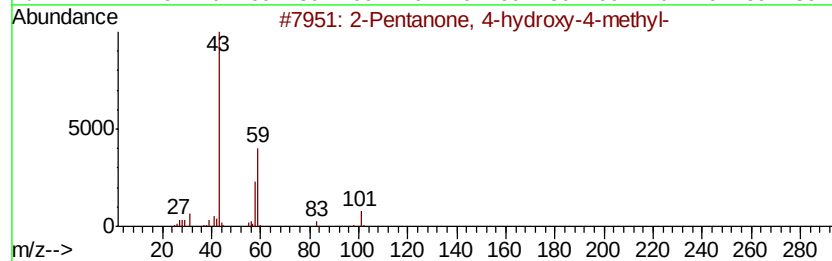
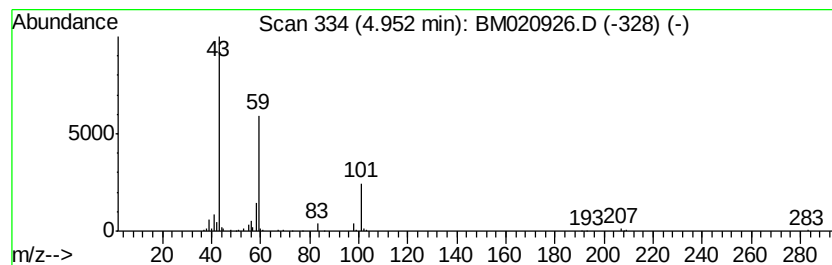
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.21 ng/ul	340453	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		3-Octanol	130	C8H18O	020296-29-1	33
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25



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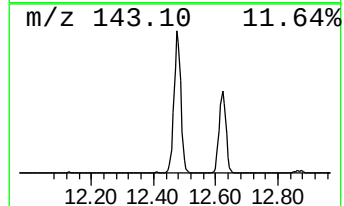
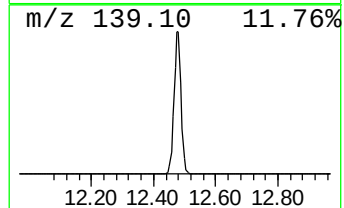
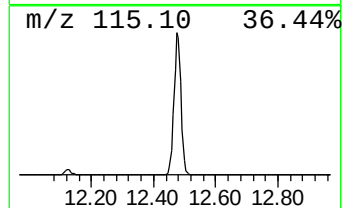
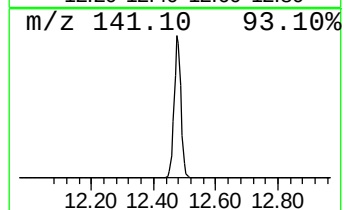
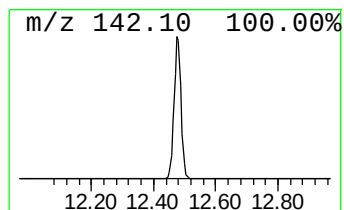
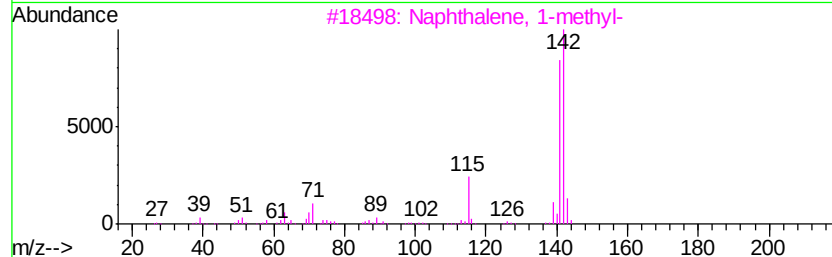
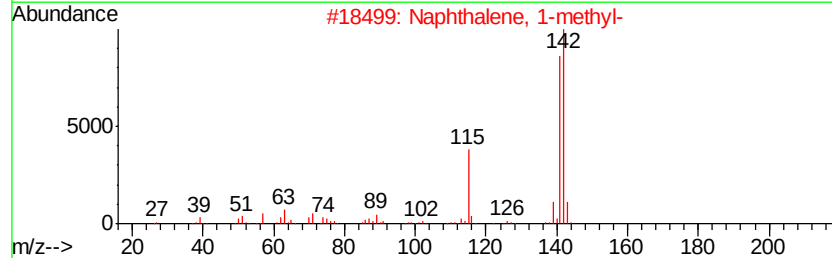
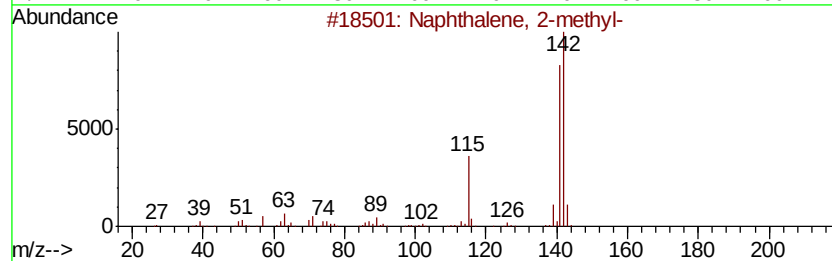
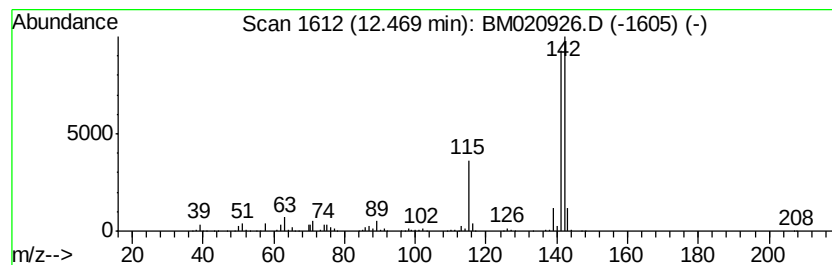
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	23.94 ng/ul	2804910	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020926.D
Acq On : 13 Jun 2019 12:44
Operator : HP/JU
Sample : K3231-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

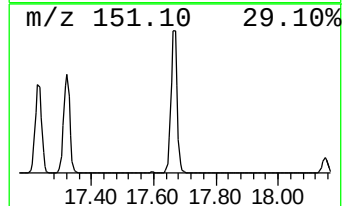
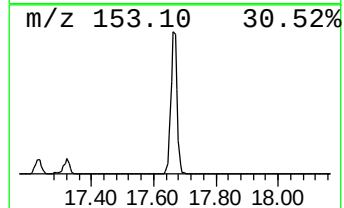
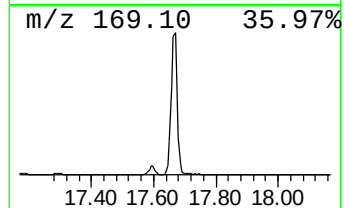
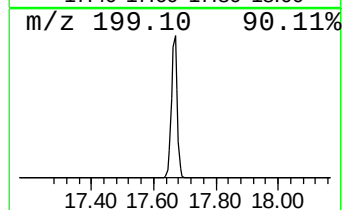
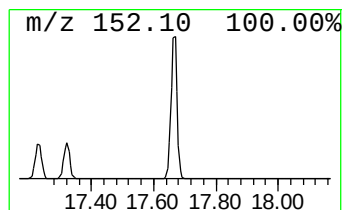
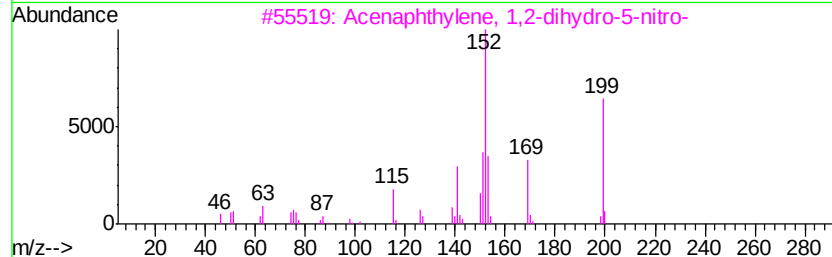
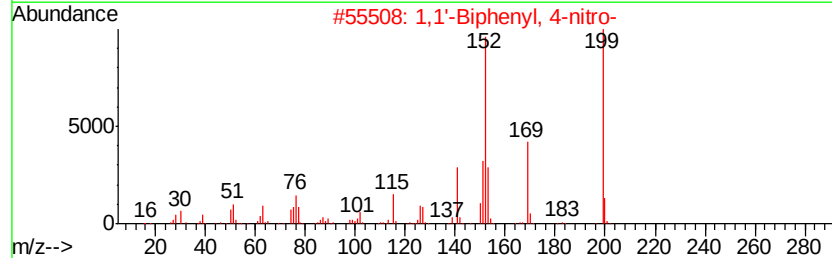
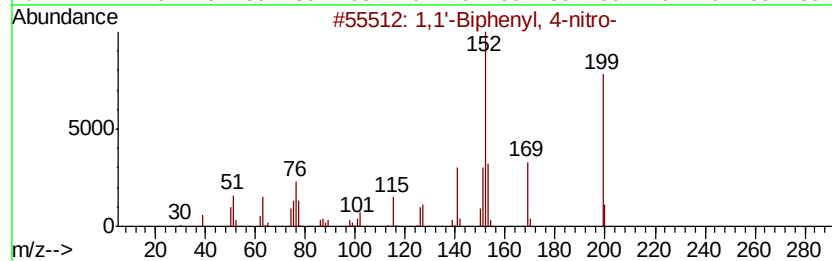
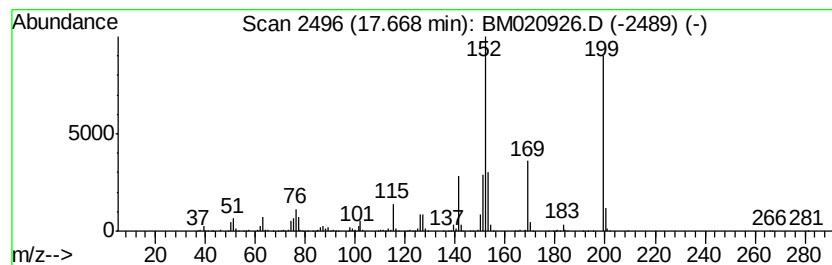
Instrument :
BNA_M
ClientSampleId :
DB8H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	14.26 ng/ul	2410150	Phenanthrene-d10	17.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 4-nitro-	199 C12H9NO2	000092-93-3 98
2		1,1'-Biphenyl, 4-nitro-	199 C12H9NO2	000092-93-3 97
3		Acenaphthylene, 1,2-dihydro-5-ni...	199 C12H9NO2	000602-87-9 94
4		1,1'-Biphenyl, 3-nitro-	199 C12H9NO2	002113-58-8 89
5		1,1'-Biphenyl, 3-nitro-	199 C12H9NO2	002113-58-8 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020926.D
Acq On : 13 Jun 2019 12:44
Operator : HP/JU
Sample : K3231-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8H3

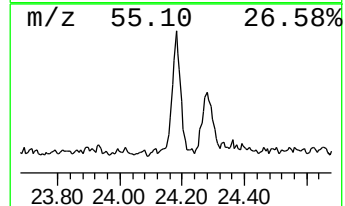
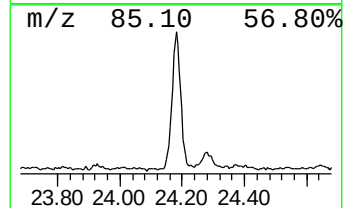
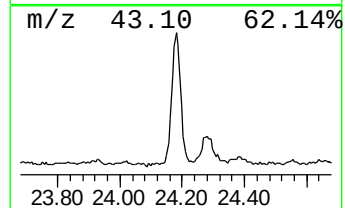
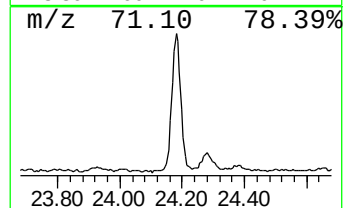
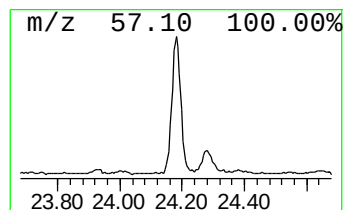
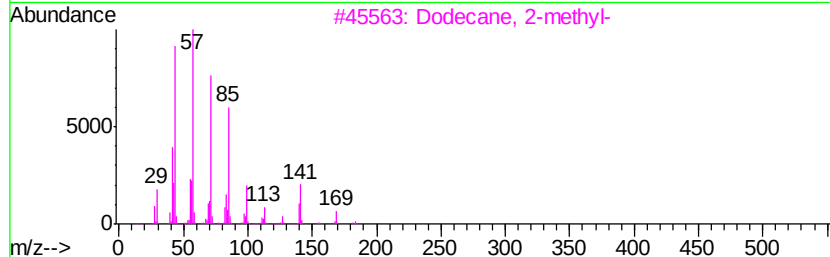
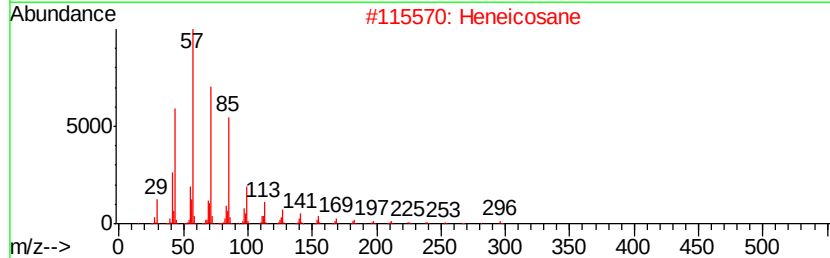
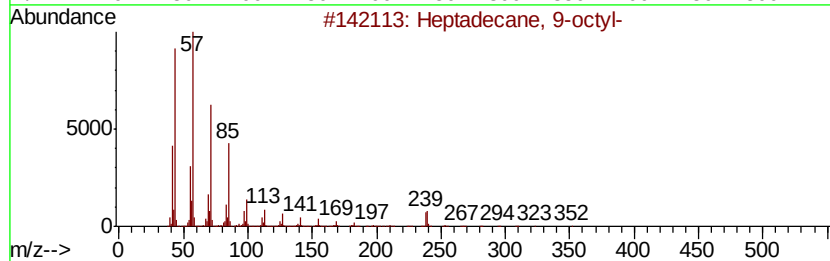
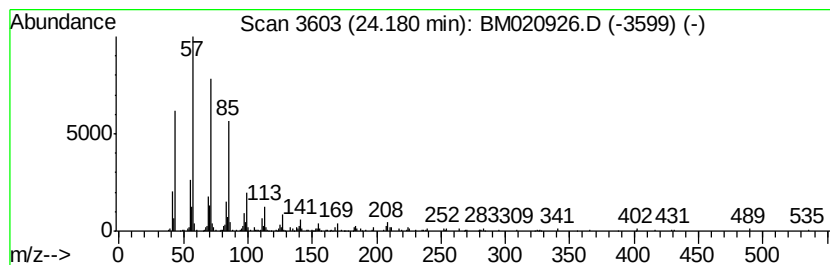
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	3.05 ng/ul	529004	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061319\
Data File : BM020926.D
Acq On : 13 Jun 2019 12:44
Operator : HP/JU
Sample : K3231-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8H3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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...	3.04	4.5	ng/ul	365179	1	7.80	1616260	20.0
2-Pentanone, 4-hy...	4.95	4.2	ng/ul	340453	1	7.80	1616260	20.0
Naphthalene, 1-me...	12.47	23.9	ng/ul	2804910	2	10.59	2343320	20.0
1,1'-Biphenyl, 4-...	17.67	14.3	ng/ul	2410150	4	17.19	3379200	20.0
(DEL) Alkane: Str...	24.18	3.0	ng/ul	529004	6	23.65	3474210	20.0