

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004638.D
 Acq On : 07 Mar 2019 15:55
 Operator : JU/SJ
 Sample : K1657-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB637

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-BN030719MA.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	3.228	37	41	43	rBV	4299	5082	0.23%	0.015%
2	3.258	43	46	56	rVB	28132	35534	1.62%	0.108%
3	4.858	314	318	326	rBV	11933	15997	0.73%	0.049%
4	6.881	654	662	665	rBV3	279111	523775	23.91%	1.594%
5	6.910	665	667	676	rVB	194374	248070	11.33%	0.755%
6	7.063	687	693	702	rBV	92096	141758	6.47%	0.432%
7	7.252	719	725	728	rBV	138687	225771	10.31%	0.687%
8	7.281	728	730	737	rVB	128716	170054	7.76%	0.518%
9	7.722	799	805	812	rBB	104682	159392	7.28%	0.485%
10	8.422	917	924	933	rVB	163662	261809	11.95%	0.797%
11	8.522	935	941	949	rBV	129219	194055	8.86%	0.591%
12	8.881	995	1002	1006	rBV	122149	202113	9.23%	0.615%
13	8.922	1006	1009	1016	rVB	105626	161608	7.38%	0.492%
14	9.240	1058	1063	1066	rBV	5532	6747	0.31%	0.021%
15	9.598	1117	1124	1126	rBV	94118	152186	6.95%	0.463%
16	9.628	1126	1129	1135	rVB	88382	135530	6.19%	0.413%
17	10.122	1207	1213	1215	rBV	187382	294606	13.45%	0.897%
18	10.504	1272	1278	1283	rVV	165539	278667	12.72%	0.848%
19	10.557	1283	1287	1294	rVB	183668	286432	13.08%	0.872%
20	10.651	1295	1303	1311	rBV	46063	77760	3.55%	0.237%
21	10.822	1326	1332	1338	rVB	210345	326234	14.90%	0.993%
22	11.787	1490	1496	1505	rBB	347808	536517	24.50%	1.633%
23	12.034	1533	1538	1543	rBB2	2882	3828	0.17%	0.012%
24	12.098	1544	1549	1552	rBB2	2518	3612	0.16%	0.011%
25	12.392	1591	1599	1606	rBB	327413	490321	22.39%	1.493%
26	12.540	1617	1624	1630	rBV	223969	331909	15.15%	1.010%
27	12.781	1659	1665	1672	rBV	350622	524935	23.97%	1.598%
28	12.839	1672	1675	1678	rVB	3734	4077	0.19%	0.012%
29	13.192	1726	1735	1739	rBV	453048	663911	30.31%	2.021%
30	13.234	1739	1742	1749	rVB	230080	311973	14.24%	0.950%
31	13.775	1828	1834	1838	rBV	367393	509387	23.26%	1.551%
32	13.822	1838	1842	1849	rVB	331615	430031	19.63%	1.309%
33	13.951	1858	1864	1869	rBV	209523	277424	12.67%	0.844%
34	14.057	1875	1882	1888	rBV	432000	624191	28.50%	1.900%

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35	14.363	1927	1934	1940	rBV2	275912	406709	18.57%	1.238%
36	14.428	1940	1945	1952	rVB	411945	568980	25.98%	1.732%
37	14.575	1962	1970	1978	rBV3	205767	389764	17.80%	1.186%
38	14.763	1996	2002	2008	rBV	300850	412303	18.83%	1.255%
39	14.986	2035	2040	2048	rVB	258156	347862	15.88%	1.059%
40	15.198	2070	2076	2079	rBV2	3767	4684	0.21%	0.014%
41	15.357	2097	2103	2108	rBV	574392	788289	35.99%	2.400%
42	15.410	2108	2112	2117	rVB	261710	340275	15.54%	1.036%
43	15.492	2119	2126	2132	rVB2	234164	386235	17.63%	1.176%
44	15.592	2140	2143	2147	rVB	3705	4279	0.20%	0.013%
45	16.404	2276	2281	2287	rVB	320954	439799	20.08%	1.339%
46	16.757	2335	2341	2351	rBV	436191	571834	26.11%	1.741%
47	16.851	2355	2357	2361	rBV	2870	2829	0.13%	0.009%
48	17.110	2393	2401	2405	rBV	374513	534353	24.40%	1.627%
49	17.151	2405	2408	2413	rVV	407626	572689	26.15%	1.743%
50	17.210	2413	2418	2421	rVV2	618099	902865	41.22%	2.748%
51	17.245	2421	2424	2430	rVB	515362	672872	30.72%	2.048%
52	17.522	2465	2471	2477	rVV	427905	595546	27.19%	1.813%
53	17.592	2477	2483	2488	rVB	436656	546039	24.93%	1.662%
54	17.992	2547	2551	2556	rBV	12095	15296	0.70%	0.047%
55	18.075	2559	2565	2576	rVB	397380	474376	21.66%	1.444%
56	18.286	2597	2601	2606	rBV2	6486	9792	0.45%	0.030%
57	18.533	2640	2643	2648	rBV2	4548	5478	0.25%	0.017%
58	18.751	2676	2680	2684	rVB	2015	2642	0.12%	0.008%
59	18.863	2694	2699	2705	rBV3	4885	9287	0.42%	0.028%
60	18.922	2705	2709	2712	rBV	9266	11773	0.54%	0.036%
61	19.063	2727	2733	2735	rBV3	1839	2890	0.13%	0.009%
62	19.174	2743	2752	2758	rBV	1122638	1526343	69.69%	4.646%
63	19.222	2758	2760	2764	rVB3	2707	2930	0.13%	0.009%
64	19.280	2764	2770	2776	rBV2	5711	12088	0.55%	0.037%
65	19.345	2779	2781	2787	rVV4	2527	4253	0.19%	0.013%
66	19.398	2787	2790	2792	rVV	5702	7788	0.36%	0.024%
67	19.422	2792	2794	2798	rVB	7003	7650	0.35%	0.023%
68	19.516	2803	2810	2812	rVV	804718	1138421	51.98%	3.465%
69	19.545	2812	2815	2821	rVB	847299	1064956	48.62%	3.242%
70	19.704	2839	2842	2847	rVB2	2428	4088	0.19%	0.012%
71	19.810	2856	2860	2864	rBV4	2216	3624	0.17%	0.011%

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72	19.851	2864	2867	2869	rVV3	2059	2563	0.12%	0.008%
73	19.904	2873	2876	2881	rVB2	1904	2504	0.11%	0.008%
74	20.021	2892	2896	2897	rBV	2693	2997	0.14%	0.009%
75	20.045	2897	2900	2904	rVB	8379	9422	0.43%	0.029%
76	20.221	2928	2930	2932	rBV2	2206	2351	0.11%	0.007%
77	20.357	2949	2953	2954	rBV2	2076	2609	0.12%	0.008%
78	20.369	2954	2955	2959	rVB3	3240	2379	0.11%	0.007%
79	20.445	2963	2968	2972	rVB	438245	474492	21.66%	1.444%
80	20.545	2980	2985	2988	rBV	7674	10889	0.50%	0.033%
81	21.010	3059	3064	3075	rBV	118819	164838	7.53%	0.502%
82	21.168	3086	3091	3093	rBV3	1801	2394	0.11%	0.007%
83	21.216	3094	3099	3104	rVV	667517	698855	31.91%	2.127%
84	21.298	3107	3113	3119	rBV2	1198194	2190178	100.00%	6.667%
85	21.351	3119	3122	3127	rVB	911115	1032427	47.14%	3.143%
86	21.445	3134	3138	3147	rVB	29293	35642	1.63%	0.108%
87	21.880	3208	3212	3223	rBV	57605	84622	3.86%	0.258%
88	22.345	3286	3291	3299	rBV	96294	124196	5.67%	0.378%
89	22.474	3309	3313	3318	rVB	24438	33031	1.51%	0.101%
90	22.857	3369	3378	3379	rBV	130492	180820	8.26%	0.550%
91	22.892	3379	3384	3396	rVB	676849	1123353	51.29%	3.420%
92	23.427	3467	3475	3480	rBV2	694007	1413630	64.54%	4.303%
93	23.474	3480	3483	3491	rVV	551634	921437	42.07%	2.805%
94	23.574	3492	3500	3508	rVB	357392	651585	29.75%	1.983%
95	24.074	3578	3585	3593	rVB	102035	192578	8.79%	0.586%
96	24.162	3595	3600	3607	rBV2	14095	31265	1.43%	0.095%
97	24.821	3704	3712	3720	rBV	59736	126603	5.78%	0.385%
98	25.692	3853	3860	3870	rBV	25113	64004	2.92%	0.195%
99	25.862	3877	3889	3904	rVB2	636240	1828446	83.48%	5.566%
100	26.727	4030	4036	4044	rVB2	12985	33876	1.55%	0.103%

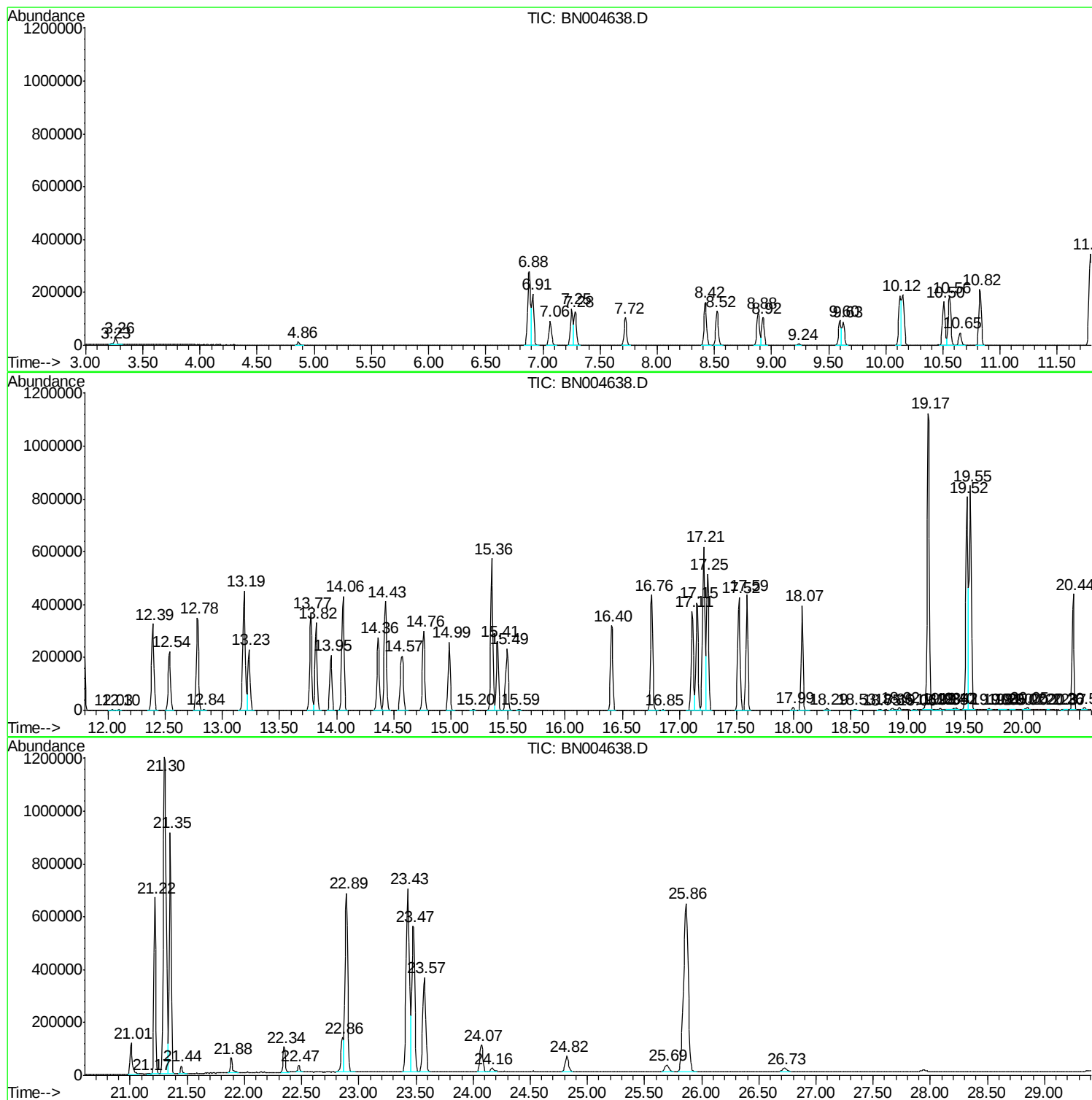
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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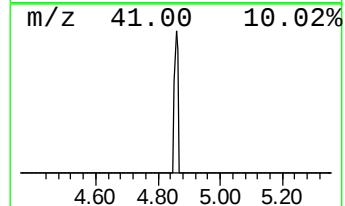
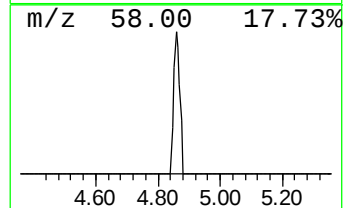
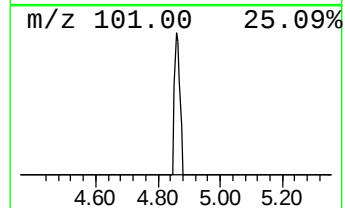
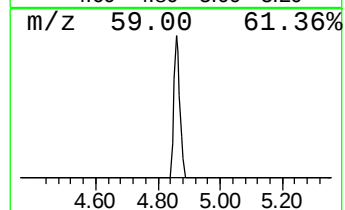
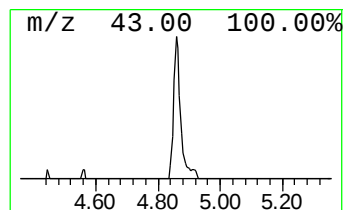
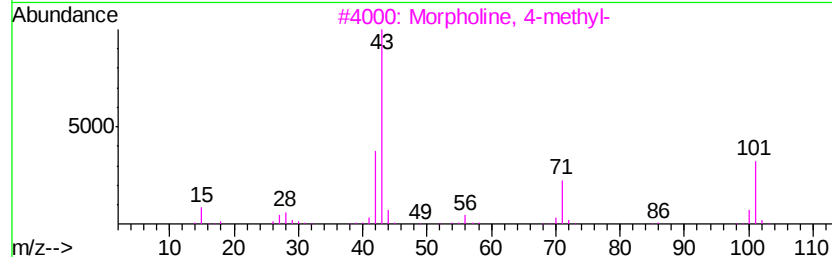
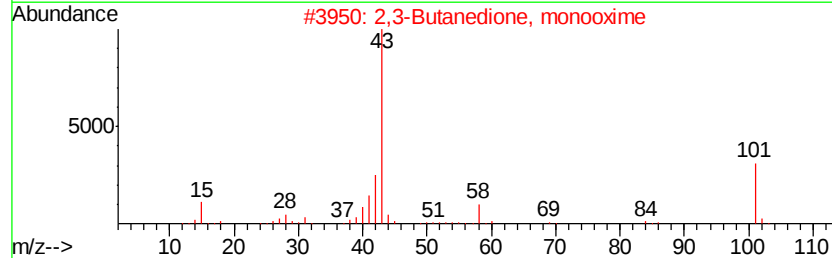
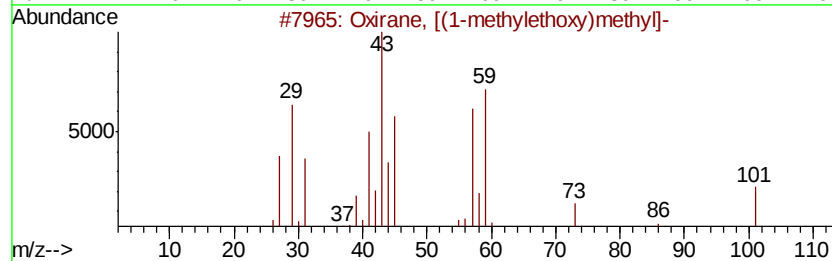
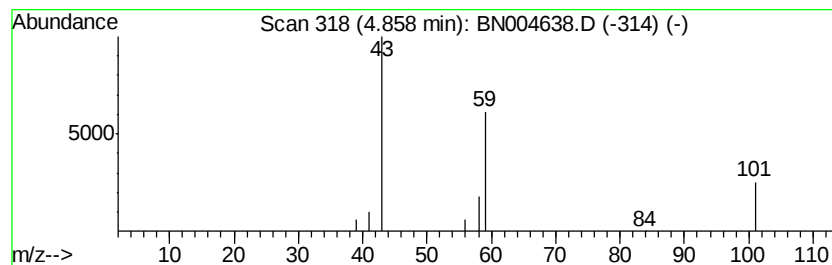
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Oxirane, [(1-methylethoxy)m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	2.01 ng/ul	15997	1,4-Dichlorobenzene-d4	7.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
5		Acetone	58	C3H6O	000067-64-1	4



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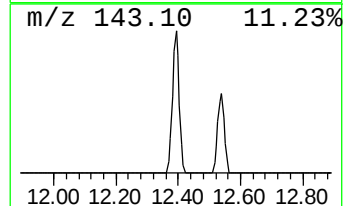
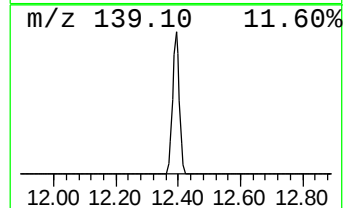
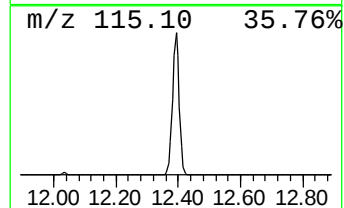
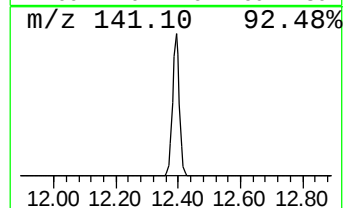
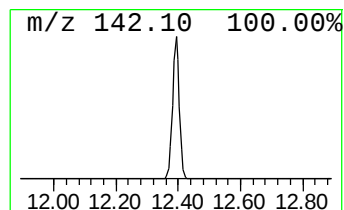
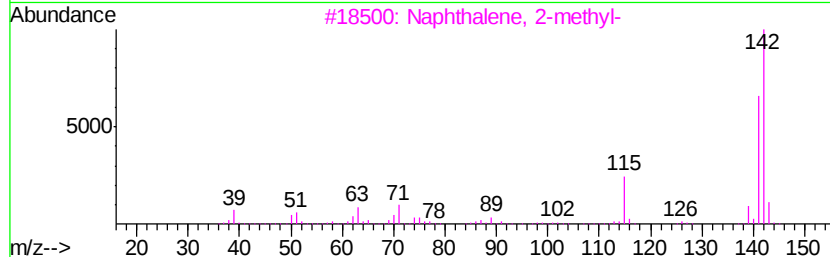
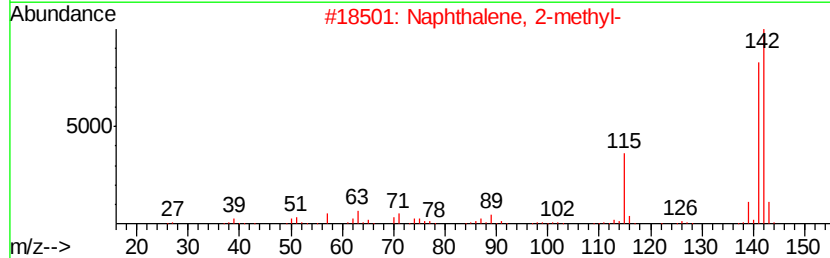
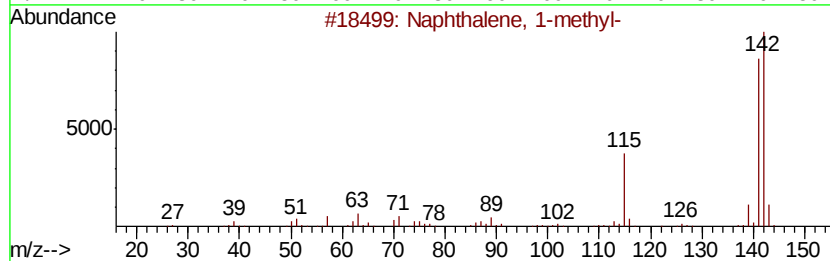
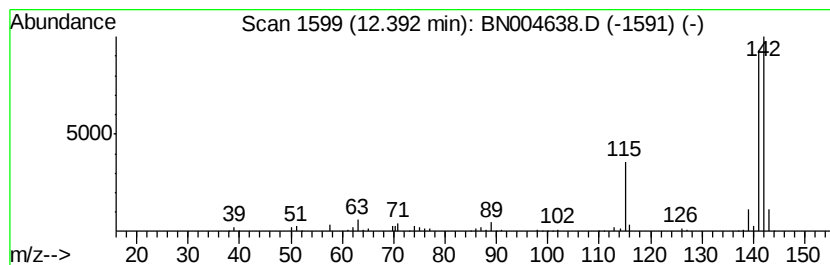
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	35.19 ng/ul	490321	Naphthalene-d8	10.50

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	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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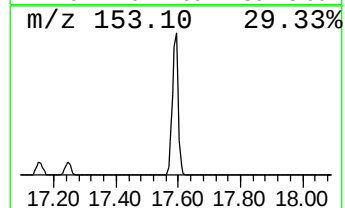
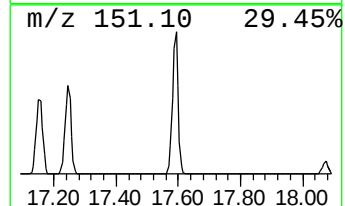
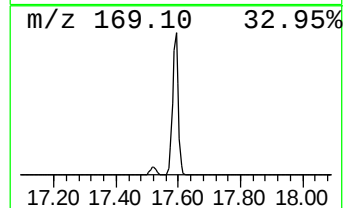
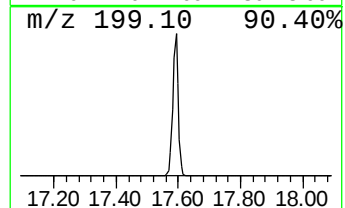
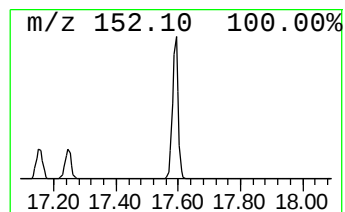
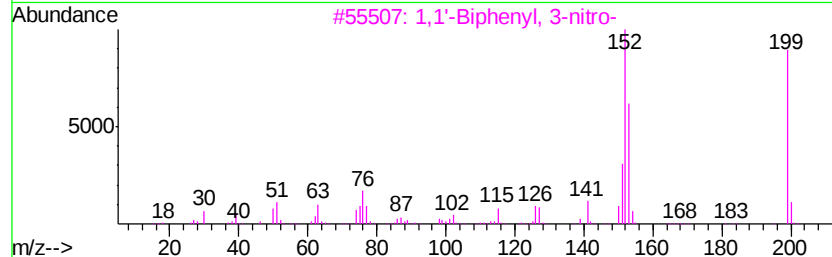
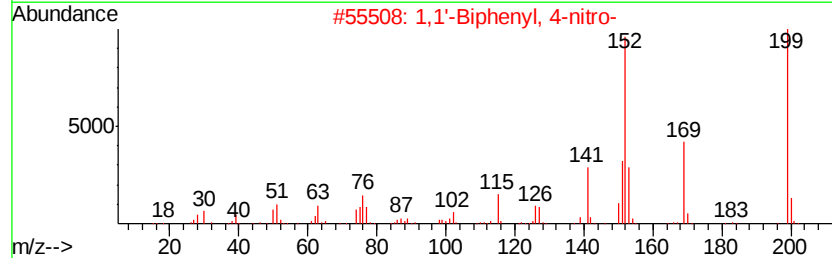
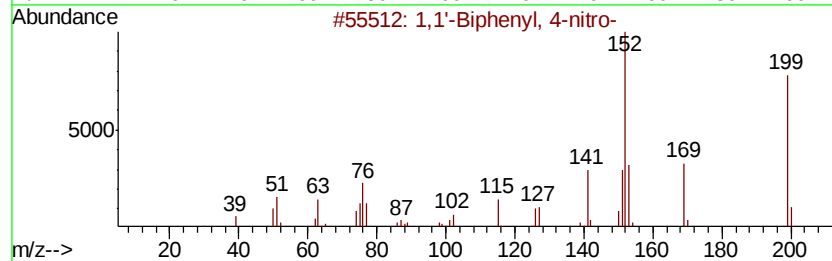
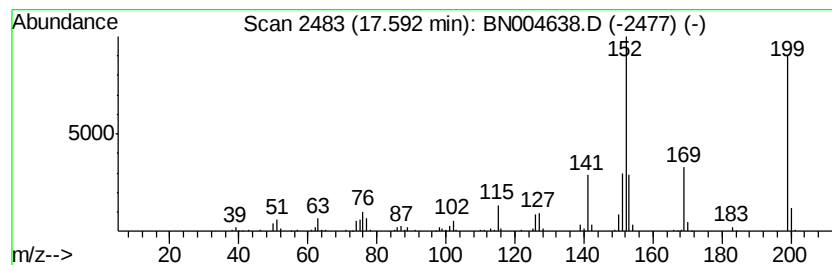
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Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	20.44 ng/ul	546039	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2		1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	96
3		1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
4		1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	76
5		1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004638.D
Acq On : 07 Mar 2019 15:55
Operator : JU/SJ
Sample : K1657-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB637

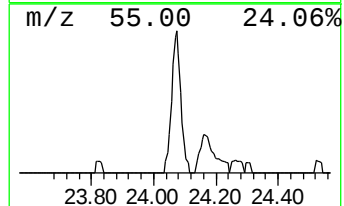
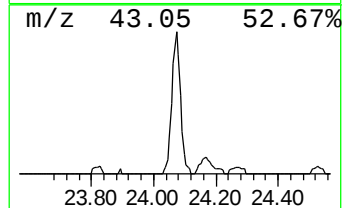
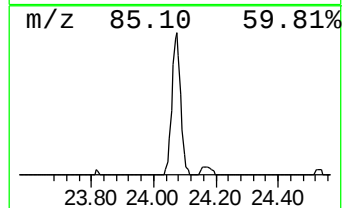
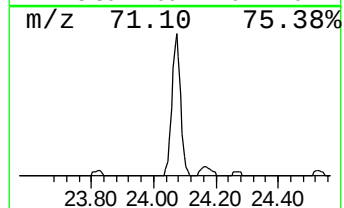
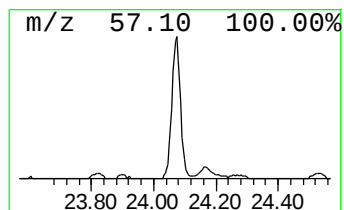
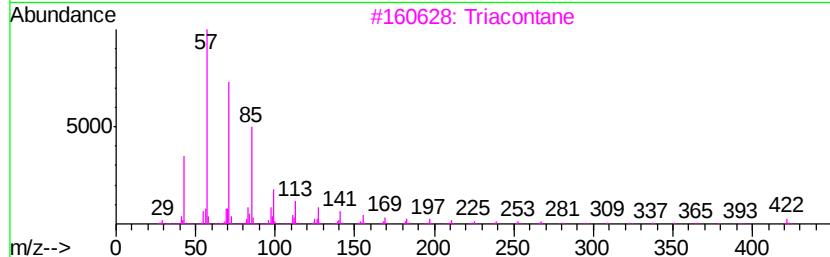
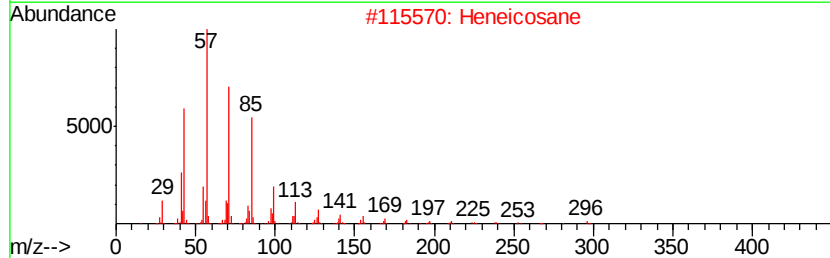
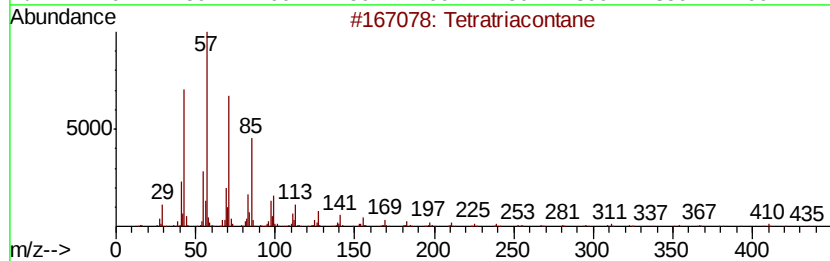
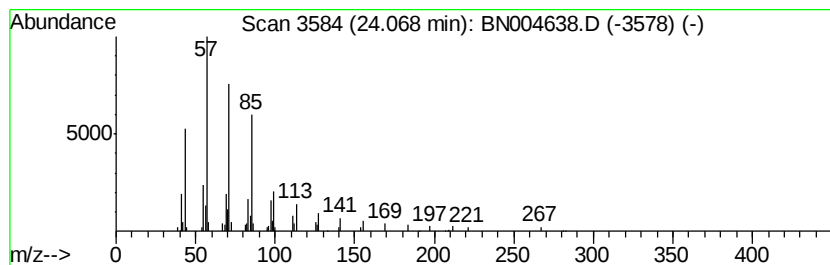
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	5.91 ng/ul	192578	Perylene-d12	23.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004638.D
Acq On : 07 Mar 2019 15:55
Operator : JU/SJ
Sample : K1657-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB637

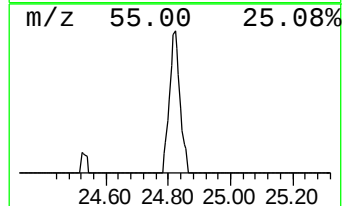
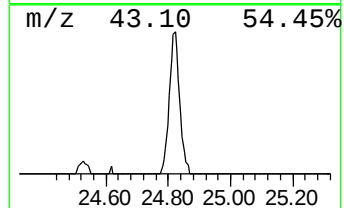
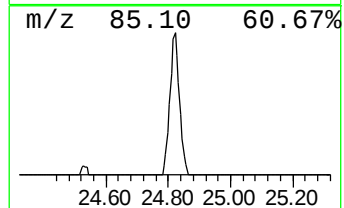
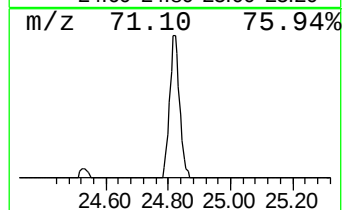
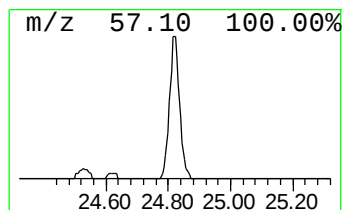
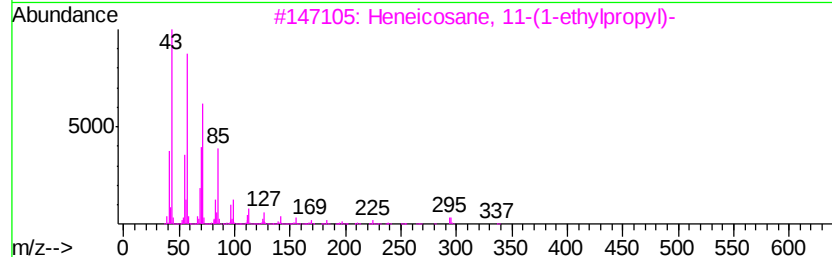
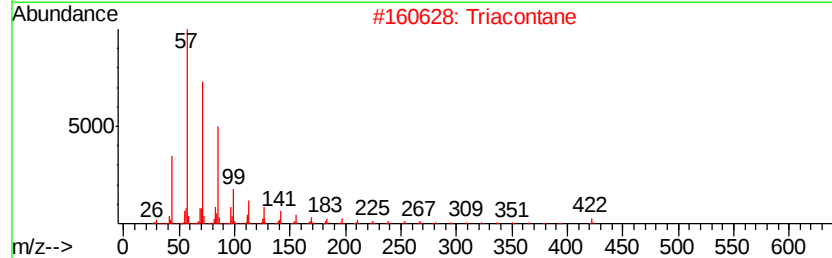
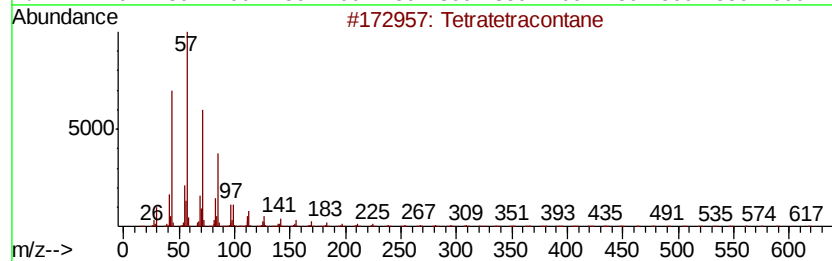
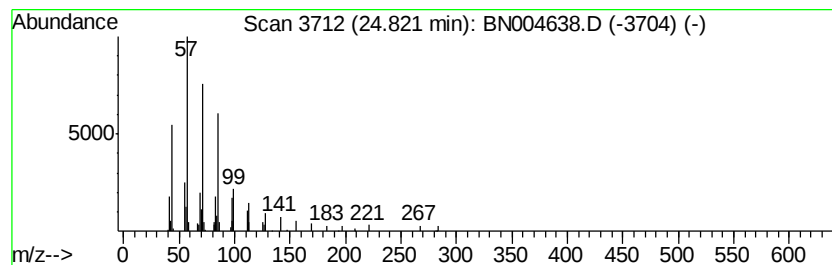
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	3.89 ng/ul	126603	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004638.D
Acq On : 07 Mar 2019 15:55
Operator : JU/SJ
Sample : K1657-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB637

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.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
Oxirane, [(1-meth...	4.86	2.0	ng/ul	15997	1	7.72	159392	20.0
Naphthalene, 1-me...	12.39	35.2	ng/ul	490321	2	10.50	278667	20.0
1,1'-Biphenyl, 4-...	17.59	20.4	ng/ul	546039	4	17.11	534353	20.0
(DEL) Alkane: Str...	24.07	5.9	ng/ul	192578	6	23.57	651585	20.0
(DEL) Alkane: Str...	24.82	3.9	ng/ul	126603	6	23.57	651585	20.0