

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009484.D
 Acq On : 30 Jan 2020 20:53
 Operator : CG/JU
 Sample : L1300-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AK4

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-BN012220MA.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	3.575	97	100	106	rVV2	25293	36560	0.92%	0.087%
2	3.693	115	120	126	rVB	43784	72198	1.83%	0.172%
3	3.781	132	135	141	rVB4	9851	13970	0.35%	0.033%
4	3.993	166	171	180	rVV	152928	206872	5.23%	0.492%
5	4.387	232	238	247	rBV	111494	165055	4.17%	0.392%
6	4.652	278	283	289	rBV	59103	90648	2.29%	0.215%
7	6.652	618	623	635	rBV2	181616	365507	9.24%	0.869%
8	6.810	645	650	658	rBV	135511	223221	5.64%	0.531%
9	6.999	676	682	690	rBV	192105	306784	7.76%	0.729%
10	7.457	753	760	770	rVB	680660	1076962	27.23%	2.560%
11	8.169	874	881	893	rBV2	185406	311744	7.88%	0.741%
12	8.281	893	900	909	rVB	32806	63471	1.60%	0.151%
13	8.599	948	954	962	rBV	176717	297662	7.53%	0.707%
14	9.310	1070	1075	1084	rBV2	131783	217471	5.50%	0.517%
15	9.846	1160	1166	1180	rBV	190119	341199	8.63%	0.811%
16	10.204	1220	1227	1241	rVB	925881	1508042	38.13%	3.584%
17	10.357	1247	1253	1267	rBV	126484	269472	6.81%	0.640%
18	11.881	1507	1512	1519	rBV5	8018	14456	0.37%	0.034%
19	13.516	1784	1790	1794	rBV	360566	516205	13.05%	1.227%
20	13.563	1794	1798	1805	rVB	88800	127331	3.22%	0.303%
21	13.775	1827	1834	1847	rBV	400424	589363	14.90%	1.401%
22	14.092	1881	1888	1894	rBV	1319720	1914493	48.41%	4.550%
23	14.151	1894	1898	1903	rVB	75870	109808	2.78%	0.261%
24	14.334	1923	1929	1940	rBV	72083	162570	4.11%	0.386%
25	14.498	1953	1957	1961	rBV	31738	43311	1.10%	0.103%
26	14.545	1961	1965	1969	rVB6	10470	14916	0.38%	0.035%
27	15.092	2052	2058	2063	rVV	548868	760014	19.22%	1.806%
28	15.145	2063	2067	2073	rVB	81991	119245	3.02%	0.283%
29	15.234	2078	2082	2088	rBV2	127197	194151	4.91%	0.461%
30	15.451	2115	2119	2122	rBV2	15557	19516	0.49%	0.046%
31	15.592	2139	2143	2151	rVB4	15998	27801	0.70%	0.066%
32	16.504	2294	2298	2302	rVV3	19880	28034	0.71%	0.067%
33	16.663	2317	2325	2333	rVB	59505	98427	2.49%	0.234%
34	16.845	2348	2356	2359	rBV	1622227	2201435	55.66%	5.232%

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35	16.886	2359	2363	2368	rVV	1334196	1825170	46.15%	4.338%
36	16.939	2368	2372	2376	rVV2	563646	859242	21.73%	2.042%
37	16.975	2376	2378	2385	rVV	241774	289372	7.32%	0.688%
38	17.051	2387	2391	2395	rVB4	13045	18527	0.47%	0.044%
39	17.251	2419	2425	2435	rBV	136218	206827	5.23%	0.492%
40	17.369	2441	2445	2451	rBV6	19149	31412	0.79%	0.075%
41	17.722	2499	2505	2509	rBV	88363	118504	3.00%	0.282%
42	17.769	2509	2513	2521	rVV	189472	259174	6.55%	0.616%
43	17.845	2522	2526	2532	rVV3	24549	40839	1.03%	0.097%
44	17.910	2532	2537	2541	rVV	177589	264469	6.69%	0.629%
45	17.951	2541	2544	2548	rVB2	50468	66659	1.69%	0.158%
46	18.033	2553	2558	2561	rVV4	8532	14420	0.36%	0.034%
47	18.075	2561	2565	2569	rVV5	18979	26126	0.66%	0.062%
48	18.227	2584	2591	2594	rVV	87216	120941	3.06%	0.287%
49	18.269	2594	2598	2604	rVV2	103667	141720	3.58%	0.337%
50	18.327	2604	2608	2611	rVV3	11532	19030	0.48%	0.045%
51	18.480	2630	2634	2637	rBV2	14177	15911	0.40%	0.038%
52	18.533	2639	2643	2645	rBV	13991	17655	0.45%	0.042%
53	18.569	2646	2649	2653	rVB5	19416	23310	0.59%	0.055%
54	18.651	2658	2663	2668	rBV6	32086	72725	1.84%	0.173%
55	18.710	2668	2673	2676	rVV5	22550	31185	0.79%	0.074%
56	18.792	2682	2687	2695	rBV2	53648	99200	2.51%	0.236%
57	18.910	2701	2707	2716	rVB	2189677	2845591	71.95%	6.763%
58	19.016	2721	2725	2729	rVB3	25947	41910	1.06%	0.100%
59	19.063	2729	2733	2738	rBV7	35867	48391	1.22%	0.115%
60	19.157	2738	2749	2755	rBV	59586	131929	3.34%	0.314%
61	19.245	2759	2764	2766	rBV	1020823	1382319	34.95%	3.285%
62	19.274	2766	2769	2778	rVV	1671112	2202067	55.68%	5.234%
63	19.351	2778	2782	2788	rVB	64193	91274	2.31%	0.217%
64	19.463	2796	2801	2806	rBV	81979	108405	2.74%	0.258%
65	19.522	2808	2811	2816	rVB	21591	25334	0.64%	0.060%
66	19.604	2820	2825	2826	rBV2	69627	91345	2.31%	0.217%
67	19.663	2832	2835	2838	rVB	37899	39113	0.99%	0.093%
68	19.745	2844	2849	2850	rBV4	70257	94949	2.40%	0.226%
69	19.780	2851	2855	2862	rVB	205396	284447	7.19%	0.676%
70	19.833	2862	2864	2868	rBV4	11242	15054	0.38%	0.036%
71	19.880	2868	2872	2876	rBV	149473	189315	4.79%	0.450%

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72	19.939	2876	2882	2885	rVV2	117159	189380	4.79%	0.450%
73	19.974	2885	2888	2893	rVB2	59015	77749	1.97%	0.185%
74	20.021	2893	2896	2900	rVB4	30034	36661	0.93%	0.087%
75	20.080	2902	2906	2909	rVB	49122	65638	1.66%	0.156%
76	20.121	2909	2913	2917	rBV3	55387	89546	2.26%	0.213%
77	20.204	2925	2927	2931	rBV5	19525	23755	0.60%	0.056%
78	20.492	2973	2976	2978	rBV4	31538	41448	1.05%	0.099%
79	20.533	2980	2983	2988	rVB	100952	142204	3.60%	0.338%
80	20.698	3006	3011	3014	rBV2	171661	236644	5.98%	0.562%
81	20.733	3014	3017	3020	rVV	135791	164009	4.15%	0.390%
82	20.769	3020	3023	3024	rVV	119216	118992	3.01%	0.283%
83	20.792	3025	3027	3031	rVV4	210500	317908	8.04%	0.756%
84	20.833	3031	3034	3042	rVB	120537	184345	4.66%	0.438%
85	21.004	3059	3063	3064	rBV2	80490	98785	2.50%	0.235%
86	21.051	3064	3071	3075	rVV2	2173448	3954864	100.00%	9.400%
87	21.086	3075	3077	3087	rVB	978044	1138767	28.79%	2.707%
88	21.204	3094	3097	3100	rBV	136865	148830	3.76%	0.354%
89	21.363	3120	3124	3129	rBV2	106372	191519	4.84%	0.455%
90	21.774	3191	3194	3197	rBV2	84549	109526	2.77%	0.260%
91	21.804	3197	3199	3204	rVB3	96045	113888	2.88%	0.271%
92	22.098	3246	3249	3254	rVB2	164983	219859	5.56%	0.523%
93	22.545	3320	3325	3334	rBV2	834304	2569015	64.96%	6.106%
94	22.986	3395	3400	3404	rBV	451211	792749	20.04%	1.884%
95	23.033	3404	3408	3412	rVV	538624	857676	21.69%	2.038%
96	23.074	3412	3415	3423	rVB2	651193	1299562	32.86%	3.089%
97	23.163	3425	3430	3436	rBV	1324084	2344986	59.29%	5.573%
98	23.692	3517	3520	3526	rVB	290862	443358	11.21%	1.054%
99	25.227	3777	3781	3791	rVB2	339856	788617	19.94%	1.874%
100	25.856	3883	3888	3900	rVB2	255480	653116	16.51%	1.552%

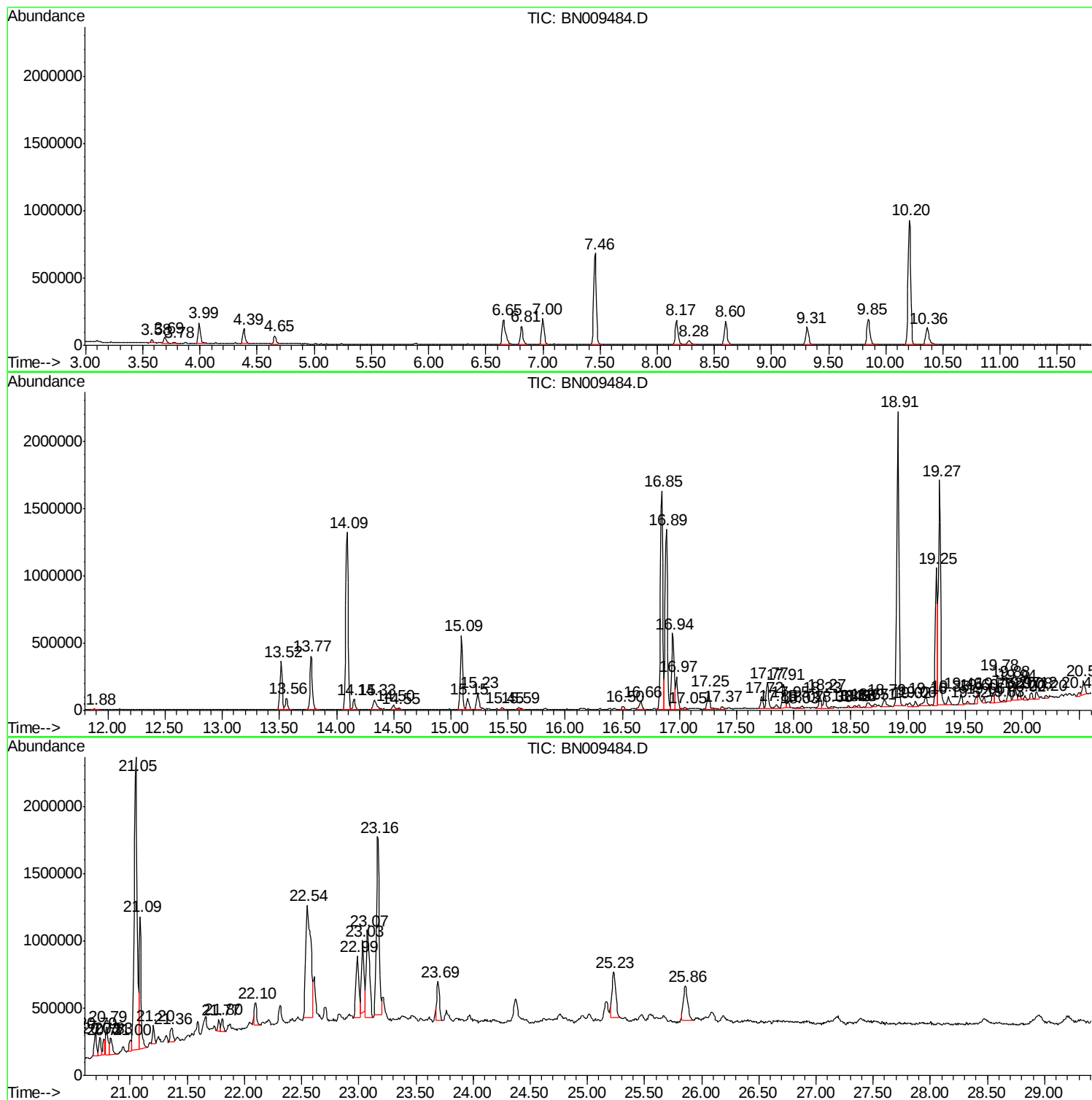
Sum of corrected areas: 42075171

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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



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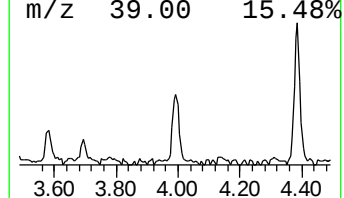
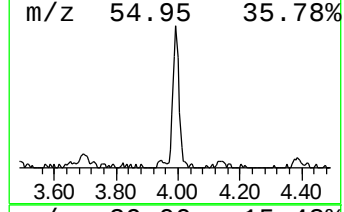
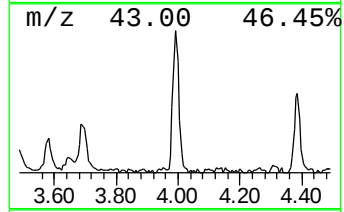
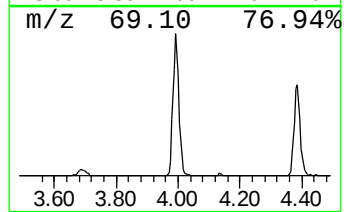
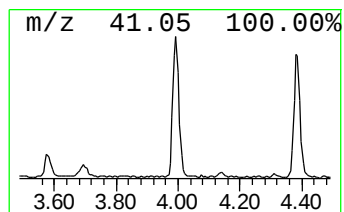
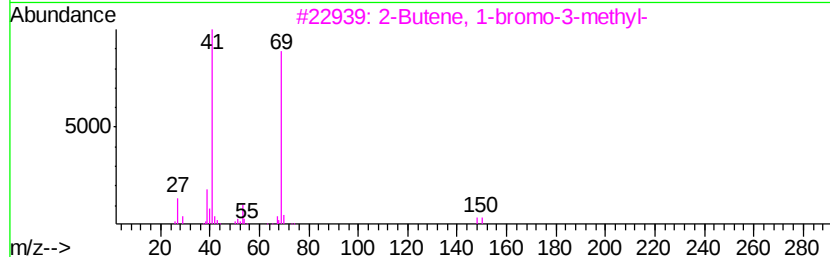
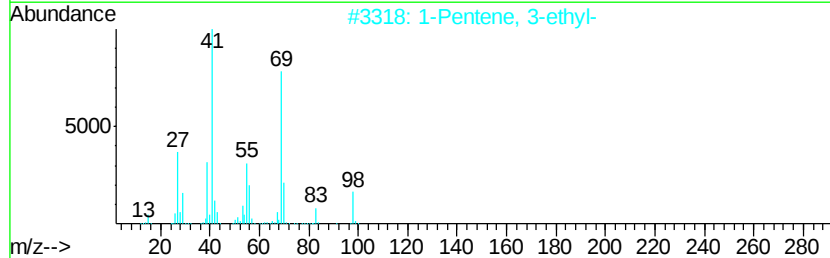
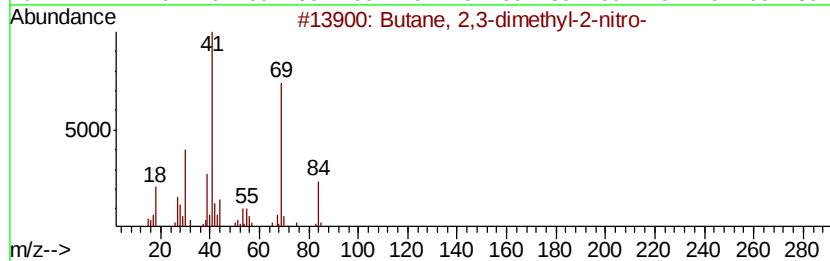
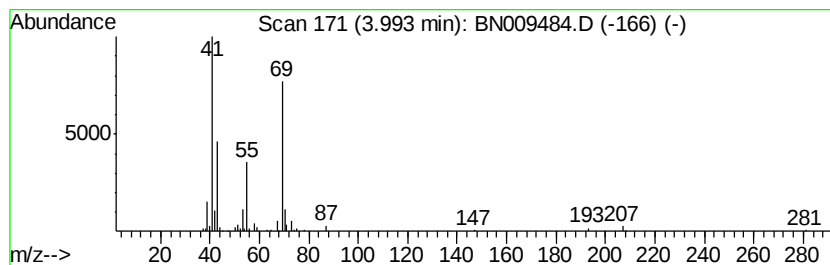
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2,3-dimethyl-2-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	3.84 ng/ul	206872	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	56
2		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	50
3		2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
4		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
5		3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	43



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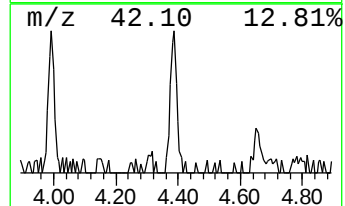
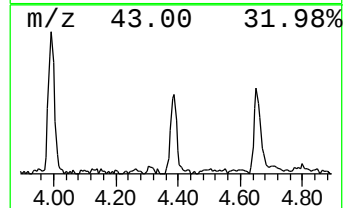
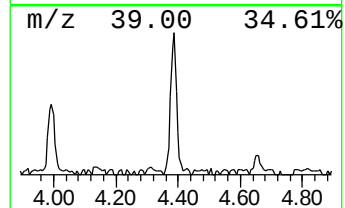
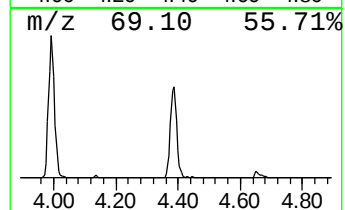
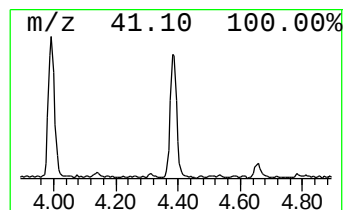
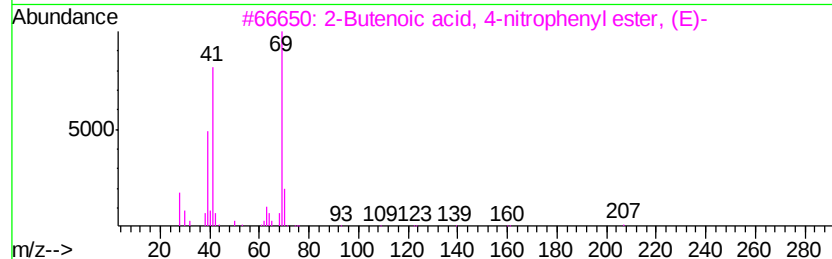
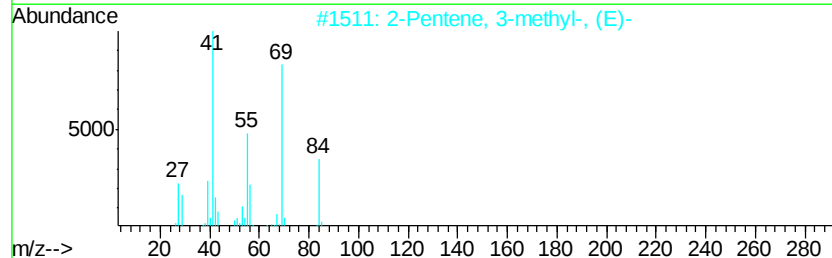
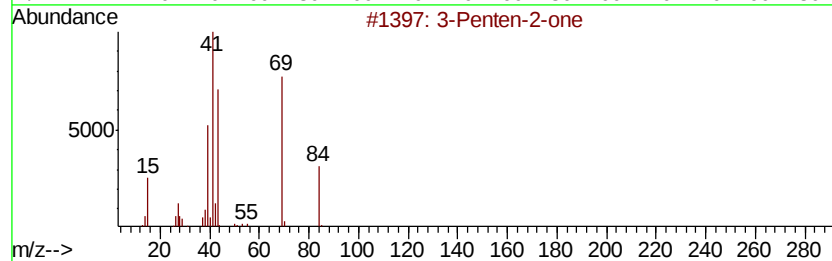
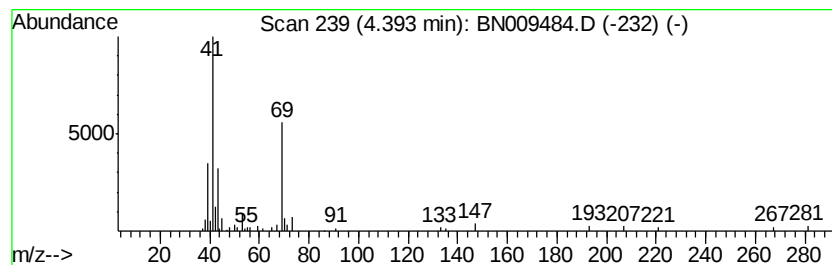
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.07 ng/ul	165055	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Penten-2-one	84	C5H8O	000625-33-2	33
2	2	Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	33
3	2	Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	25
4	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	23	
5	Butanoic acid, heptafluoro-, 2-p...	254	C7H5F7O2	017165-55-8	23	



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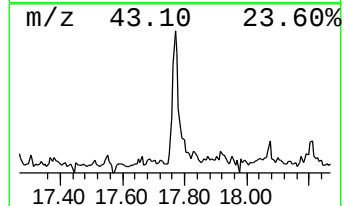
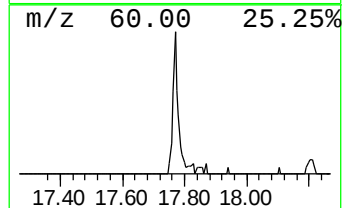
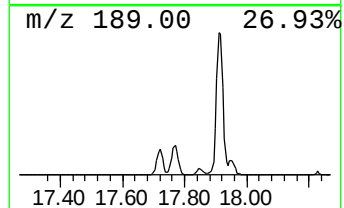
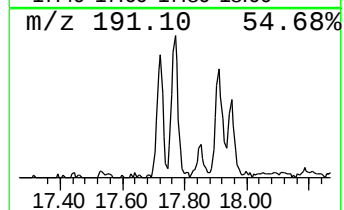
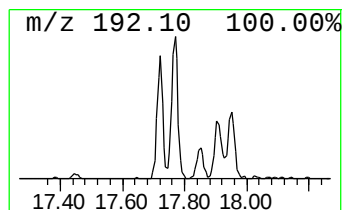
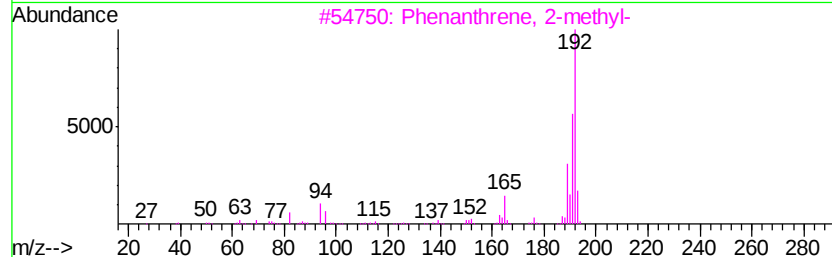
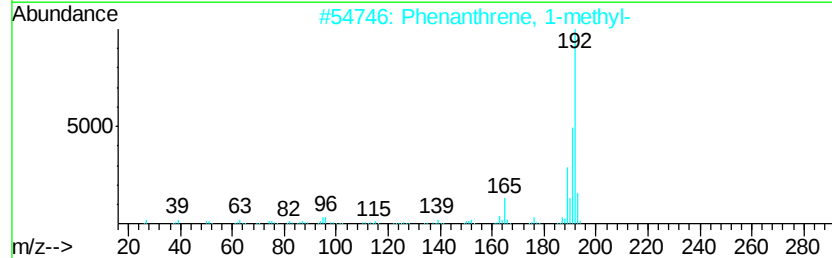
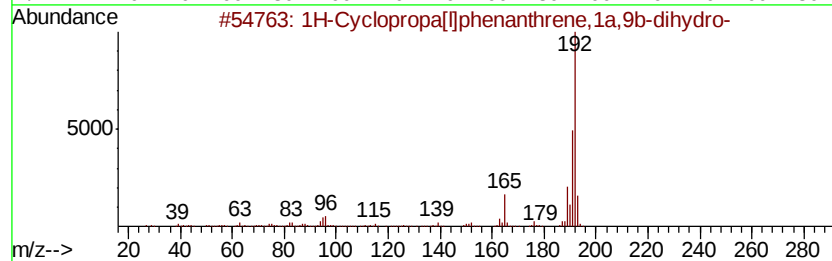
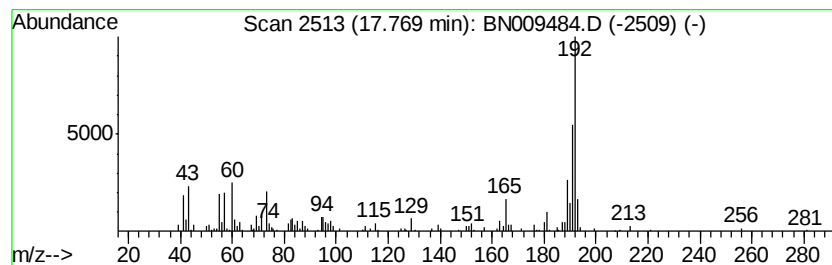
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.35 ng/ul	259174	Phenanthrene-d10	16.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009484.D
Acq On : 30 Jan 2020 20:53
Operator : CG/JU
Sample : L1300-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AK4

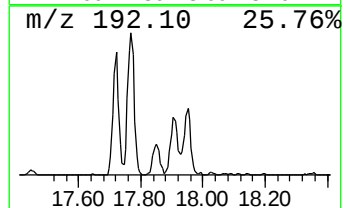
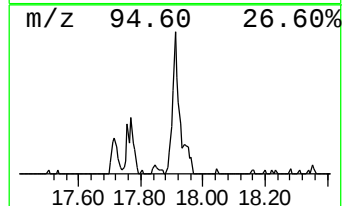
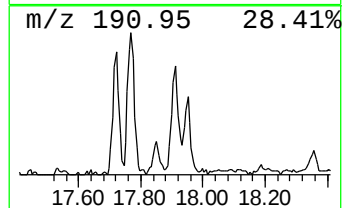
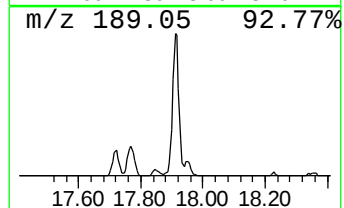
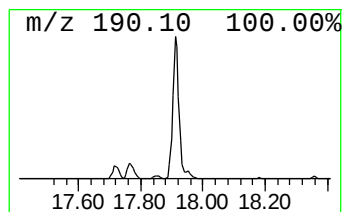
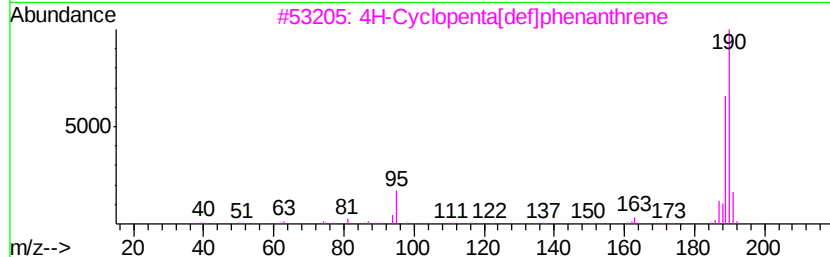
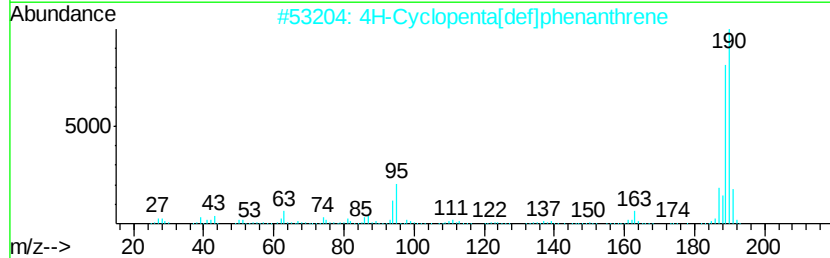
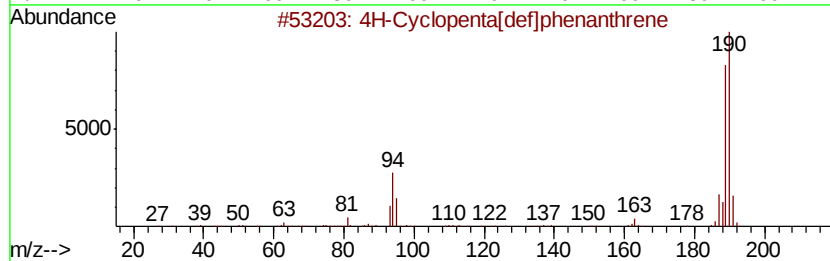
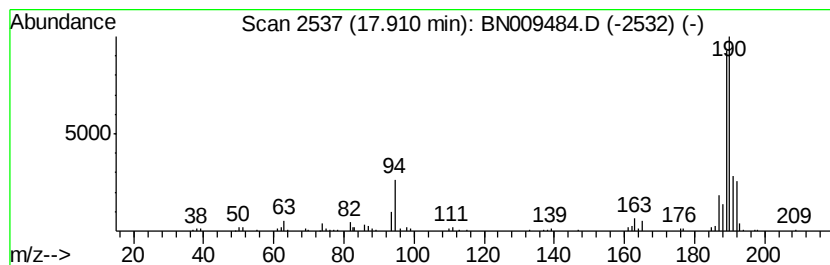
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	2.40 ng/ul	264469	Phenanthrene-d10	16.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	64
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009484.D
Acq On : 30 Jan 2020 20:53
Operator : CG/JU
Sample : L1300-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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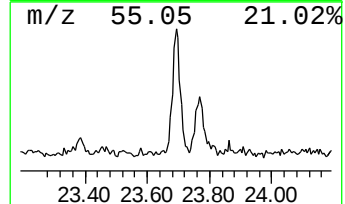
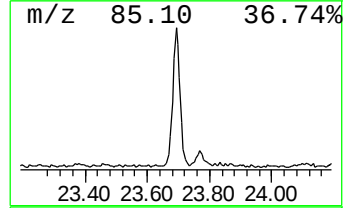
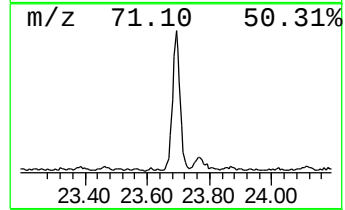
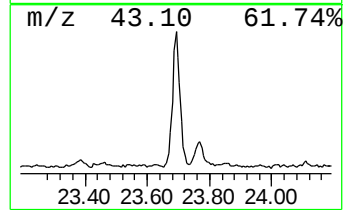
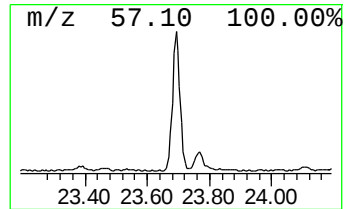
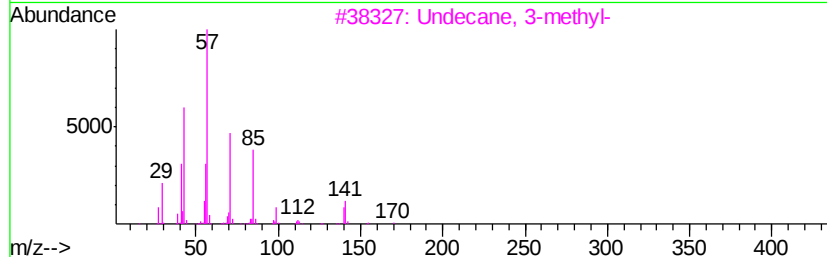
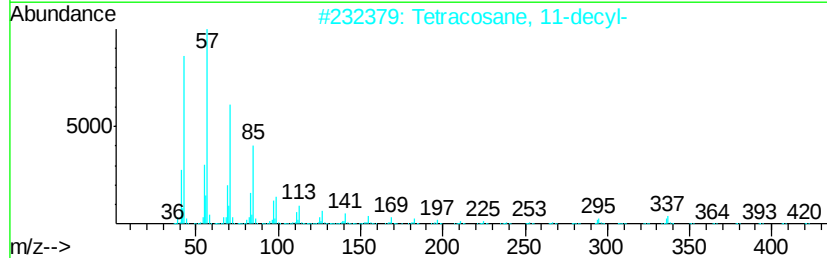
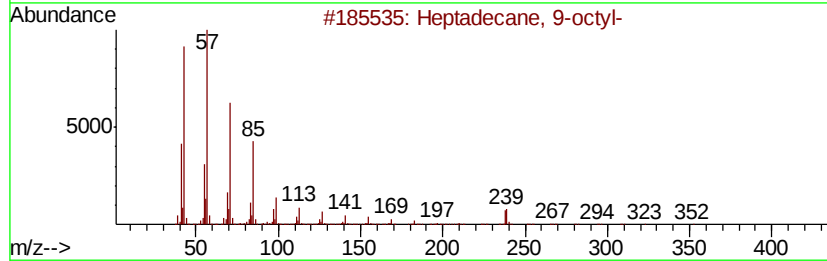
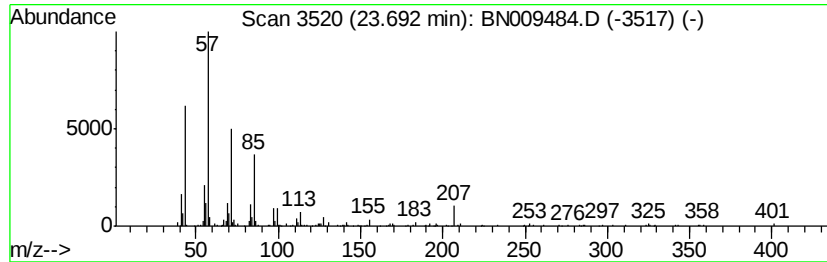
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.78 ng/ul	443358	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	64
5		2-methyloctacosane	408	C29H60	1000376-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009484.D
Acq On : 30 Jan 2020 20:53
Operator : CG/JU
Sample : L1300-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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
Butane, 2,3-dimet...	3.99	3.8	ng/ul	206872	1	7.46	1076960	20.0
unknown-01	4.39	3.1	ng/ul	165055	1	7.46	1076960	20.0
1H-Cyclopropa[l]p...	17.77	2.4	ng/ul	259174	4	16.85	2201440	20.0
4H-Cyclopenta[def...	17.91	2.4	ng/ul	264469	4	16.85	2201440	20.0
(DEL) Alkane: Str...	23.69	3.8	ng/ul	443358	6	23.16	2344990	20.0