

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005870.D
 Acq On : 23 May 2019 02:58
 Operator : JU/SJ
 Sample : K2927-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B2

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-BN051819MA.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	6.769	638	643	660	rVV	66871	189338	5.70%	0.489%
2	6.911	663	667	679	rVB	79209	144966	4.36%	0.374%
3	7.105	695	700	712	rBV2	97601	193917	5.83%	0.501%
4	7.564	772	778	788	rVB	229073	437406	13.16%	1.129%
5	8.287	896	901	914	rBV	100918	215447	6.48%	0.556%
6	8.722	969	975	987	rBV	112012	228360	6.87%	0.590%
7	9.434	1091	1096	1105	rBV	79403	155076	4.67%	0.400%
8	9.993	1183	1191	1206	rBV2	85427	271648	8.17%	0.701%
9	10.110	1207	1211	1221	rVB4	49772	92784	2.79%	0.240%
10	10.322	1240	1247	1264	rVB	386702	699539	21.04%	1.806%
11	10.505	1272	1278	1291	rBV2	50143	148613	4.47%	0.384%
12	12.610	1626	1636	1647	rBV4	30149	95040	2.86%	0.245%
13	13.616	1802	1807	1812	rBV	346422	523761	15.76%	1.352%
14	13.669	1812	1816	1824	rVV	170169	282410	8.50%	0.729%
15	13.893	1847	1854	1867	rBV	426449	668200	20.10%	1.725%
16	14.198	1900	1906	1914	rVV2	698485	1070700	32.21%	2.764%
17	15.204	2071	2077	2085	rVV	527317	833576	25.08%	2.152%
18	15.387	2100	2108	2116	rBV2	44962	97448	2.93%	0.252%
19	15.945	2196	2203	2209	rBV7	19726	40450	1.22%	0.104%
20	16.781	2341	2345	2353	rVB3	20816	40685	1.22%	0.105%
21	16.957	2369	2375	2379	rBV2	1062741	1483622	44.63%	3.830%
22	16.998	2379	2382	2387	rVV	334459	449092	13.51%	1.159%
23	17.057	2387	2392	2397	rVV2	610332	950522	28.59%	2.454%
24	17.098	2397	2399	2404	rVB	68944	86992	2.62%	0.225%
25	17.481	2459	2464	2468	rVB2	24562	43157	1.30%	0.111%
26	17.545	2468	2475	2478	rBV3	26068	44643	1.34%	0.115%
27	17.839	2520	2525	2528	rVV	120438	172640	5.19%	0.446%
28	17.886	2528	2533	2539	rVB	173421	294105	8.85%	0.759%
29	17.975	2544	2548	2552	rVV	56196	84051	2.53%	0.217%
30	18.028	2552	2557	2562	rVV2	193768	360986	10.86%	0.932%
31	18.075	2562	2565	2573	rVB	127374	173868	5.23%	0.449%
32	18.163	2576	2580	2584	rBV4	25843	44276	1.33%	0.114%
33	18.245	2590	2594	2598	rVB	34877	46728	1.41%	0.121%
34	18.345	2605	2611	2618	rVV	99045	181547	5.46%	0.469%

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35	18.410	2618	2622	2628	rVB	85799	132760	3.99%	0.343%
36	18.469	2628	2632	2637	rBV	24997	40521	1.22%	0.105%
37	18.598	2650	2654	2659	rVV	66519	120836	3.63%	0.312%
38	18.651	2659	2663	2666	rVV	63366	91285	2.75%	0.236%
39	18.686	2666	2669	2673	rVB3	45161	60292	1.81%	0.156%
40	18.769	2678	2683	2687	rBV	216688	326532	9.82%	0.843%
41	18.810	2687	2690	2692	rBV2	62043	82547	2.48%	0.213%
42	18.863	2697	2699	2703	rVB2	66086	75373	2.27%	0.195%
43	18.922	2703	2709	2715	rBV3	111126	232902	7.01%	0.601%
44	19.033	2723	2728	2735	rBV	1134006	1582160	47.59%	4.085%
45	19.104	2736	2740	2743	rVV3	42762	51268	1.54%	0.132%
46	19.139	2743	2746	2750	rVB4	53306	64491	1.94%	0.167%
47	19.192	2752	2755	2758	rVB2	40334	42224	1.27%	0.109%
48	19.281	2764	2770	2774	rBV3	64700	123108	3.70%	0.318%
49	19.322	2774	2777	2780	rVB3	47026	55780	1.68%	0.144%
50	19.375	2780	2786	2788	rBV	1041329	1483210	44.62%	3.829%
51	19.404	2788	2791	2800	rVB	1137021	1560718	46.95%	4.029%
52	19.486	2800	2805	2811	rVB2	133421	220143	6.62%	0.568%
53	19.598	2817	2824	2829	rVB2	62835	132037	3.97%	0.341%
54	19.651	2829	2833	2841	rVB4	56034	108441	3.26%	0.280%
55	19.739	2842	2848	2857	rBV5	151566	418391	12.59%	1.080%
56	19.828	2859	2863	2867	rBV4	32980	48995	1.47%	0.126%
57	19.886	2867	2873	2874	rBV4	117426	222304	6.69%	0.574%
58	19.910	2874	2877	2881	rVB2	159174	205364	6.18%	0.530%
59	19.980	2886	2889	2891	rBV3	31978	38712	1.16%	0.100%
60	20.010	2891	2894	2898	rBV	68031	84582	2.54%	0.218%
61	20.069	2899	2904	2910	rVV2	198715	317565	9.55%	0.820%
62	20.157	2915	2919	2923	rVB2	44069	60721	1.83%	0.157%
63	20.210	2923	2928	2932	rBV	171401	228201	6.86%	0.589%
64	20.257	2932	2936	2941	rVB	144551	191401	5.76%	0.494%
65	20.475	2970	2973	2975	rBV3	33190	43617	1.31%	0.113%
66	20.580	2988	2991	2995	rVB5	43249	53067	1.60%	0.137%
67	20.680	3003	3008	3012	rBV	208402	278753	8.39%	0.720%
68	20.757	3018	3021	3027	rVB	45762	61412	1.85%	0.159%
69	20.833	3027	3034	3037	rBV	210335	341235	10.27%	0.881%
70	20.869	3037	3040	3044	rVV	164354	208234	6.26%	0.538%
71	20.910	3044	3047	3056	rVV3	231553	462632	13.92%	1.194%

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72	20.980	3056	3059	3063	rVB	192081	237669	7.15%	0.614%
73	21.057	3068	3072	3073	rBV4	36968	50139	1.51%	0.129%
74	21.110	3078	3081	3086	rVB	107861	111452	3.35%	0.288%
75	21.192	3087	3095	3098	rBV2	1779237	3324238	100.00%	8.582%
76	21.227	3098	3101	3106	rVB	820921	1021208	30.72%	2.637%
77	21.345	3118	3121	3125	rBV3	113223	133839	4.03%	0.346%
78	21.416	3129	3133	3139	rBV4	97928	210502	6.33%	0.543%
79	21.527	3146	3152	3155	rBV3	93982	164725	4.96%	0.425%
80	21.645	3169	3172	3175	rBV	56518	73884	2.22%	0.191%
81	21.686	3176	3179	3182	rVV	65648	90648	2.73%	0.234%
82	21.745	3182	3189	3192	rVV	275069	452155	13.60%	1.167%
83	21.780	3192	3195	3203	rVV2	523246	798877	24.03%	2.063%
84	21.851	3205	3207	3211	rVB2	92100	125158	3.77%	0.323%
85	21.939	3218	3222	3224	rBV	124003	164739	4.96%	0.425%
86	22.033	3235	3238	3243	rVB3	90551	135605	4.08%	0.350%
87	22.233	3267	3272	3278	rBV2	295374	518372	15.59%	1.338%
88	22.457	3305	3310	3314	rBV2	348977	500108	15.04%	1.291%
89	22.498	3314	3317	3322	rVB2	104545	157724	4.74%	0.407%
90	22.727	3350	3356	3363	rBV2	1101171	2747848	82.66%	7.094%
91	22.910	3383	3387	3392	rVB	125125	202237	6.08%	0.522%
92	23.204	3432	3437	3441	rBV	375711	656841	19.76%	1.696%
93	23.251	3441	3445	3449	rVV	688253	1271769	38.26%	3.283%
94	23.298	3449	3453	3461	rVB	539459	977556	29.41%	2.524%
95	23.392	3462	3469	3474	rBV	1027413	1883085	56.65%	4.862%
96	23.569	3496	3499	3505	rVB5	79602	135672	4.08%	0.350%
97	23.892	3548	3554	3564	rVB2	279063	560658	16.87%	1.447%
98	24.604	3669	3675	3687	rVB3	108849	288246	8.67%	0.744%
99	25.580	3833	3841	3851	rBV2	259387	703088	21.15%	1.815%
100	26.251	3949	3955	3963	rBV	116491	337612	10.16%	0.872%

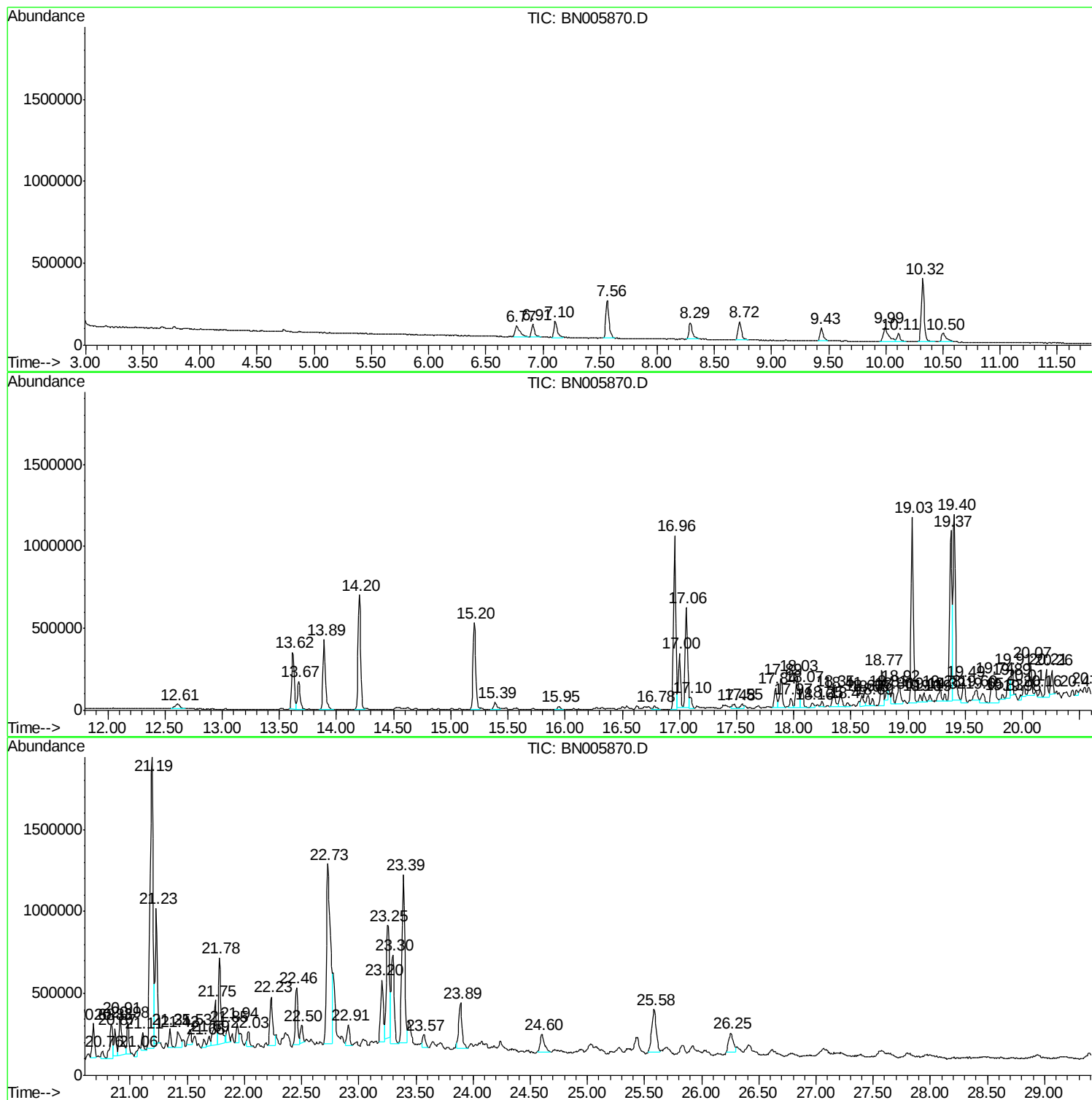
Sum of corrected areas: 38733061

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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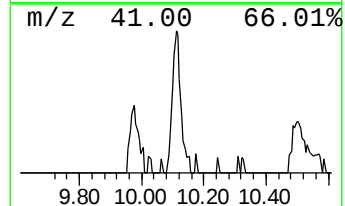
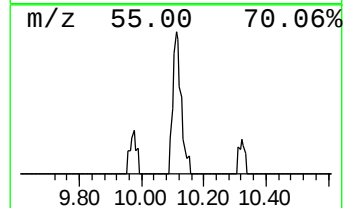
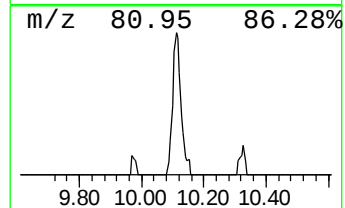
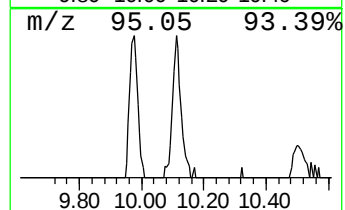
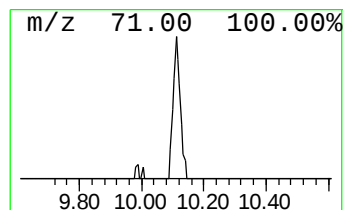
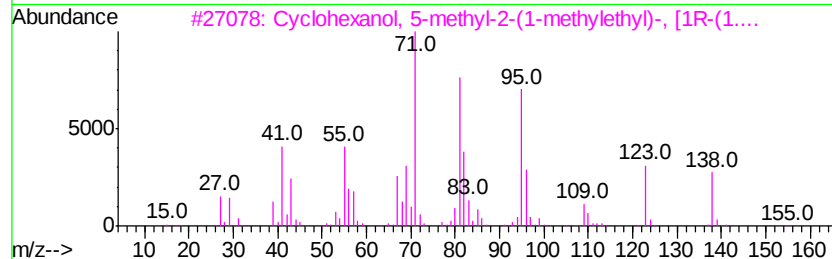
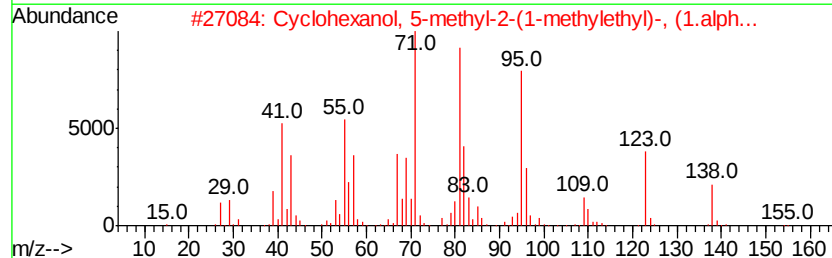
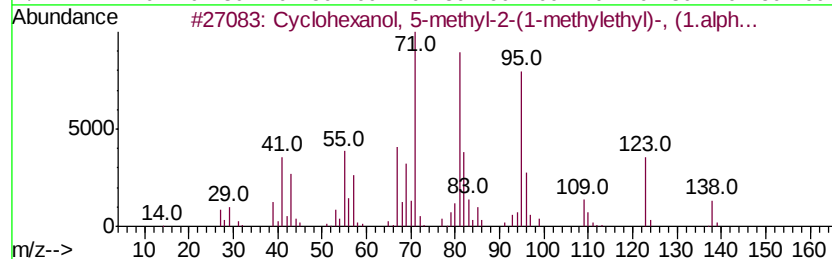
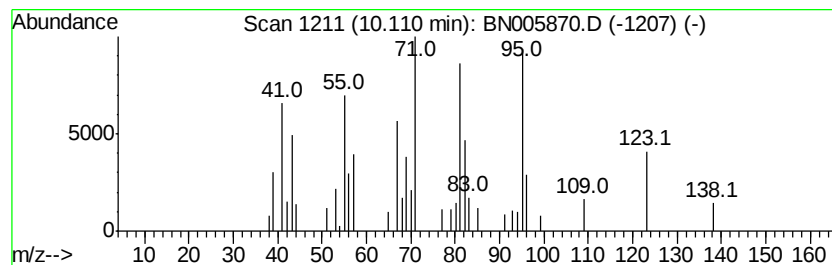
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.65 ng/ul	92784	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	87
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-51-5	78
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-51-5	78
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	52



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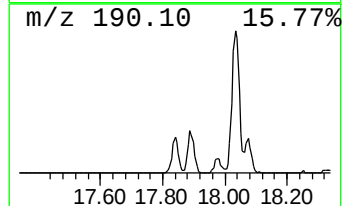
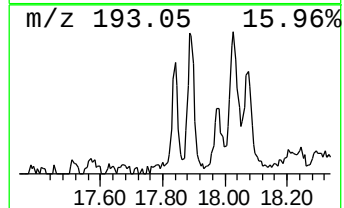
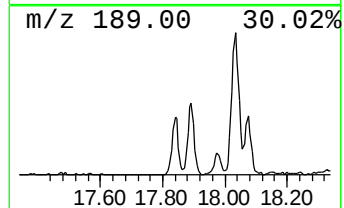
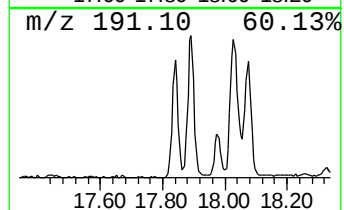
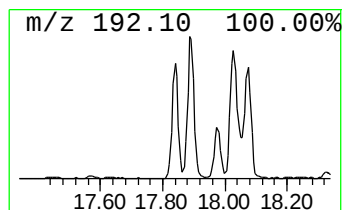
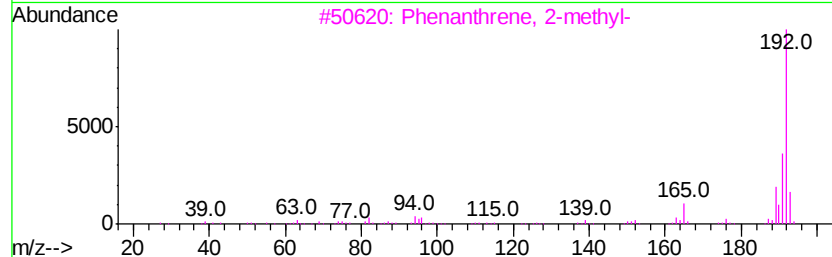
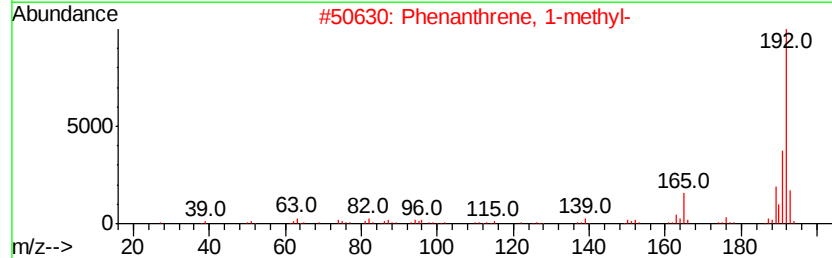
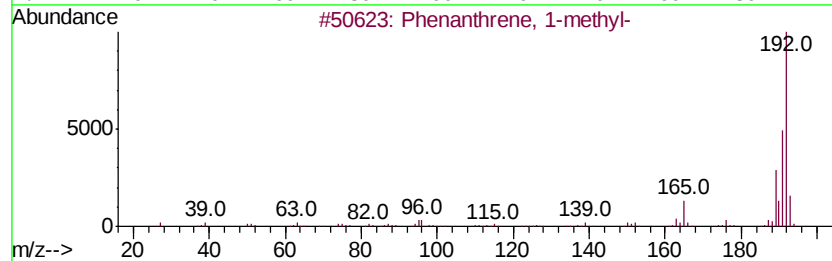
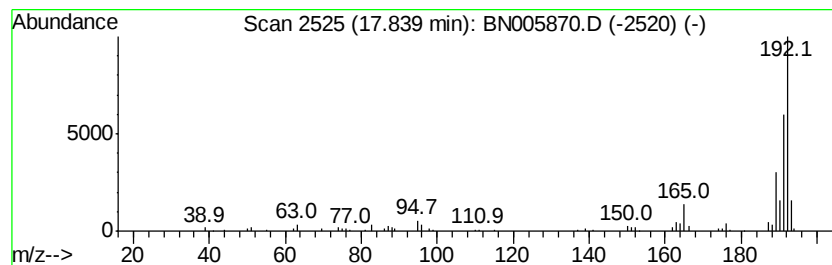
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.33 ng/ul	172640	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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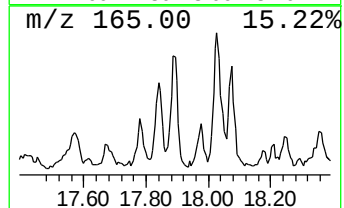
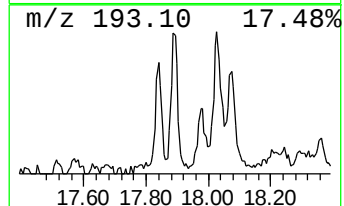
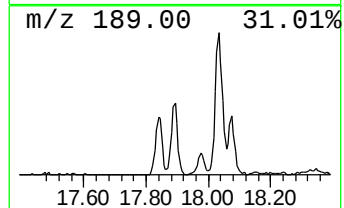
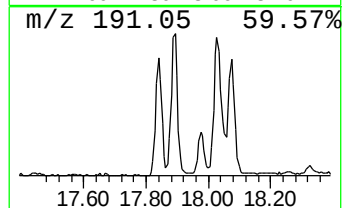
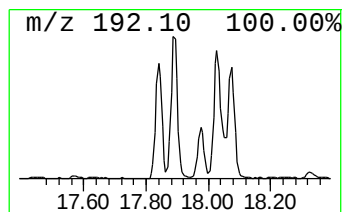
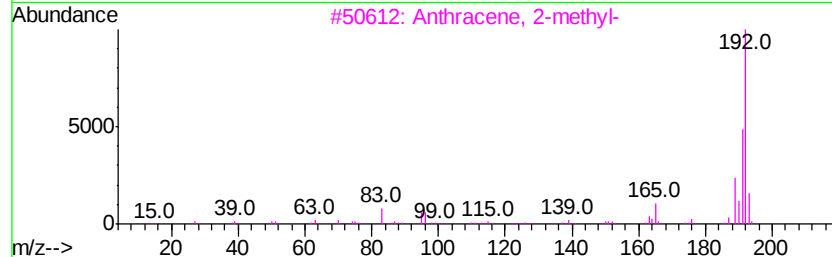
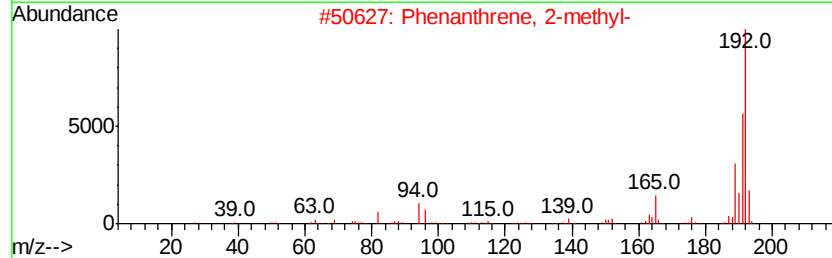
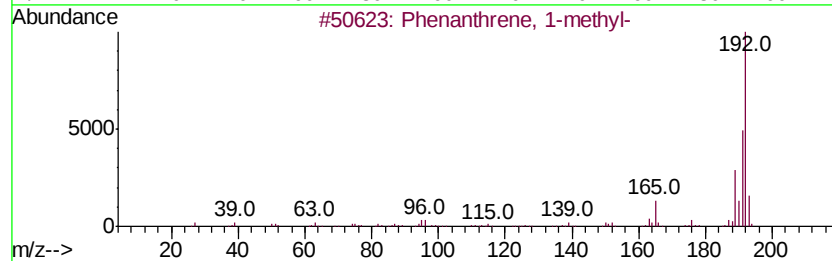
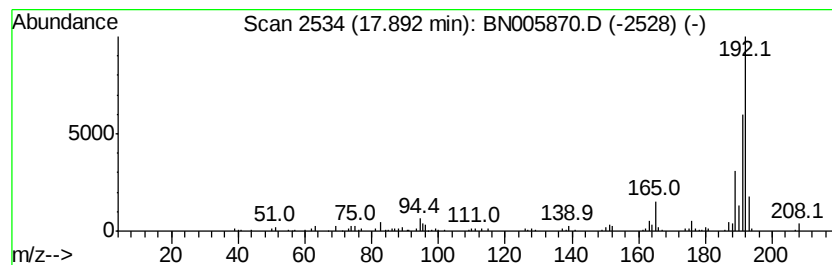
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.96 ng/ul	294105	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



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Data File : BN005870.D
Acq On : 23 May 2019 02:58
Operator : JU/SJ
Sample : K2927-15
Misc :
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Instrument :
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ClientSampleId :
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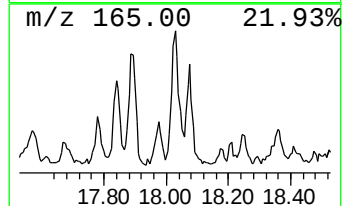
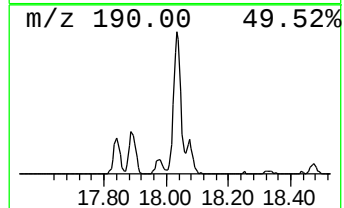
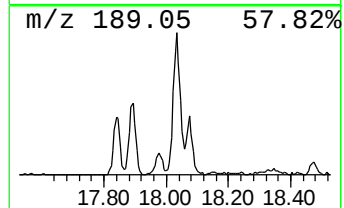
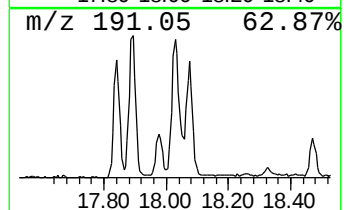
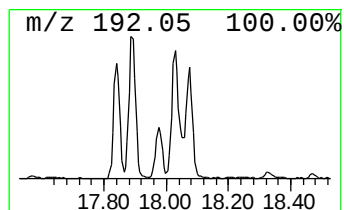
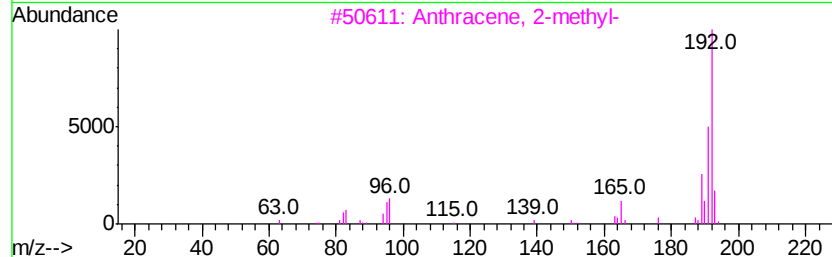
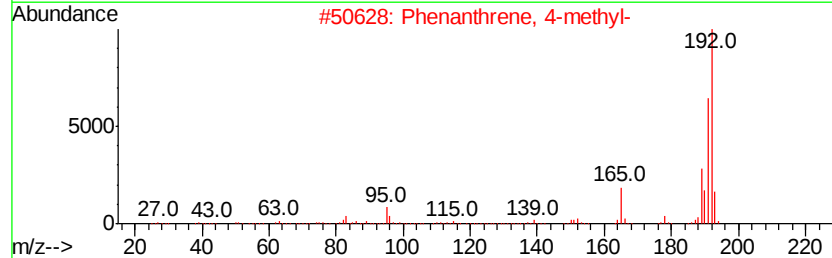
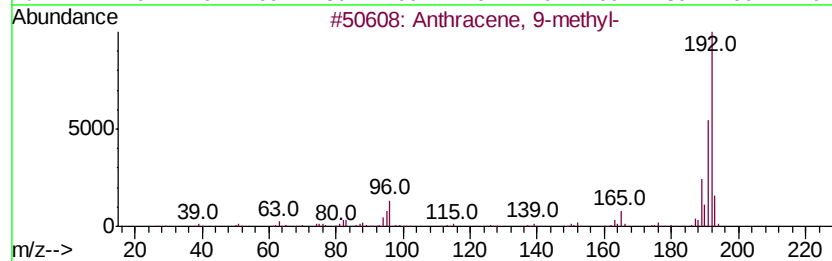
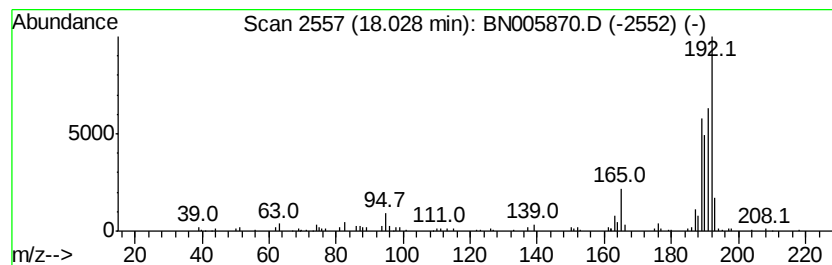
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.87 ng/ul	360986	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	60
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	60



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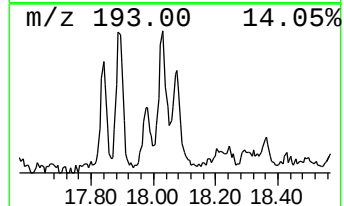
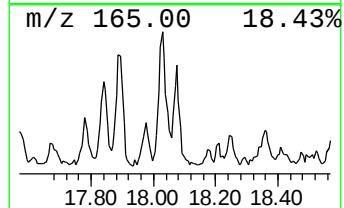
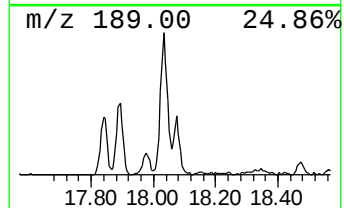
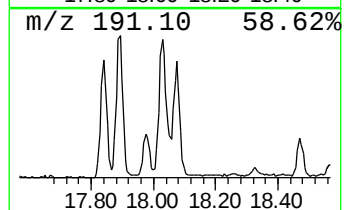
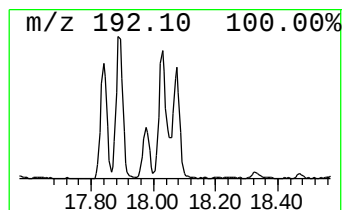
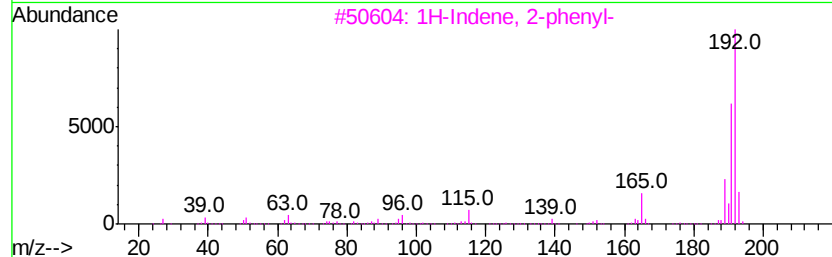
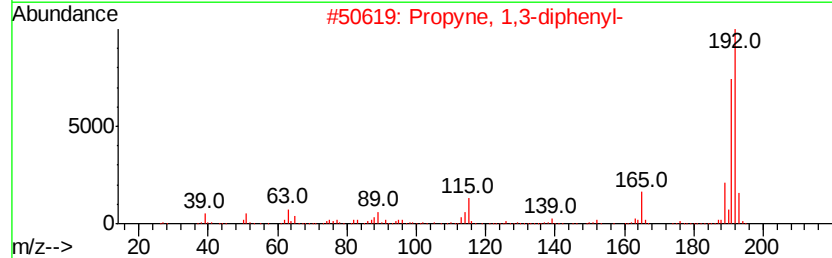
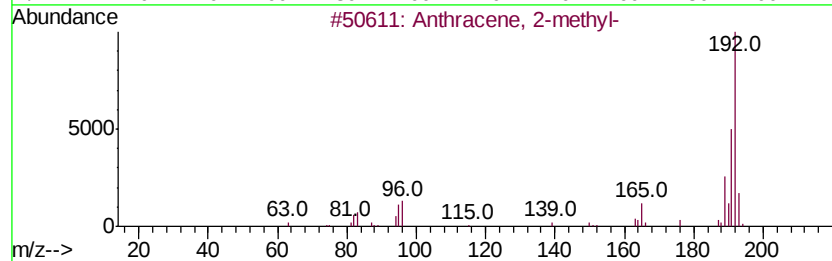
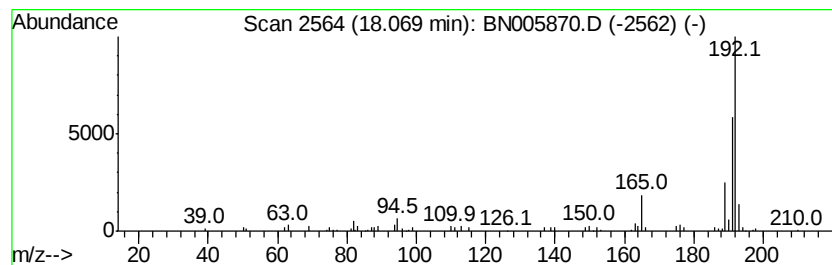
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.34 ng/ul	173868	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	76
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	72



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Sample : K2927-15
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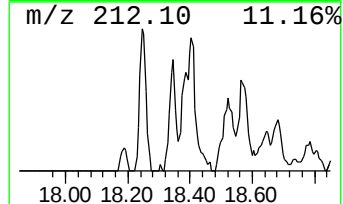
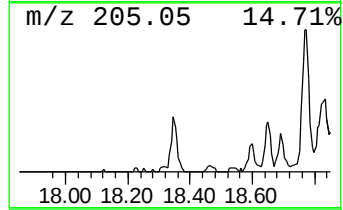
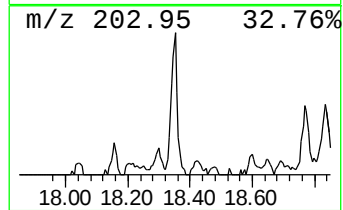
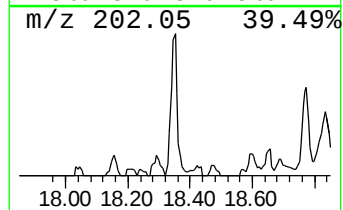
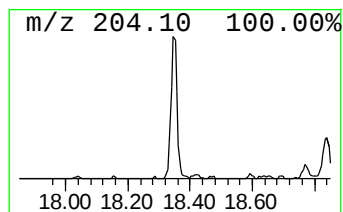
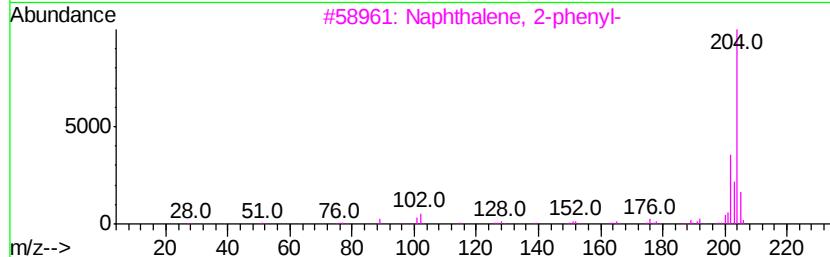
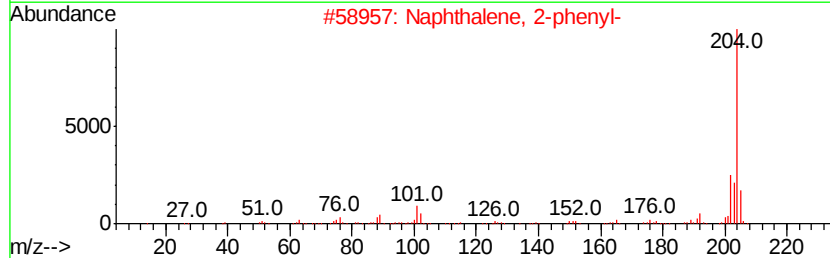
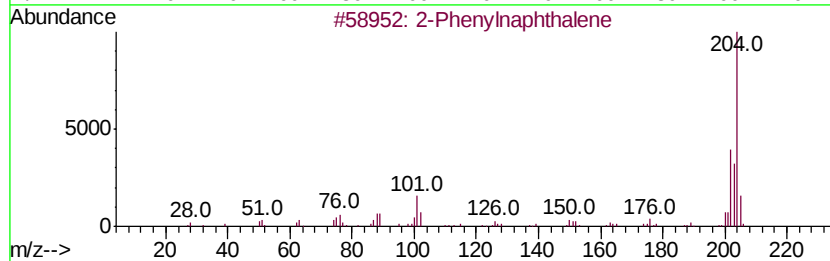
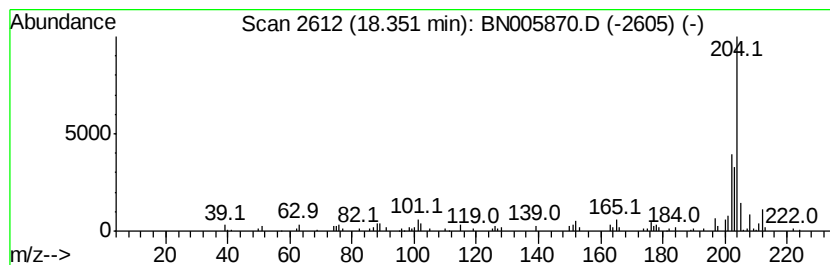
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Phenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.45 ng/ul	181547	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	60
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53



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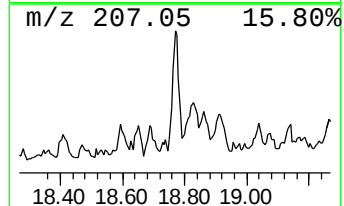
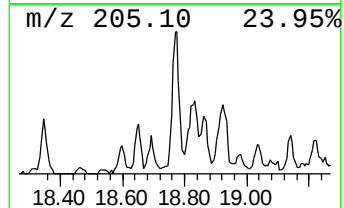
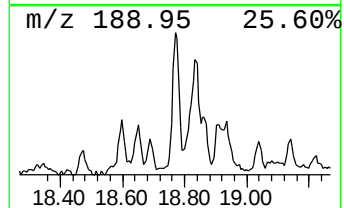
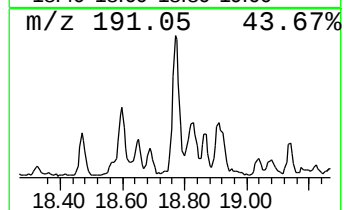
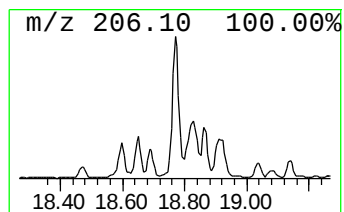
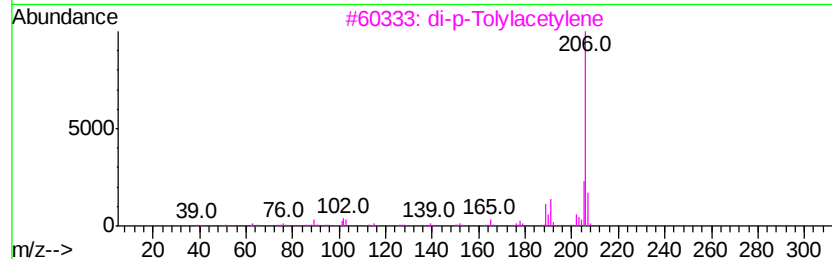
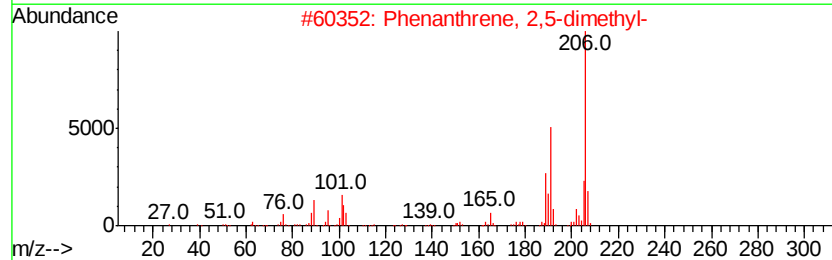
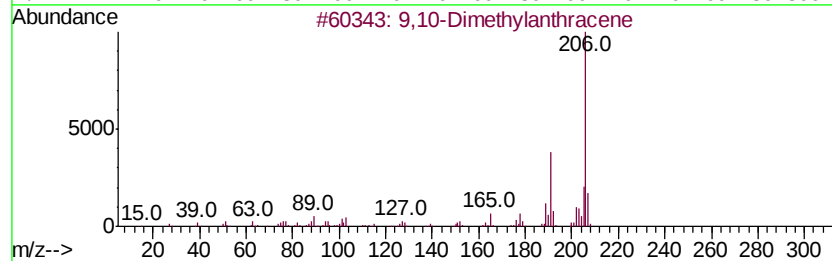
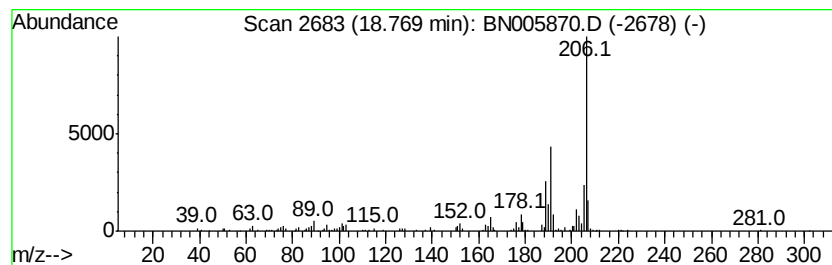
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	4.40 ng/ul	326532	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3			di-p-Tolylacetvlene	206	C16H14	002789-88-0	95
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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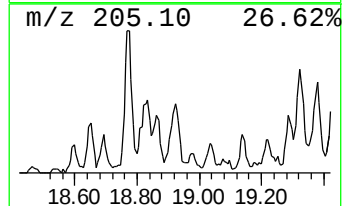
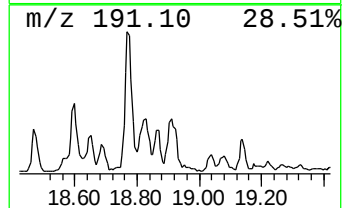
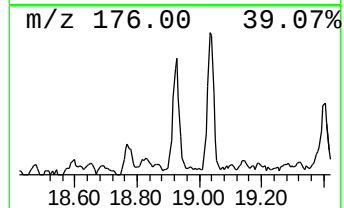
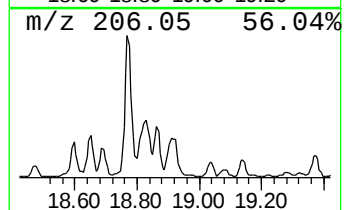
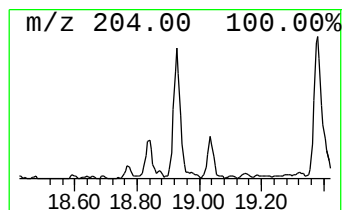
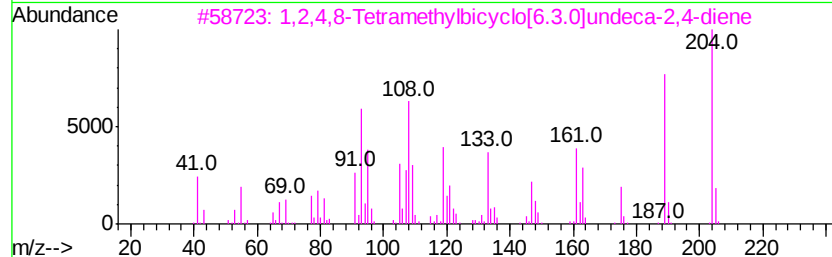
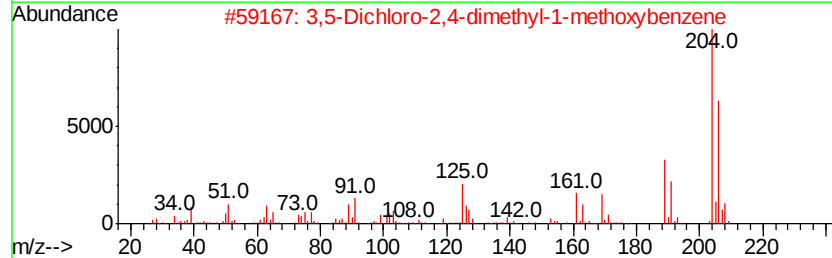
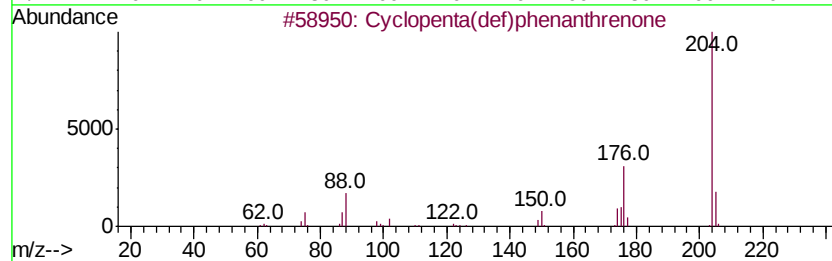
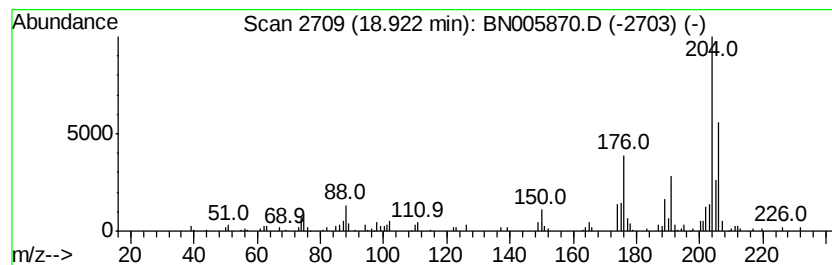
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.14 ng/ul	232902	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2		3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	46
3		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	46
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	37



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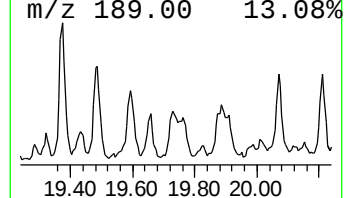
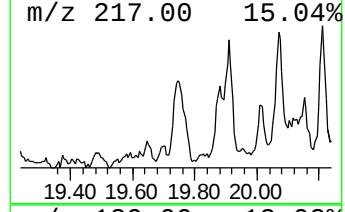
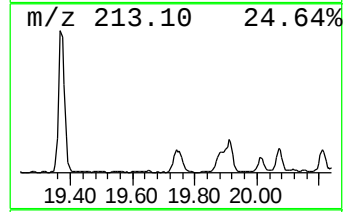
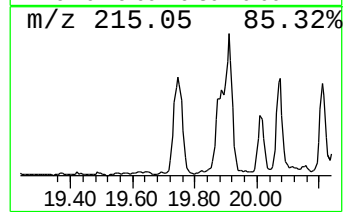
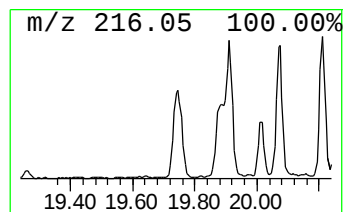
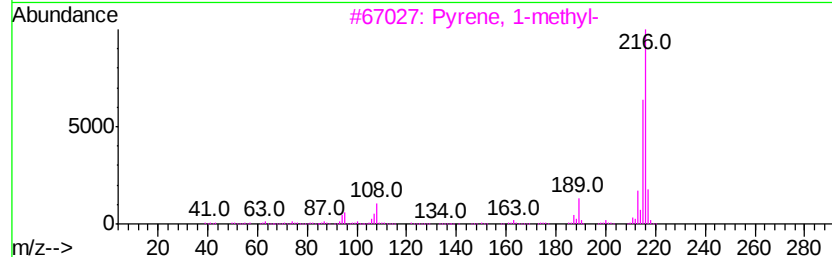
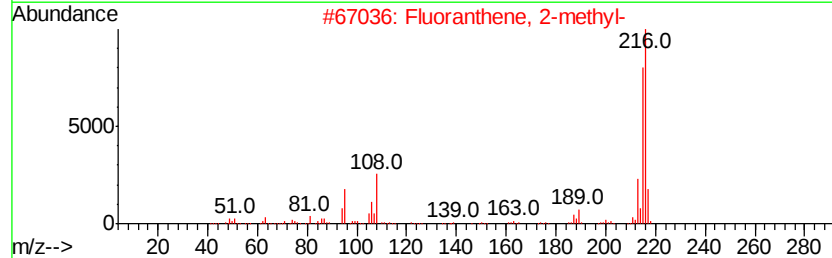
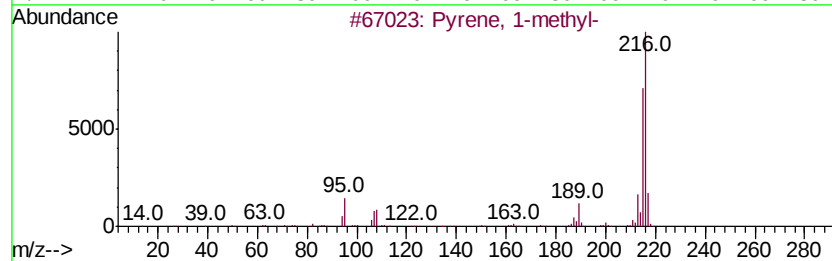
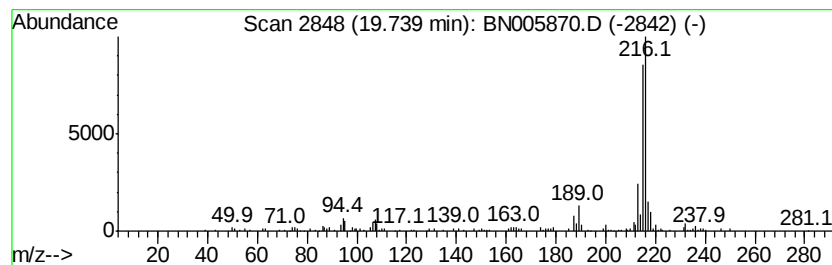
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.52 ng/ul	418391	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005870.D
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ALS Vial : 19 Sample Multiplier: 1

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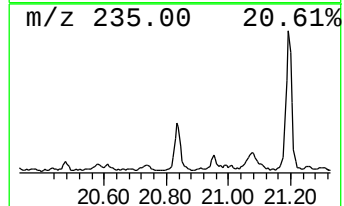
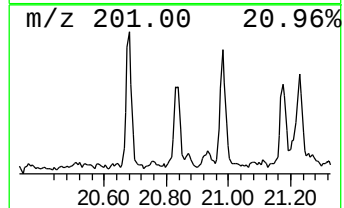
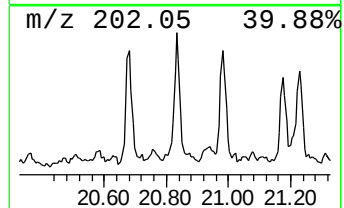
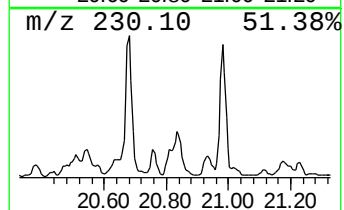
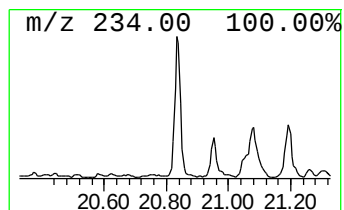
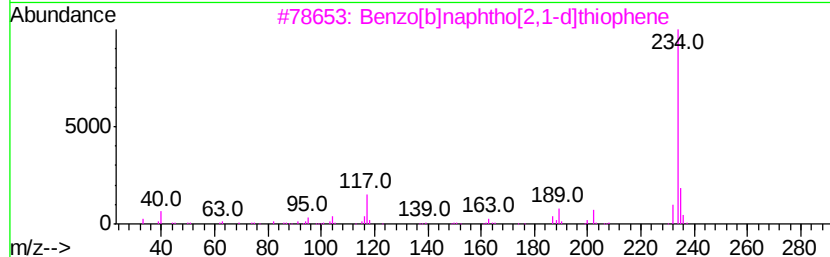
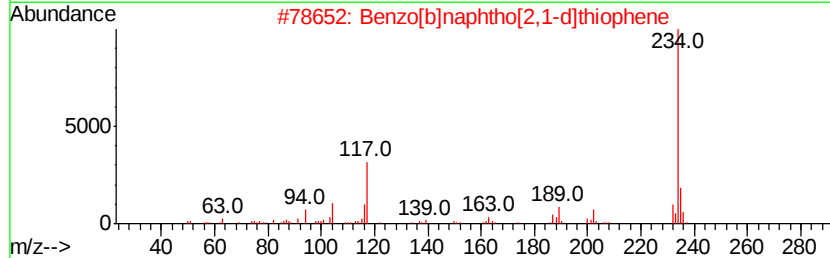
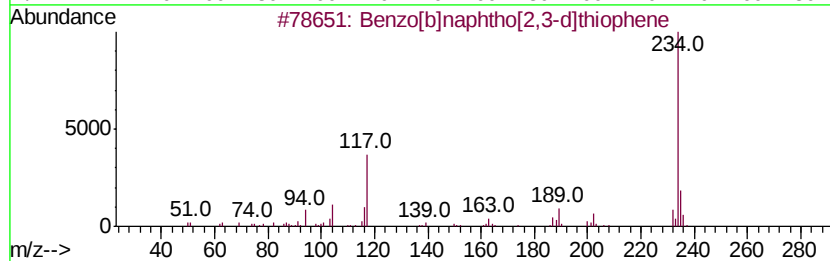
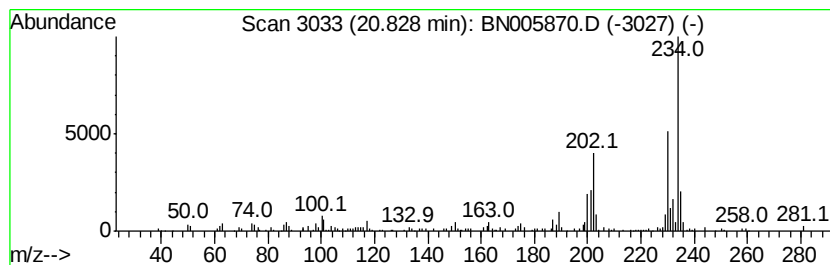
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzo[b]naphtho[2,3-d]thiophene... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.05 ng/ul	341235	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	50
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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Acq On : 23 May 2019 02:58
Operator : JU/SJ
Sample : K2927-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

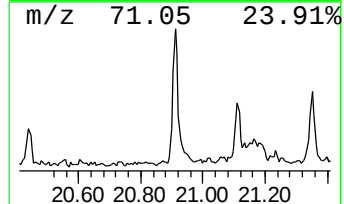
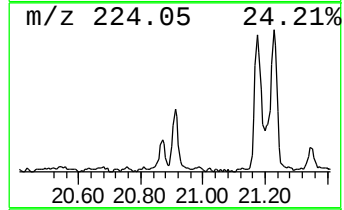
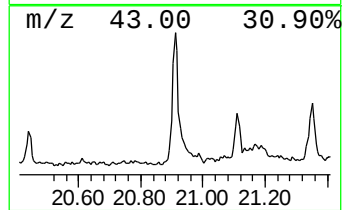
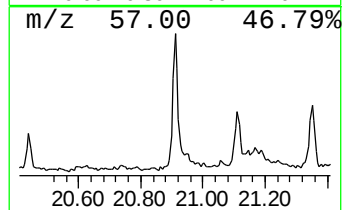
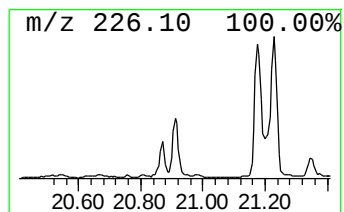
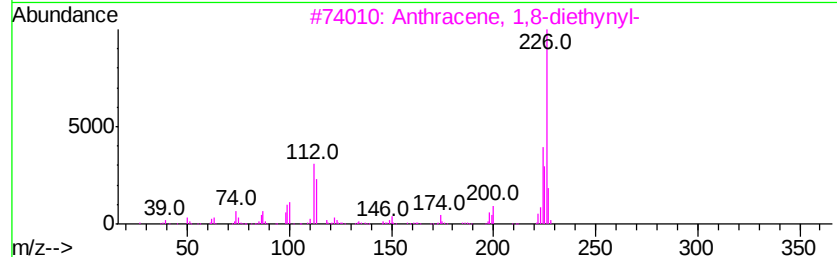
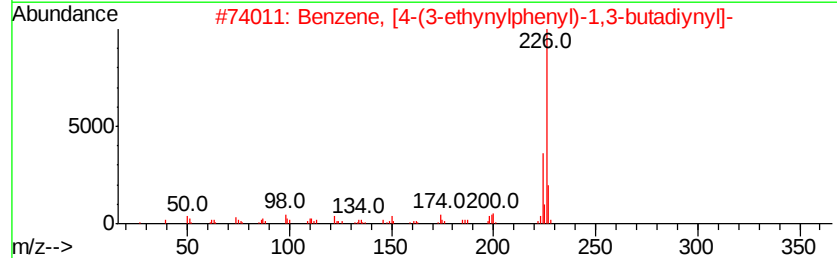
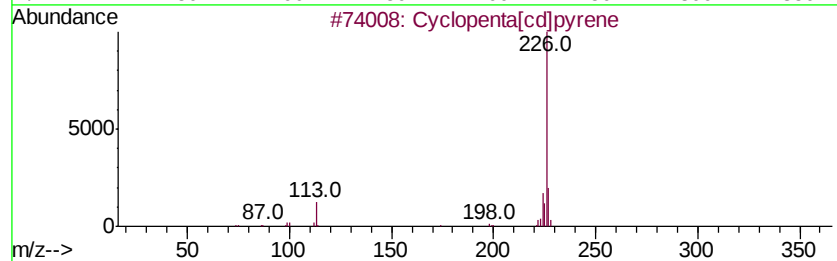
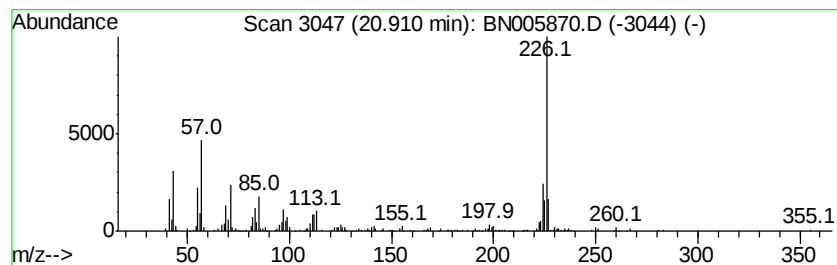
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.78 ng/ul	462632	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 58
2		Benzene, [4-(3-ethynylphenyl)-1,...	226 C18H10	1000115-87-3 49
3		Anthracene, 1,8-diethynyl-	226 C18H10	078053-58-4 47
4		5(10H)-Pyrido[3,4-b]quinoline, 7...	226 C13H10N2O2	1000256-99-5 47
5		9H-Thioxanthen-9-one, 2-methyl-	226 C14H10O5	015774-82-0 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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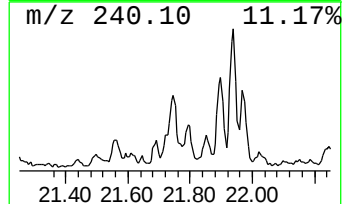
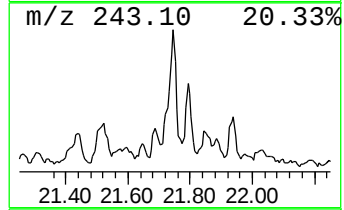
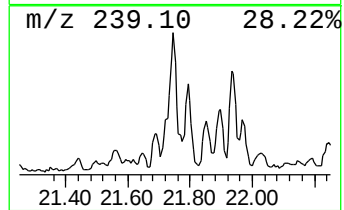
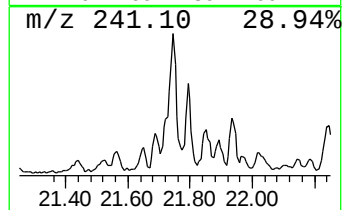
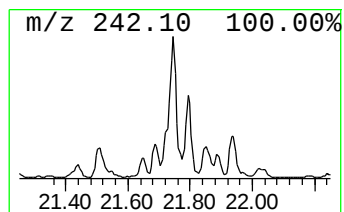
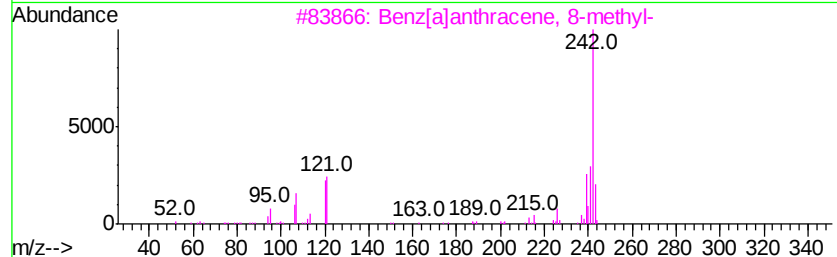
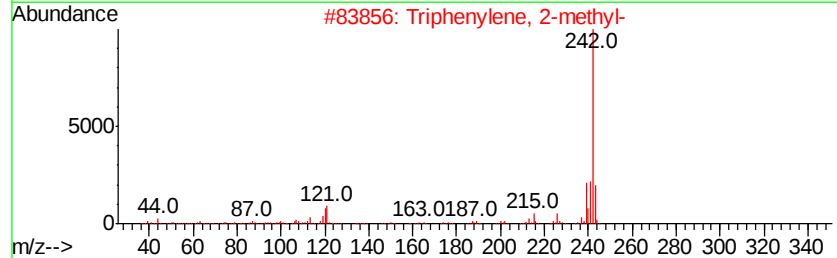
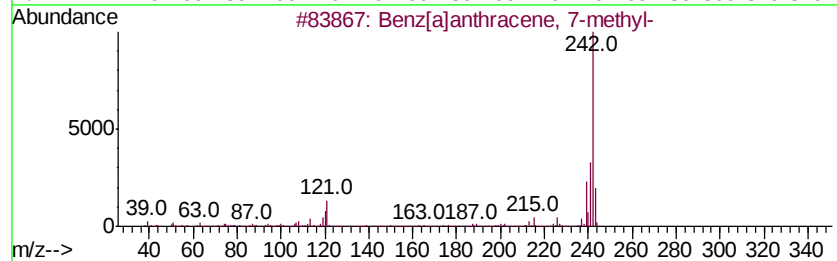
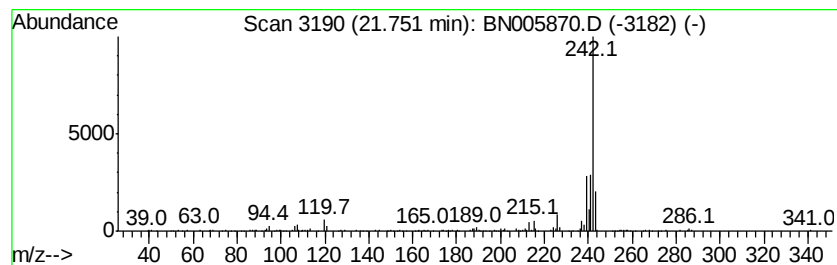
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.72 ng/ul	452155	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4			Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	90
5			Chrysene, 6-methyl-	242	C19H14	003697-24-3	90



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Data File : BN005870.D
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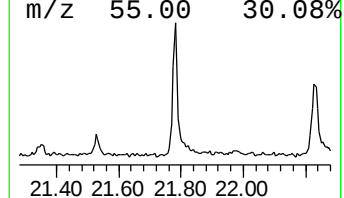
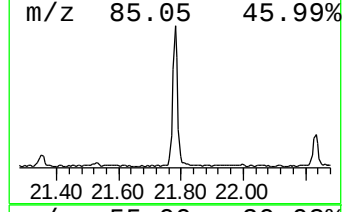
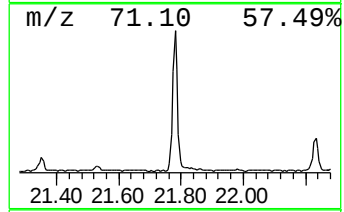
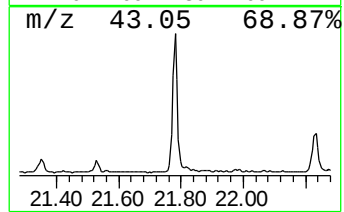
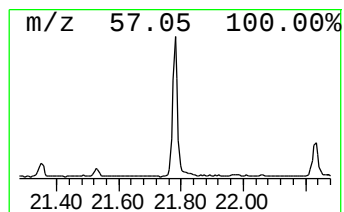
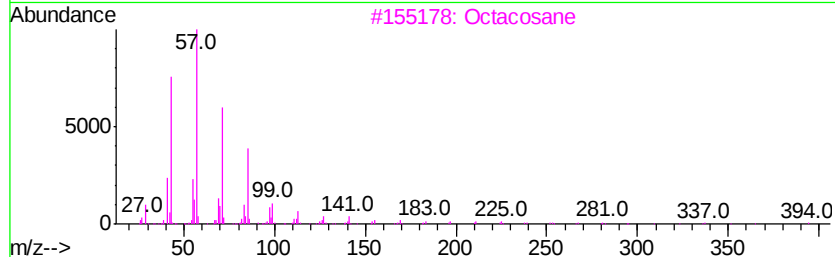
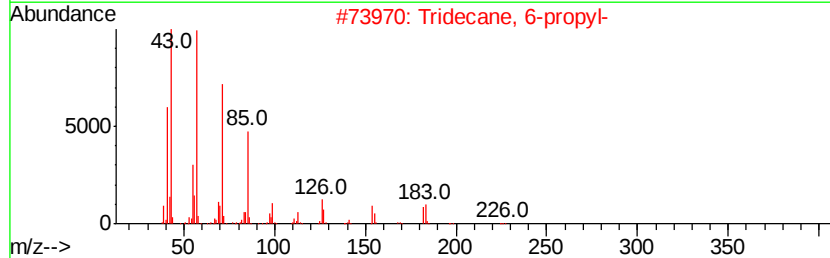
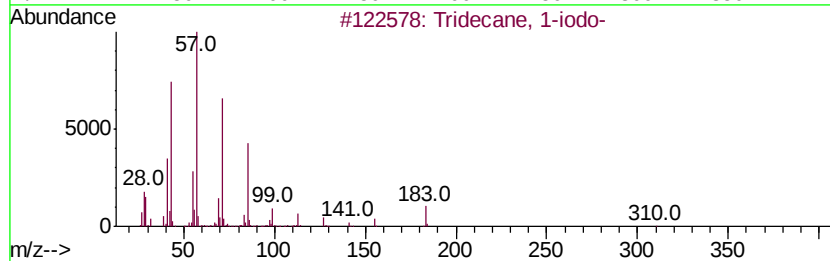
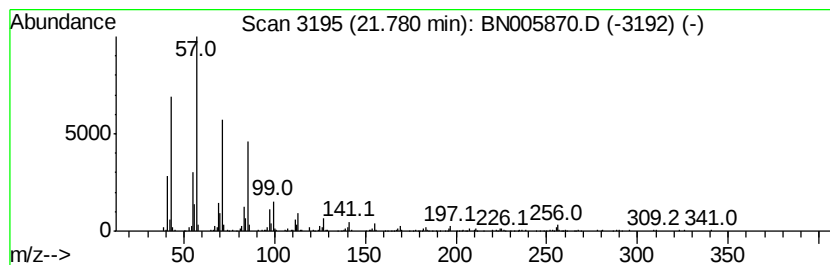
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	4.81 ng/ul	798877	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3			Octacosane	394	C28H58	000630-02-4	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005870.D
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Misc :
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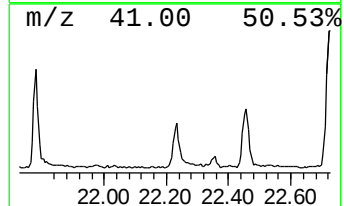
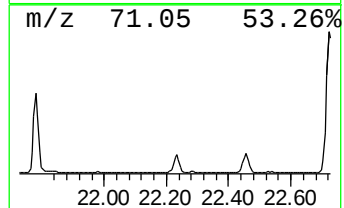
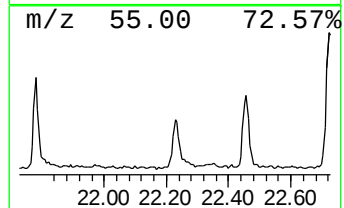
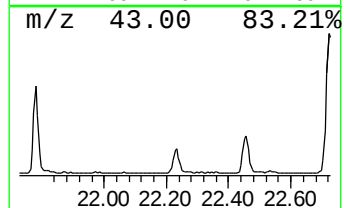
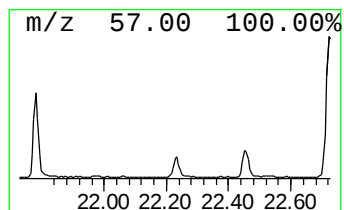
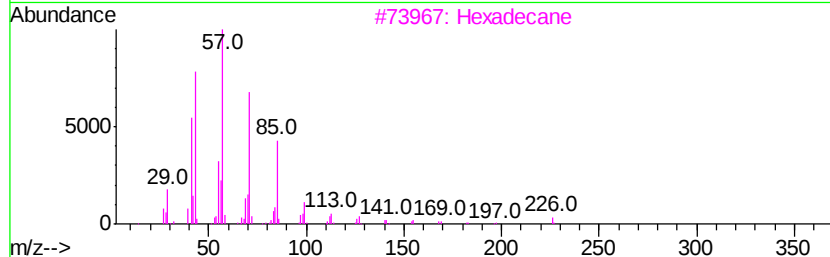
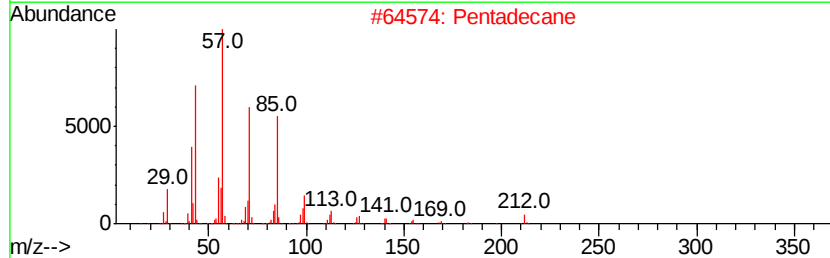
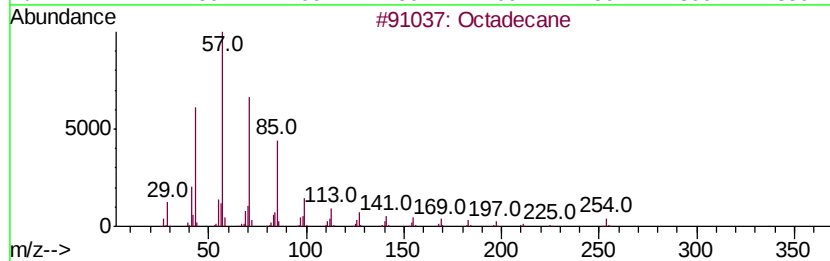
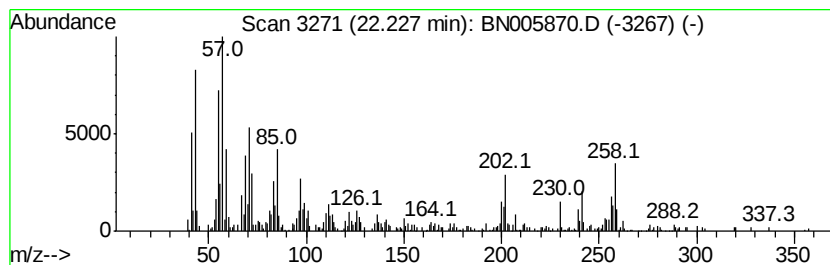
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	3.12 ng/ul	518372	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Pentadecane	212	C15H32	000629-62-9	64
3			Hexadecane	226	C16H34	000544-76-3	38
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	38
5			Octadecane	254	C18H38	000593-45-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005870.D
Acq On : 23 May 2019 02:58
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Sample : K2927-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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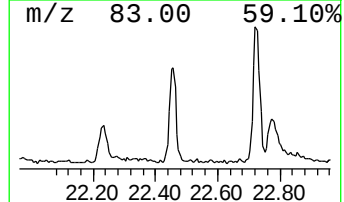
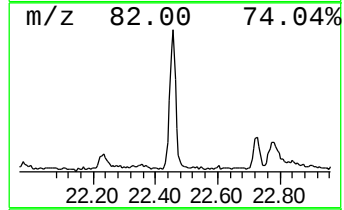
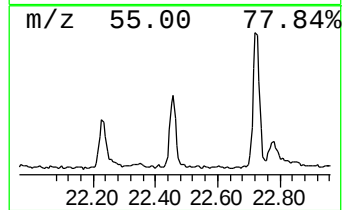
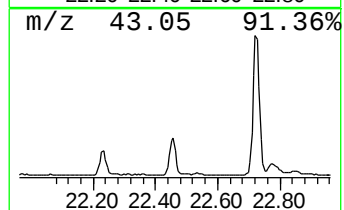
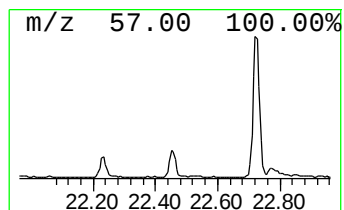
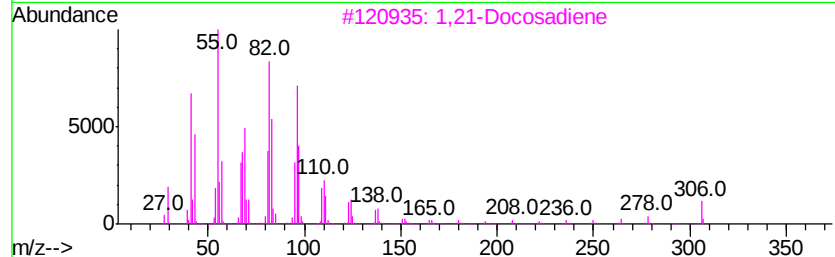
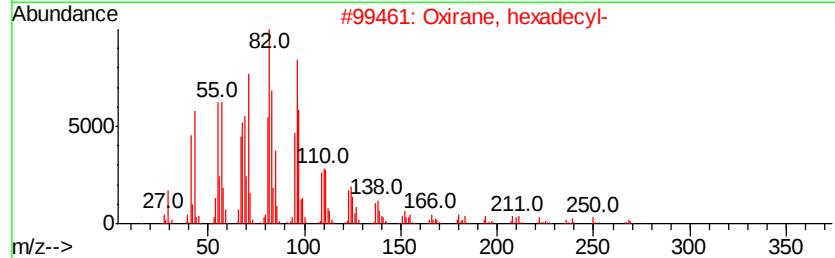
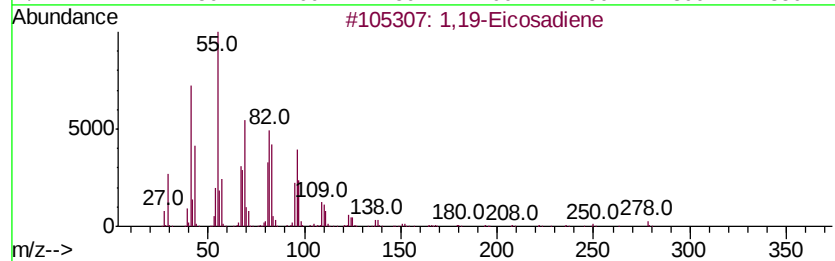
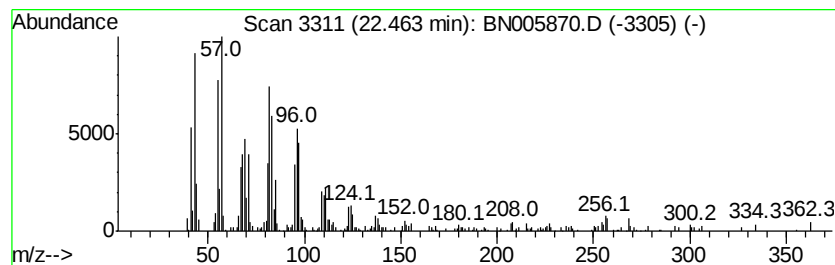
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	5.31 ng/ul	500108	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3		1,21-Docosadiene	306	C22H42	053057-53-7	92
4		Oxirane, tridecyl-	226	C15H30O	018633-25-5	92
5		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005870.D
Acq On : 23 May 2019 02:58
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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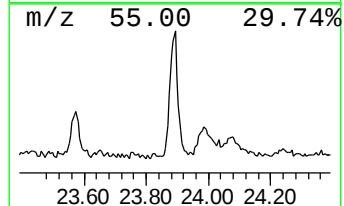
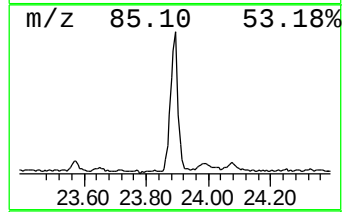
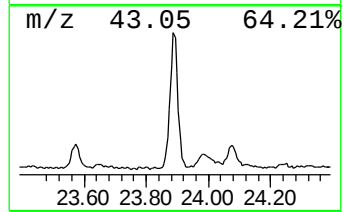
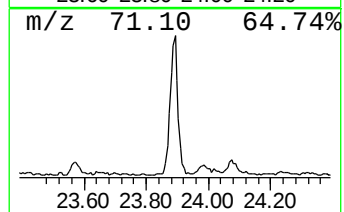
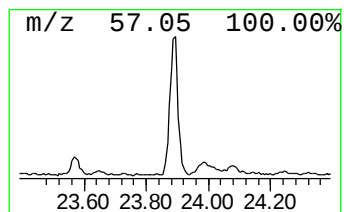
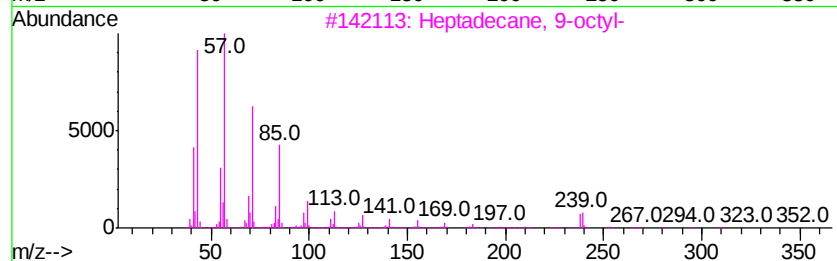
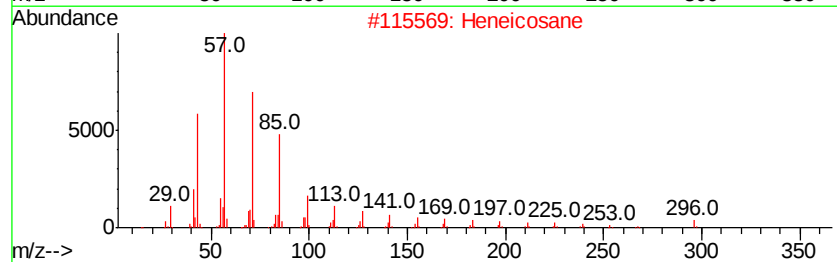
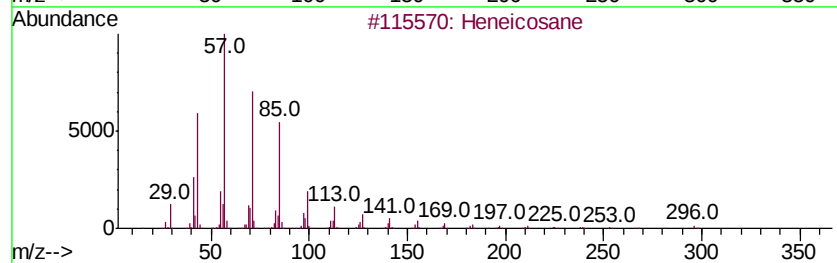
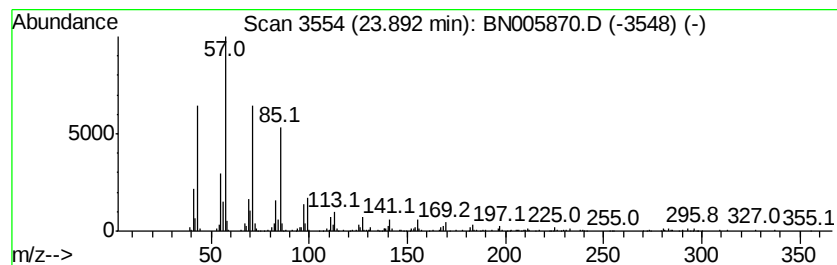
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	5.95 ng/ul	560658	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Heneicosane	296	C21H44	000629-94-7	95
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4			Docosane	310	C22H46	000629-97-0	90
5			Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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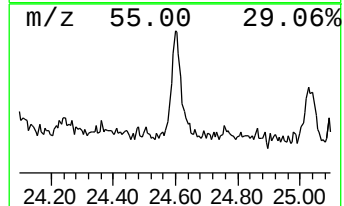
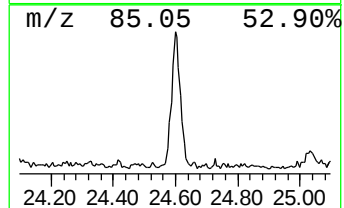
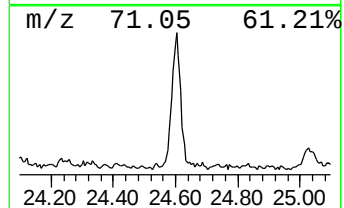
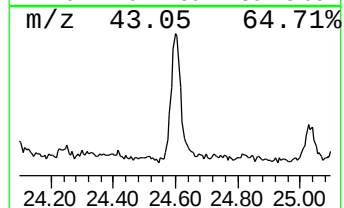
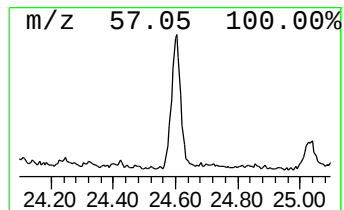
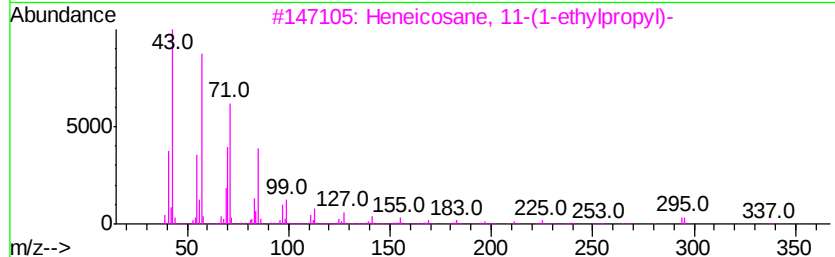
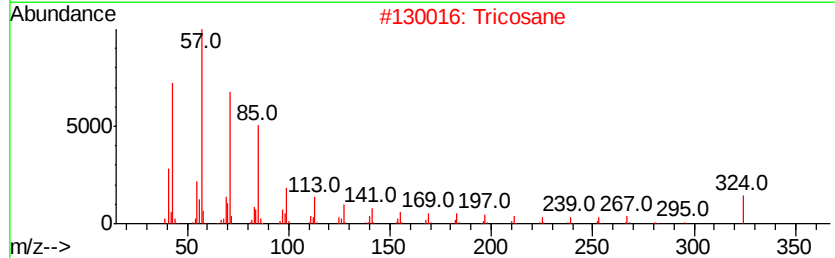
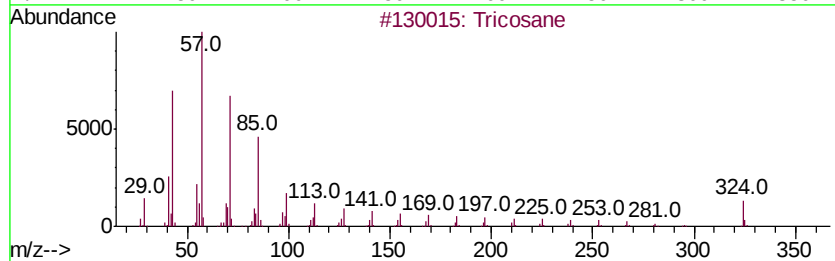
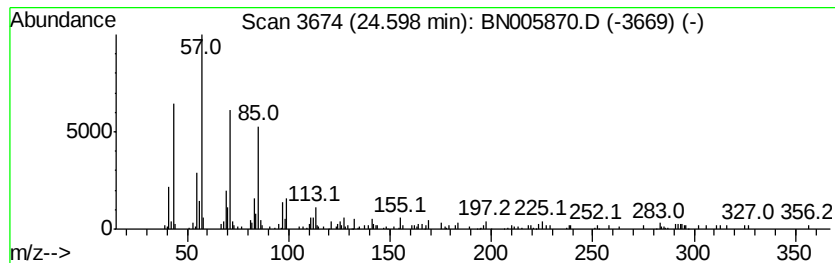
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.06 ng/ul	288246	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	94
2			Tricosane	324	C23H48	000638-67-5	90
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
 Data File : BN005870.D
 Acq On : 23 May 2019 02:58
 Operator : JU/SJ
 Sample : K2927-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
Cyclohexanol, 5-m...	10.11	2.6	ng/ul	92784	2	10.32	699539	20.0
Phenanthrene, 1-m...	17.84	2.3	ng/ul	172640	4	16.96	1483620	20.0
Phenanthrene, 2-m...	17.89	4.0	ng/ul	294105	4	16.96	1483620	20.0
Anthracene, 9-met...	18.03	4.9	ng/ul	360986	4	16.96	1483620	20.0
Anthracene, 2-met...	18.07	2.3	ng/ul	173868	4	16.96	1483620	20.0
2-Phenylnaphthalene	18.35	2.5	ng/ul	181547	4	16.96	1483620	20.0
9,10-Dimethylanthe...	18.77	4.4	ng/ul	326532	4	16.96	1483620	20.0
Cyclopenta(def)ph...	18.92	3.1	ng/ul	232902	4	16.96	1483620	20.0
Pyrene, 1-methyl-	19.74	2.5	ng/ul	418391	5	21.19	3324240	20.0
Benzo[b]naphtho[2...	20.83	2.0	ng/ul	341235	5	21.19	3324240	20.0
Cyclopenta[cd]pyrene	20.91	2.8	ng/ul	462632	5	21.19	3324240	20.0
Benz[a]anthracene...	21.75	2.7	ng/ul	452155	5	21.19	3324240	20.0
Tridecane, 1-iodo-	21.78	4.8	ng/ul	798877	5	21.19	3324240	20.0
(DEL) Alkane: Str...	22.23	3.1	ng/ul	518372	5	21.19	3324240	20.0
(DEL) Alkane: Str...	22.46	5.3	ng/ul	500108	6	23.39	1883090	20.0
(DEL) Alkane: Str...	23.89	6.0	ng/ul	560658	6	23.39	1883090	20.0
(DEL) Alkane: Str...	24.60	3.1	ng/ul	288246	6	23.39	1883090	20.0