

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
 Data File : BN003909.D
 Acq On : 14 Dec 2018 01:46
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F02

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN121218MA.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	3.017	3	5	31	rVB	475403	748966	44.49%	3.465%
2	3.805	135	139	149	rBV	28984	44444	2.64%	0.206%
3	6.987	673	680	691	rBB2	86083	163787	9.73%	0.758%
4	7.164	704	710	720	rBB	67357	102635	6.10%	0.475%
5	7.358	737	743	750	rBB	87229	133895	7.95%	0.619%
6	7.828	818	823	830	rBB	81646	125808	7.47%	0.582%
7	8.528	936	942	952	rBB	86927	135754	8.06%	0.628%
8	8.993	1015	1021	1030	rBB	87300	140784	8.36%	0.651%
9	9.710	1138	1143	1150	rBB	73369	115909	6.88%	0.536%
10	10.240	1227	1233	1243	rBB	121637	194511	11.55%	0.900%
11	10.622	1292	1298	1305	rBV	141890	234138	13.91%	1.083%
12	10.769	1317	1323	1334	rBV	34626	61690	3.66%	0.285%
13	13.769	1829	1833	1839	rBB2	13816	17313	1.03%	0.080%
14	13.869	1844	1850	1854	rBV	253969	338299	20.09%	1.565%
15	13.916	1854	1858	1863	rVB	74586	97314	5.78%	0.450%
16	14.163	1892	1900	1914	rBB	277131	456280	27.10%	2.111%
17	14.463	1945	1951	1959	rBV2	236959	365676	21.72%	1.692%
18	14.663	1979	1985	2000	rBV	107800	164568	9.78%	0.761%
19	15.457	2114	2120	2126	rBV	406767	566925	33.68%	2.622%
20	15.581	2136	2141	2146	rVB	87490	111420	6.62%	0.515%
21	17.210	2412	2418	2422	rBV	360610	499693	29.68%	2.311%
22	17.251	2422	2425	2429	rVB	103369	129284	7.68%	0.598%
23	17.310	2429	2435	2439	rBV	447464	611882	36.35%	2.830%
24	17.786	2512	2516	2523	rVB2	12239	18310	1.09%	0.085%
25	18.081	2560	2566	2570	rBV	136104	184372	10.95%	0.853%
26	18.128	2570	2574	2583	rVV	73127	110172	6.54%	0.510%
27	18.210	2583	2588	2593	rVV	20238	31877	1.89%	0.147%
28	18.269	2593	2598	2603	rVV2	63016	130286	7.74%	0.603%
29	18.310	2603	2605	2611	rVB	45010	58955	3.50%	0.273%
30	18.581	2645	2651	2655	rBV	33578	51021	3.03%	0.236%
31	18.628	2655	2659	2666	rVB2	34121	49114	2.92%	0.227%
32	18.822	2689	2692	2697	rVV3	21017	29507	1.75%	0.136%
33	18.875	2697	2701	2704	rVB	18207	21074	1.25%	0.097%
34	18.916	2704	2708	2712	rVB3	15462	19275	1.14%	0.089%

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 Title : SVOA CALIBRATION

35	18.998	2715	2722	2726	rBV	68117	108099	6.42%	0.500%
36	19.057	2726	2732	2735	rBV3	23159	44021	2.61%	0.204%
37	19.086	2735	2737	2741	rVB	22179	23421	1.39%	0.108%
38	19.145	2741	2747	2752	rBV2	47749	85805	5.10%	0.397%
39	19.263	2759	2767	2772	rBV	521322	696004	41.34%	3.220%
40	19.316	2772	2776	2780	rVV5	18698	31913	1.90%	0.148%
41	19.357	2780	2783	2789	rVB2	52774	65050	3.86%	0.301%
42	19.416	2789	2793	2797	rVB	29997	34734	2.06%	0.161%
43	19.463	2797	2801	2804	rBV2	19121	23952	1.42%	0.111%
44	19.504	2804	2808	2811	rBV3	33480	39232	2.33%	0.181%
45	19.604	2818	2825	2827	rBV	667824	990528	58.84%	4.582%
46	19.628	2827	2829	2836	rVV	533883	679890	40.39%	3.145%
47	19.692	2836	2840	2846	rVB2	48196	71386	4.24%	0.330%
48	19.810	2846	2860	2864	rBV2	33587	86515	5.14%	0.400%
49	19.869	2864	2870	2875	rVB3	25180	48157	2.86%	0.223%
50	19.945	2878	2883	2891	rBV3	66891	162252	9.64%	0.751%
51	20.033	2892	2898	2901	rBV4	13541	24754	1.47%	0.115%
52	20.116	2909	2912	2917	rVB3	104725	163425	9.71%	0.756%
53	20.222	2925	2930	2932	rBV2	45182	61924	3.68%	0.286%
54	20.280	2933	2940	2943	rVV2	113604	218826	13.00%	1.012%
55	20.316	2943	2946	2951	rVB	40258	59587	3.54%	0.276%
56	20.416	2959	2963	2967	rBV	79698	105156	6.25%	0.486%
57	20.463	2967	2971	2982	rVB3	82131	137716	8.18%	0.637%
58	20.551	2982	2986	2989	rBV4	38190	49295	2.93%	0.228%
59	20.680	3002	3008	3009	rBV4	20873	35538	2.11%	0.164%
60	20.869	3036	3040	3045	rVB	144972	187995	11.17%	0.870%
61	20.951	3052	3054	3059	rVB	22666	27371	1.63%	0.127%
62	21.033	3060	3068	3072	rBV2	107194	221575	13.16%	1.025%
63	21.080	3072	3076	3079	rBV2	134365	216193	12.84%	1.000%
64	21.169	3087	3091	3101	rVB	146144	231794	13.77%	1.072%
65	21.245	3101	3104	3106	rBV4	17331	21732	1.29%	0.101%
66	21.275	3106	3109	3115	rVV3	35113	54046	3.21%	0.250%
67	21.386	3118	3128	3132	rVV3	817705	1683504	100.00%	7.787%
68	21.427	3132	3135	3144	rVV	515134	660656	39.24%	3.056%
69	21.504	3145	3148	3151	rVV4	33705	43657	2.59%	0.202%
70	21.551	3151	3156	3159	rVV2	92873	199401	11.84%	0.922%
71	21.604	3162	3165	3178	rVB7	166931	507354	30.14%	2.347%

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72	21.710	3179	3183	3187	rVB2	60607	83269	4.95%	0.385%
73	21.751	3187	3190	3194	rBV3	37602	45413	2.70%	0.210%
74	21.886	3210	3213	3216	rBV2	32604	46333	2.75%	0.214%
75	21.945	3217	3223	3227	rVV	156999	251095	14.92%	1.162%
76	22.004	3229	3233	3238	rVB2	91951	151634	9.01%	0.701%
77	22.151	3254	3258	3261	rBV2	69264	96793	5.75%	0.448%
78	22.251	3271	3275	3280	rVB3	49955	79090	4.70%	0.366%
79	22.439	3301	3307	3309	rBV2	52255	111371	6.62%	0.515%
80	22.739	3353	3358	3367	rVB4	47627	110088	6.54%	0.509%
81	22.945	3389	3393	3397	rVB	85820	125711	7.47%	0.582%
82	23.004	3397	3403	3408	rBV	474841	1100361	65.36%	5.090%
83	23.180	3429	3433	3443	rVB	84684	151454	9.00%	0.701%
84	23.310	3451	3455	3458	rBV4	36383	63153	3.75%	0.292%
85	23.504	3482	3488	3492	rBV	274190	563759	33.49%	2.608%
86	23.557	3492	3497	3501	rVV	557941	1041510	61.87%	4.818%
87	23.604	3501	3505	3512	rVB	354221	632470	37.57%	2.926%
88	23.704	3515	3522	3527	rBV	479712	918850	54.58%	4.250%
89	24.192	3600	3605	3612	rVB2	99911	214994	12.77%	0.995%
90	24.957	3731	3735	3740	rBV3	37127	66259	3.94%	0.306%
91	25.339	3795	3800	3805	rBV4	21826	49388	2.93%	0.228%
92	25.798	3874	3878	3883	rBV2	24444	54061	3.21%	0.250%
93	26.051	3912	3921	3933	rVB	191083	565800	33.61%	2.617%
94	26.221	3943	3950	3960	rVB3	109711	311095	18.48%	1.439%
95	26.780	4035	4045	4052	rBV	127165	416746	24.75%	1.928%

Sum of corrected areas: 21618093

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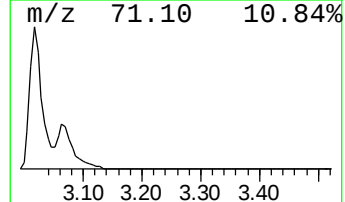
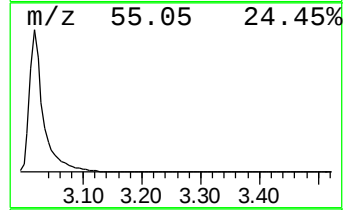
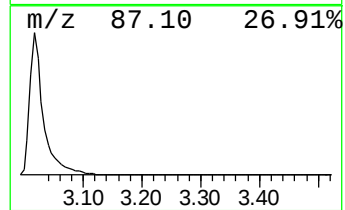
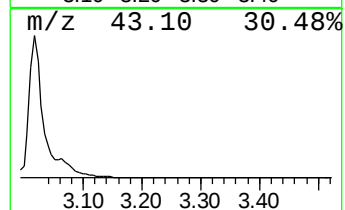
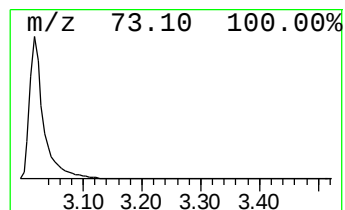
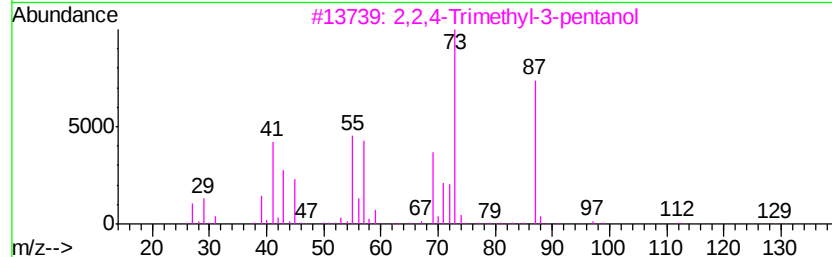
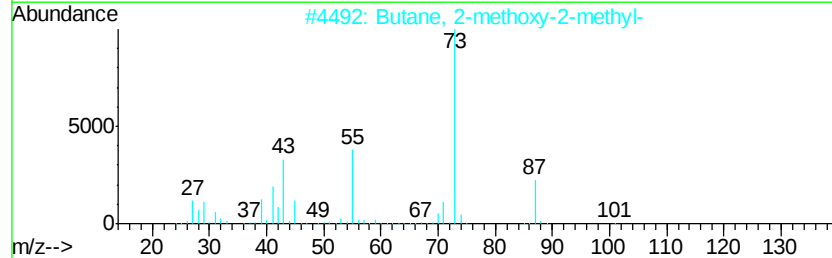
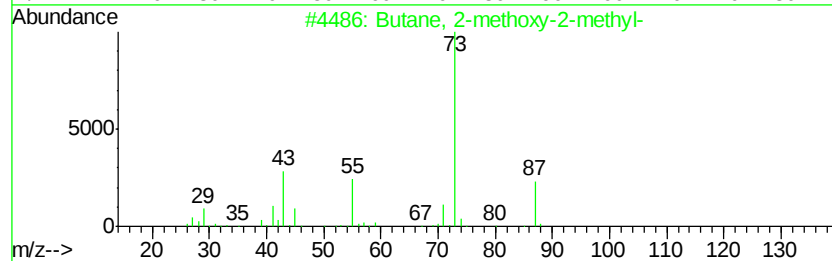
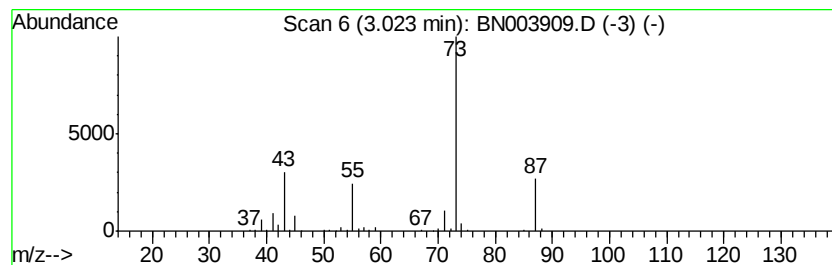
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	119.07 ng/ul	748966	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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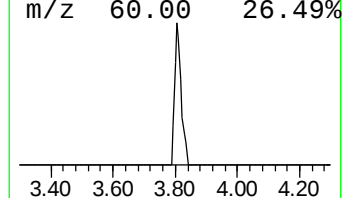
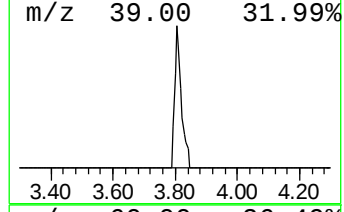
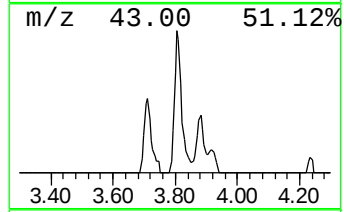
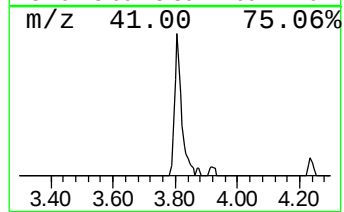
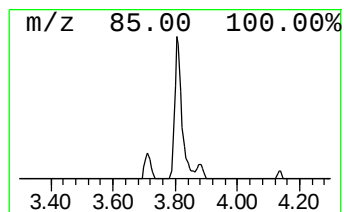
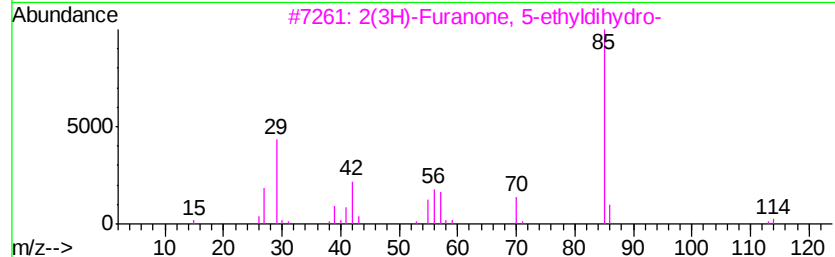
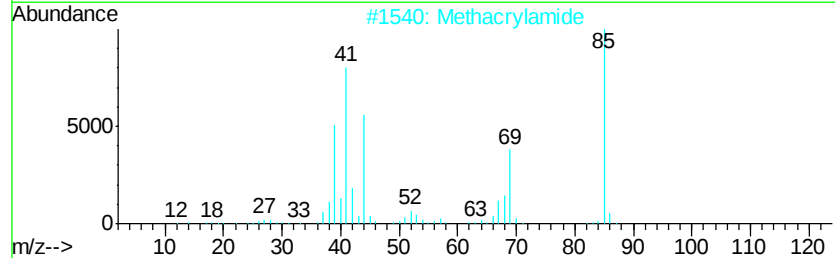
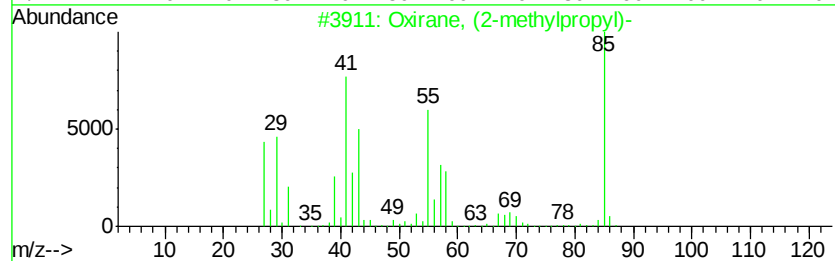
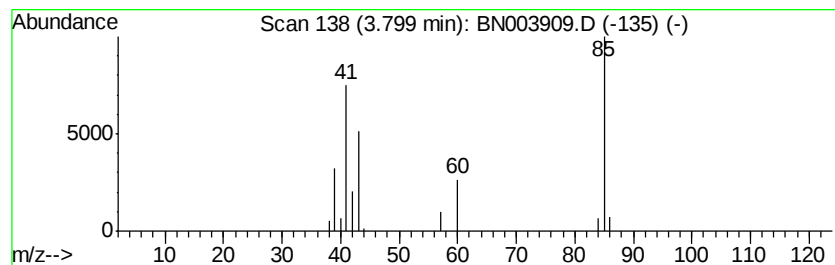
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	7.07 ng/ul	44444	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	39
2		Methacrylamide	85	C4H7NO	000079-39-0	38
3		2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	9
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
5		Methacrylamide	85	C4H7NO	000079-39-0	7



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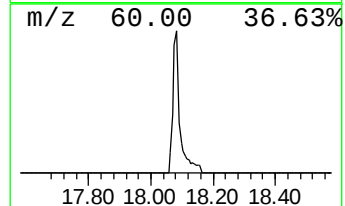
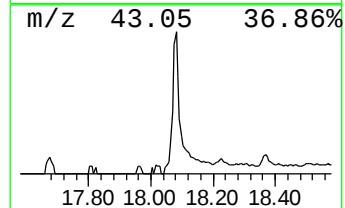
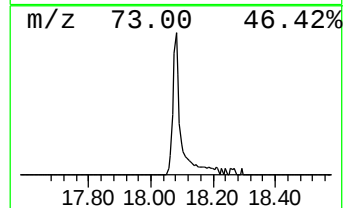
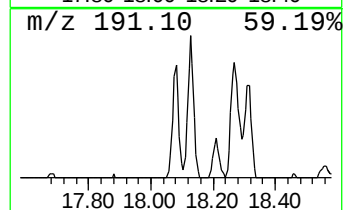
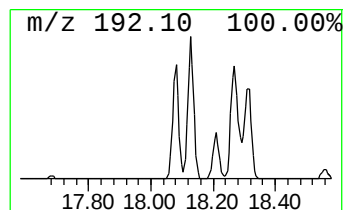
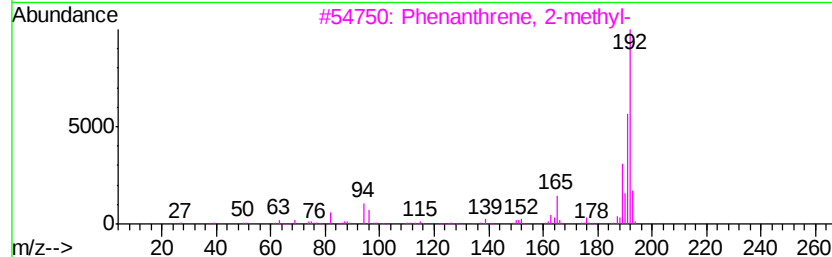
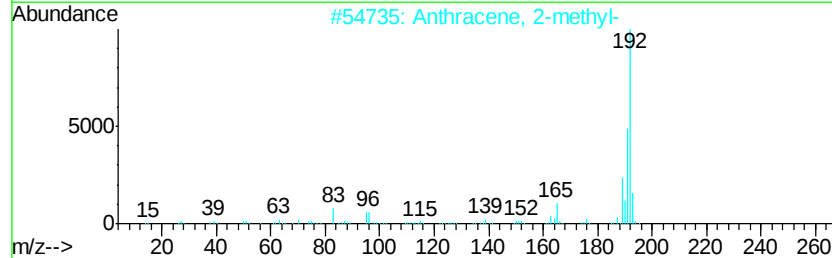
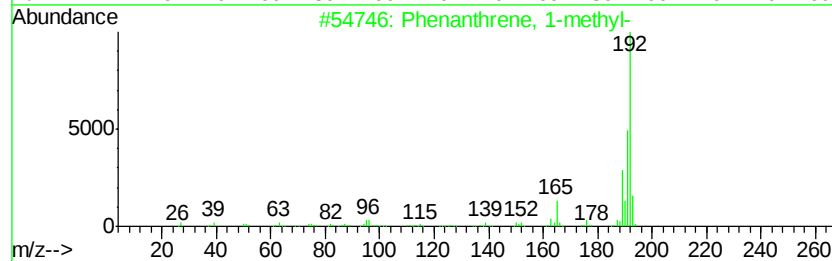
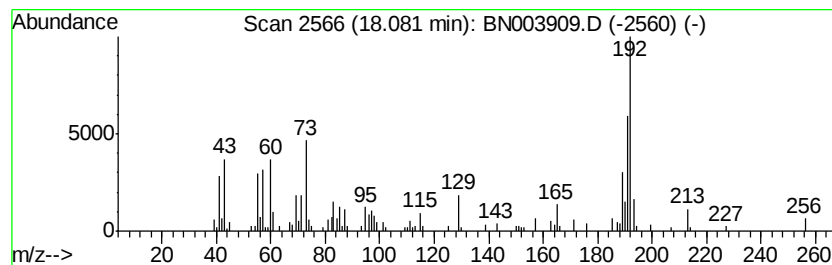
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.08	7.38 ng/ul	184372	Phenanthrene-d10		17.21	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



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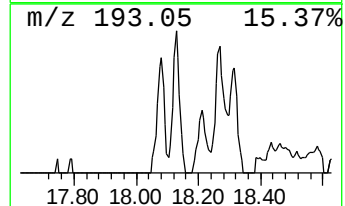
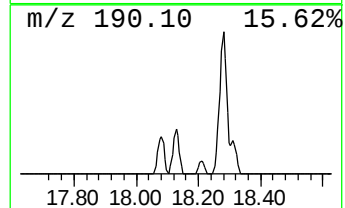
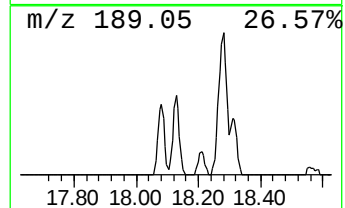
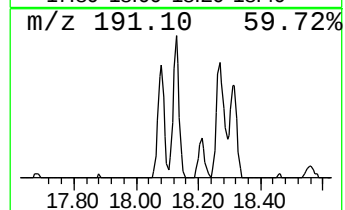
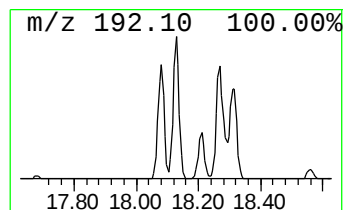
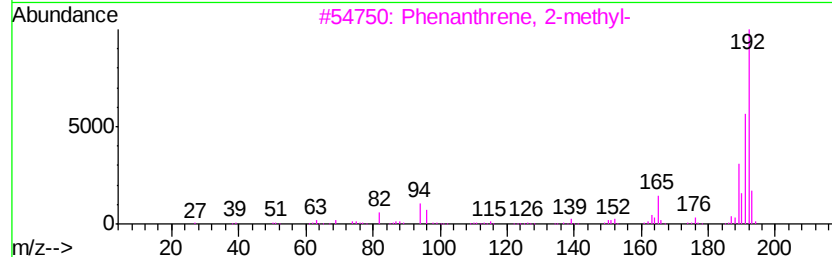
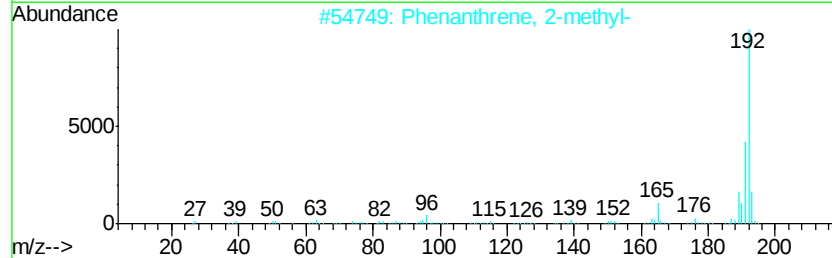
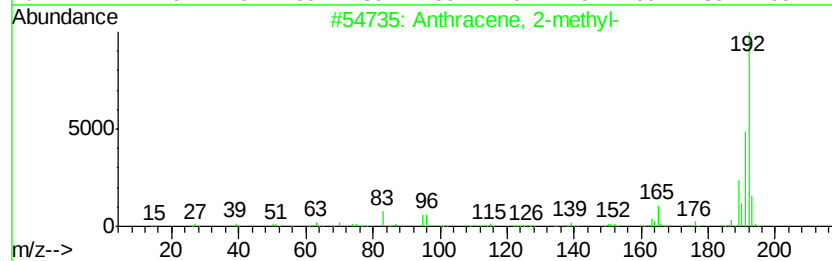
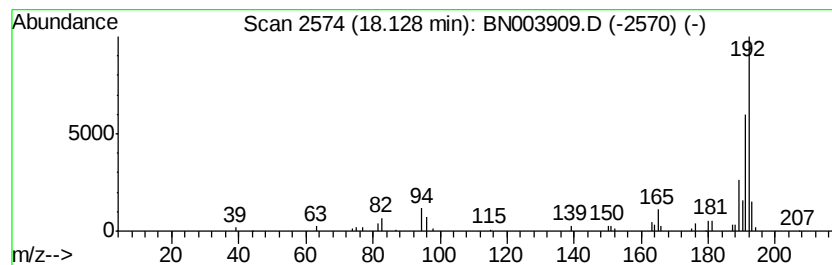
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.41 ng/ul	110172	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003909.D
Acq On : 14 Dec 2018 01:46
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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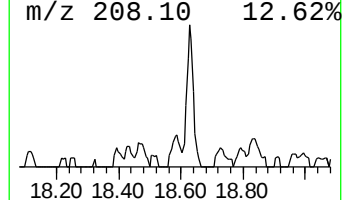
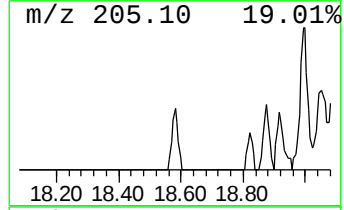
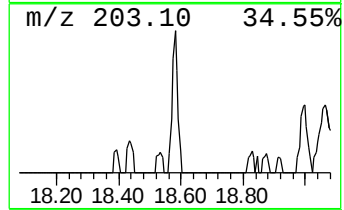
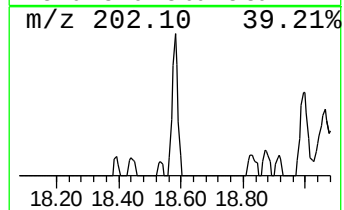
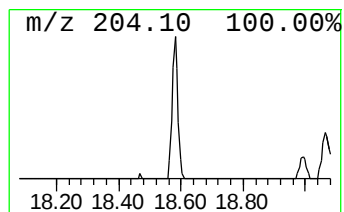
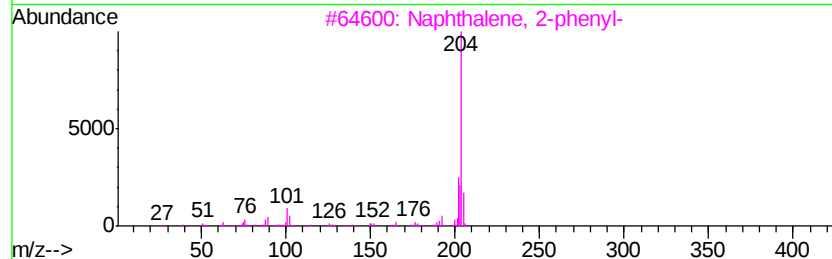
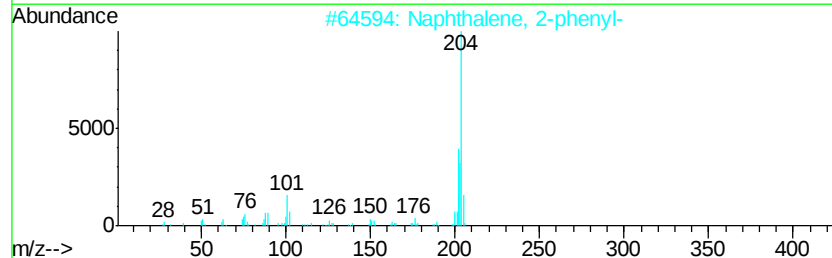
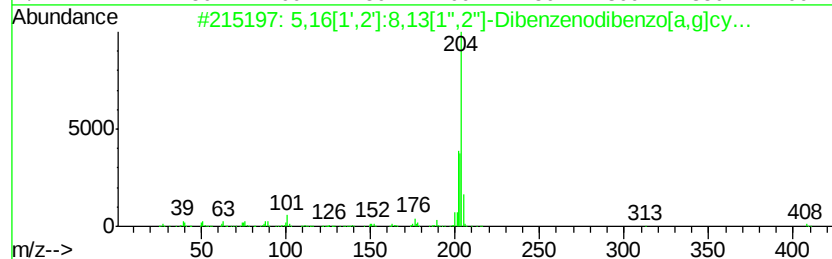
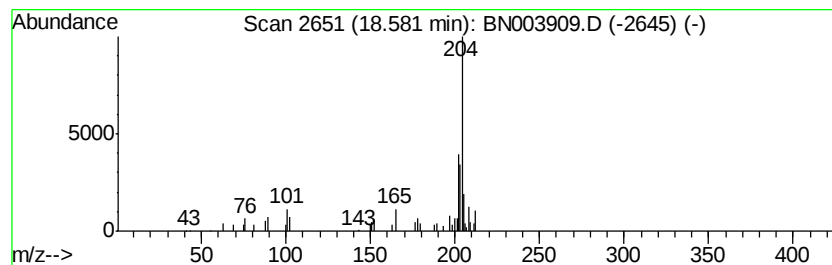
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.04 ng/ul	51021	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55		
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003909.D
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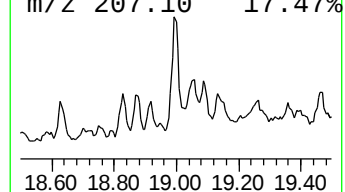
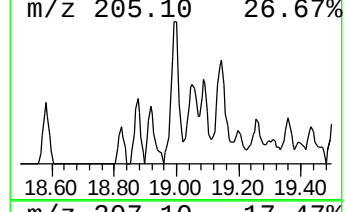
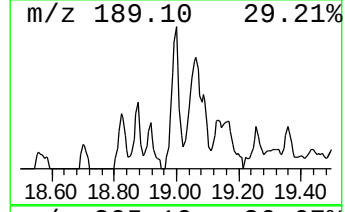
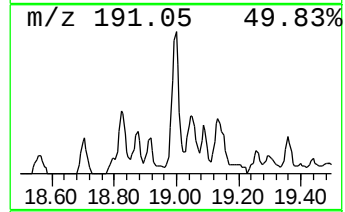
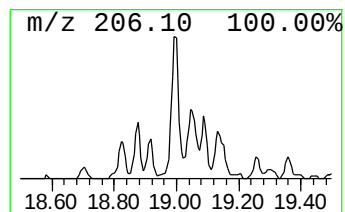
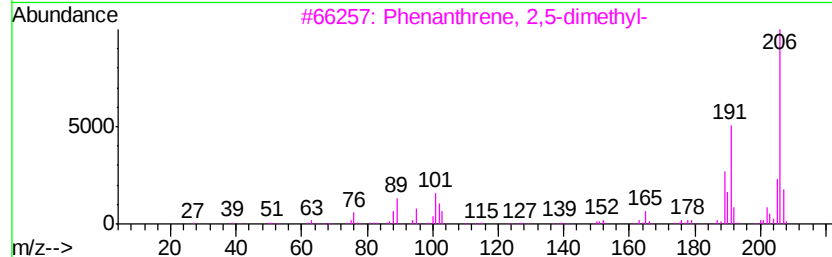
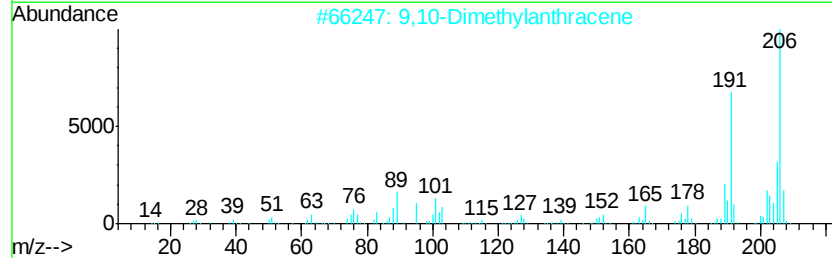
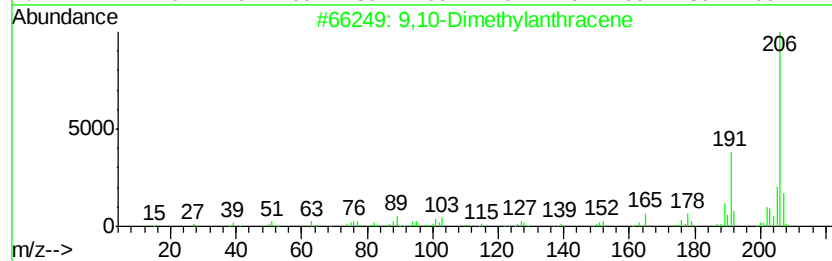
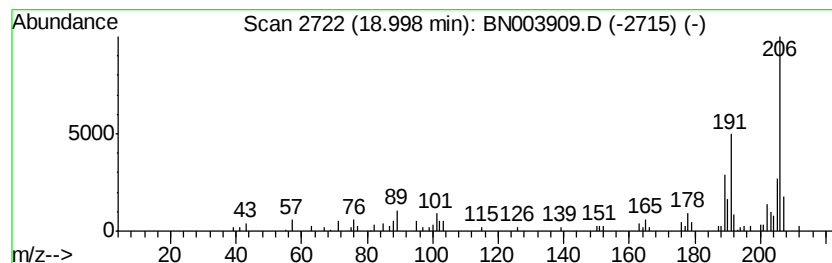
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.33 ng/ul	108099	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	95	
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	95	
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94	
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	93	
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003909.D
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Sample : J6229-04
Misc :
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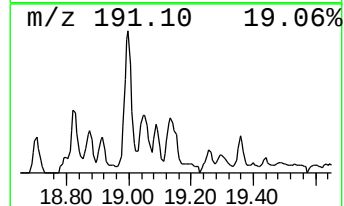
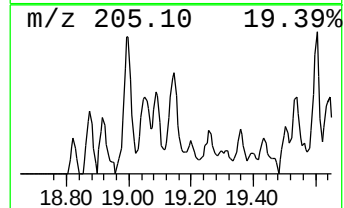
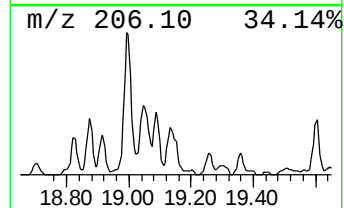
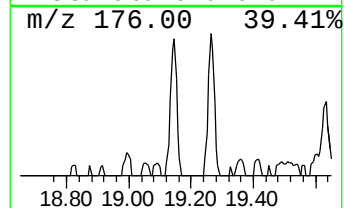
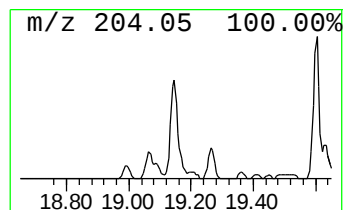
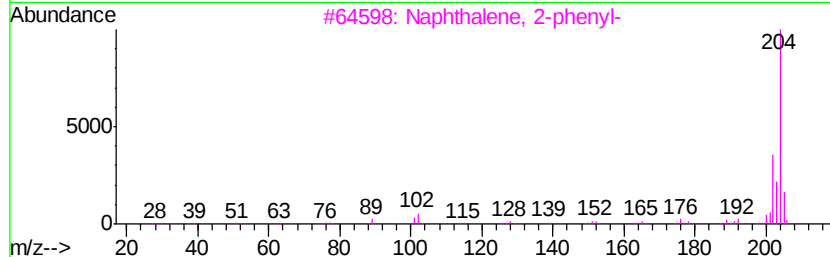
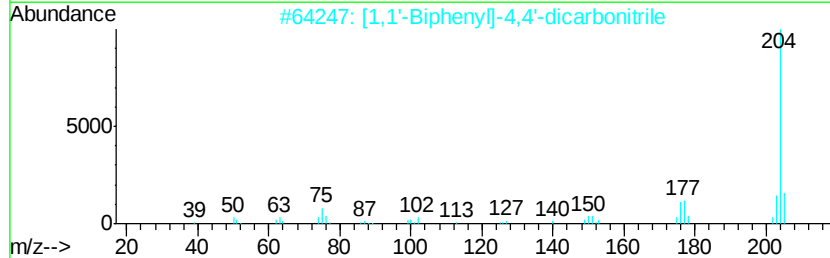
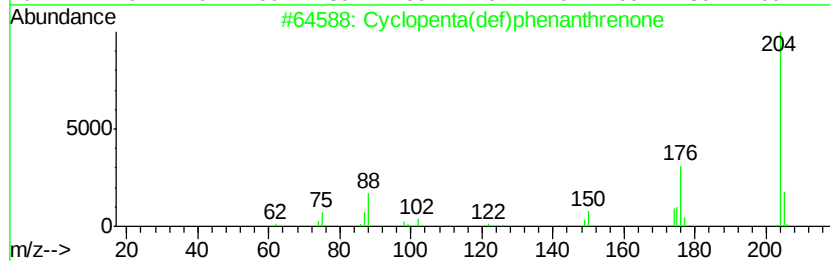
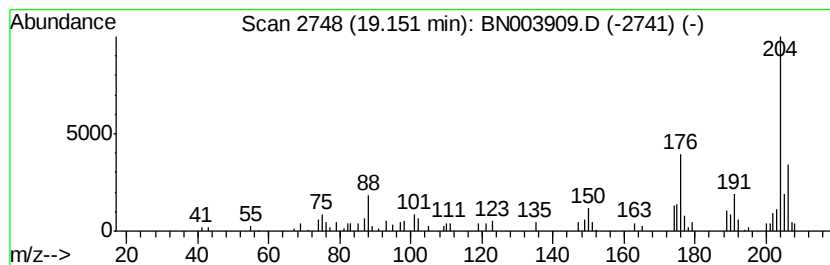
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	3.43 ng/ul	85805	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43



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Misc :
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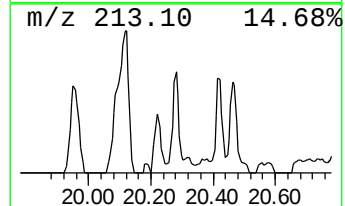
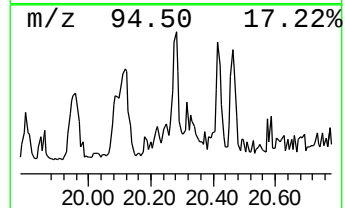
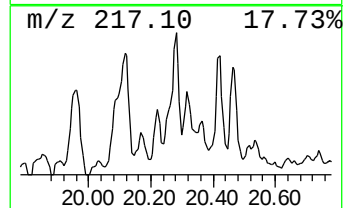
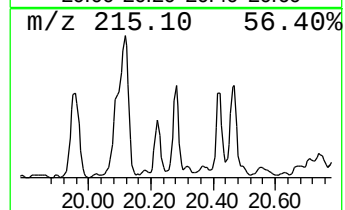
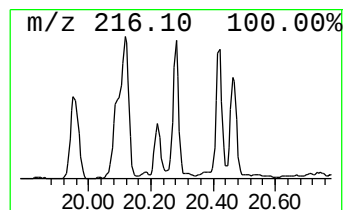
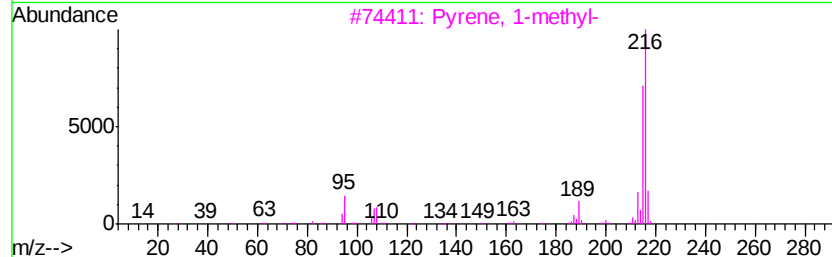
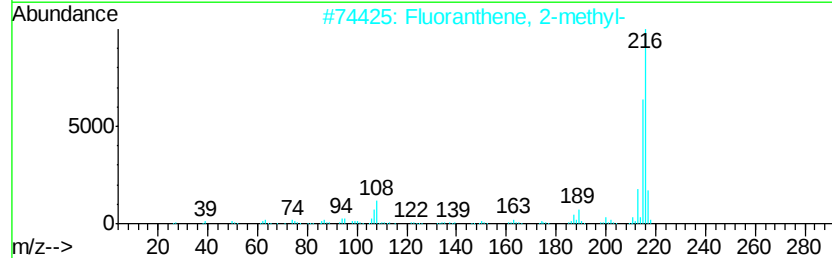
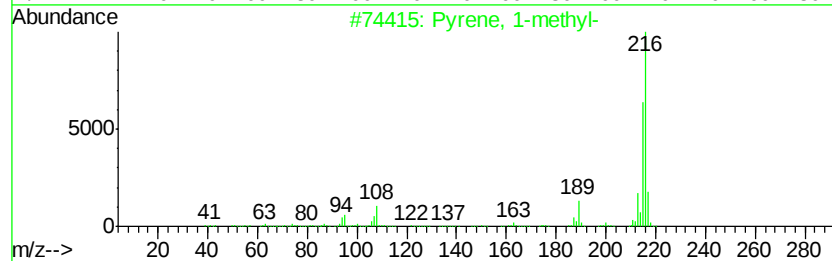
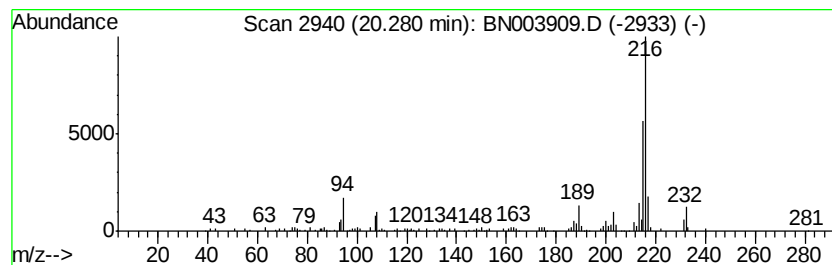
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.60 ng/ul	218826	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 96
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 94
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
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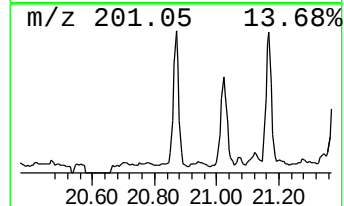
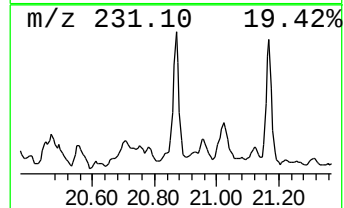
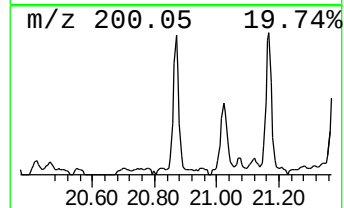
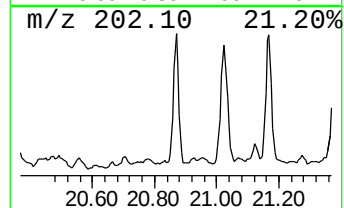
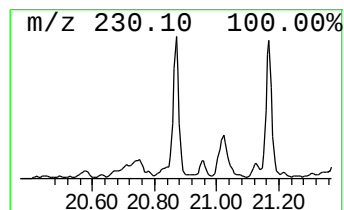
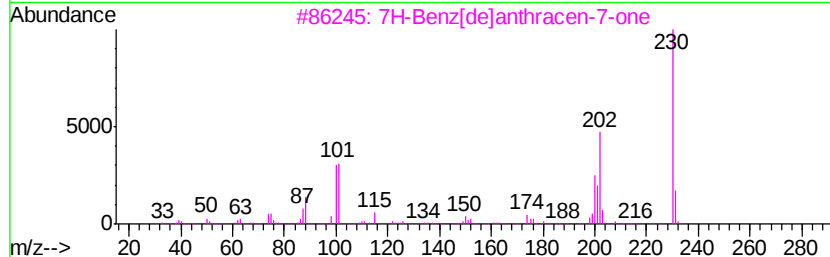
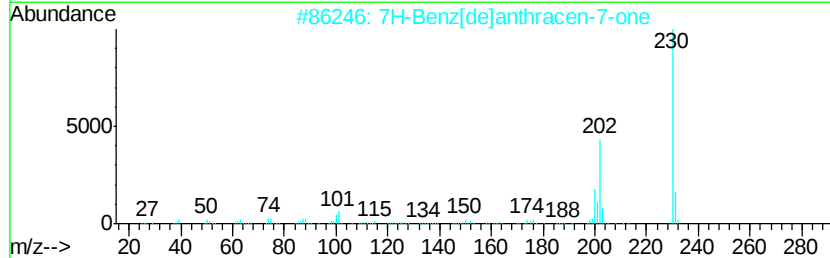
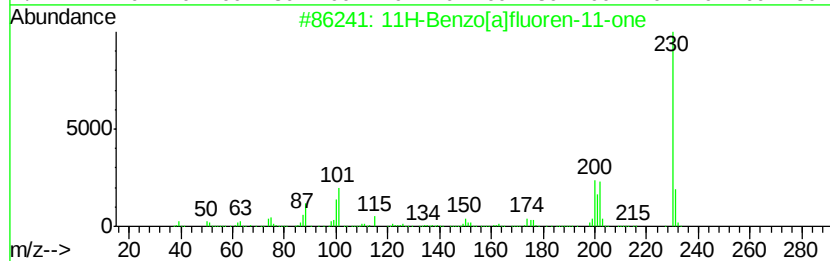
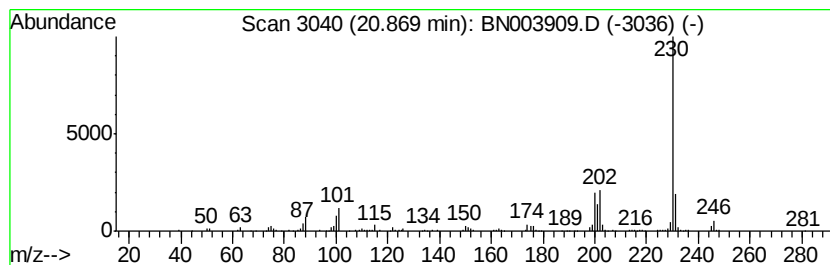
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.23 ng/ul	187995	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
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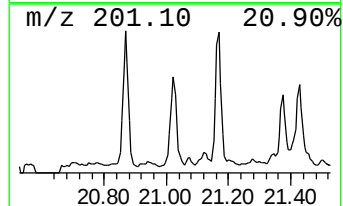
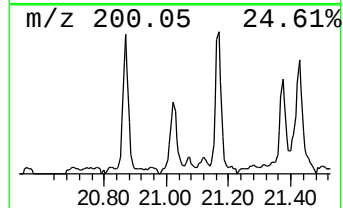
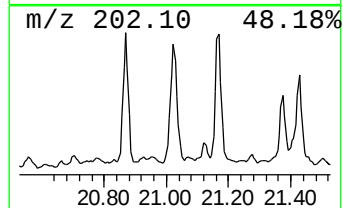
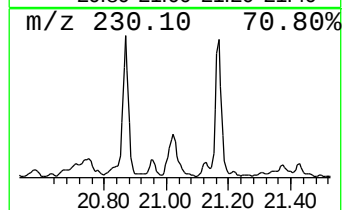
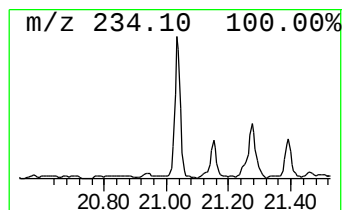
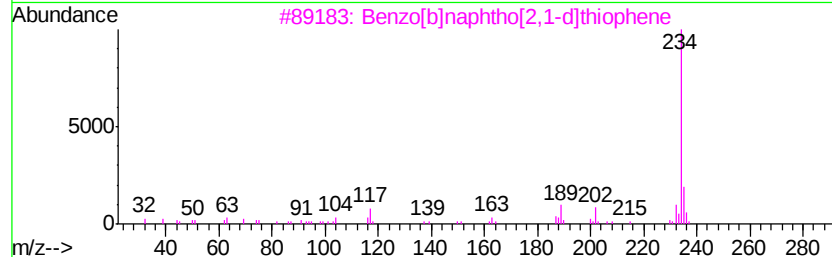
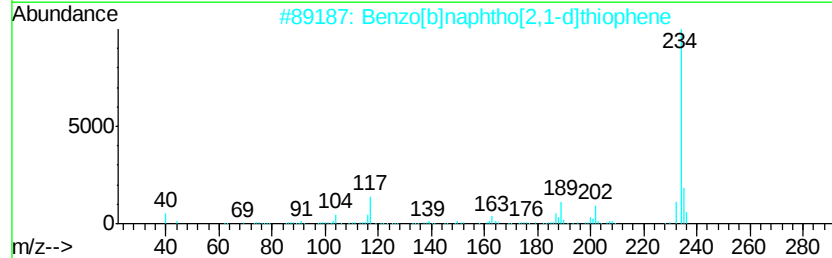
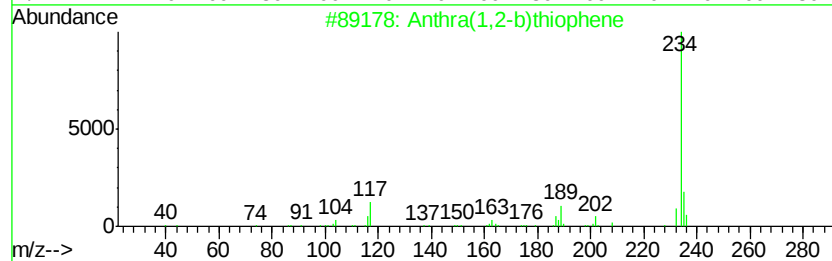
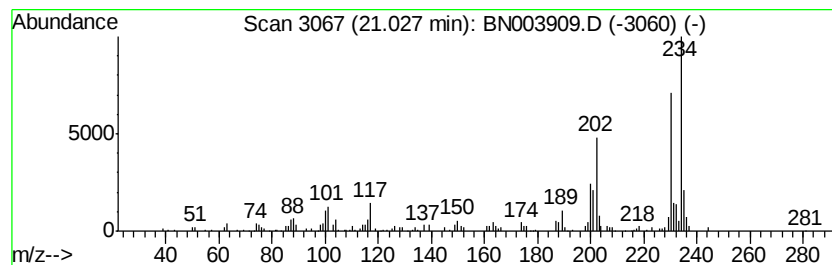
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Anthra(1,2-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.63 ng/ul	221575	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	97
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90



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Sample : J6229-04
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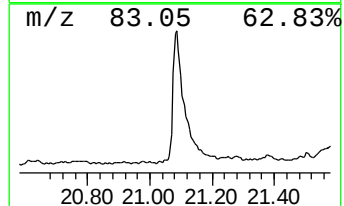
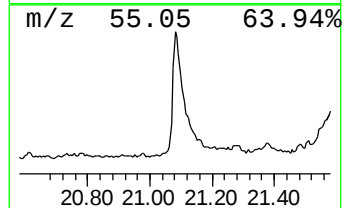
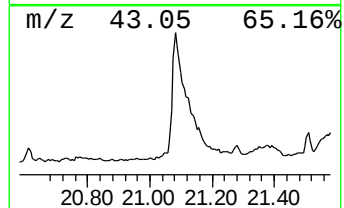
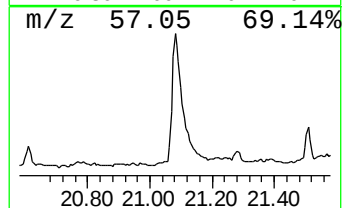
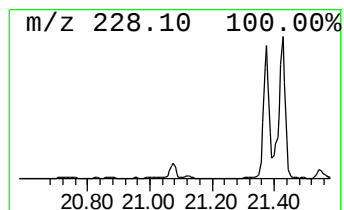
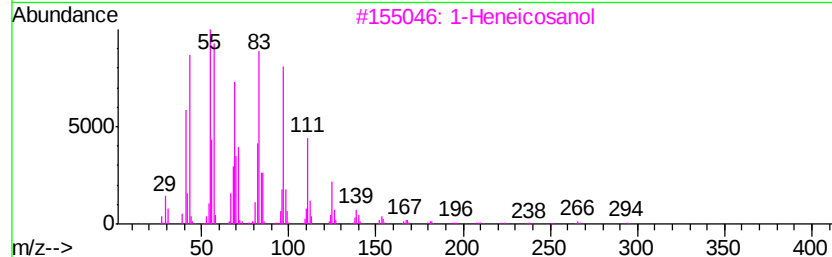
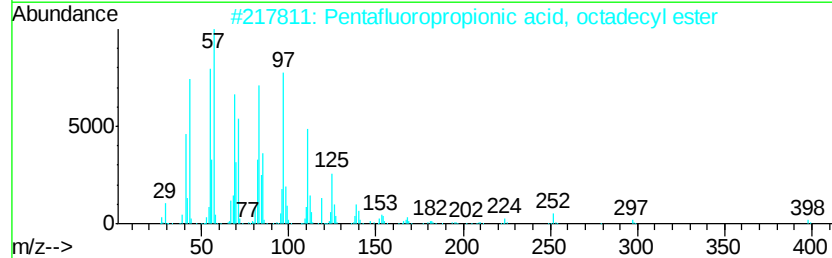
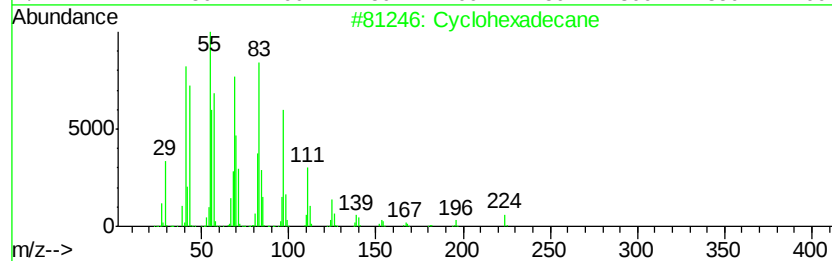
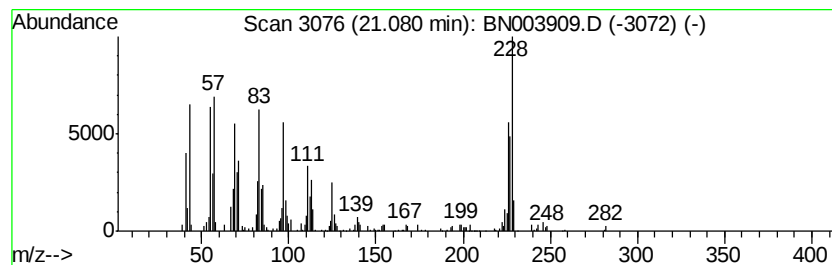
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic21.08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.57 ng/ul	216193	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	91
2			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	70
3			1-Heneicosanol	312	C21H44O	015594-90-8	62
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	62
5			Behenic alcohol	326	C22H46O	000661-19-8	62



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Data File : BN003909.D
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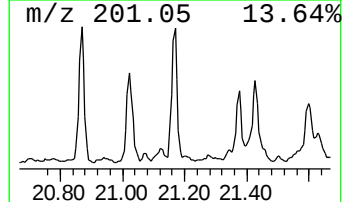
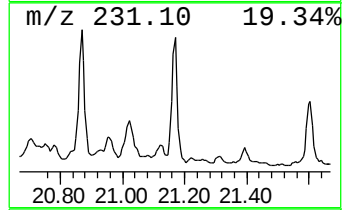
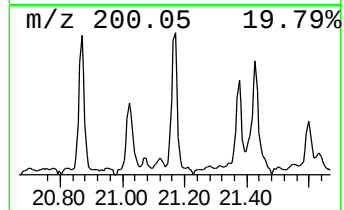
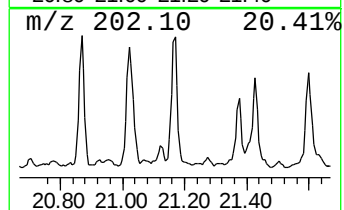
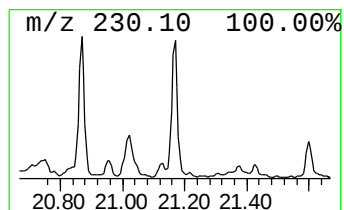
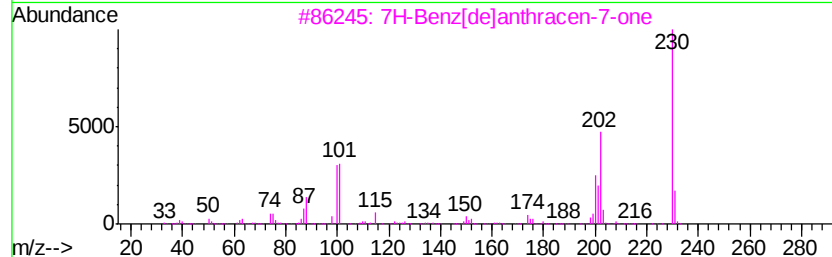
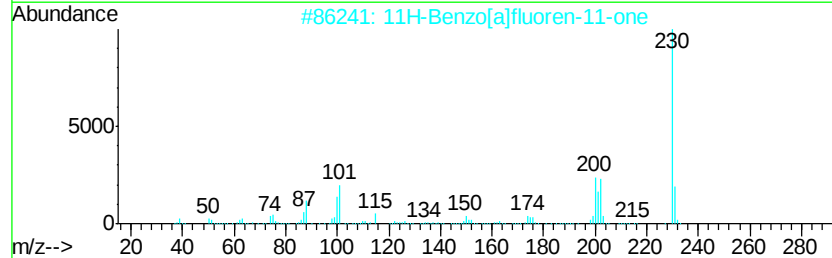
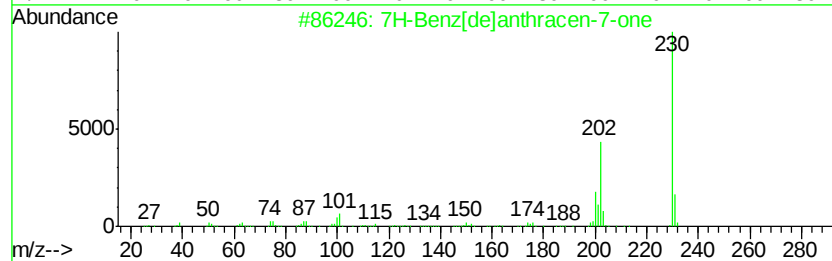
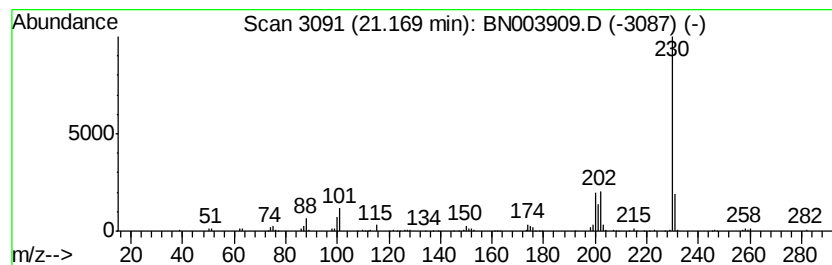
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.75 ng/ul	231794	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78



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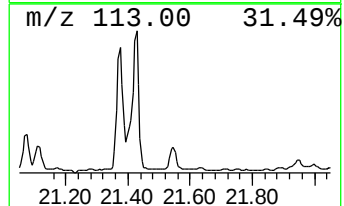
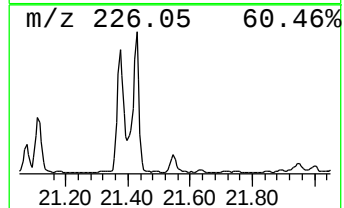
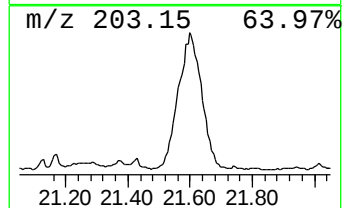
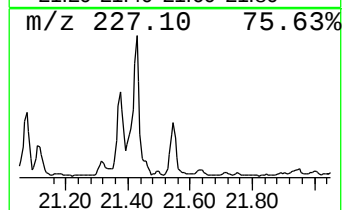
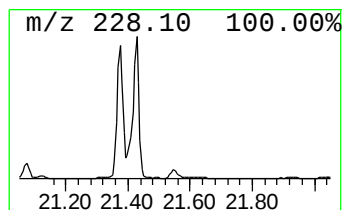
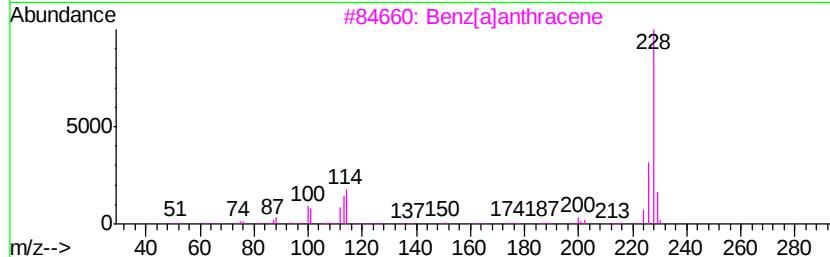
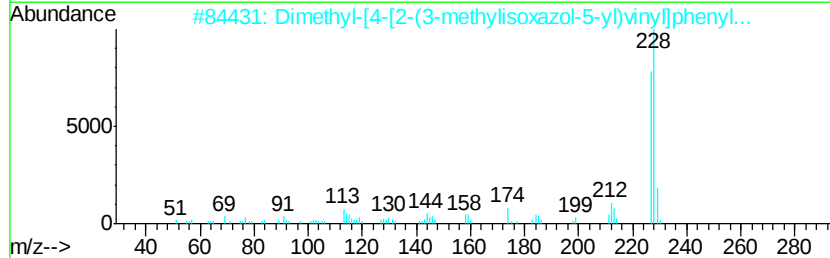
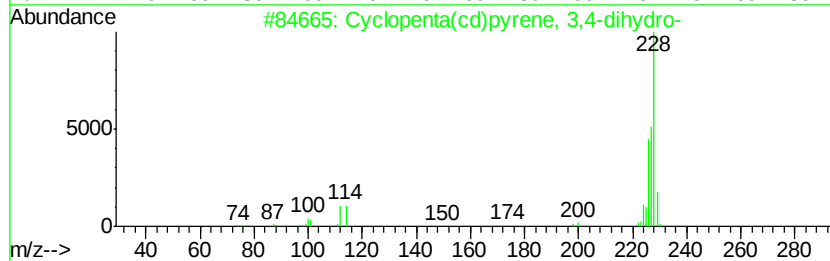
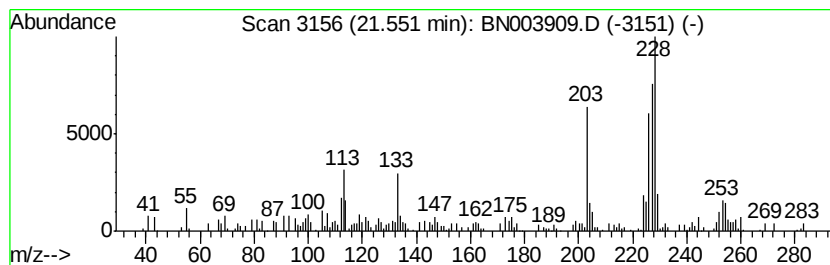
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.37 ng/ul	199401	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	49
3		Benz[a]anthracene	228	C18H12	000056-55-3	30
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	30
5		Triphenylene	228	C18H12	000217-59-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003909.D
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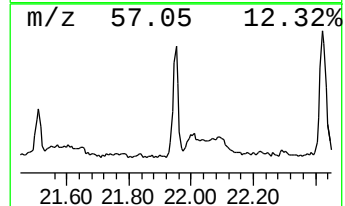
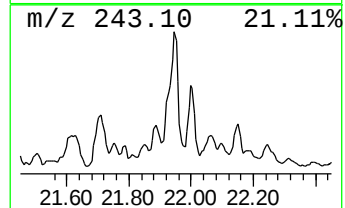
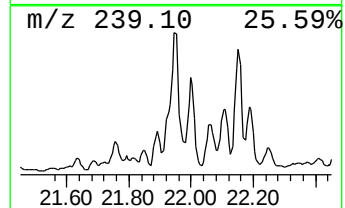
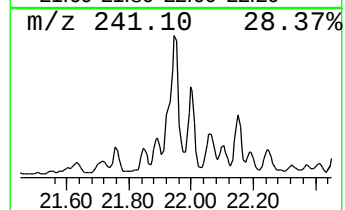
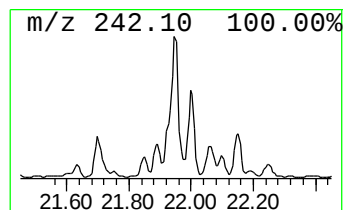
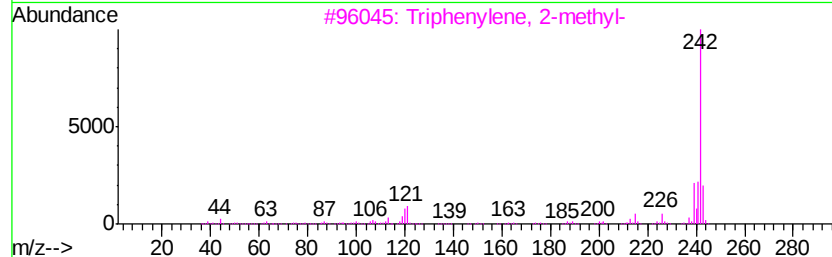
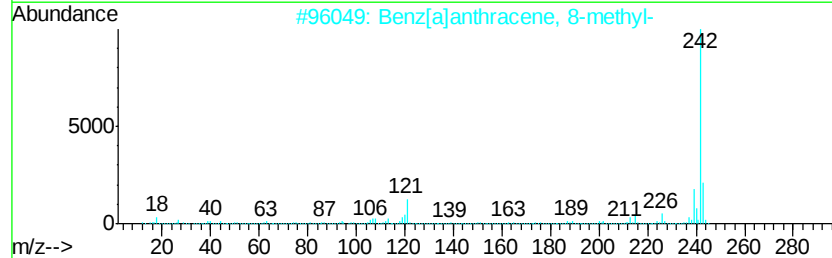
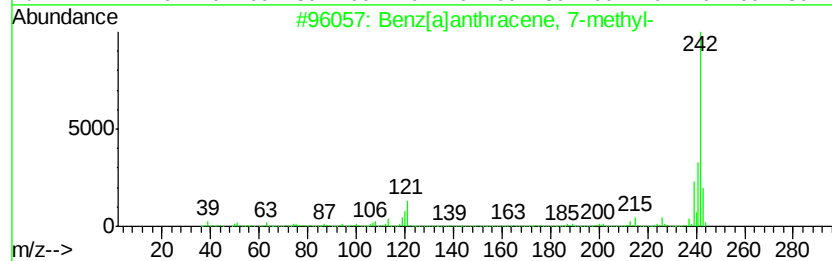
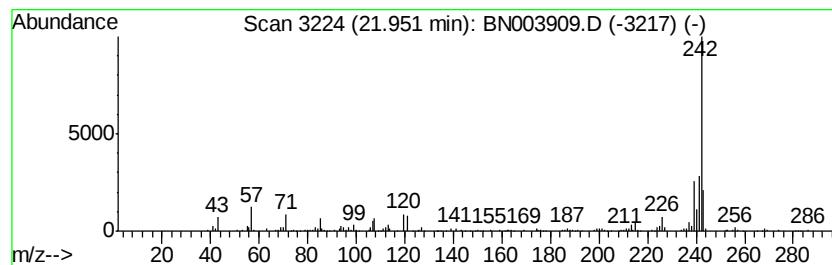
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.98 ng/ul	251095	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
4			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
5			2-Methylchrysene	242	C19H14	003351-32-4	95



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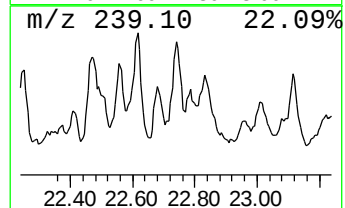
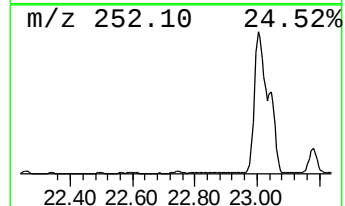
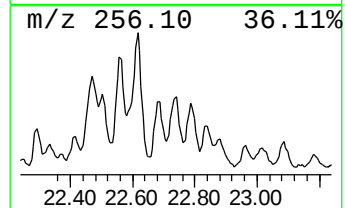
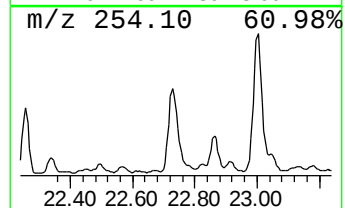
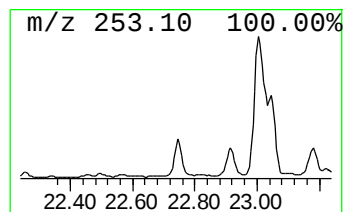
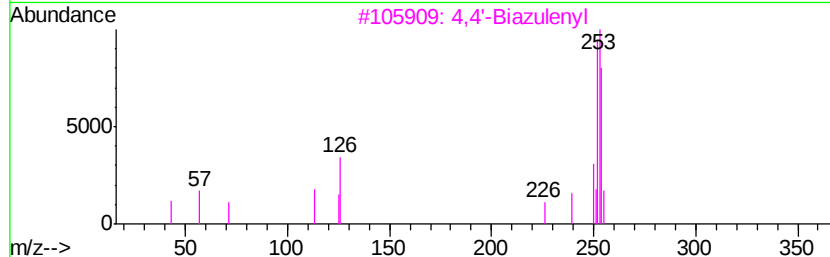
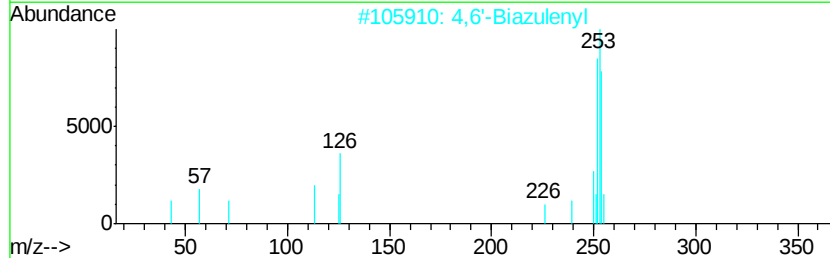
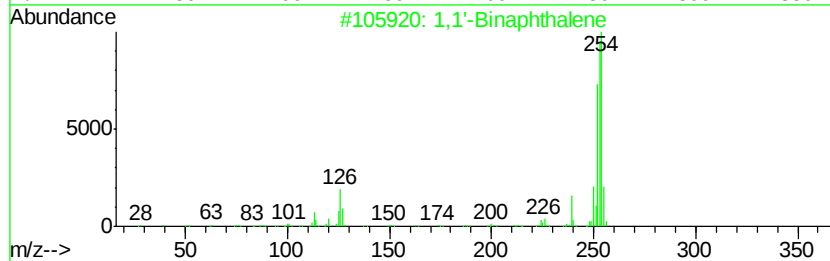
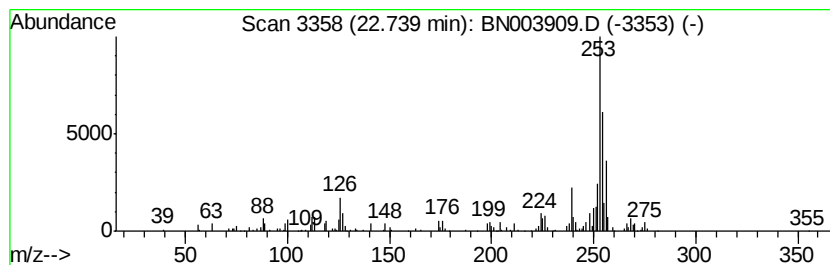
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Binaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.40 ng/ul	110088	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2		4,6'-Biazulenyl	254	C20H14	094154-49-1	53
3		4,4'-Biazulenyl	254	C20H14	094053-54-0	53
4		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	53
5		1H-Indene, 1,1'-(1,2-ethanediyl...	254	C20H14	072088-04-1	46



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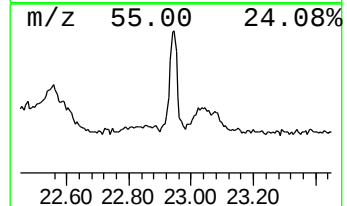
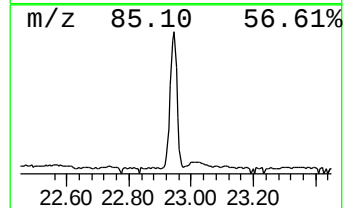
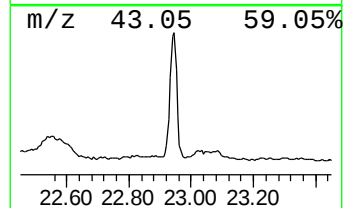
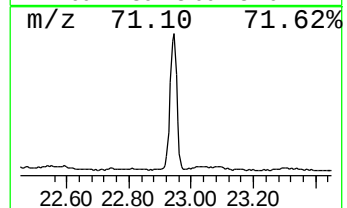
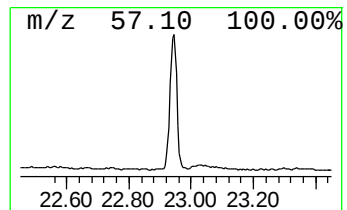
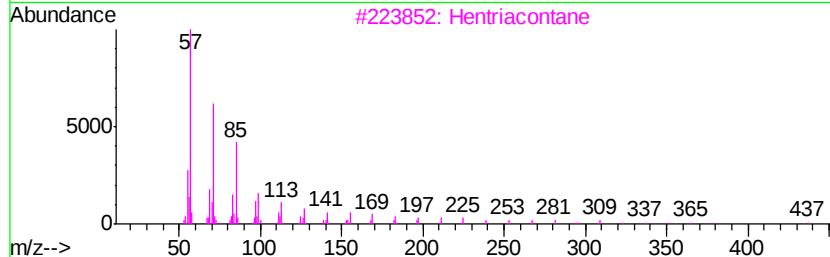
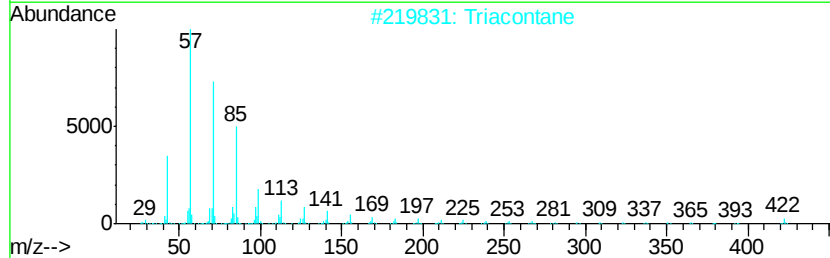
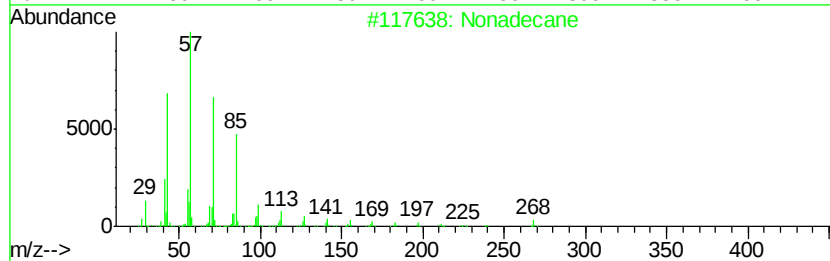
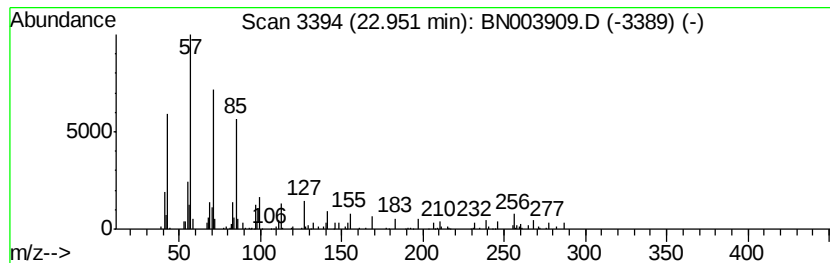
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.74 ng/ul	125711	Perylene-d12	23.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Triacontane	422	C30H62	000638-68-6	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Octacosane	394	C28H58	000630-02-4	87



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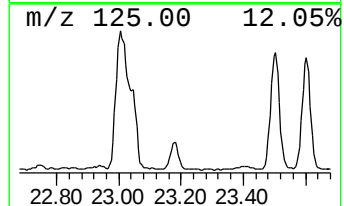
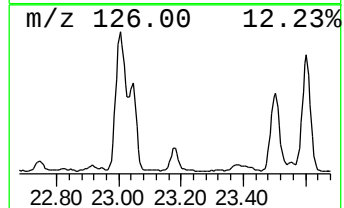
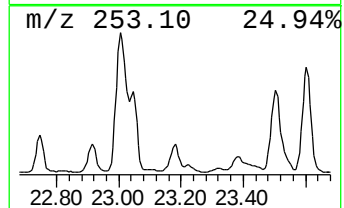
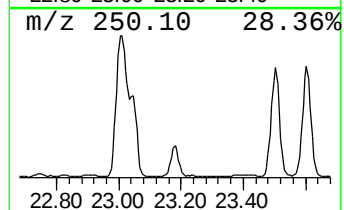
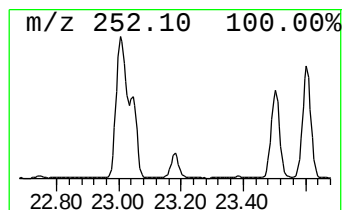
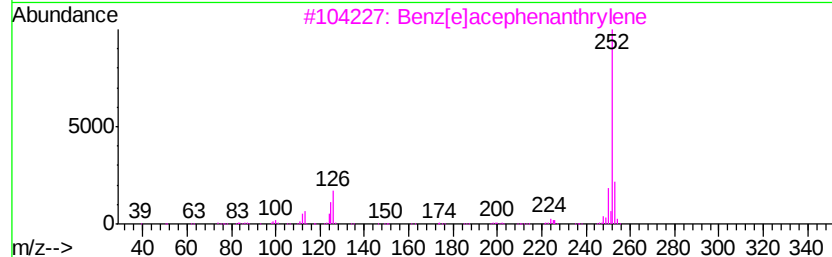
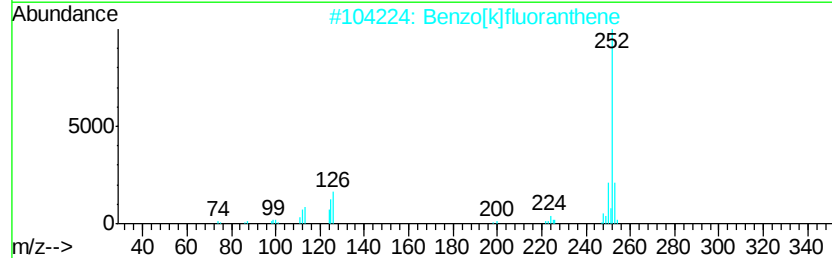
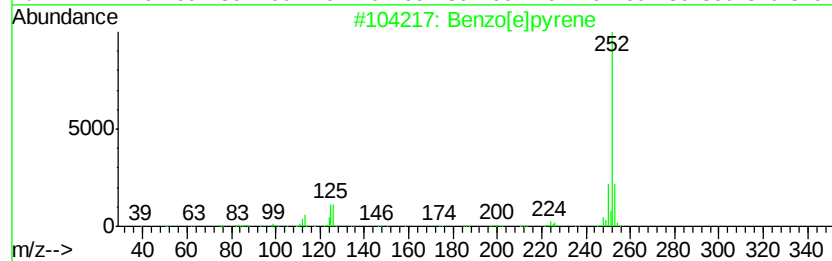
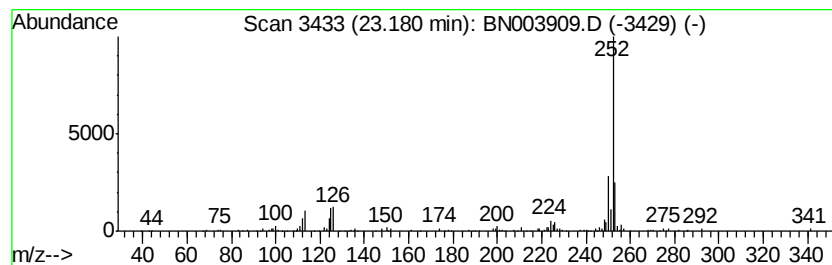
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.30 ng/ul	151454	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003909.D
Acq On : 14 Dec 2018 01:46
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

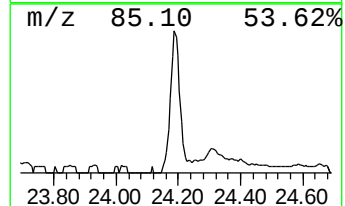
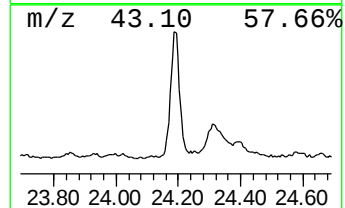
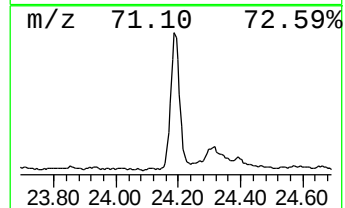
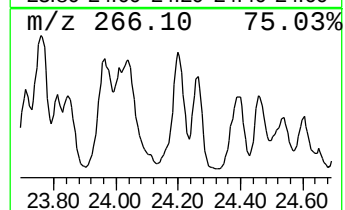
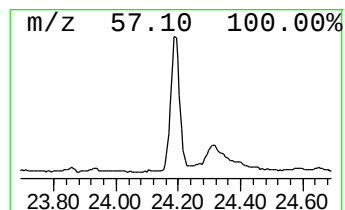
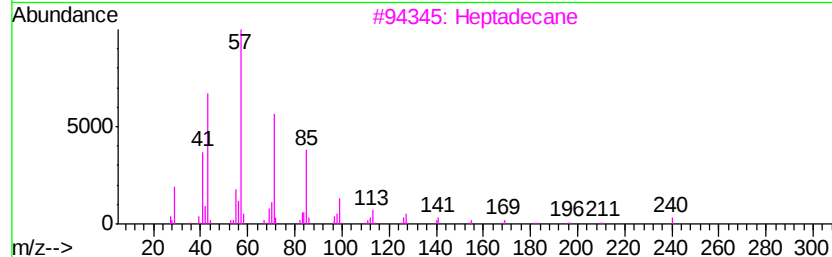
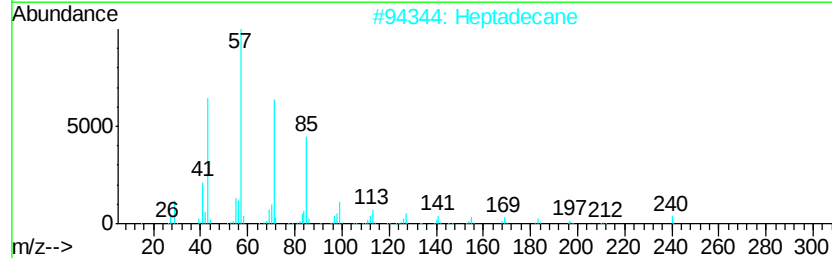
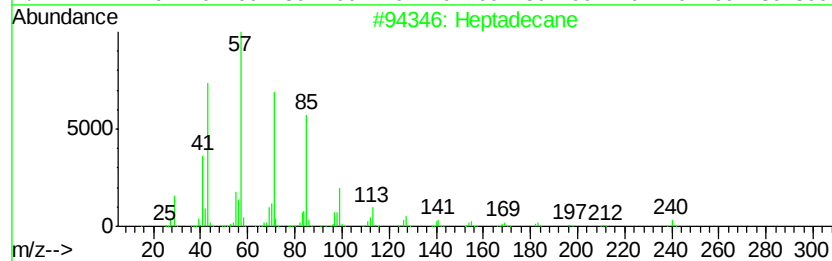
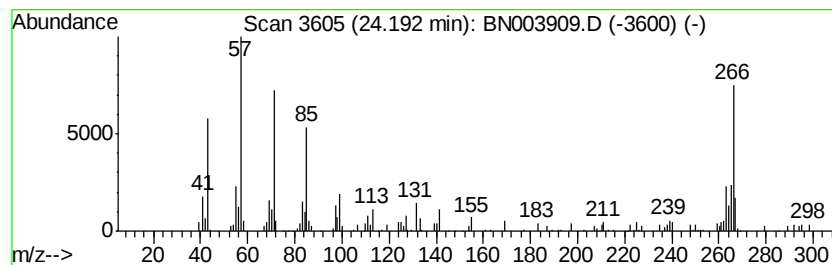
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	4.68 ng/ul	214994	Perylene-d12	23.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Heptadecane	240	C17H36	000629-78-7	78
3			Heptadecane	240	C17H36	000629-78-7	56
4			Nonadecane	268	C19H40	000629-92-5	47
5			4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003909.D
Acq On : 14 Dec 2018 01:46
Operator : JU/SJ
Sample : J6229-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F02

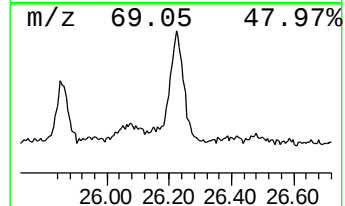
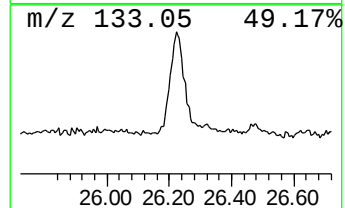
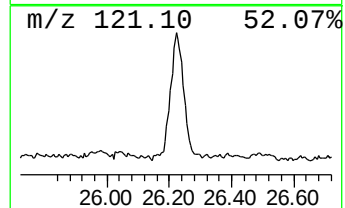
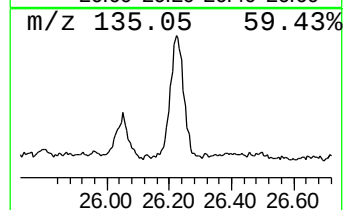
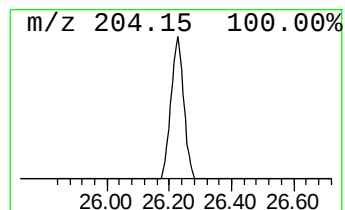
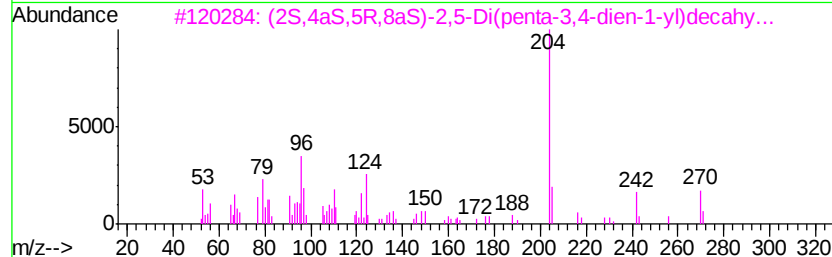
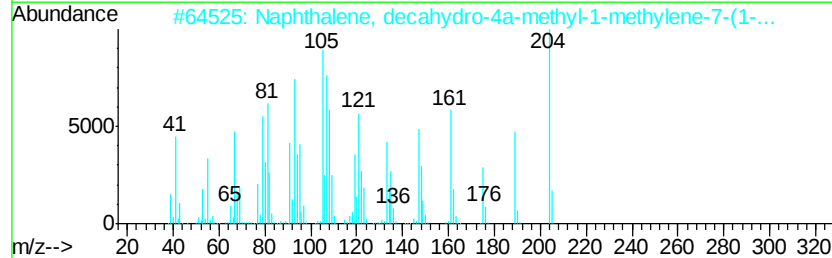
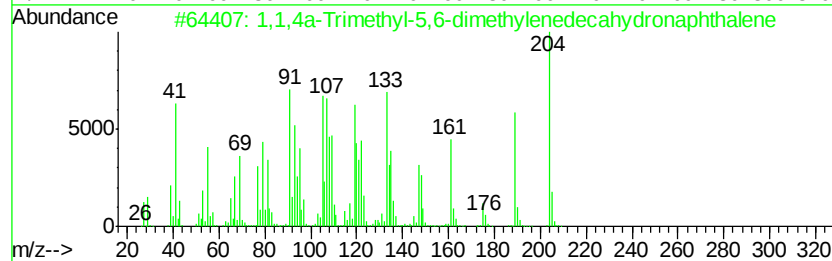
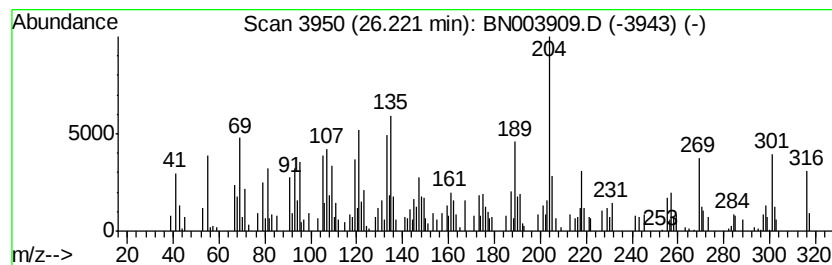
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	6.77 ng/ul	311095	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	58
2		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	55
3		(2S,4aS,5R,8aS)-2,5-Di(penta-3,4...	271	C19H29N	220024-80-6	44
4		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	43
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
 Data File : BN003909.D
 Acq On : 14 Dec 2018 01:46
 Operator : JU/SJ
 Sample : J6229-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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-methoxy...	3.02	119.1	ng/ul	748966	1	7.83	125808	20.0
unknown-01	3.80	7.1	ng/ul	44444	1	7.83	125808	20.0
Phenanthrene, 1-m...	18.08	7.4	ng/ul	184372	4	17.21	499693	20.0
Anthracene, 2-met...	18.13	4.4	ng/ul	110172	4	17.21	499693	20.0
5,16[1',2']:8,13[...	18.58	2.0	ng/ul	51021	4	17.21	499693	20.0
9,10-Dimethylanth...	19.00	4.3	ng/ul	108099	4	17.21	499693	20.0
Cyclopenta(def)ph...	19.15	3.4	ng/ul	85805	4	17.21	499693	20.0
Pyrene, 1-methyl-	20.28	2.6	ng/ul	218826	5	21.39	1683500	20.0
11H-Benzo[a]fluor...	20.87	2.2	ng/ul	187995	5	21.39	1683500	20.0
Anthra(1,2-b)thio...	21.03	2.6	ng/ul	221575	5	21.39	1683500	20.0
(DEL) Alkane: Cyc...	21.08	2.6	ng/ul	216193	5	21.39	1683500	20.0
7H-Benz[de]anthra...	21.17	2.8	ng/ul	231794	5	21.39	1683500	20.0
Cyclopenta(cd)pyr...	21.55	2.4	ng/ul	199401	5	21.39	1683500	20.0
Benz[a]anthracene...	21.95	3.0	ng/ul	251095	5	21.39	1683500	20.0
1,1'-Binaphthalene	22.74	2.4	ng/ul	110088	6	23.70	918850	20.0
(DEL) Alkane: Str...	22.95	2.7	ng/ul	125711	6	23.70	918850	20.0
Benzo[e]pyrene	23.18	3.3	ng/ul	151454	6	23.70	918850	20.0
(DEL) Alkane: Str...	24.19	4.7	ng/ul	214994	6	23.70	918850	20.0
1,1,4a-Trimethyl-...	26.22	6.8	ng/ul	311095	6	23.70	918850	20.0