

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002604.D
 Acq On : 06 Sep 2018 05:23
 Operator : JU/SJ
 Sample : J4688-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z16DL

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-BN081318MA.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	6.851	650	657	670	rVB2	103169	198739	4.17%	0.443%
2	7.010	678	684	691	rBV	83606	137849	2.89%	0.307%
3	7.204	711	717	726	rBV	112473	184564	3.88%	0.411%
4	7.663	788	795	804	rBV	674636	1104231	23.19%	2.460%
5	8.375	910	916	928	rBV2	115835	211850	4.45%	0.472%
6	8.816	983	991	998	rBV	102388	183469	3.85%	0.409%
7	9.528	1106	1112	1123	rVB	84599	151806	3.19%	0.338%
8	10.075	1199	1205	1216	rBV	122006	231564	4.86%	0.516%
9	10.434	1258	1266	1272	rBV	1021544	1735346	36.44%	3.866%
10	10.592	1287	1293	1299	rBV3	24832	47927	1.01%	0.107%
11	13.198	1729	1736	1744	rBV	130924	223718	4.70%	0.498%
12	13.616	1801	1807	1811	rBV2	44911	69985	1.47%	0.156%
13	13.704	1818	1822	1827	rBV	254630	363141	7.63%	0.809%
14	13.757	1827	1831	1840	rVB	186845	287743	6.04%	0.641%
15	13.986	1863	1870	1873	rBV	308005	507567	10.66%	1.131%
16	14.292	1913	1922	1929	rBV2	1503368	2345092	49.24%	5.224%
17	14.357	1929	1933	1941	rVB	49775	85432	1.79%	0.190%
18	14.539	1959	1964	1972	rBV2	46612	106048	2.23%	0.236%
19	14.698	1985	1991	1998	rBV2	49468	77866	1.64%	0.173%
20	15.292	2086	2092	2097	rBV	424376	611844	12.85%	1.363%
21	15.345	2097	2101	2106	rVB2	51755	79892	1.68%	0.178%
22	15.433	2111	2116	2121	rBV3	96962	161477	3.39%	0.360%
23	15.645	2147	2152	2157	rVB	46009	70584	1.48%	0.157%
24	15.792	2169	2177	2186	rVV	45090	111809	2.35%	0.249%
25	16.027	2208	2217	2218	rBV4	47455	88575	1.86%	0.197%
26	16.045	2218	2220	2226	rVB	51462	62534	1.31%	0.139%
27	16.357	2263	2273	2277	rBV6	36794	81454	1.71%	0.181%
28	16.586	2302	2312	2315	rBV3	55310	106467	2.24%	0.237%
29	16.621	2315	2318	2322	rVB2	34110	47669	1.00%	0.106%
30	16.704	2327	2332	2338	rVB2	70259	115216	2.42%	0.257%
31	16.774	2338	2344	2349	rBV2	47873	109844	2.31%	0.245%
32	16.863	2355	2359	2369	rVB	54466	94065	1.98%	0.210%
33	17.045	2383	2390	2394	rBV	1942871	2867526	60.21%	6.388%
34	17.086	2394	2397	2402	rVV	715997	954337	20.04%	2.126%

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35	17.139	2402	2406	2410	rVV	471177	709293	14.89%	1.580%
36	17.174	2410	2412	2418	rVB	191304	248093	5.21%	0.553%
37	17.233	2418	2422	2429	rBV5	39530	70702	1.48%	0.158%
38	17.451	2452	2459	2463	rBV	110138	186445	3.92%	0.415%
39	17.557	2473	2477	2483	rVB2	42239	71342	1.50%	0.159%
40	17.627	2485	2489	2497	rVB5	48164	82891	1.74%	0.185%
41	17.915	2530	2538	2542	rBV	207397	331965	6.97%	0.740%
42	17.968	2542	2547	2553	rVB	319789	483309	10.15%	1.077%
43	18.045	2553	2560	2565	rBV2	82372	140284	2.95%	0.313%
44	18.110	2565	2571	2575	rVV2	295140	527903	11.09%	1.176%
45	18.151	2575	2578	2585	rVB	153434	209479	4.40%	0.467%
46	18.215	2585	2589	2592	rBV5	58331	93061	1.95%	0.207%
47	18.274	2596	2599	2603	rVV4	36680	53037	1.11%	0.118%
48	18.315	2603	2606	2611	rVB5	31291	47727	1.00%	0.106%
49	18.421	2620	2624	2628	rBV	193613	261040	5.48%	0.582%
50	18.468	2628	2632	2638	rVB	292409	403344	8.47%	0.899%
51	18.668	2663	2666	2670	rBV2	59406	82209	1.73%	0.183%
52	18.721	2671	2675	2679	rBV	62883	81398	1.71%	0.181%
53	18.762	2679	2682	2686	rVB	64649	81349	1.71%	0.181%
54	18.845	2690	2696	2701	rBV2	139967	308493	6.48%	0.687%
55	18.939	2709	2712	2715	rVB	59559	69605	1.46%	0.155%
56	18.986	2715	2720	2727	rBV2	171929	290904	6.11%	0.648%
57	19.110	2735	2741	2748	rVB	2817093	3729462	78.31%	8.309%
58	19.174	2748	2752	2755	rBV	60646	83247	1.75%	0.185%
59	19.210	2755	2758	2762	rVB2	53979	67450	1.42%	0.150%
60	19.257	2762	2766	2770	rBV	141383	180334	3.79%	0.402%
61	19.315	2773	2776	2779	rVV3	75586	93862	1.97%	0.209%
62	19.351	2779	2782	2785	rVB	62316	72821	1.53%	0.162%
63	19.445	2792	2798	2800	rBV2	905156	1433930	30.11%	3.195%
64	19.474	2800	2803	2811	rVV	1884466	2397018	50.33%	5.340%
65	19.545	2811	2815	2820	rVV2	119149	177696	3.73%	0.396%
66	19.651	2829	2833	2839	rBV	127264	193909	4.07%	0.432%
67	19.715	2841	2844	2849	rVB2	78023	113192	2.38%	0.252%
68	19.804	2853	2859	2865	rBV4	166958	419802	8.82%	0.935%
69	19.939	2877	2882	2884	rBV3	120680	220651	4.63%	0.492%
70	19.974	2884	2888	2891	rVB2	217896	307946	6.47%	0.686%
71	20.074	2901	2905	2908	rBV	124854	156075	3.28%	0.348%

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72	20.127	2908	2914	2919	rVV3	196512	348791	7.32%	0.777%
73	20.215	2925	2929	2933	rBV3	44166	66189	1.39%	0.147%
74	20.268	2935	2938	2942	rBV	76925	112941	2.37%	0.252%
75	20.315	2942	2946	2951	rVV3	83876	132573	2.78%	0.295%
76	20.380	2954	2957	2961	rVB3	73824	91713	1.93%	0.204%
77	20.498	2974	2977	2980	rBV5	86226	91472	1.92%	0.204%
78	20.721	3011	3015	3021	rVB	354519	478865	10.06%	1.067%
79	20.886	3038	3043	3047	rBV2	253595	401483	8.43%	0.894%
80	20.927	3047	3050	3053	rVV	174070	197788	4.15%	0.441%
81	20.968	3053	3057	3062	rVV2	194634	389697	8.18%	0.868%
82	21.021	3062	3066	3077	rVB	404492	628312	13.19%	1.400%
83	21.162	3088	3090	3094	rVB	105396	99667	2.09%	0.222%
84	21.245	3097	3104	3107	rVV2	2863660	4762207	100.00%	10.609%
85	21.280	3107	3110	3120	rVB	971276	1281938	26.92%	2.856%
86	21.398	3128	3130	3135	rBV4	72028	103649	2.18%	0.231%
87	21.833	3201	3204	3211	rBV3	219820	353797	7.43%	0.788%
88	22.286	3278	3281	3291	rVB4	254680	396617	8.33%	0.884%
89	22.792	3362	3367	3374	rBV3	1020259	2231717	46.86%	4.972%
90	23.268	3444	3448	3452	rBV	271192	439918	9.24%	0.980%
91	23.321	3453	3457	3460	rBV	234486	411747	8.65%	0.917%
92	23.462	3474	3481	3486	rBV	1405816	2609813	54.80%	5.814%
93	23.650	3509	3513	3518	rVB2	174864	262922	5.52%	0.586%
94	23.974	3564	3568	3577	rVB	358037	694464	14.58%	1.547%

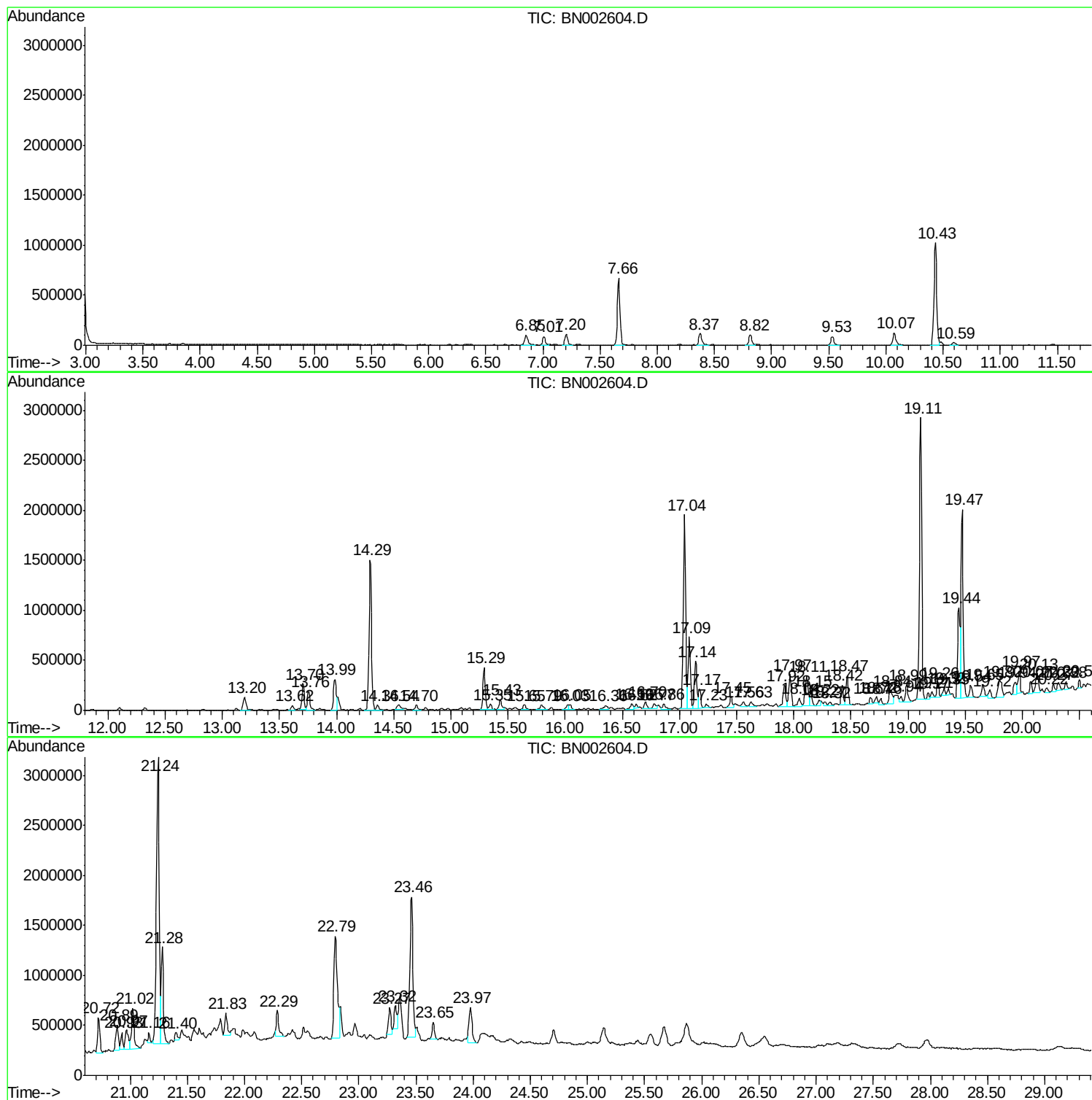
Sum of corrected areas: 44886778

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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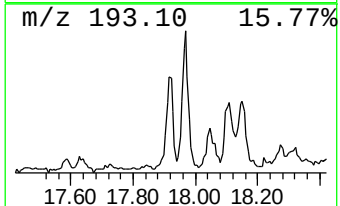
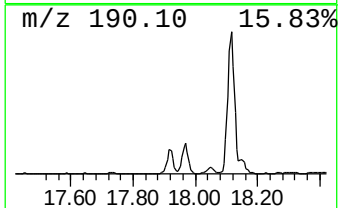
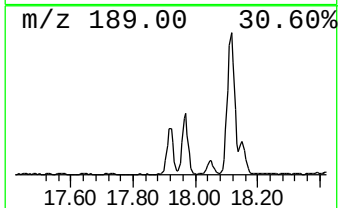
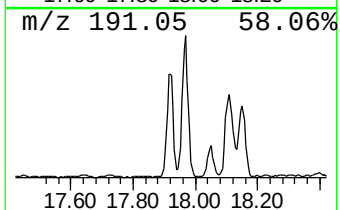
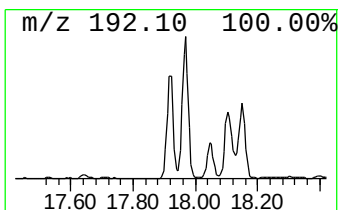
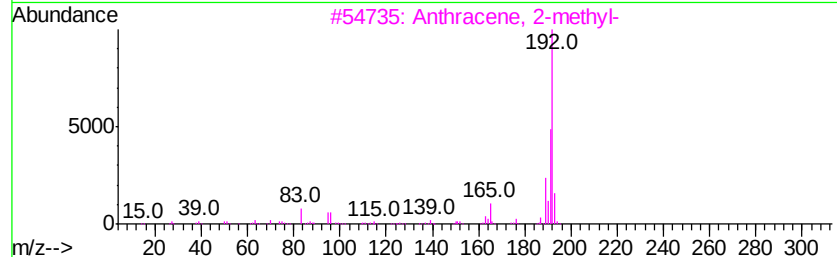
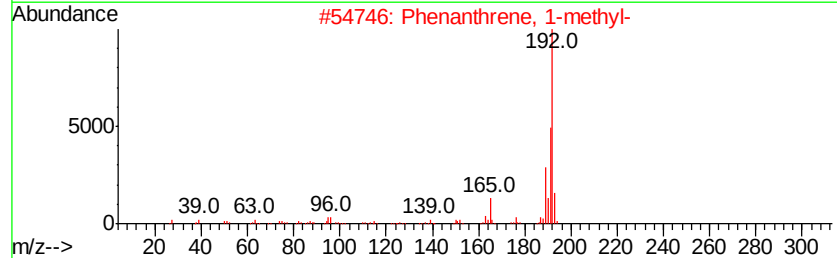
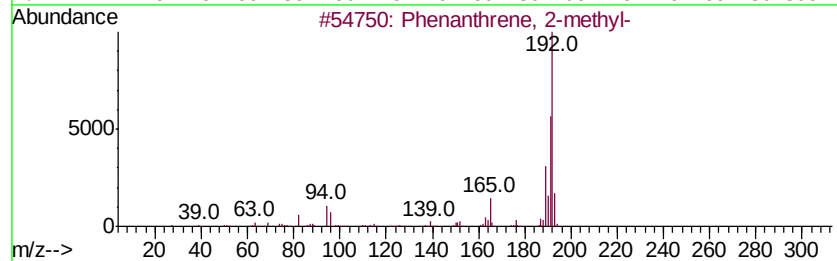
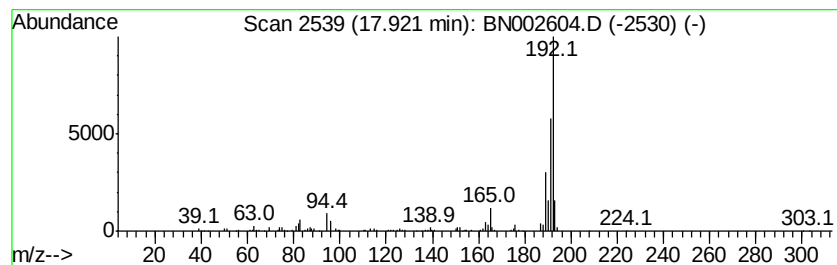
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	2.32 ng/ul	331965	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96



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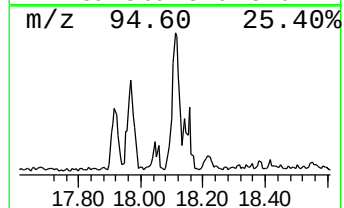
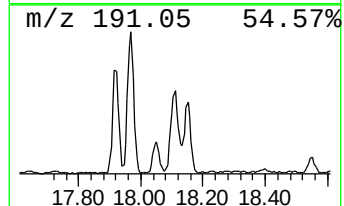
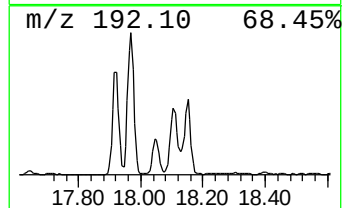
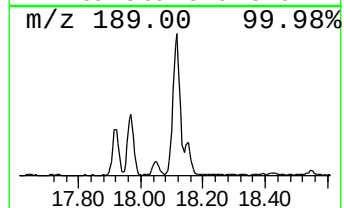
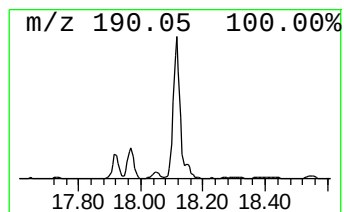
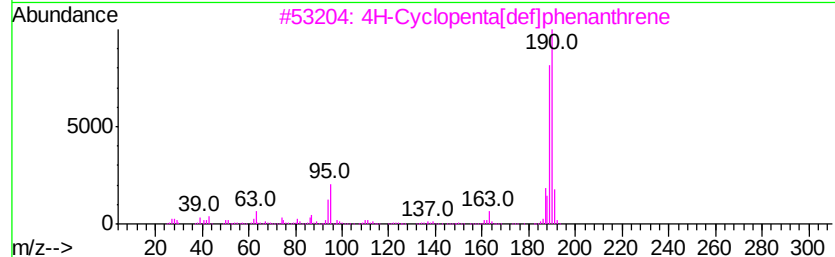
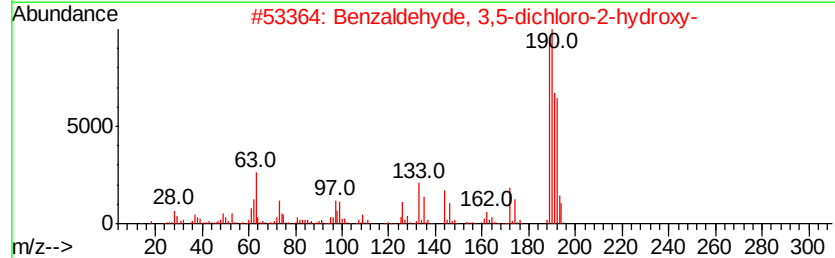
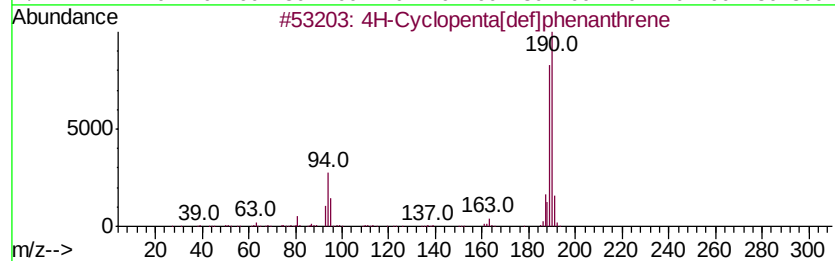
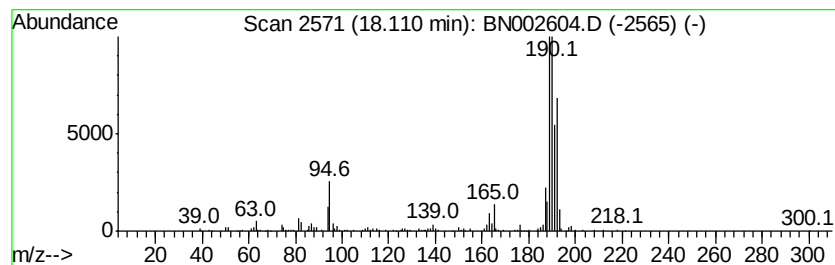
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.11	3.68 ng/ul	527903	Phenanthrene-d10		17.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4			6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	58
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30



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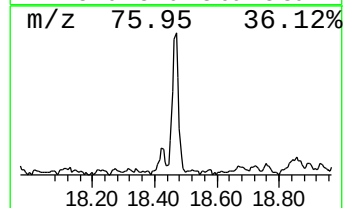
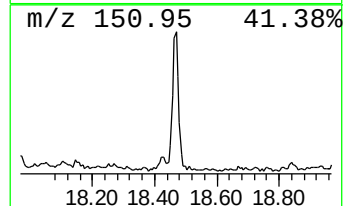
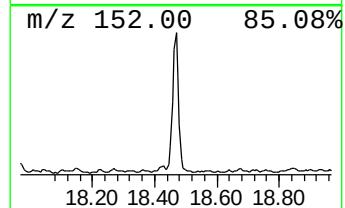
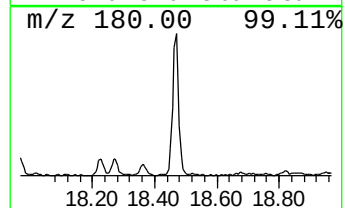
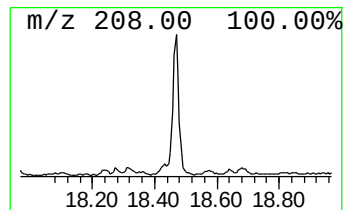
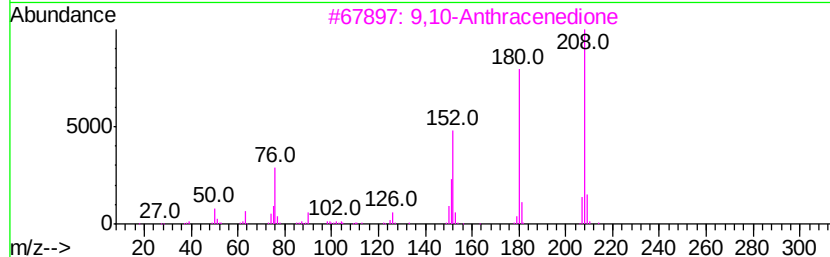
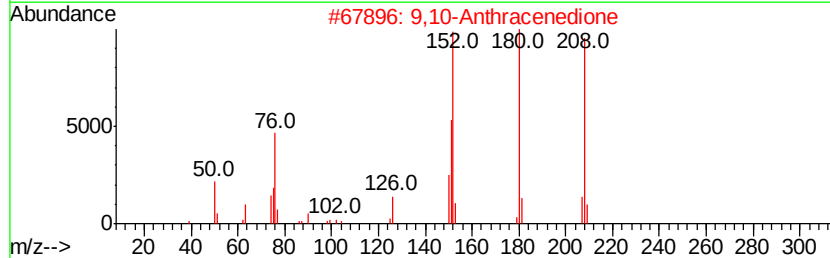
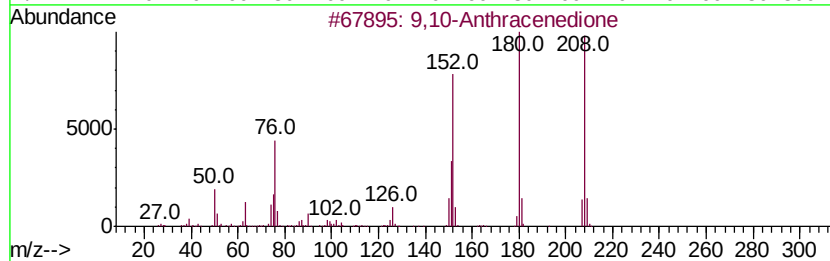
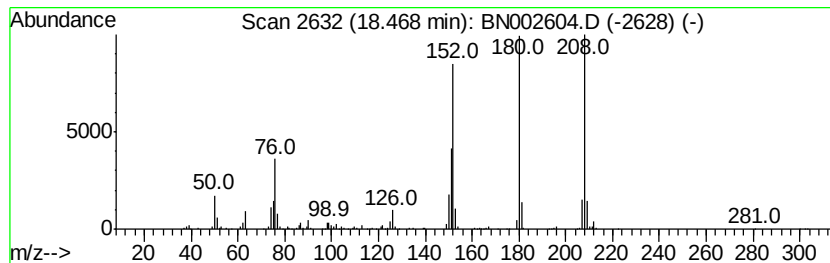
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Quant Title : SVOA CALIBRATION

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Peak Number 4 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.81 ng/ul	403344	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	92
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z16DL

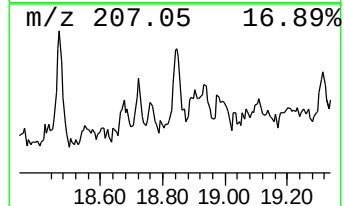
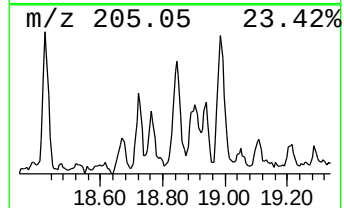
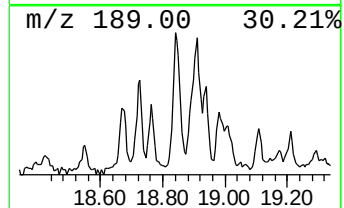
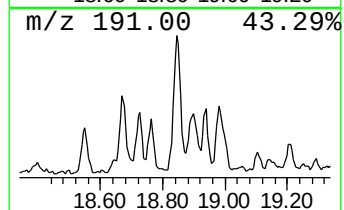
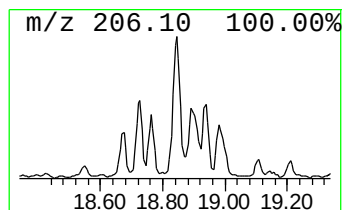
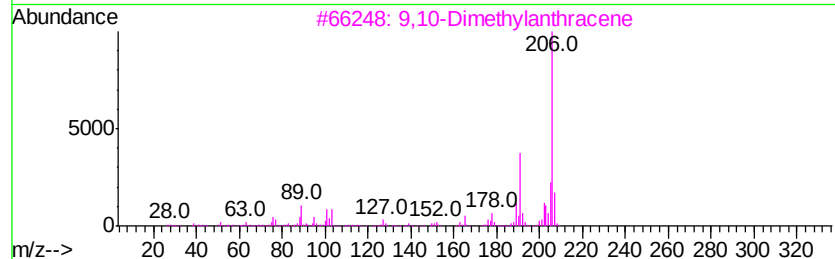
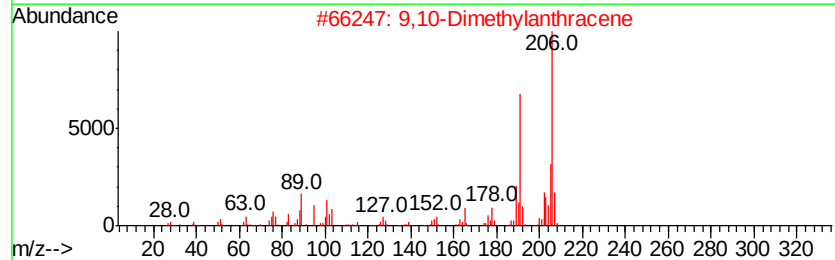
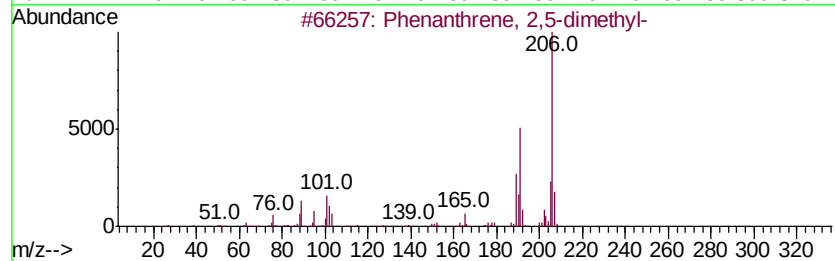
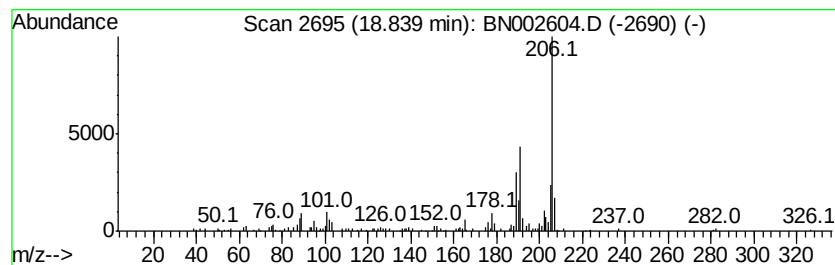
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.15 ng/ul	308493	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002604.D
Acq On : 06 Sep 2018 05:23
Operator : JU/SJ
Sample : J4688-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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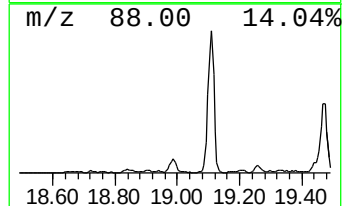
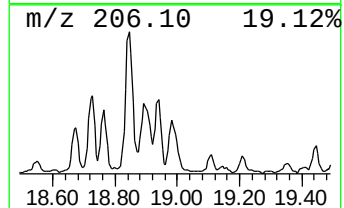
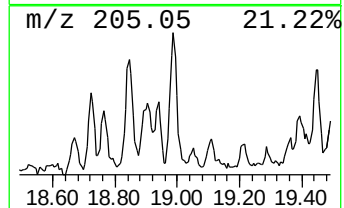
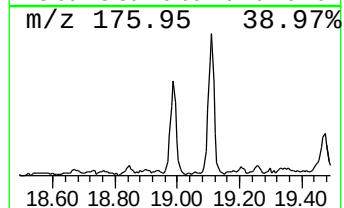
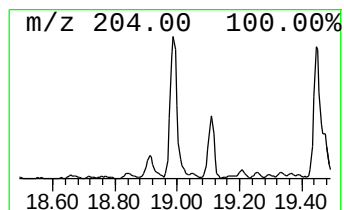
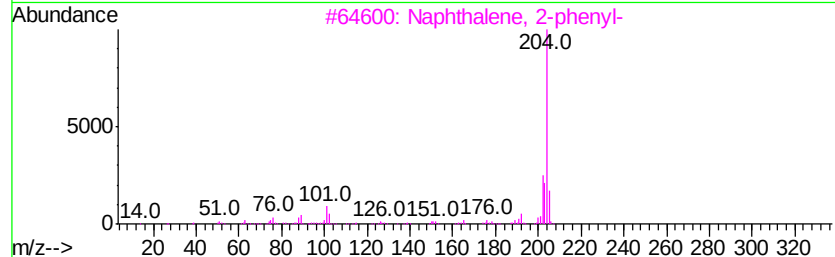
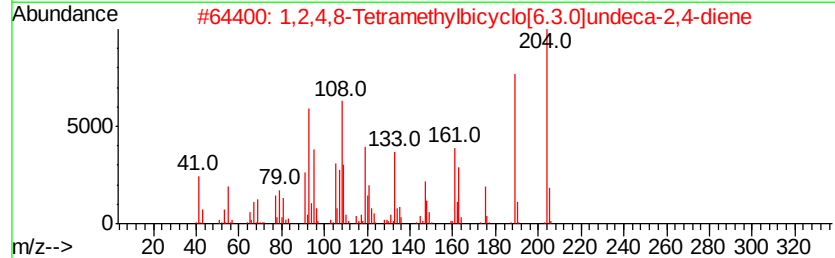
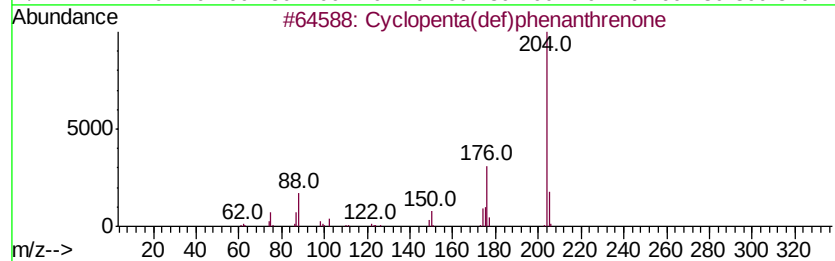
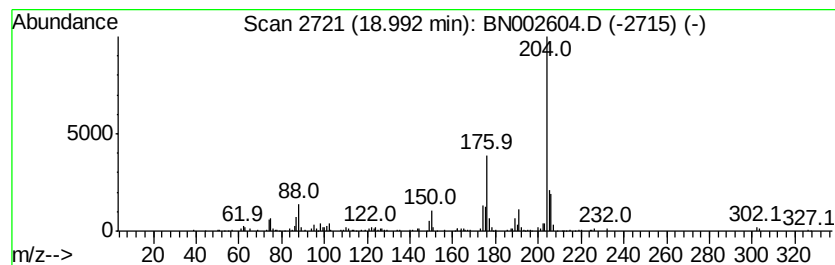
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.03 ng/ul	290904	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	70
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	45
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4		.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	38
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002604.D
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Operator : JU/SJ
Sample : J4688-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

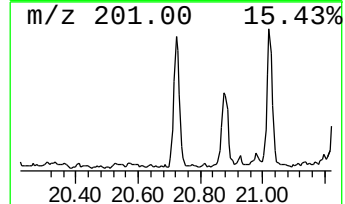
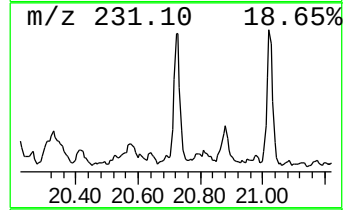
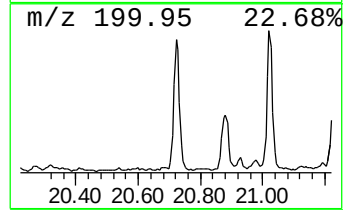
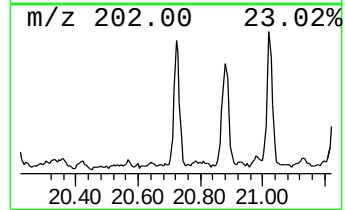
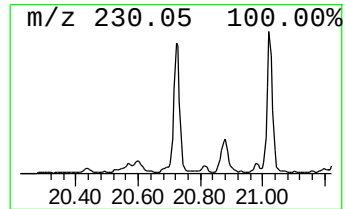
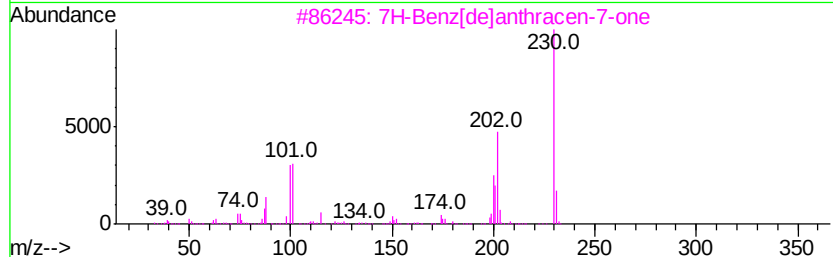
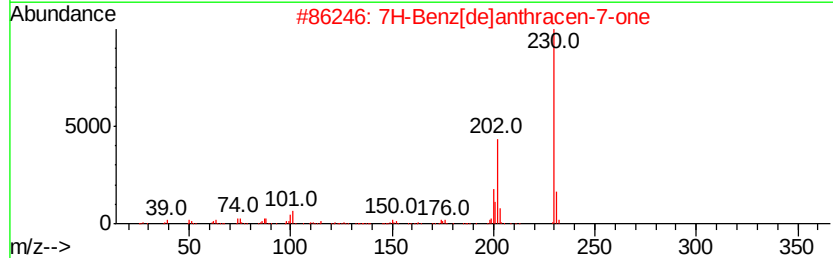
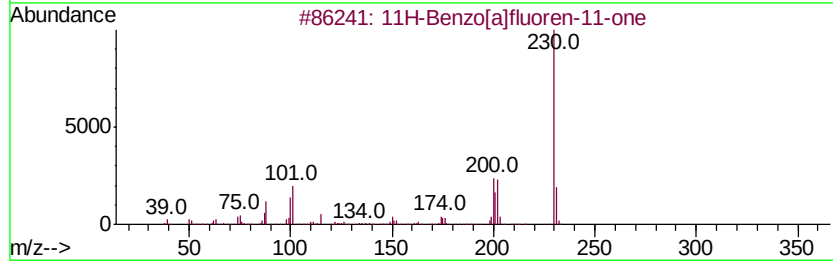
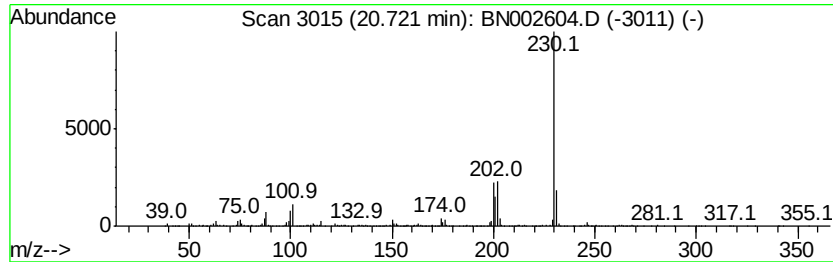
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.72	2.01 ng/ul	478865	Chrysene-d12		21.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
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Operator : JU/SJ
Sample : J4688-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

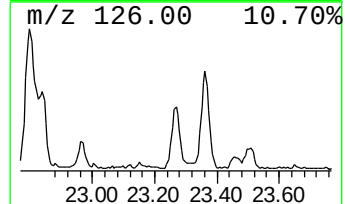
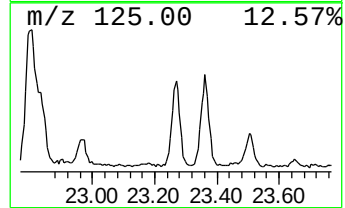
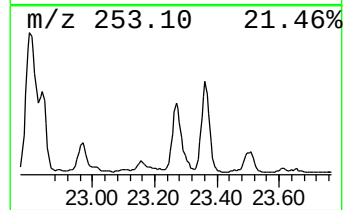
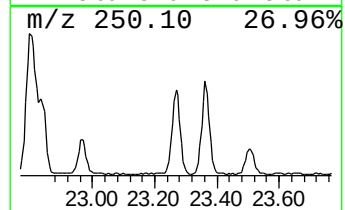
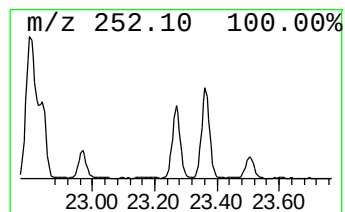
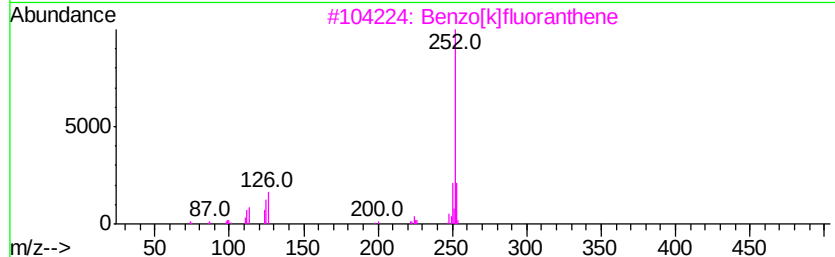
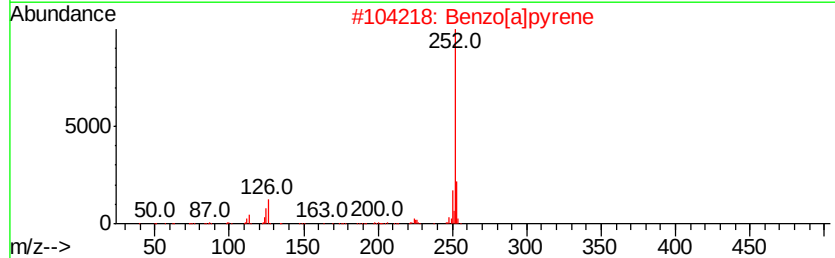
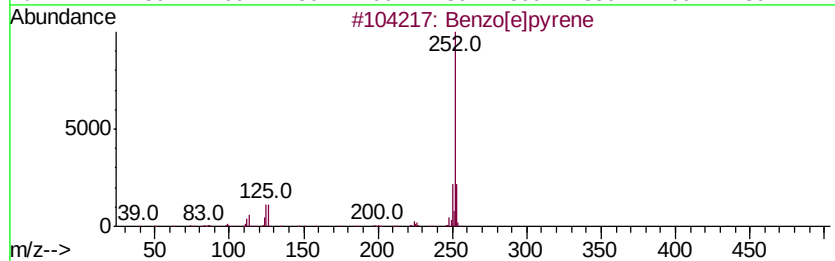
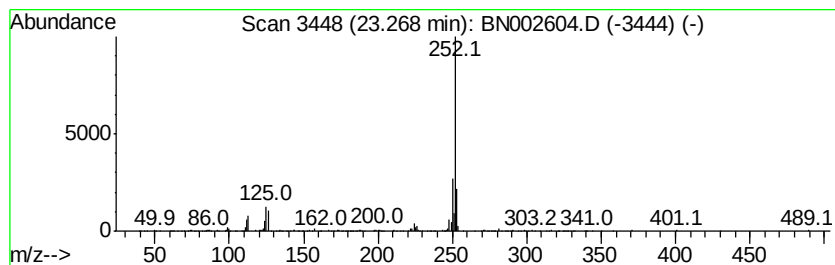
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.37 ng/ul	439918	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	99
2	Benzo[a]pyrene	252 C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252 C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	94
5	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002604.D
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Sample : J4688-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

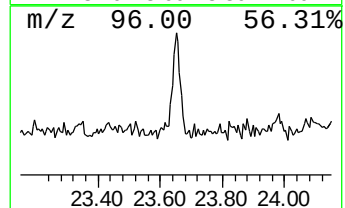
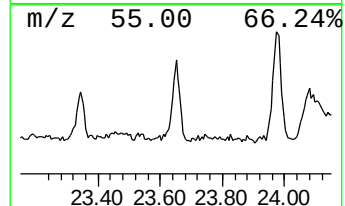
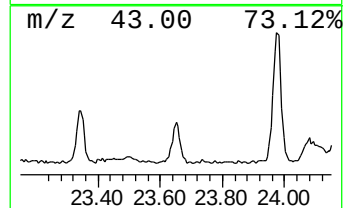
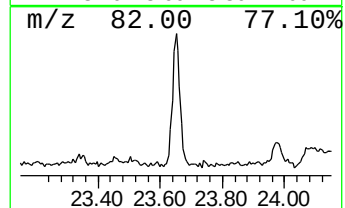
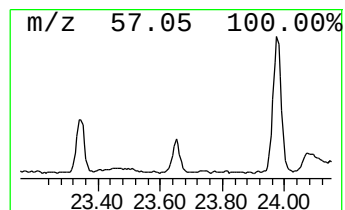
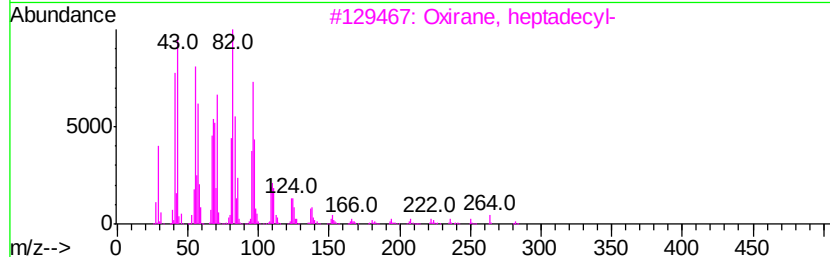
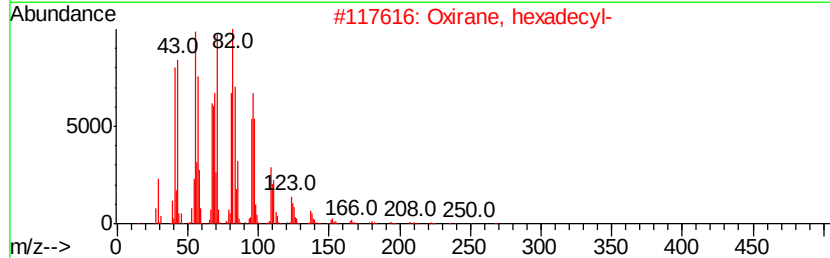
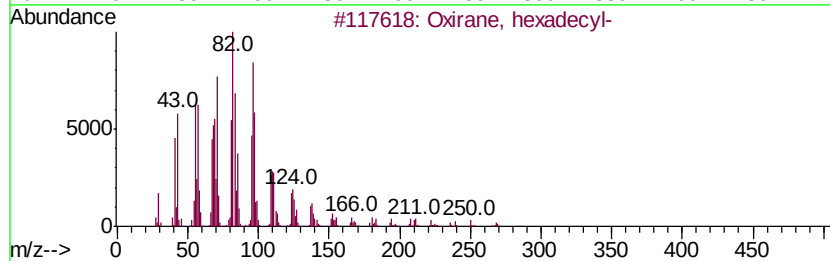
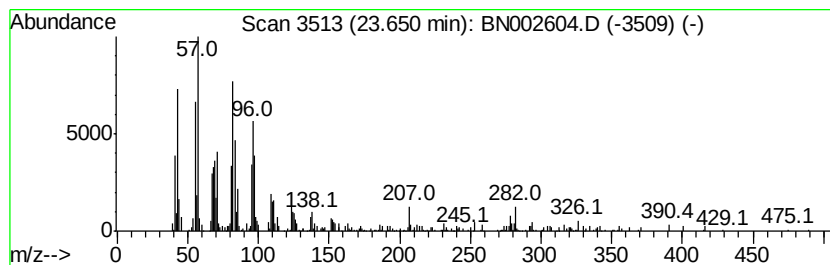
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.65	2.01 ng/ul	262922	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	93
2	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	90
4	Tetradecanal	212 C14H28O	000124-25-4	90
5	Bicyclo[10.8.0]eicosane, cis-	278 C20H38	1000155-82-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002604.D
Acq On : 06 Sep 2018 05:23
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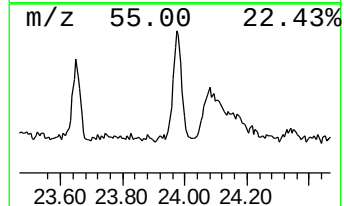
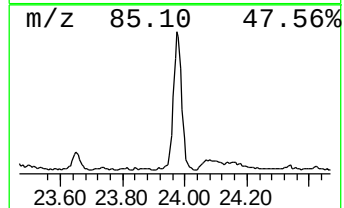
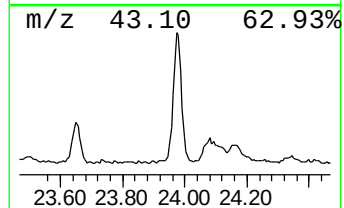
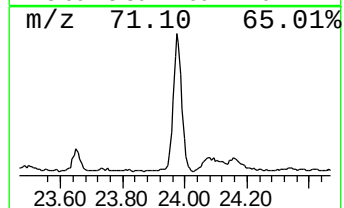
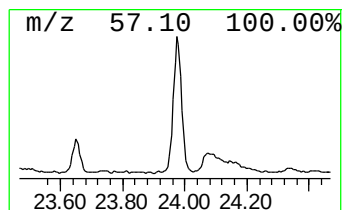
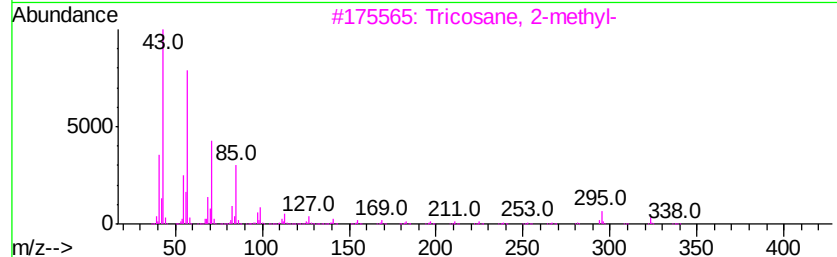
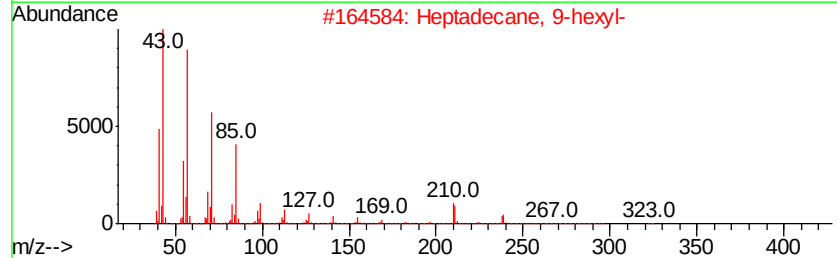
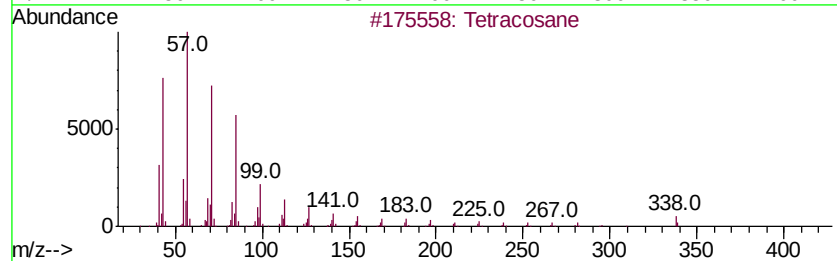
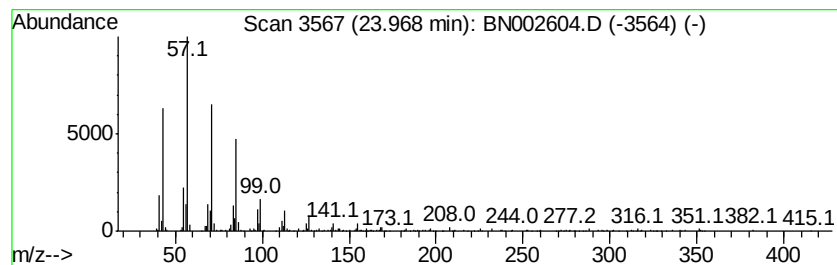
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	5.32 ng/ul	694464	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	93
2			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002604.D
Acq On : 06 Sep 2018 05:23
Operator : JU/SJ
Sample : J4688-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
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4H-Cyclopenta[def...	18.11	3.7	ng/ul	527903	4	17.04	2867530	20.0
9,10-Anthracenedione	18.47	2.8	ng/ul	403344	4	17.04	2867530	20.0
Phenanthrene, 2,5...	18.84	2.1	ng/ul	308493	4	17.04	2867530	20.0
Cyclopenta(def)ph...	18.99	2.0	ng/ul	290904	4	17.04	2867530	20.0
11H-Benzo[a]fluor...	20.72	2.0	ng/ul	478865	5	21.24	4762210	20.0
Benzo[e]pyrene	23.27	3.4	ng/ul	439918	6	23.46	2609810	20.0
Oxirane, hexadecyl-	23.65	2.0	ng/ul	262922	6	23.46	2609810	20.0
(DEL) Alkane: Str...	23.97	5.3	ng/ul	694464	6	23.46	2609810	20.0