

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004289.D
 Acq On : 15 Dec 2020 00:16
 Operator : CG/JU
 Sample : L5001-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C6

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_P\METHODS\SOM-EPA-BP121020MA.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	3.840	107	111	119	rVB	99491	143443	1.47%	0.120%
2	6.999	642	648	659	rVB2	741947	1395878	14.32%	1.167%
3	7.169	671	677	689	rVB	575506	935775	9.60%	0.782%
4	7.369	704	711	718	rBV	784532	1258470	12.91%	1.052%
5	7.428	718	721	738	rVB	46278	100050	1.03%	0.084%
6	7.840	784	791	797	rBV	1303143	2157831	22.13%	1.804%
7	7.899	797	801	809	rVB2	33791	55724	0.57%	0.047%
8	8.540	903	910	921	rBV	795296	1336509	13.71%	1.117%
9	8.993	980	987	996	rVB	709125	1204763	12.36%	1.007%
10	9.428	1056	1061	1068	rVB2	26916	47440	0.49%	0.040%
11	9.711	1102	1109	1123	rVB	560398	987291	10.13%	0.825%
12	10.252	1194	1201	1213	rBV	962191	1644477	16.87%	1.374%
13	10.634	1256	1266	1272	rBV	1933112	3287994	33.73%	2.748%
14	10.681	1272	1274	1280	rVV	42380	62978	0.65%	0.053%
15	10.763	1281	1288	1304	rVB	740099	1315701	13.50%	1.100%
16	13.316	1717	1722	1728	rVV3	30367	49845	0.51%	0.042%
17	13.804	1800	1805	1810	rBV2	31721	54360	0.56%	0.045%
18	13.887	1810	1819	1824	rBV	1710019	2435715	24.98%	2.036%
19	13.934	1824	1827	1833	rVB	341642	456550	4.68%	0.382%
20	14.175	1856	1868	1886	rBV	2107812	3368979	34.56%	2.816%
21	14.487	1910	1921	1927	rBV	2914822	4493914	46.09%	3.756%
22	14.546	1927	1931	1938	rVB	158988	240195	2.46%	0.201%
23	14.675	1947	1953	1964	rBV	609322	950681	9.75%	0.795%
24	14.887	1983	1989	1996	rVV2	83916	155864	1.60%	0.130%
25	15.110	2018	2027	2032	rBV6	27407	68283	0.70%	0.057%
26	15.287	2049	2057	2064	rBV8	22690	62254	0.64%	0.052%
27	15.481	2081	2090	2096	rBV	2642132	3836592	39.35%	3.207%
28	15.534	2096	2099	2105	rVB	166701	225306	2.31%	0.188%
29	15.604	2106	2111	2118	rBV	284052	430186	4.41%	0.360%
30	15.704	2124	2128	2130	rBV3	30108	48556	0.50%	0.041%
31	15.834	2146	2150	2158	rVB	48161	91635	0.94%	0.077%
32	15.981	2171	2175	2182	rVB	43186	73588	0.75%	0.062%
33	16.210	2210	2214	2221	rVV4	54083	94680	0.97%	0.079%
34	16.545	2264	2271	2276	rVV4	44640	96705	0.99%	0.081%

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35	16.593	2276	2279	2285	rVB4	36027	49745	0.51%	0.042%
36	16.775	2302	2310	2314	rBV4	63343	126480	1.30%	0.106%
37	16.822	2314	2318	2321	rVV2	38084	53463	0.55%	0.045%
38	16.898	2325	2331	2338	rVB	119456	202260	2.07%	0.169%
39	16.992	2339	2347	2355	rBV7	49437	190937	1.96%	0.160%
40	17.057	2355	2358	2363	rVB	128436	181792	1.86%	0.152%
41	17.245	2383	2390	2394	rVV	3650302	5414806	55.54%	4.526%
42	17.287	2394	2397	2402	rVV	2562005	3498846	35.89%	2.924%
43	17.345	2402	2407	2411	rVV	2905110	4440919	45.55%	3.712%
44	17.375	2411	2412	2417	rVV	590385	597820	6.13%	0.500%
45	17.428	2417	2421	2428	rVB4	139792	237581	2.44%	0.199%
46	17.645	2450	2458	2463	rBV2	271219	448146	4.60%	0.375%
47	17.763	2475	2478	2483	rVB3	55205	65301	0.67%	0.055%
48	17.851	2485	2493	2499	rVB2	386813	709890	7.28%	0.593%
49	17.963	2507	2512	2520	rVB4	101215	194751	2.00%	0.163%
50	18.039	2521	2525	2528	rBV3	47341	68707	0.70%	0.057%
51	18.116	2529	2538	2542	rVV2	416945	874123	8.97%	0.731%
52	18.163	2542	2546	2550	rVV	545824	817299	8.38%	0.683%
53	18.204	2550	2553	2556	rVV	206065	257087	2.64%	0.215%
54	18.239	2556	2559	2564	rVV	184406	247520	2.54%	0.207%
55	18.304	2564	2570	2574	rVV2	748473	1295739	13.29%	1.083%
56	18.339	2574	2576	2583	rVB2	283385	445191	4.57%	0.372%
57	18.404	2583	2587	2592	rBV3	104841	164576	1.69%	0.138%
58	18.451	2592	2595	2599	rVB3	57762	79829	0.82%	0.067%
59	18.598	2613	2620	2623	rBV	315363	553986	5.68%	0.463%
60	18.634	2623	2626	2631	rVV	274512	401285	4.12%	0.335%
61	18.675	2631	2633	2637	rVB2	77722	83023	0.85%	0.069%
62	18.716	2637	2640	2643	rBV3	82792	110055	1.13%	0.092%
63	18.745	2643	2645	2650	rVB2	103787	119853	1.23%	0.100%
64	18.839	2657	2661	2665	rBV2	147244	190078	1.95%	0.159%
65	18.887	2666	2669	2672	rVV2	102001	124728	1.28%	0.104%
66	18.922	2672	2675	2679	rVB2	98082	124825	1.28%	0.104%
67	19.004	2684	2689	2693	rBV2	262091	438297	4.50%	0.366%
68	19.051	2693	2697	2702	rBV6	142154	284209	2.92%	0.238%
69	19.098	2702	2705	2708	rVB2	154222	169546	1.74%	0.142%
70	19.139	2708	2712	2718	rBV	398573	556223	5.71%	0.465%
71	19.204	2721	2723	2727	rBV3	82868	87463	0.90%	0.073%

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72	19.257	2727	2732	2739	rVB	5029823	6859807	70.36%	5.733%
73	19.322	2739	2743	2744	rBV	136512	160093	1.64%	0.134%
74	19.404	2753	2757	2760	rBV2	100707	139839	1.43%	0.117%
75	19.498	2770	2773	2776	rVB	100596	107513	1.10%	0.090%
76	19.586	2782	2788	2790	rBV2	4598674	6552032	67.21%	5.476%
77	19.610	2790	2792	2800	rVV	4460463	5776117	59.25%	4.828%
78	19.681	2800	2804	2810	rVB2	278648	431422	4.43%	0.361%
79	19.786	2818	2822	2827	rBV	222524	331611	3.40%	0.277%
80	19.845	2828	2832	2836	rVB	231770	352075	3.61%	0.294%
81	19.928	2841	2846	2852	rBV3	321091	794842	8.15%	0.664%
82	20.092	2865	2874	2879	rVB2	737401	1346685	13.81%	1.126%
83	20.192	2887	2891	2895	rBV	452852	549464	5.64%	0.459%
84	20.251	2896	2901	2905	rVB2	421434	628378	6.45%	0.525%
85	20.386	2921	2924	2927	rBV	283272	325785	3.34%	0.272%
86	20.433	2928	2932	2936	rVB	315556	406122	4.17%	0.339%
87	20.828	2995	2999	3005	rVB	719686	1067914	10.95%	0.893%
88	20.986	3023	3026	3030	rVB2	341496	437309	4.49%	0.366%
89	21.028	3030	3033	3035	rVV	343717	418018	4.29%	0.349%
90	21.057	3035	3038	3044	rVV3	470576	997604	10.23%	0.834%
91	21.116	3045	3048	3056	rVB	526239	710054	7.28%	0.593%
92	21.333	3079	3085	3089	rBV2	5134910	9749257	100.00%	8.148%
93	21.375	3089	3092	3101	rVB	2417136	3148768	32.30%	2.632%
94	21.492	3109	3112	3118	rBV	386800	611157	6.27%	0.511%
95	21.657	3137	3140	3146	rVB	334619	436531	4.48%	0.365%
96	22.986	3360	3366	3371	rBV	2110688	4849163	49.74%	4.053%
97	23.498	3447	3453	3456	rBV	1016009	2008495	20.60%	1.679%
98	23.551	3457	3462	3466	rVV	2331192	4409547	45.23%	3.686%
99	23.598	3466	3470	3477	rVB	1877789	3452765	35.42%	2.886%
100	23.704	3481	3488	3493	rBV	2704417	5511965	56.54%	4.607%

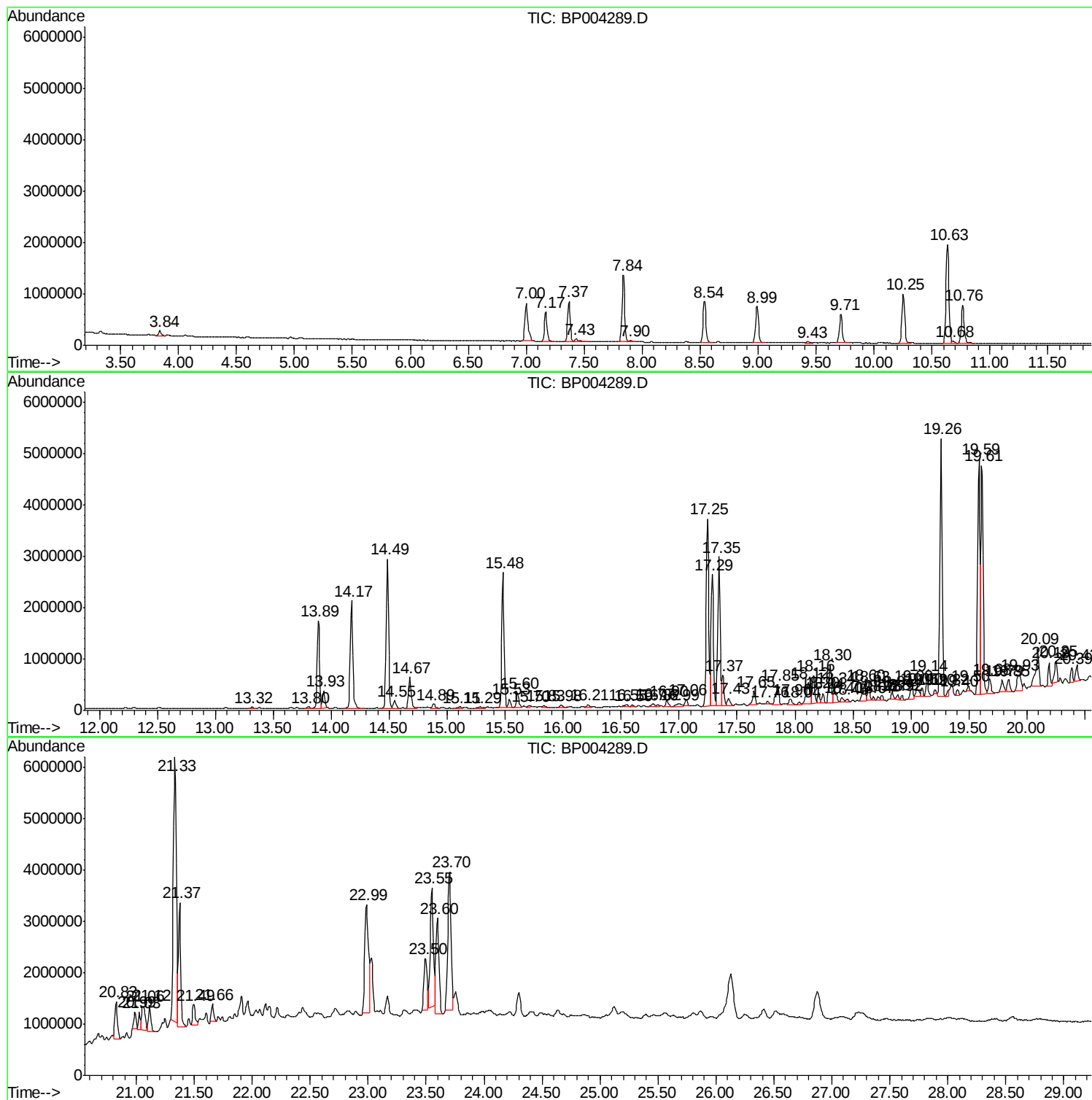
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



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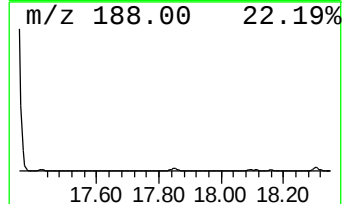
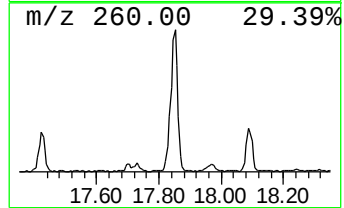
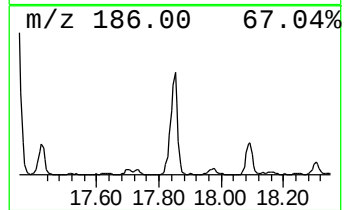
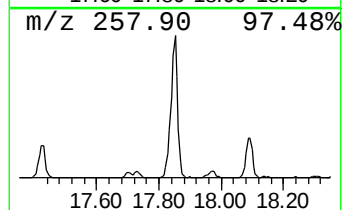
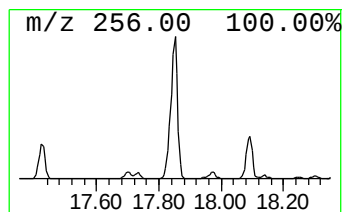
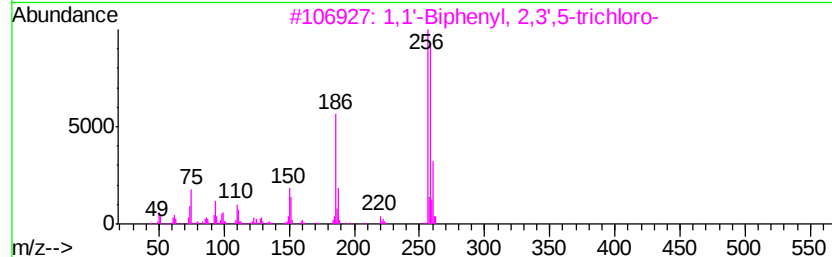
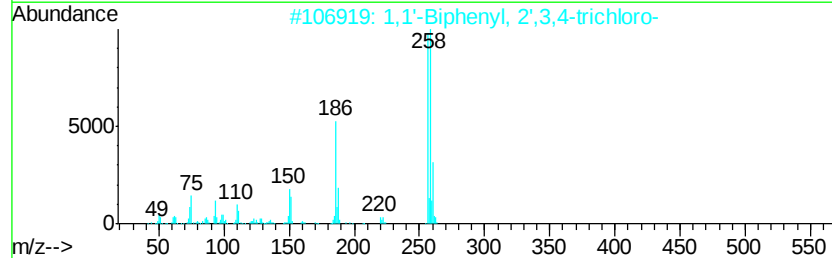
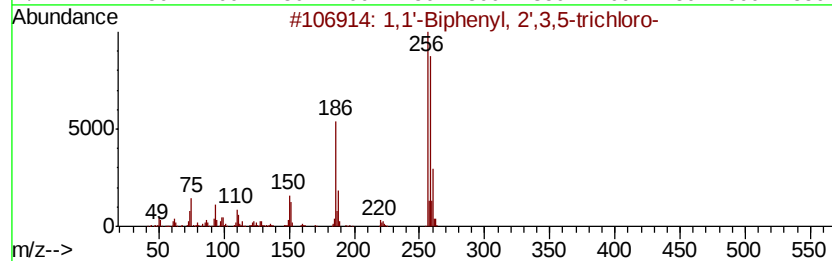
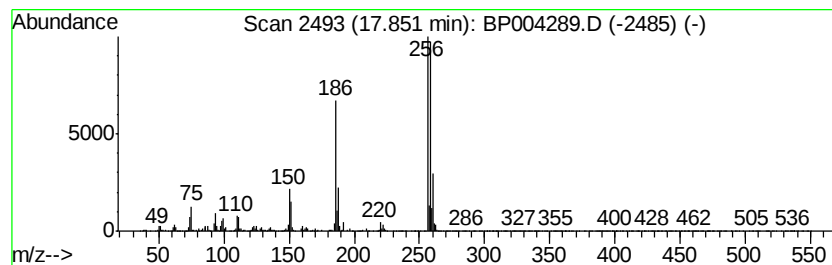
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 2',3,5-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.62 ng/ul	709890	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
2		1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3		1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4		1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99



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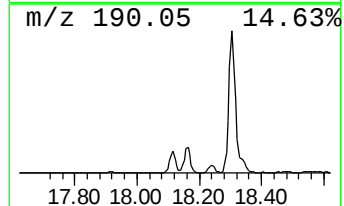
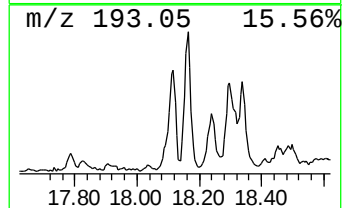
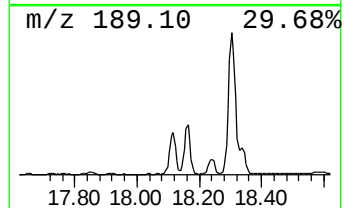
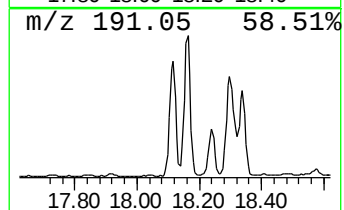
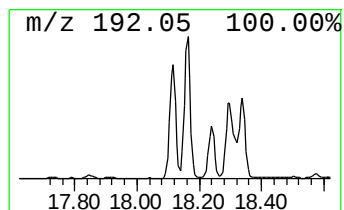
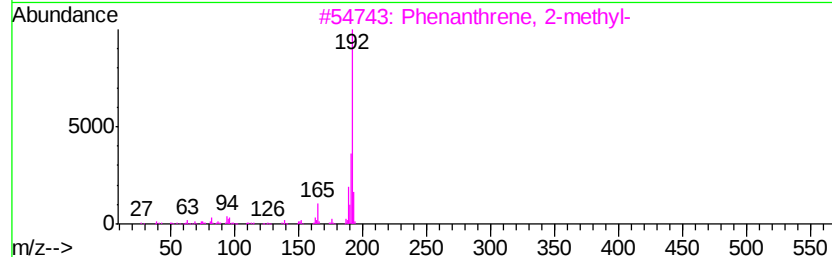
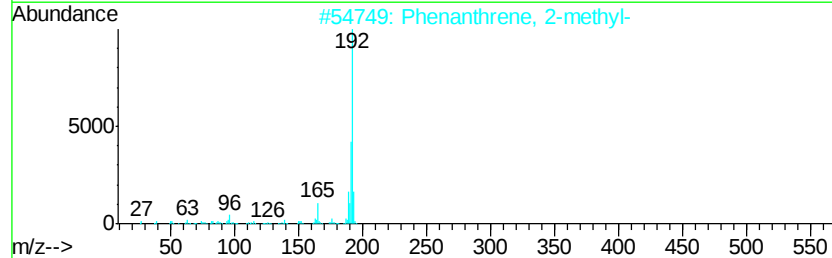
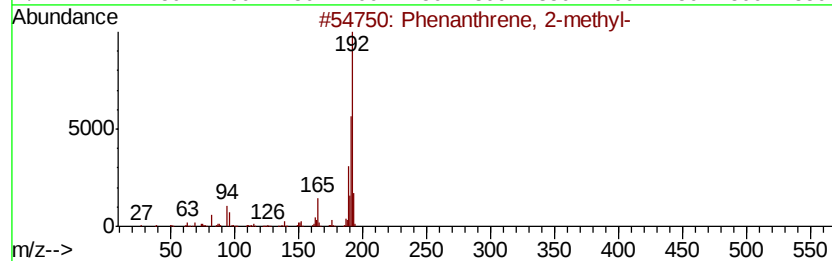
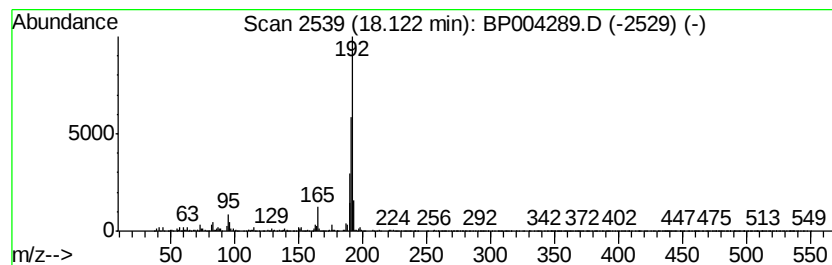
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.12	3.23 ng/ul	874123	Phenanthrene-d10	17.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



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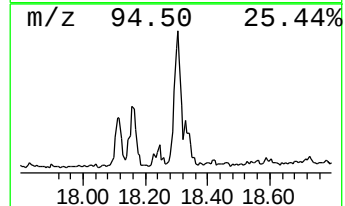
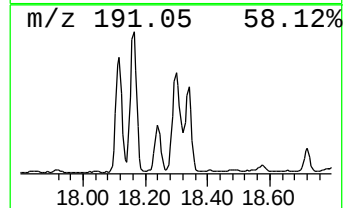
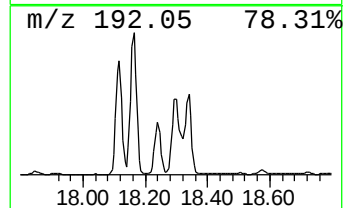
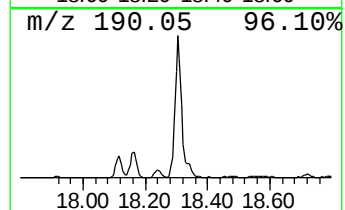
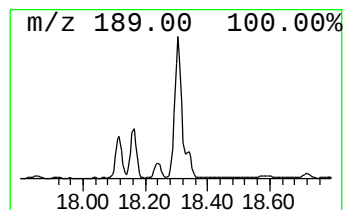
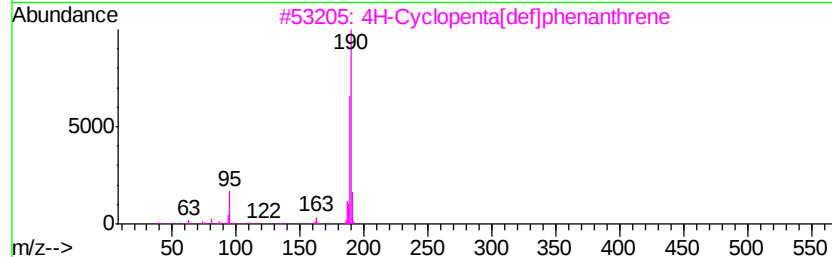
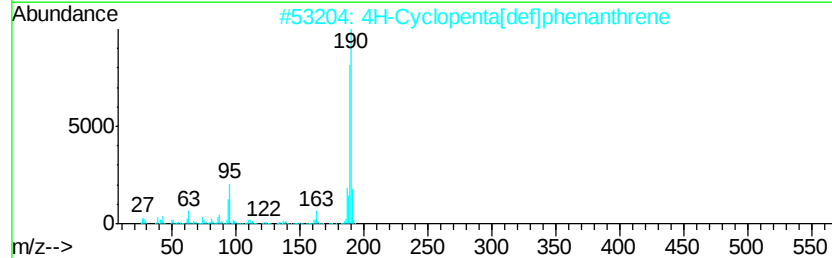
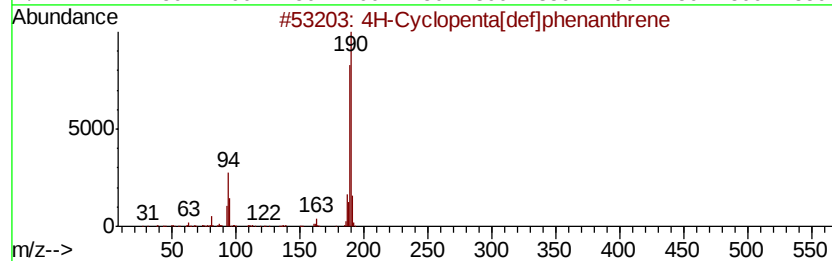
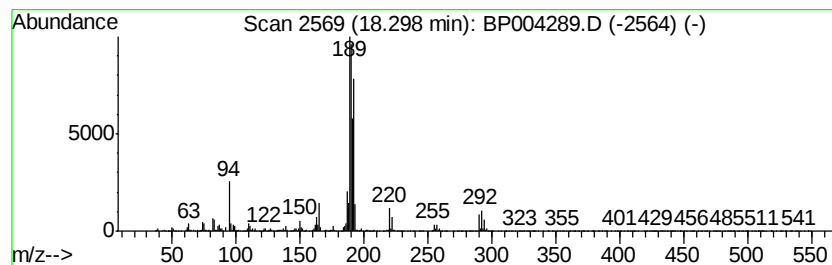
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Quant Title : SVOA CALIBRATION

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.
18.30	4.79 ng/ul	1295740	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38



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Data File : BP004289.D
Acq On : 15 Dec 2020 00:16
Operator : CG/JU
Sample : L5001-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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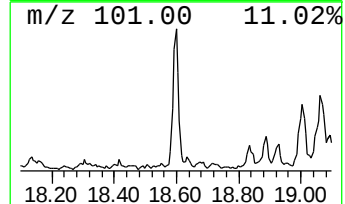
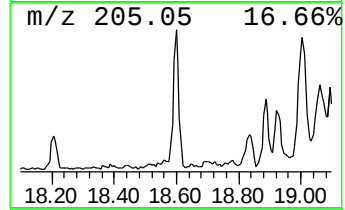
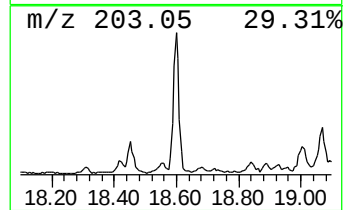
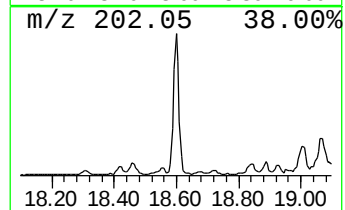
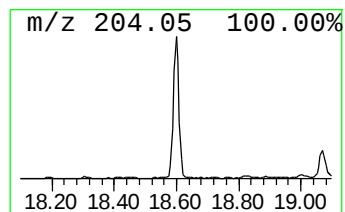
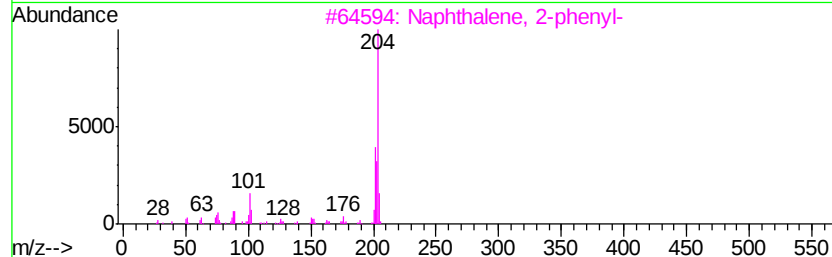
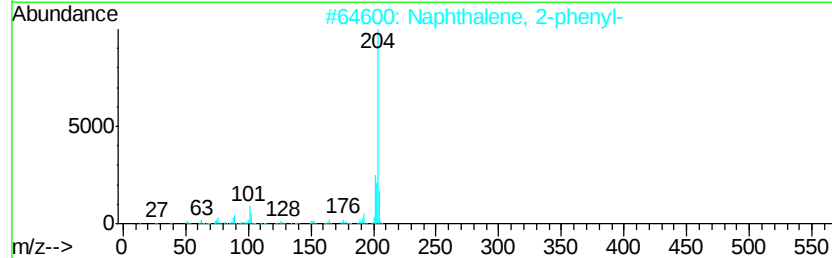
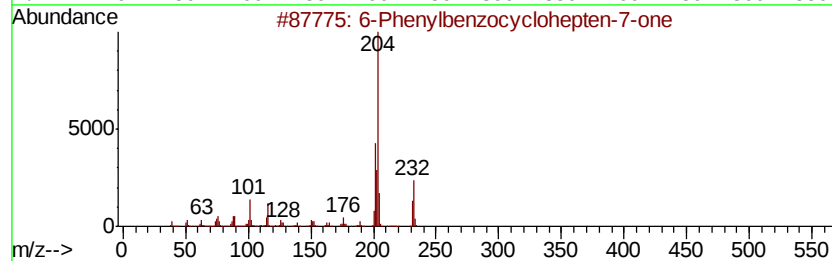
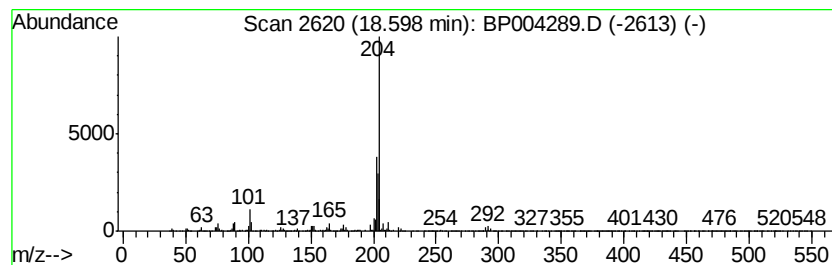
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 6-Phenylbenzocyclohepten-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.05 ng/ul	553986	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



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Data File : BP004289.D
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Misc :
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ClientSampleId :
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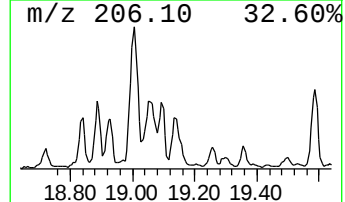
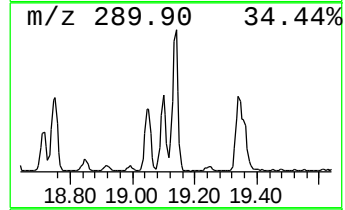
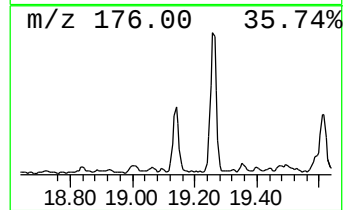
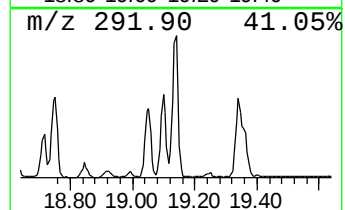
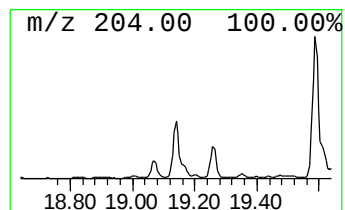
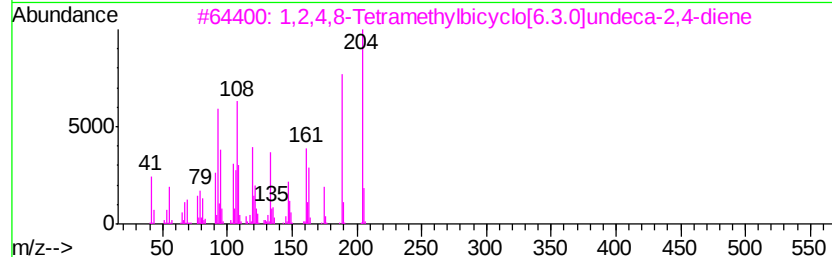
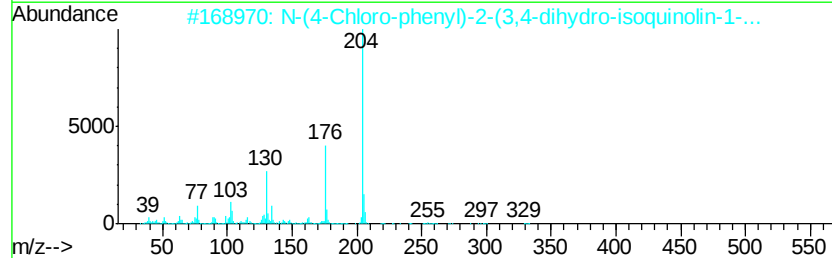
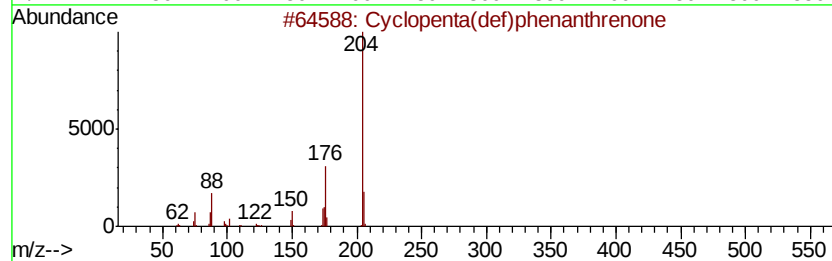
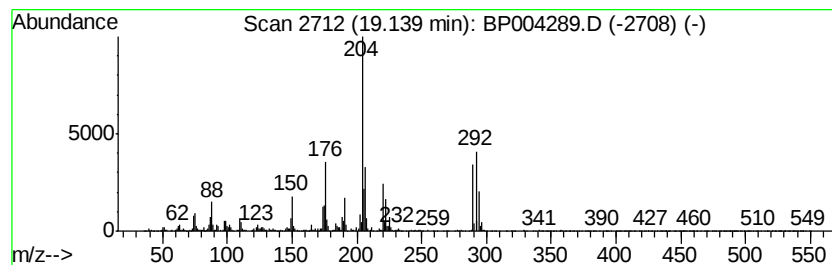
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.05 ng/ul	556223	Phenanthrene-d10	17.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38
3		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
4		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	35



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Misc :
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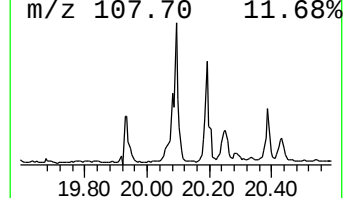
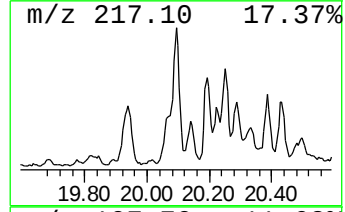
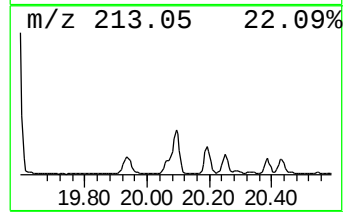
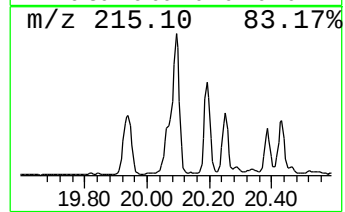
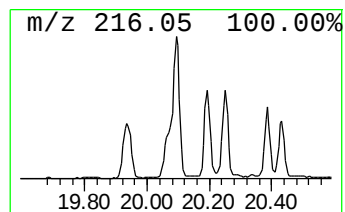
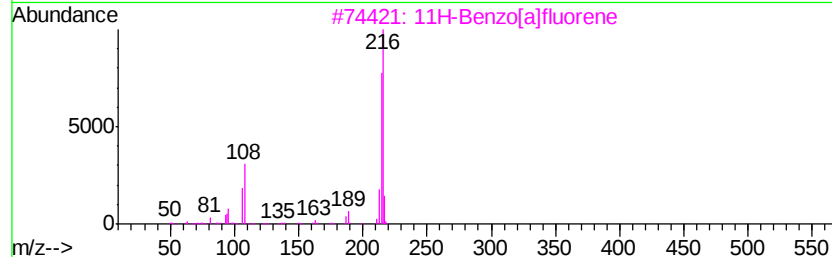
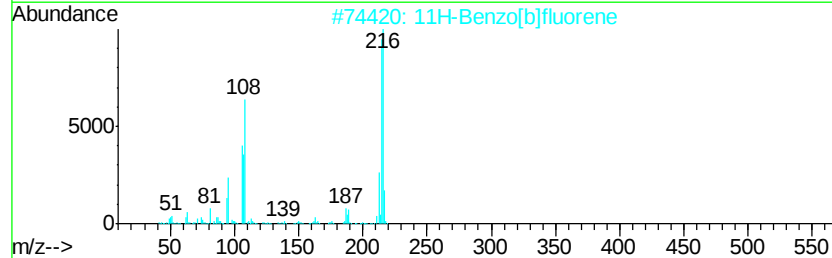
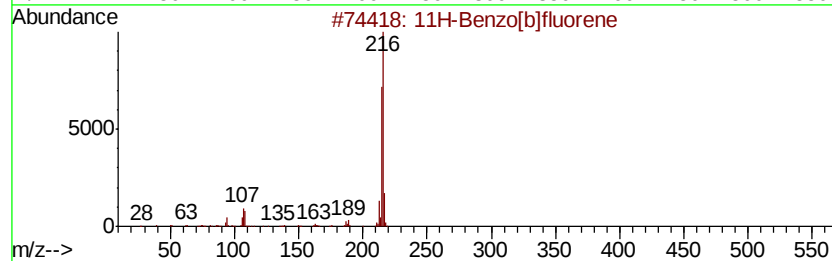
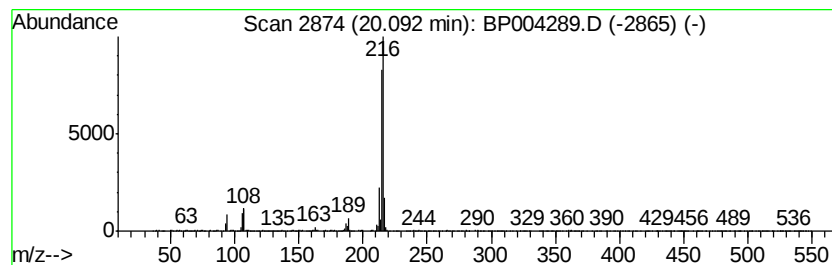
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.76 ng/ul	1346690	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96	
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94	
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93	
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93	
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90	



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Data File : BP004289.D
Acq On : 15 Dec 2020 00:16
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Misc :
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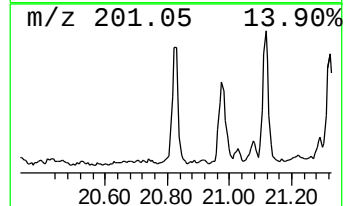
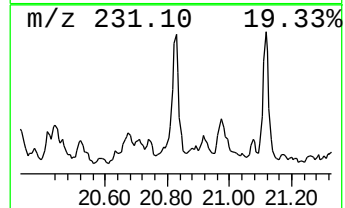
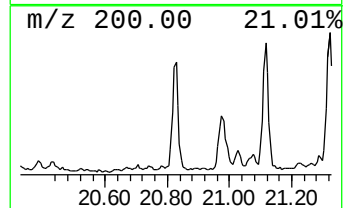
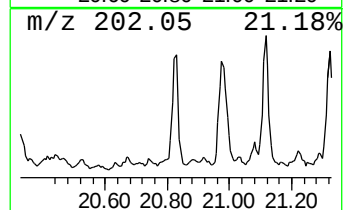
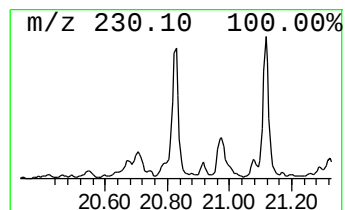
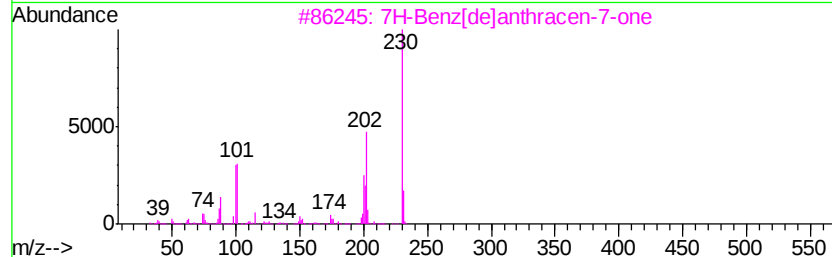
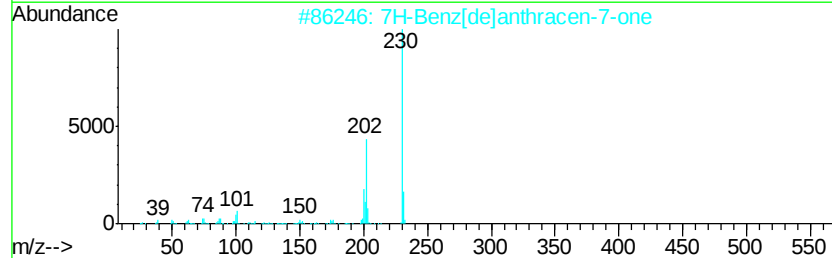
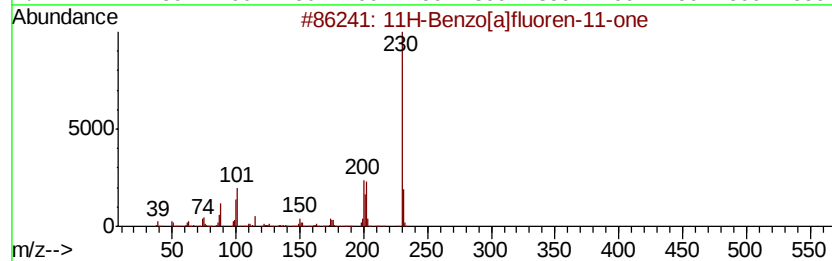
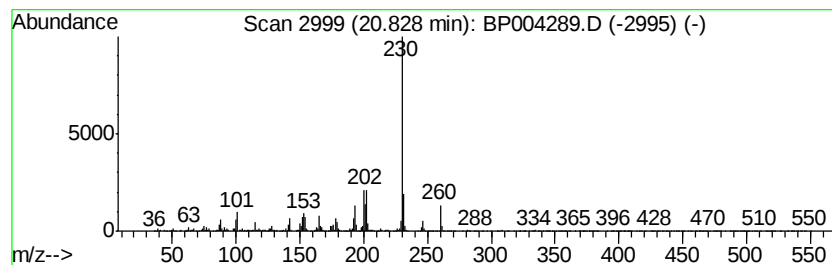
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.19 ng/ul	1067910	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
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Acq On : 15 Dec 2020 00:16
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Misc :
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ClientSampleId :
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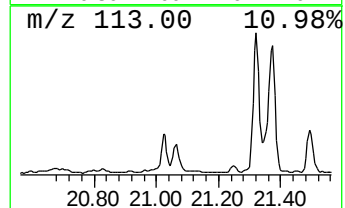
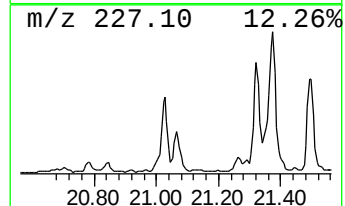
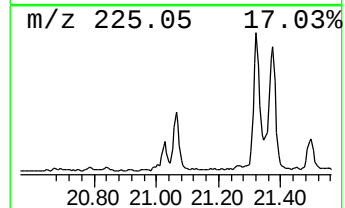
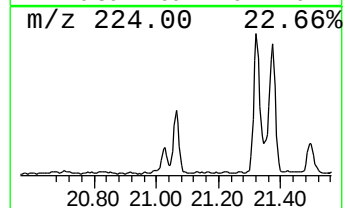
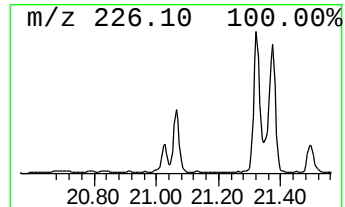
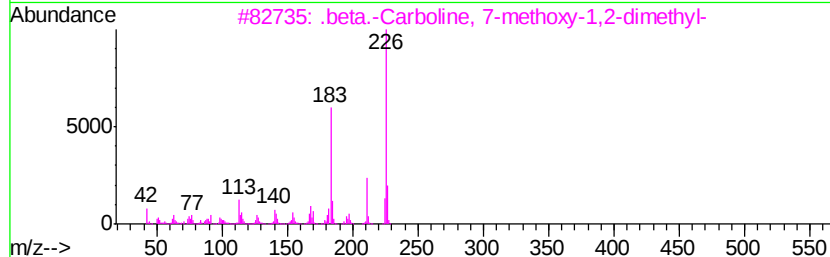
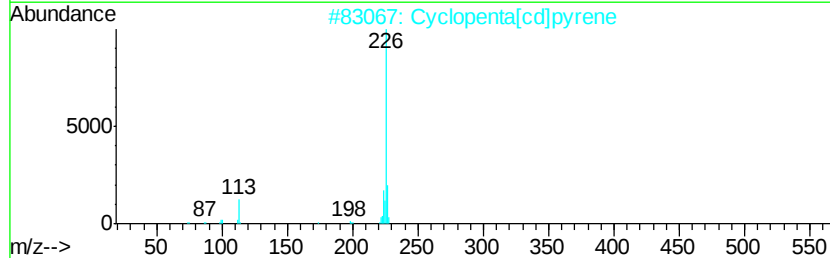
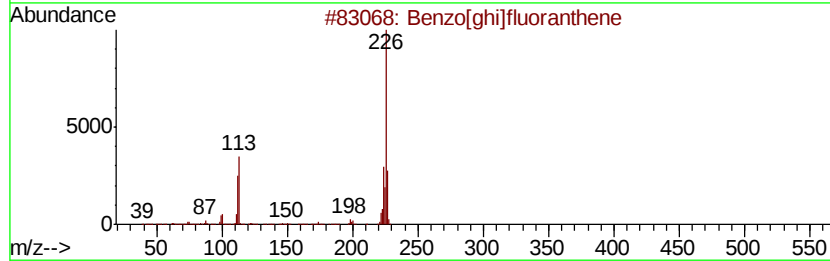
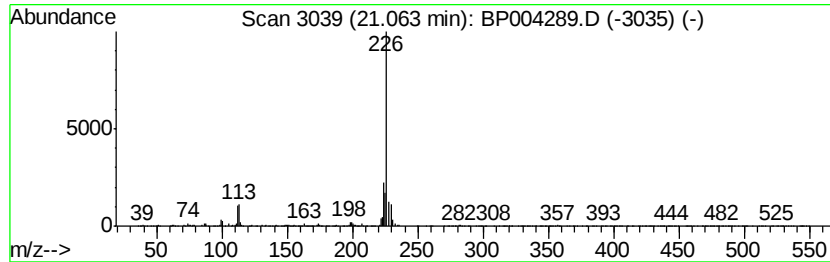
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[ghi]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.05 ng/ul	997604	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	68
2		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	33
4		Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	32
5		3-Chloro-.alpha.-di-n-heptylamin...	606	C39H59ClN2O	1000251-74-9	23



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Data File : BP004289.D
Acq On : 15 Dec 2020 00:16
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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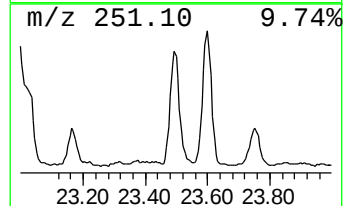
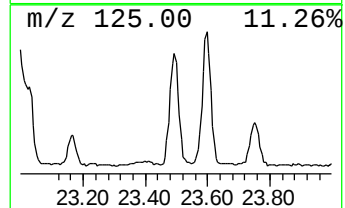
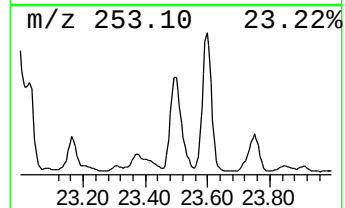
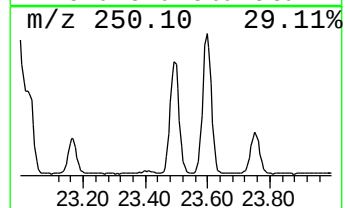
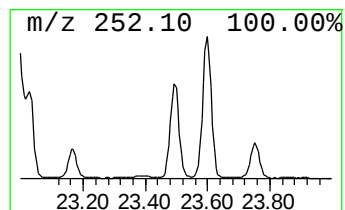
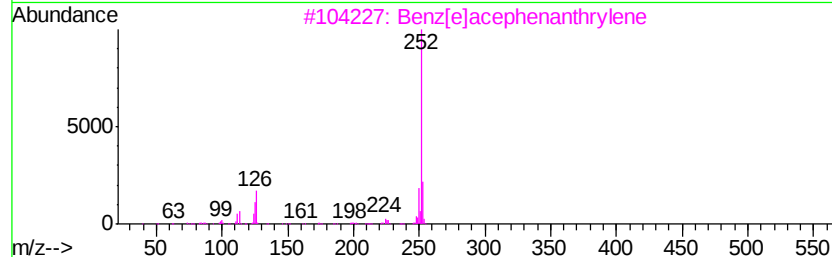
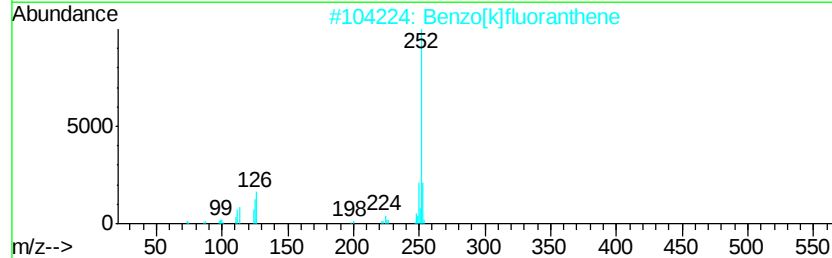
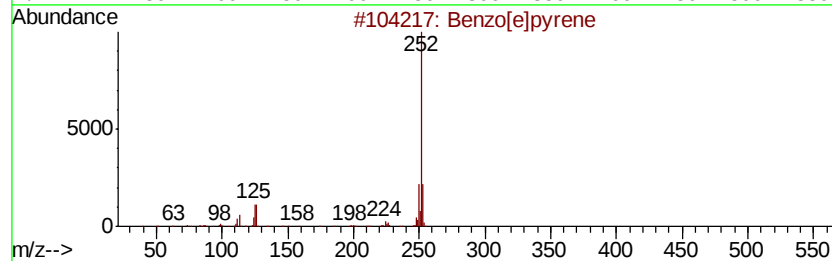
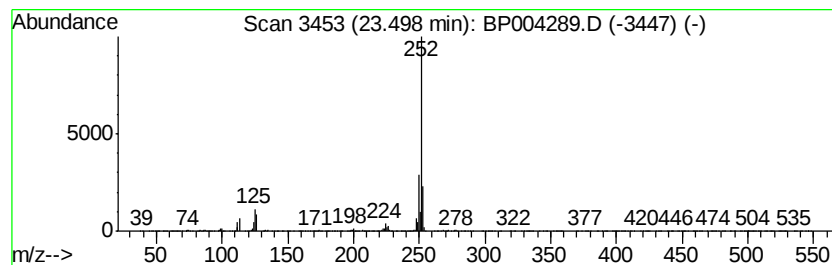
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	7.29 ng/ul	2008500	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
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ClientSampleId :
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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
1,1'-Biphenyl, 2'...	17.85	2.6	ng/ul	709890	4	17.25	5414810	20.0
Phenanthrene, 2-m...	18.12	3.2	ng/ul	874123	4	17.25	5414810	20.0
4H-Cyclopenta[def...	18.30	4.8	ng/ul	1295740	4	17.25	5414810	20.0
6-Phenylbenzocycl...	18.60	2.0	ng/ul	553986	4	17.25	5414810	20.0
Cyclopenta(def)ph...	19.14	2.0	ng/ul	556223	4	17.25	5414810	20.0
11H-Benzo[b]fluorene	20.09	2.8	ng/ul	1346690	5	21.34	9749260	20.0
11H-Benzo[a]fluor...	20.83	2.2	ng/ul	1067910	5	21.34	9749260	20.0
Benzo[ghi]fluoran...	21.06	2.0	ng/ul	997604	5	21.34	9749260	20.0
Benzo[e]pyrene	23.50	7.3	ng/ul	2008500	6	23.70	5511970	20.0