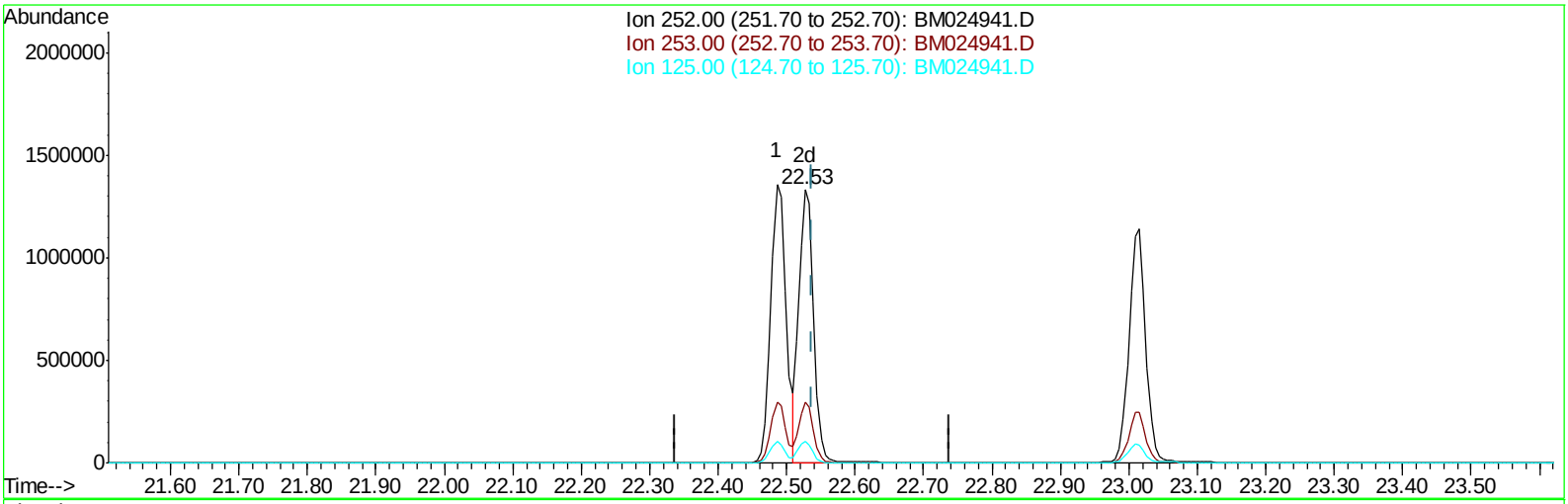
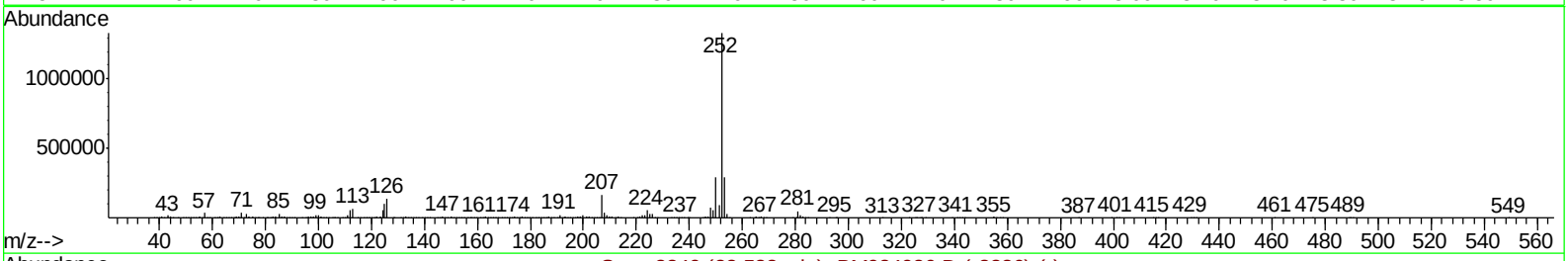
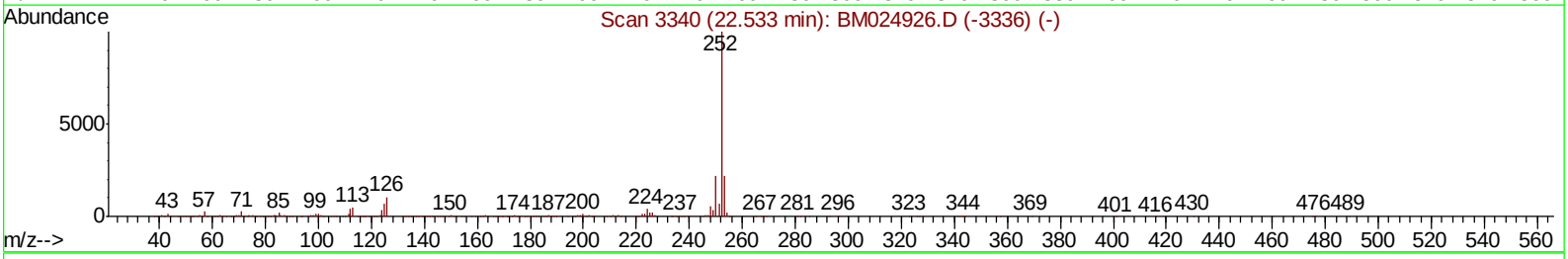
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024941.D
Acq On : 18 Feb 2020 21:37
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 19 03:44:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration







TIC: BM024941.D

(89) Benzo(k)fluoranthene

22.527min (-0.011) 20.35ng/ul m

response 1973954

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.09
125.00	6.40	7.88#
0.00	0.00	0.00

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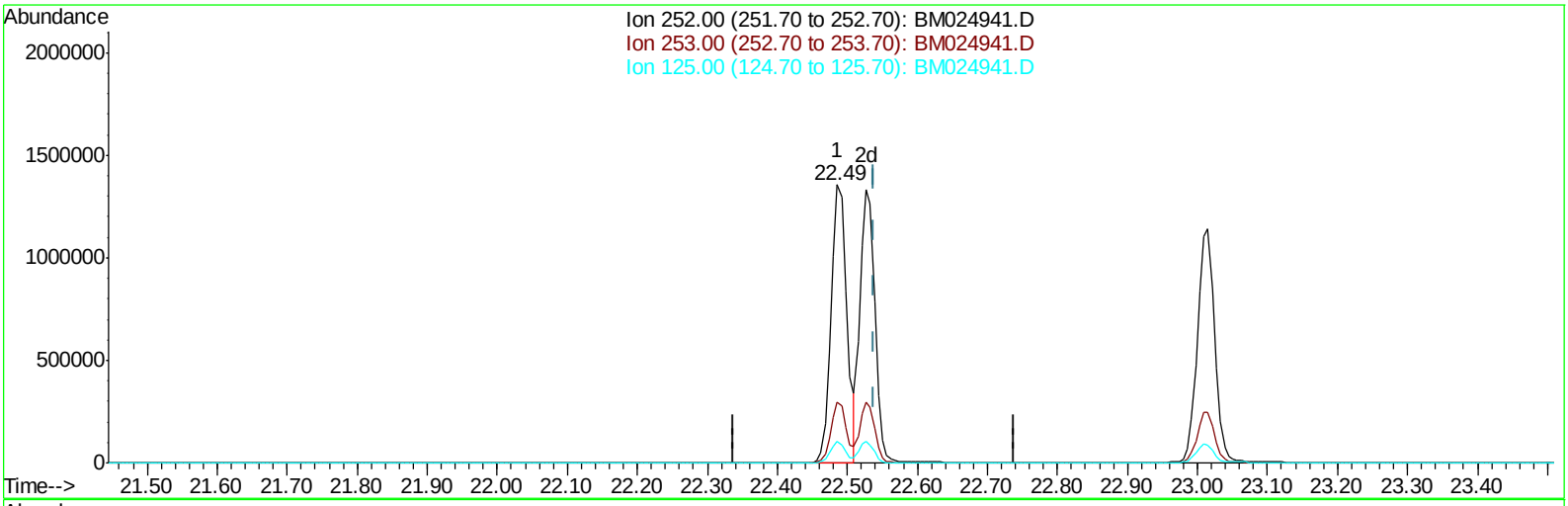

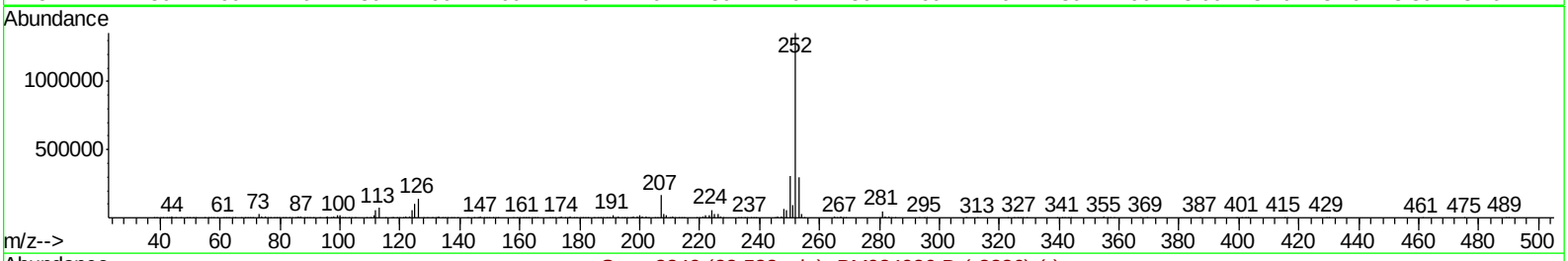

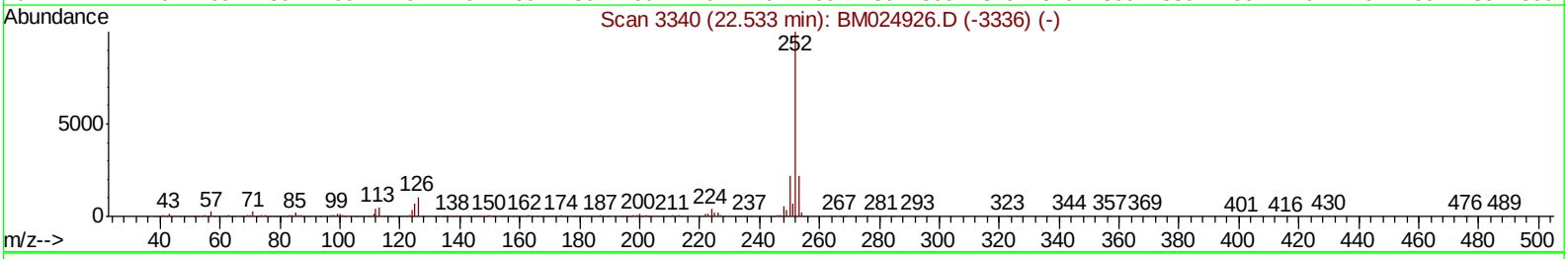

TIC: BM024941.D

(89) Benzo(k)fluoranthene

22.486min (-0.053) 21.94ng/ul

response 2128353

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.93
125.00	6.40	7.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM024941.D
Acq On : 18 Feb 2020 21:37
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 19 05:41:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	313202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1145993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	708454	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1491242	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1433519	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1585186	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	62737	9.63	ng/uL	0.00
5) Phenol-d5	6.59	99	456651	21.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	271027	23.06	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	386209	20.72	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	351041	19.99	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	177925	21.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.24	143	206846	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	398860	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	422902	22.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1053892	19.71	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1248696	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	159731	18.38	ng/ul	0.00
58) Fluorene-d10	15.04	176	922240	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	168549	17.34	ng/ul	0.00
71) Anthracene-d10	16.89	188	1373677	20.18	ng/ul	0.00
79) Pyrene-d10	19.20	212	1532598	21.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1647989	20.70	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	64210	9.351	ng/uL#	86
4) Benzaldehyde	6.55	77	196410	14.353	ng/ul	97
6) Phenol	6.62	94	495052	22.605	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.83	93	390825	22.100	ng/ul	100
10) 2-Chlorophenol	6.96	128	410879	21.620	ng/ul	97
11) 2-Methylphenol	7.84	108	362701	21.337	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.92	45	199794	14.366	ng/ul#	73
14) Acetophenone	8.20	105	583351	21.085	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.19	70	276743	21.164	ng/ul#	84
16) 4-Methylphenol	8.16	108	381273	20.774	ng/ul	99
17) Hexachloroethane	8.45	117	177994	20.771	ng/ul	92
20) Nitrobenzene	8.56	77	451771	22.961	ng/ul	93
21) Isophorone	9.09	82	801648	22.467	ng/ul	94
23) 2-Nitrophenol	9.27	139	223644	21.221	ng/ul	94
24) 2,4-Dimethylphenol	9.35	107	421758	21.421	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.58	93	500691	22.371	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	400203	20.515	ng/ul	98
28) Naphthalene	10.19	128	1216411	20.774	ng/ul	100
30) 4-Chloroaniline	10.30	127	444168	24.085	ng/ul	98
31) Hexachlorobutadiene	10.49	225	308929	19.065	ng/ul	98
32) Caprolactam	11.07	113	93647	18.313	ng/ul	84
33) 4-Chloro-3-methylphenol	11.45	107	369212	20.398	ng/ul	95
34) 2-Methylnaphthalene	11.81	142	881547	20.439	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	832944	19.364 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	537957	21.473 ng/ul	96
38) Hexachlorocyclopentadiene	12.18	237	287409	16.268 ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	329025	21.337 ng/ul	99
40) 2,4,5-Trichlorophenol	12.52	196	341167	21.167 ng/ul	99
41) 1,1'-Biphenyl	12.86	154	1132094	21.646 ng/ul#	97
42) 2-Chloronaphthalene	12.89	162	898961	21.052 ng/ul	99
43) 2-Nitroaniline	13.10	65	210147	23.339 ng/ul	93
45) Dimethylphthalate	13.51	163	1077036	19.306 ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	225146	19.958 ng/ul	95
48) Acenaphthylene	13.75	152	1306842	20.202 ng/ul	98
49) 3-Nitroaniline	13.95	138	191774	22.569 ng/ul	84
50) Acenaphthene	14.10	153	904864	20.712 ng/ul	98
51) 2,4-Dinitrophenol	14.16	184	160658	23.377 ng/ul	95
53) 4-Nitrophenol	14.27	109	127123	17.912 ng/ul	89
54) Dibenzofuran	14.44	168	1334691	20.495 ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	310696	19.298 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.68	232	305572	19.402 ng/ul	97
57) Diethylphthalate	14.89	149	1034779	18.746 ng/ul	99
59) Fluorene	15.10	166	1043944	19.451 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	586463	18.978 ng/ul	96
61) 4-Nitroaniline	15.12	138	200509	19.055 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.19	198	187503	18.022 ng/ul	96
65) N-Nitrosodiphenylamine	15.32	169	913089	21.920 ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	382485	20.469 ng/ul	96
67) Hexachlorobenzene	16.10	284	438841	19.872 ng/ul	98
68) Atrazine	16.29	200	334012	18.662 ng/ul	99
69) Pentachlorophenol	16.45	266	251004	18.995 ng/ul	98
70) Phenanthrene	16.83	178	1638910	20.156 ng/ul	99
72) Anthracene	16.92	178	1656413	20.087 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	528970	21.602 ng/uL	97
74) Pentachlorobenzene	14.36	250	522091	20.091 ng/uL	99
75) Carbazole	17.20	167	1420383	20.676 ng/ul	100
76) Di-n-butylphthalate	17.79	149	1670215	19.108 ng/ul	100
77) Fluoranthene	18.86	202	1922962	19.265 ng/ul#	95
80) Pyrene	19.23	202	1984581	20.915 ng/ul#	95
81) Butylbenzylphthalate	20.17	149	740320	20.858 ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	628796	18.765 ng/ul	99
83) Benzo(a)anthracene	20.99	228	2022274	20.943 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	1072175	19.084 ng/ul	99
85) Chrysene	21.04	228	1900758	19.994 ng/ul	100
87) Di-n-octyl phthalate	21.82	149	1788195	18.877 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2128353	21.115 ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	1973954m	20.346 ng/ul	
91) Benzo(a)pyrene	23.02	252	1957020	21.656 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	2317807	20.602 ng/ul	97
93) Dibenzo(a,h)anthracene	25.16	278	1956866	20.414 ng/ul	98
94) Benzo(g,h,i)perylene	25.76	276	1943996	20.775 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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