Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092321\
Data File : BN016414.D
Acq On : 22 Sep 2021 17:55
Operator : CG/JU
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 23 02:00:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN092321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 23 01:47:54 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020217

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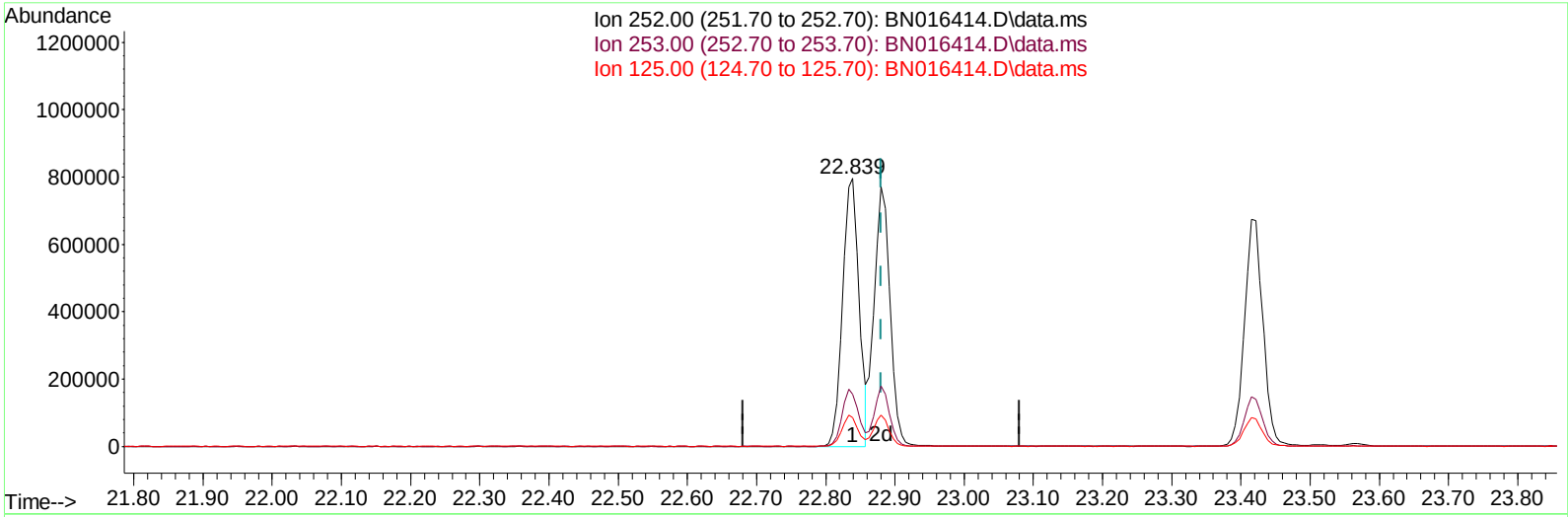

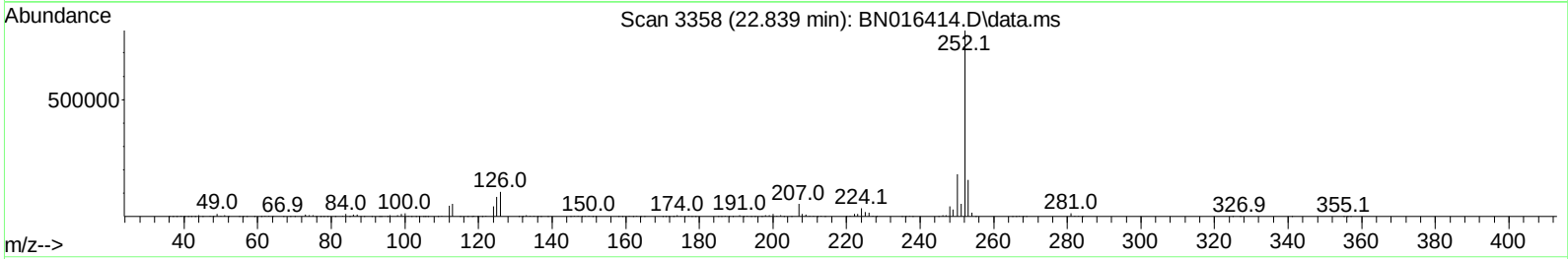

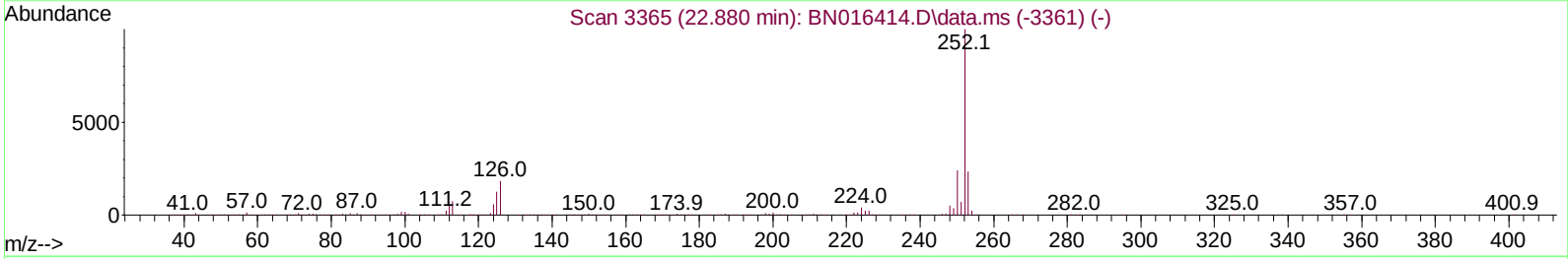

TIC: BN016414.D\data.ms

(91) Benzo(k)fluoranthene

22.839min (-0.041) 21.36 ng/ul

response 1308937

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	19.54
125.00	9.70	10.66
0.00	0.00	0.00

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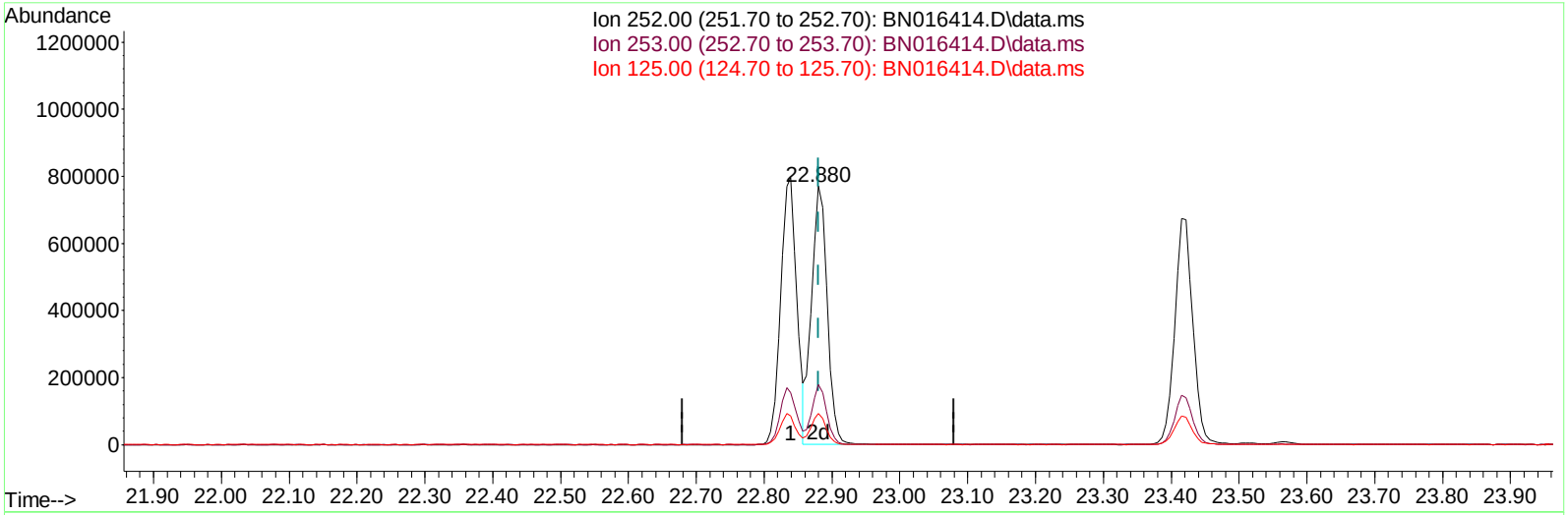

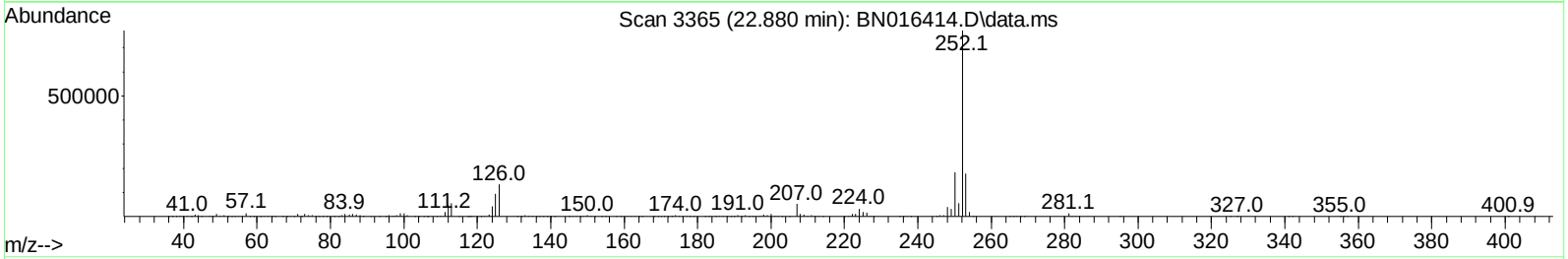

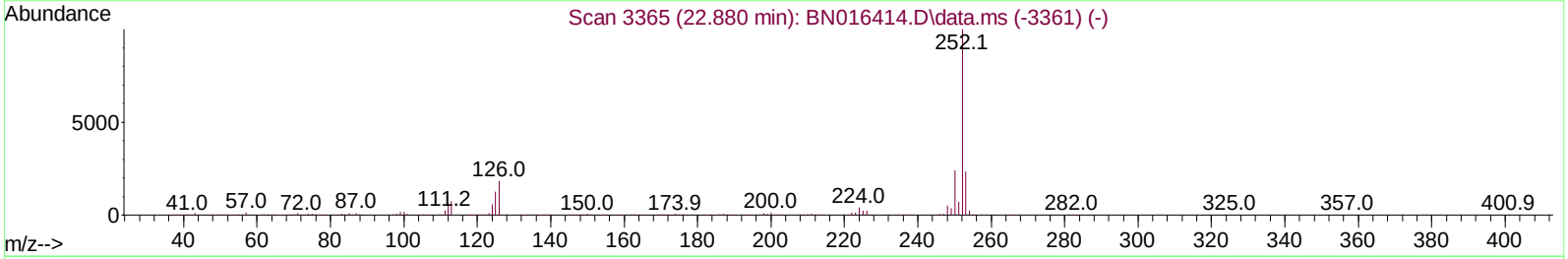

TIC: BN016414.D\data.ms

(91) Benzo(k)fluoranthene

22.880min (0.000) 20.25 ng/ul m

response 1240836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.12
125.00	9.70	12.10#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	207840	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	914046	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	560340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1113973	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1112862	20.000	ng/ul	0.00
88) Perylene-d12	23.516	264	1126806	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	38605	9.692	ng/uL	0.00
4) Pyridine-d5	3.599	84	257044	22.142	ng/ul	0.00
7) Phenol-d5	6.834	99	313908	20.017	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	189145	22.622	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	257435	19.368	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	246252	19.480	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	114665	17.193	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	113210	15.154	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	239559	17.572	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	355150	18.991	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	700656	19.476	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	920576	19.533	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	125974	18.174	ng/ul	0.00
60) Fluorene-d10	15.292	176	619009	19.519	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	90529	14.898	ng/ul	0.00
73) Anthracene-d10	17.145	188	945252	19.549	ng/ul	0.00
81) Pyrene-d10	19.451	212	1030909	19.537	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.368	264	1054360	19.111	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	41426	9.237	ng/uL	94
5) Pyridine	3.617	79	264017	22.881	ng/ul	93
6) Benzaldehyde	6.805	77	198232	21.092	ng/ul	95
8) Phenol	6.858	94	328010	20.529	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.093	93	260829	21.516	ng/ul	98
12) 2-Chlorophenol	7.222	128	265880	19.897	ng/ul	97
13) 2-Methylphenol	8.099	108	241805	19.579	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	361255	22.564	ng/ul	100
16) Acetophenone	8.475	105	398800	20.749	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.463	70	189735	21.308	ng/ul	97
18) 4-Methylphenol	8.428	108	265057	19.851	ng/ul	99
19) Hexachloroethane	8.722	117	104780	19.856	ng/ul	94
22) Nitrobenzene	8.846	77	276039	20.309	ng/ul	95
23) Isophorone	9.369	82	518064	19.617	ng/ul	97
25) 2-Nitrophenol	9.552	139	131466	16.487	ng/ul	96
26) 2,4-Dimethylphenol	9.622	107	287594	19.355	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.863	93	345465	20.664	ng/ul	97
29) 2,4-Dichlorophenol	10.081	162	240181	17.919	ng/ul	98
30) Naphthalene	10.481	128	877266	19.667	ng/ul	100
32) 4-Chloroaniline	10.599	127	369455	19.428	ng/ul	100
33) Hexachlorobutadiene	10.769	225	149999	16.780	ng/ul	94
34) Caprolactam	11.351	113	70031	15.370	ng/ul	93
35) 4-Chloro-3-methylphenol	11.728	107	254508	18.361	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.098	142	585413	19.245	ng/ul	98
37) 1-Methylnaphthalene	12.322	142	594775	19.127	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	293668	18.658	ng/ul	98
40) Hexachlorocyclopentadiene	12.451	237	169180	18.746	ng/ul	95
41) 2,4,6-Trichlorophenol	12.716	196	179521	17.797	ng/ul	96
42) 2,4,5-Trichlorophenol	12.787	196	200549	18.376	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	773107	20.437	ng/ul	97
44) 2-Chloronaphthalene	13.163	162	592754	19.767	ng/ul	98
45) 2-Nitroaniline	13.375	65	139939	18.357	ng/ul	92
47) Dimethylphthalate	13.763	163	719714	20.008	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	128900	16.892	ng/ul#	84
50) Acenaphthylene	14.016	152	968916	19.901	ng/ul	98
51) 3-Nitroaniline	14.210	138	144774	17.140	ng/ul	94
52) Acenaphthene	14.357	153	622231	20.026	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	56632	13.858	ng/ul	93
55) 4-Nitrophenol	14.516	109	94022	20.290	ng/ul	91
56) Dibenzofuran	14.698	168	889633	19.813	ng/ul	96
57) 2,4-Dinitrotoluene	14.669	165	185242	16.844	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.928	232	153061	17.109	ng/ul#	89
59) Diethylphthalate	15.139	149	719164	20.213	ng/ul	98
61) Fluorene	15.351	166	721960	19.923	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	342258	18.582	ng/ul	95
63) 4-Nitroaniline	15.375	138	148904	16.949	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.428	198	94284	16.417	ng/ul	94
67) N-Nitrosodiphenylamine	15.569	169	614099	20.276	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	202796	18.696	ng/ul	97
69) Hexachlorobenzene	16.351	284	238753	18.907	ng/ul	98
70) Atrazine	16.528	200	206530	18.177	ng/ul	96
71) Pentachlorophenol	16.698	266	122647	19.040	ng/ul	94
72) Phenanthrene	17.092	178	1130399	20.269	ng/ul	99
74) Anthracene	17.181	178	1148027	20.028	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	304467	19.361	ng/uL	95
76) Pentachlorobenzene	14.616	250	292802	18.819	ng/uL	97
77) Carbazole	17.457	167	1016041	19.937	ng/ul	99
78) Di-n-butylphthalate	18.039	149	1158174	19.425	ng/ul	99
80) Fluoranthene	19.116	202	1282467	19.766	ng/ul	97
82) Pyrene	19.480	202	1340002	20.049	ng/ul	97
83) Butylbenzylphthalate	20.410	149	458587	17.114	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	416697	18.566	ng/ul#	97
85) Benzo(a)anthracene	21.239	228	1272208	19.093	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.192	149	750120	19.173	ng/ul#	94
87) Chrysene	21.292	228	1238561	19.071	ng/ul	97
89) Di-n-octyl phthalate	22.086	149	1145887	16.872	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	1308937	19.628	ng/ul	96
91) Benzo(k)fluoranthene	22.880	252	1240836m	20.250	ng/ul	
93) Benzo(a)pyrene	23.416	252	1253312	19.450	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.515	276	1198340	16.513	ng/ul	99
95) Dibenzo(a,h)anthracene	25.839	278	1236075	19.788	ng/ul	95
96) Benzo(g,h,i)perylene	26.515	276	1198340	19.482	ng/ul	97

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

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