Quantitation Report (Qedit)

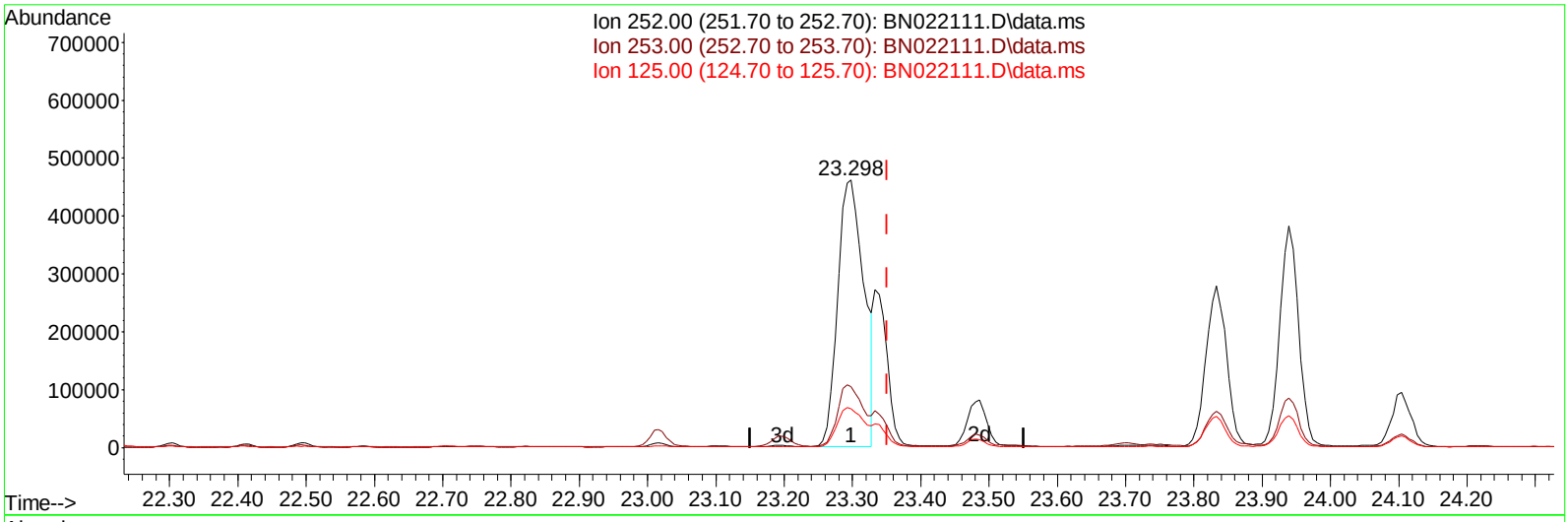
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022111.D
Acq On : 14 Oct 2022 06:09
Operator : CG/JU
Sample : N5049-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

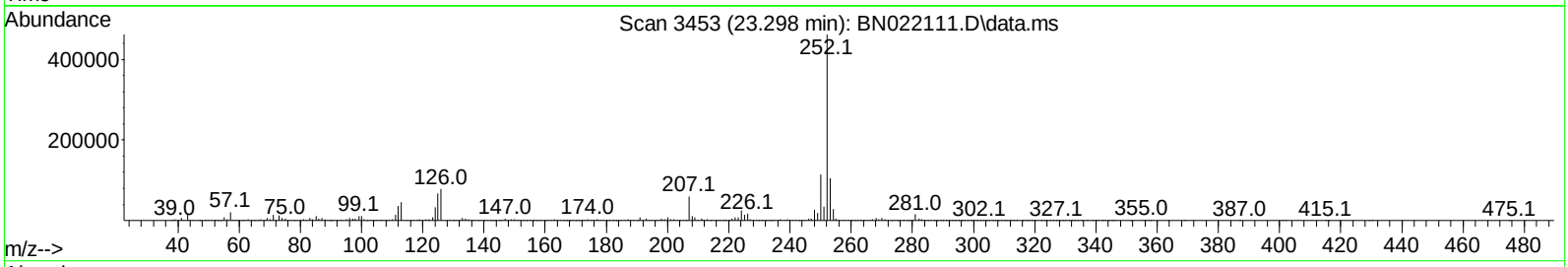
Quant Time: Oct 14 06:42:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

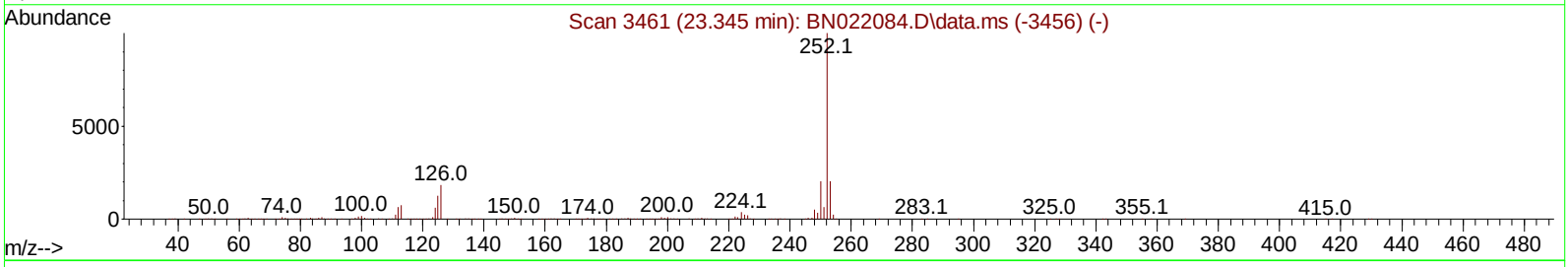
Instrument :
BNA_N
ClientSampleId :
C0BG6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BN022111.D\data.ms

(91) Benzo(k)fluoranthene

23.298min (-0.053) 18.13 ng/ul

response 1225509

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.72
125.00	13.20	14.61
0.00	0.00	0.00

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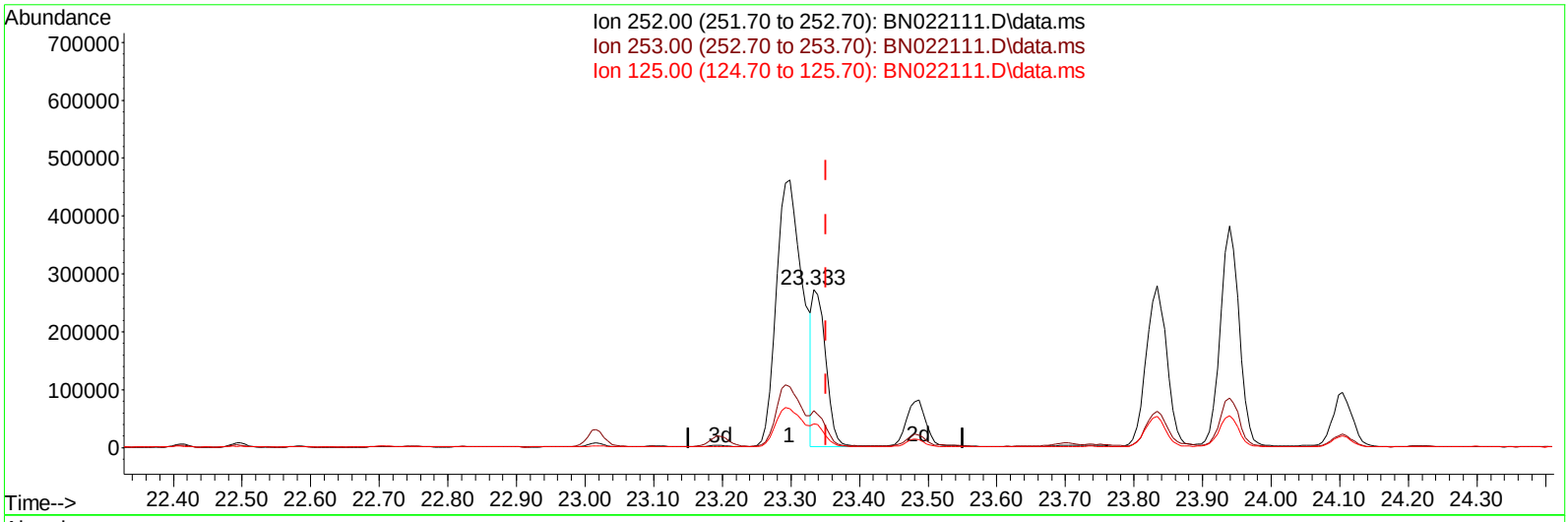

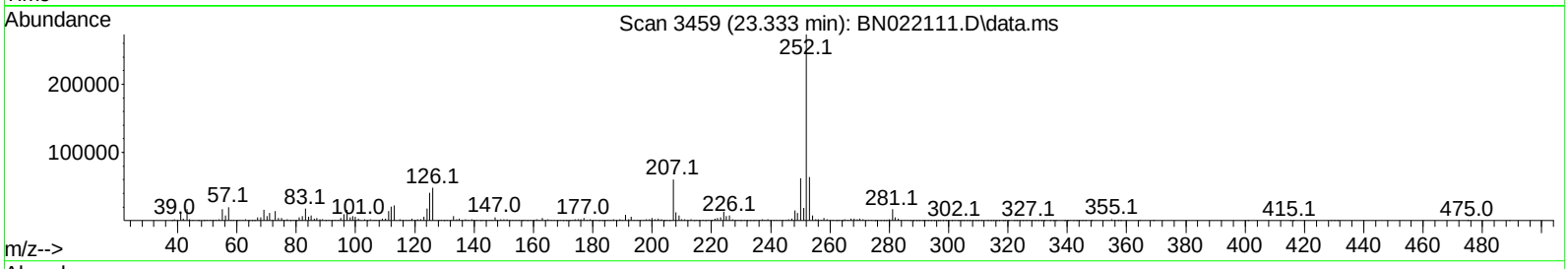

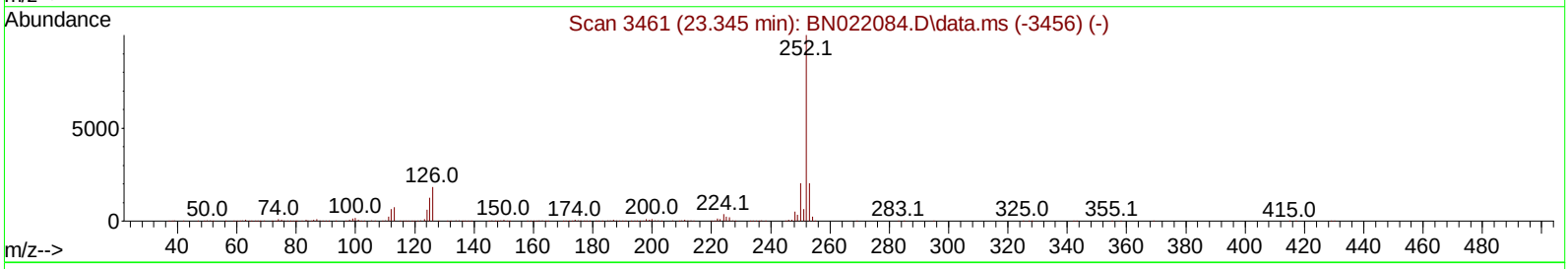

TIC: BN022111.D\data.ms

(91) Benzo(k)fluoranthene

23.333min (-0.018) 5.49 ng/ul m

response 371323

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.46
125.00	13.20	14.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	183752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	882906	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	555794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1135601	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1065198	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	1084789	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22827	4.708	ng/uL	0.00
4) Pyridine-d5	3.699	84	109393	7.254	ng/ul	0.00
7) Phenol-d5	7.111	99	441171	24.559	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	302263	26.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	347033	27.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	322369	22.584	ng/ul	-0.01
21) Nitrobenzene-d5	9.134	128	185383	28.635	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	203201	30.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	334870	26.885	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	413623	20.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	1089849	28.130	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1270212	29.359	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	141330	17.090	ng/ul	0.00
60) Fluorene-d10	15.622	176	959846	29.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	141015	21.767	ng/ul	0.00
73) Anthracene-d10	17.481	188	1456708	29.518	ng/ul	0.00
81) Pyrene-d10	19.786	212	1627494	30.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1573363	29.574	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.793	105	30796	1.350	ng/ul	99
30) Naphthalene	10.834	128	173966	3.678	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	142397	4.360	ng/ul	97
37) 1-Methylnaphthalene	12.669	142	118310	3.617	ng/ul	95
50) Acenaphthylene	14.351	152	86474	1.750	ng/ul#	95
56) Dibenzofuran	15.028	168	67211	1.406	ng/ul	98
72) Phenanthrene	17.428	178	779499	12.725	ng/ul	99
74) Anthracene	17.516	178	177272	2.913	ng/ul	98
77) Carbazole	17.792	167	114874	2.041	ng/ul	99
80) Fluoranthene	19.445	202	1686229	25.329	ng/ul	96
82) Pyrene	19.810	202	1411085	20.260	ng/ul	99
85) Benzo(a)anthracene	21.569	228	864073	12.695	ng/ul#	96
87) Chrysene	21.622	228	955154	14.603	ng/ul	97
90) Benzo(b)fluoranthene	23.298	252	1225509	17.912	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	371323m	5.493	ng/ul	
93) Benzo(a)pyrene	23.939	252	736544	12.045	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.633	276	500558	6.549	ng/ul	93
95) Dibenzo(a,h)anthracene	26.645	278	138850	2.031	ng/ul#	76
96) Benzo(g,h,i)perylene	27.439	276	399485	5.810	ng/ul	98

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

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