

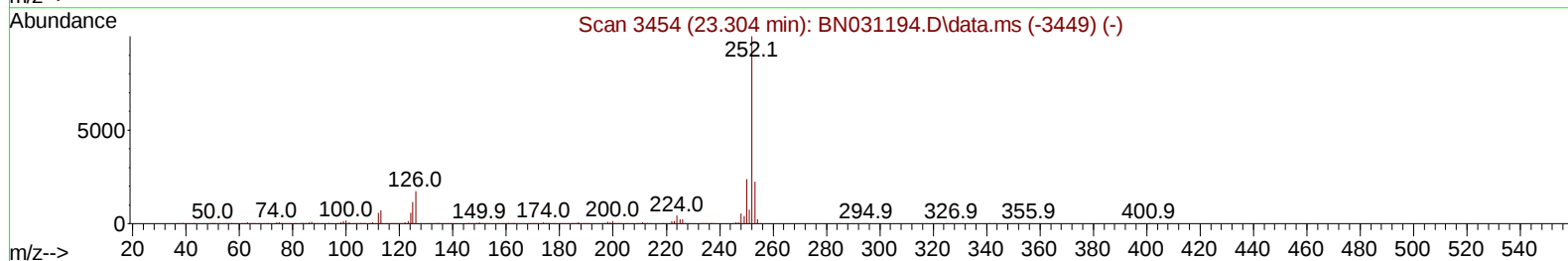
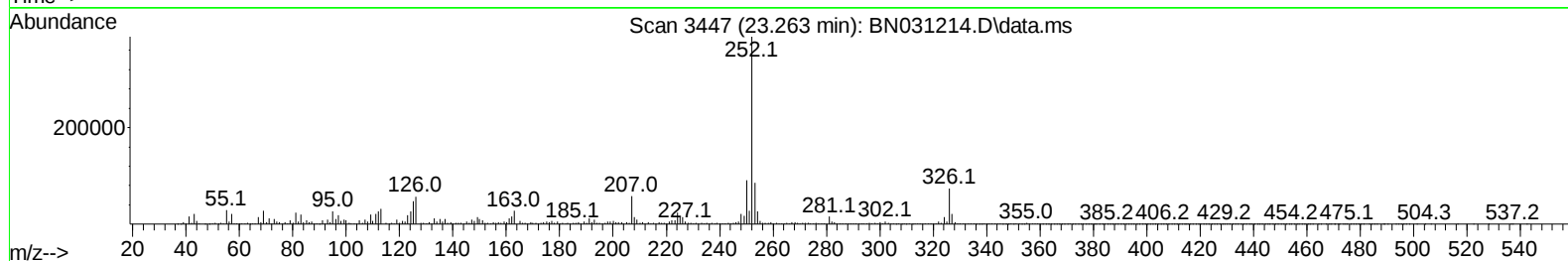
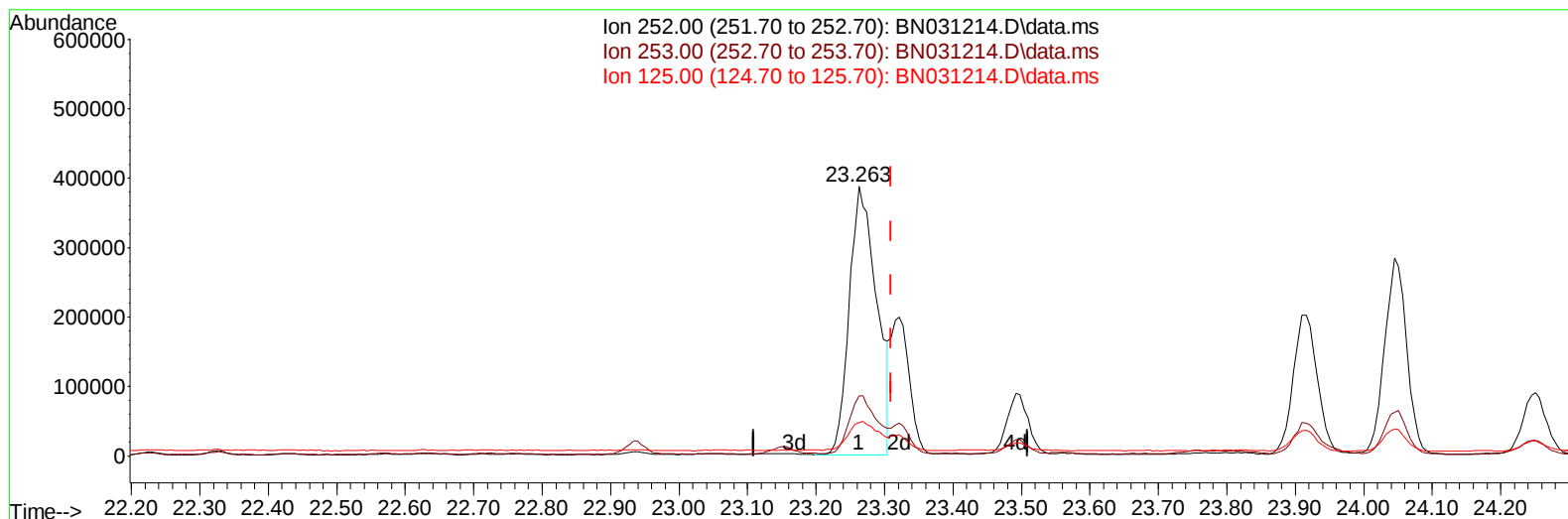
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031214.D
 Acq On : 25 Apr 2024 08:45
 Operator : MA/JU
 Sample : P2104-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual IntegrationsAPPROVED

Quant Time: Apr 25 09:14:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BN031214.D\data.ms

(91) Benzo(k)fluoranthene

23.263min (-0.047) 12.92 ng/u1

response 1075913

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.19
125.00	11.80	12.41
0.00	0.00	0.00

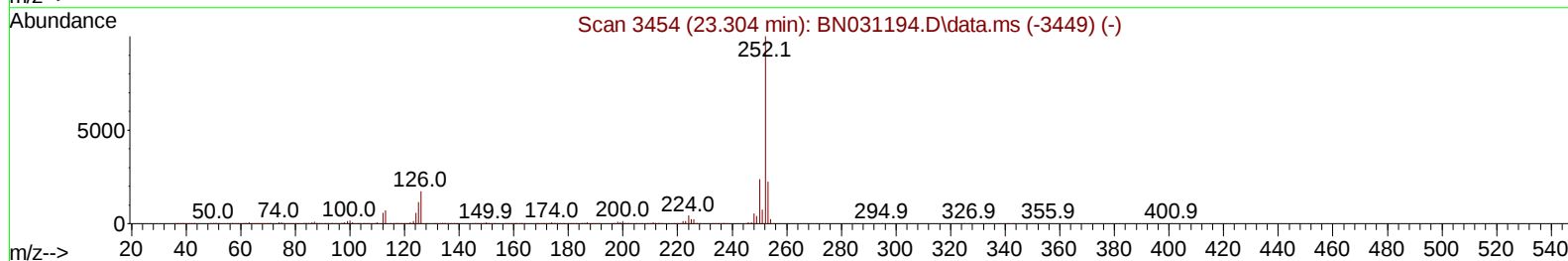
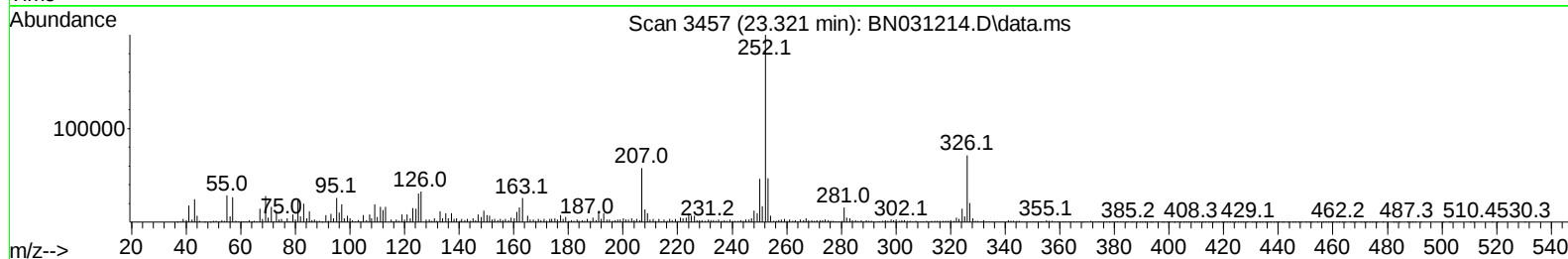
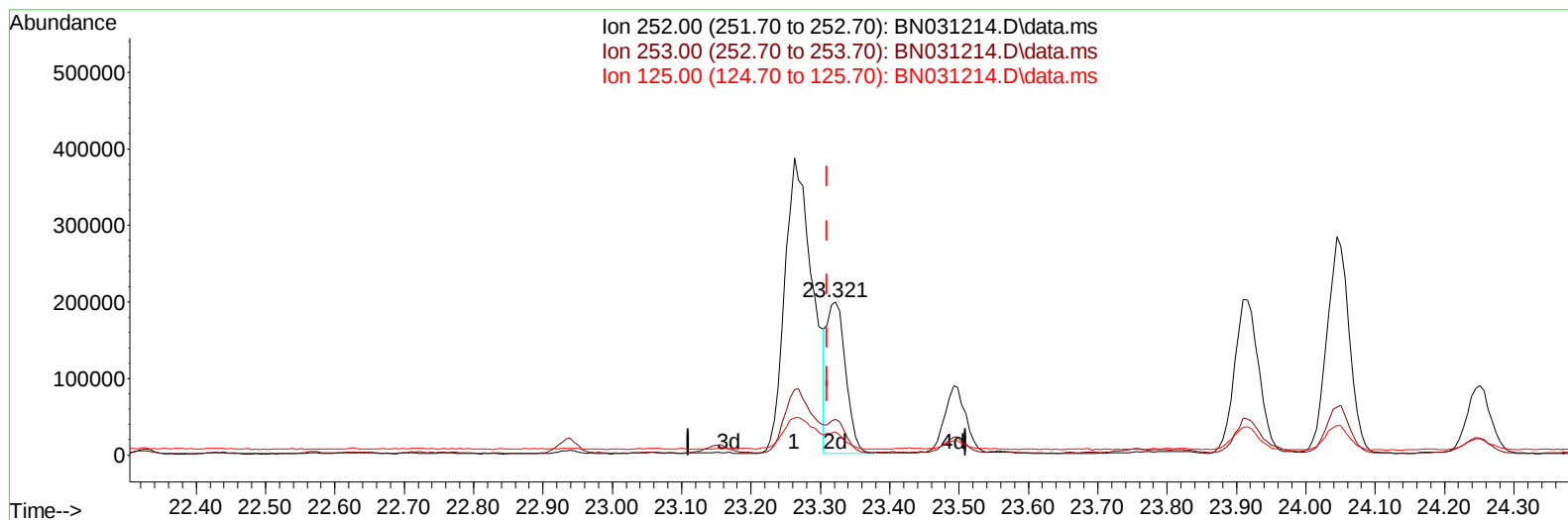
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TIC: BN031214.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (+ 0.012) 4.46 ng/u1 m

response 371052

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.58
125.00	11.80	15.32#
0.00	0.00	0.00

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Quant Time: Apr 25 09:15:41 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152		296851	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136		1333822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164		845094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188		1769185	20.000	ng/ul	0.00
79) Chrysene-d12	21.275	240		1388521	20.000	ng/ul	0.00
88) Perylene-d12	24.186	264		1471492	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.146	96		21000	3.305	ng/uL	0.00
4) Pyridine-d5	3.552	84		202849	11.086	ng/ul	0.00
7) Phenol-d5	6.811	99		501270	20.018	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67		289506	19.871	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132		429445	22.026	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113		384803	18.272	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128		210640	21.980	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143		231216	23.210	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165		410252	20.883	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131		451571	14.710	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166		1239303	21.074	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160		1475986	22.148	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143		201328	16.402	ng/ul	0.01
60) Fluorene-d10	15.281	176		1123660	21.949	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200		42024	4.708	ng/ul	0.00
73) Anthracene-d10	17.134	188		1778478	23.193	ng/ul	0.00
81) Pyrene-d10	19.439	212		2022870	29.647	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264		1662985	23.832	ng/ul	0.01
Target Compounds							
						Qvalue	
8) Phenol	6.840	94		31107	1.205	ng/ul	94
16) Acetophenone	8.458	105		129890	3.981	ng/ul	97
50) Acenaphthylene	14.004	152		97874	1.257	ng/ul	99
72) Phenanthrene	17.075	178		315457	3.371	ng/ul	99
74) Anthracene	17.163	178		138741	1.465	ng/ul	99
80) Fluoranthene	19.098	202		863002	10.687	ng/ul	98
82) Pyrene	19.469	202		783437	9.234	ng/ul	97
85) Benzo(a)anthracene	21.257	228		708821	7.518	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149		167448	2.979	ng/ul	99
87) Chrysene	21.316	228		711401	7.948	ng/ul	99
90) Benzo(b)fluoranthene	23.263	252		1075913	12.995	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252		371052m	4.456	ng/ul	
93) Benzo(a)pyrene	24.045	252		639462	7.742	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.439	276		410674	4.007	ng/ul	93
95) Dibenzo(a,h)anthracene	27.474	278		117876	1.401	ng/ul#	85
96) Benzo(g,h,i)perylene	28.462	276		329838	3.996	ng/ul	99

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

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