

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031744.D
 Acq On : 31 May 2024 16:18
 Operator : MA/JU
 Sample : P2549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

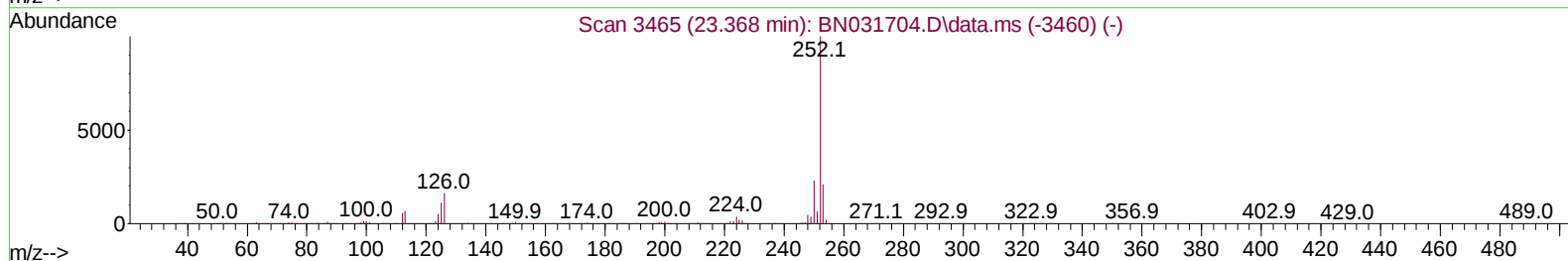
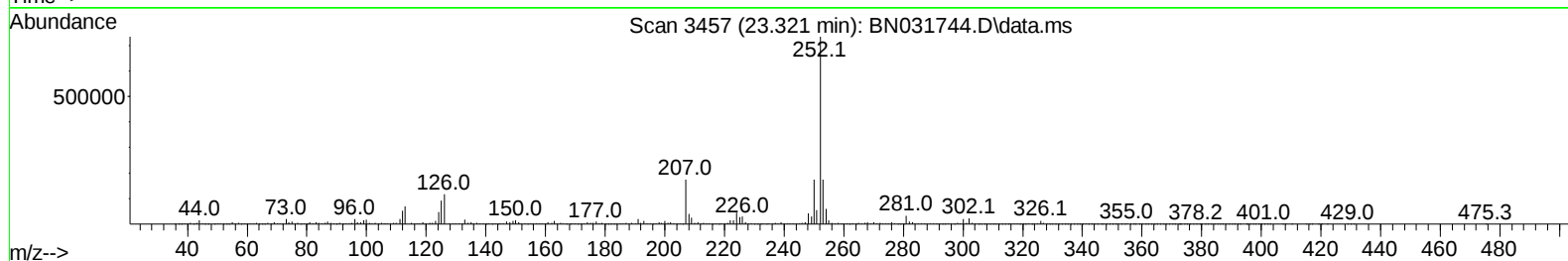
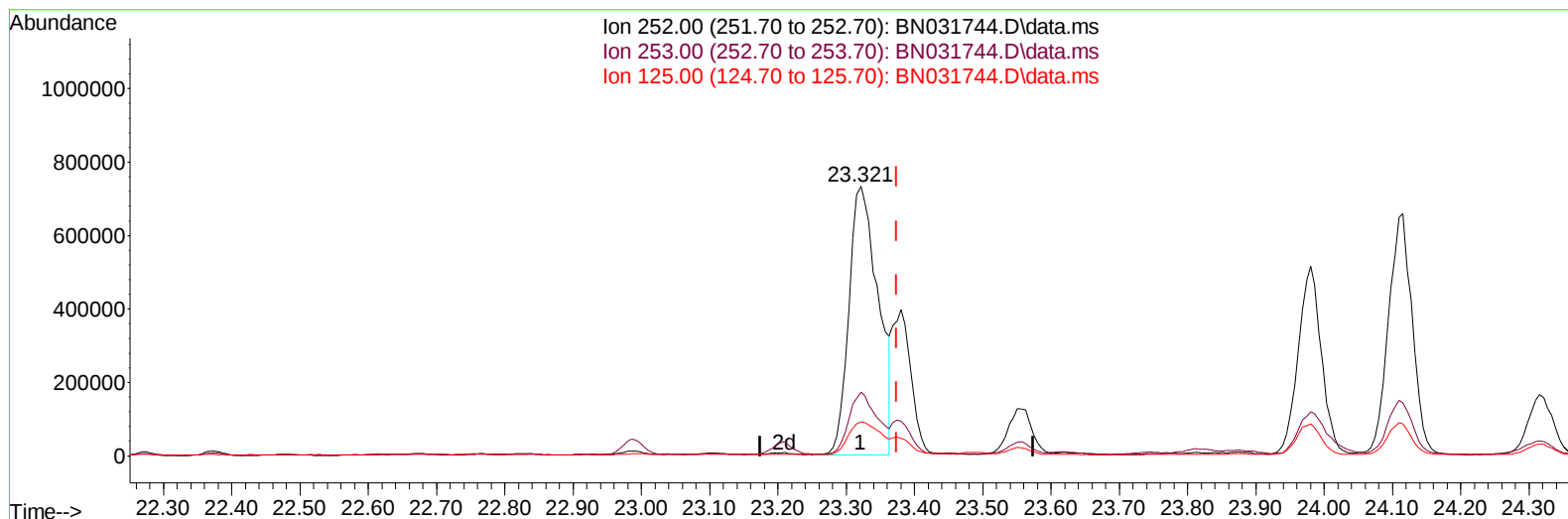
ClientSampleId :

BH620

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:00:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BN031744.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.053) 24.24 ng/u1

response 2185533

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.62
125.00	11.80	12.71
0.00	0.00	0.00

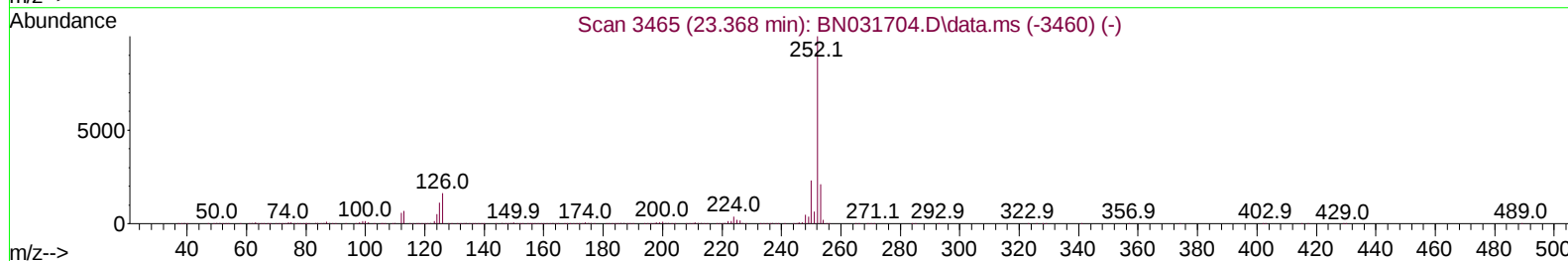
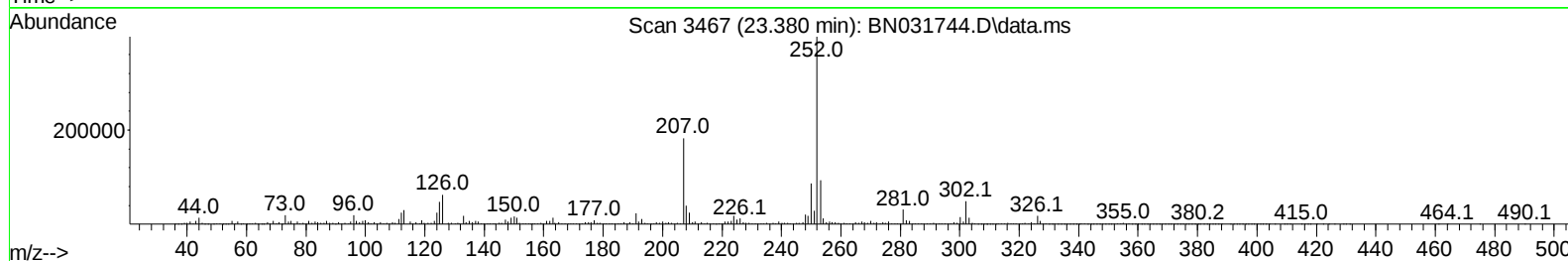
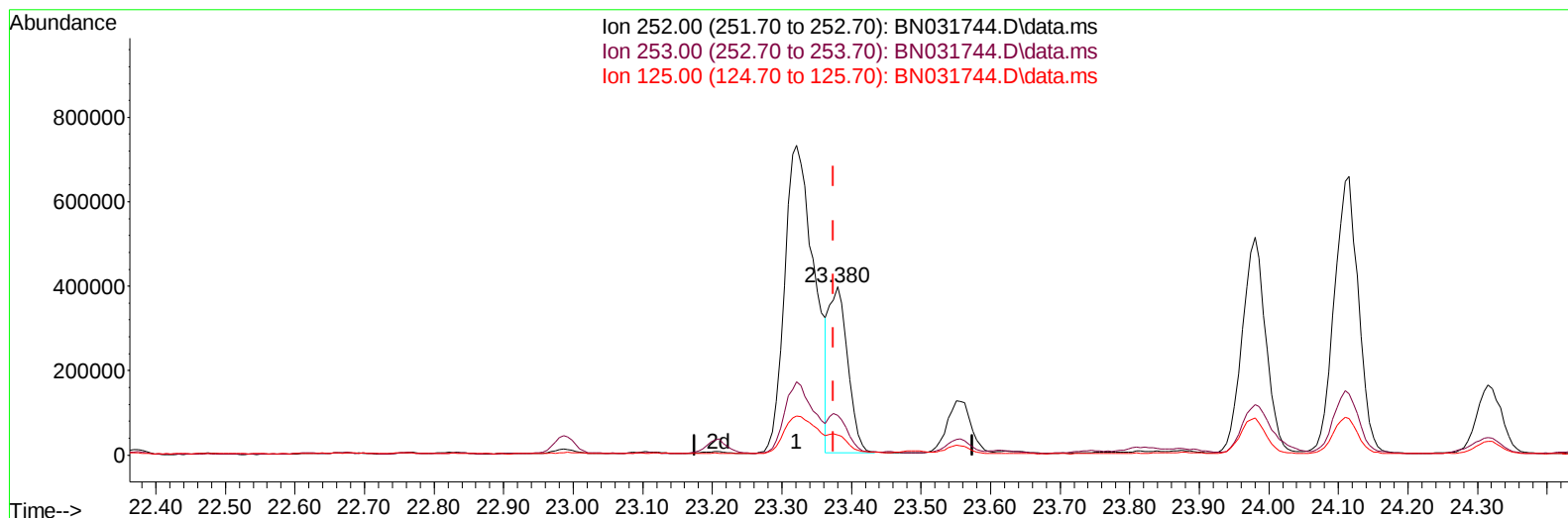
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(91) Benzo(k)fluoranthene

23.380min (+ 0.006) 8.06 ng/u1 m

response 726512

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.53
125.00	11.80	11.99
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	7.681	152	515091	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2244238	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1343444	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2511727	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1374122	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1537377	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	43539	3.497	ng/uL	0.00
4) Pyridine-d5	3.593	84	463024	13.211	ng/ul	0.00
7) Phenol-d5	6.852	99	931055	21.085	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	530382	20.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	759829	22.551	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	678032	18.837	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	389826	22.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	408187	23.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	718939	21.726	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	550811	11.211	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166	2140631	22.872	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2523956	23.453	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	297201	15.860	ng/ul	0.00
60) Fluorene-d10	15.322	176	1801637	22.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	148985	11.801	ng/ul	0.00
73) Anthracene-d10	17.169	188	2511858	23.359	ng/ul	0.00
81) Pyrene-d10	19.469	212	2303306	31.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	1751413	23.858	ng/ul	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	245836	2.021	ng/ul	99
72) Phenanthrene	17.116	178	1813797	14.176	ng/ul	98
74) Anthracene	17.204	178	341680	2.635	ng/ul	99
77) Carbazole	17.475	167	156988	1.420	ng/ul	99
80) Fluoranthene	19.133	202	3820900	43.479	ng/ul	99
82) Pyrene	19.498	202	3439717	38.150	ng/ul	99
83) Butylbenzylphthalate	20.410	149	135062	3.172	ng/ul	90
85) Benzo(a)anthracene	21.292	228	1574613	17.120	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	573414	9.237	ng/ul	100
87) Chrysene	21.351	228	1662061	19.346	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	2185533	23.784	ng/ul	96
91) Benzo(k)fluoranthene	23.380	252	726512m	8.057	ng/ul	
93) Benzo(a)pyrene	24.115	252	1581699	18.378	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	1197642	12.076	ng/ul	96
95) Dibenzo(a,h)anthracene	27.598	278	312158	3.855	ng/ul#	87
96) Benzo(g,h,i)perylene	28.592	276	1160264	14.717	ng/ul	99

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

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