

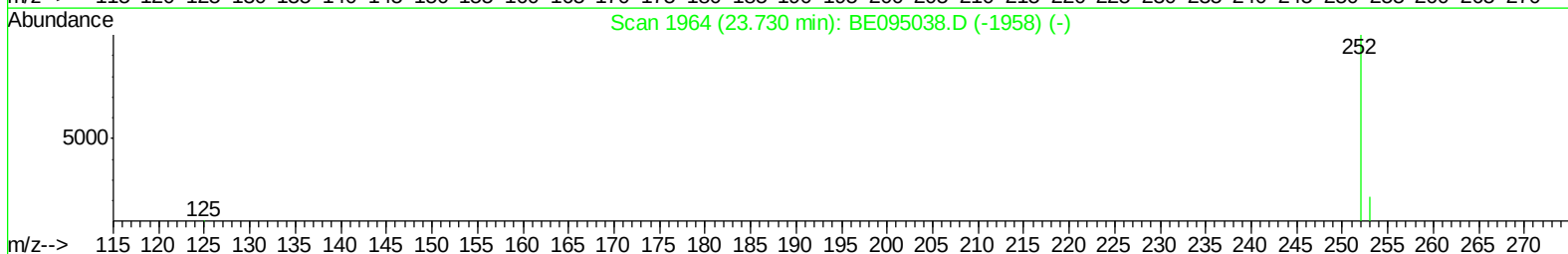
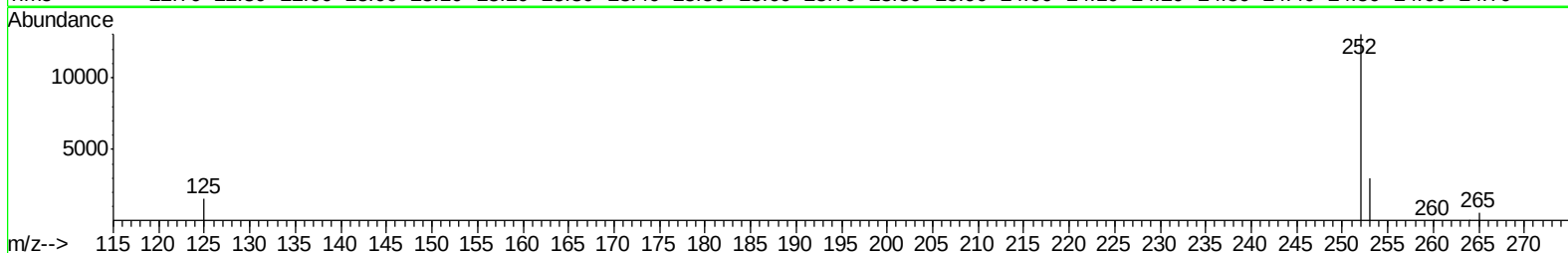
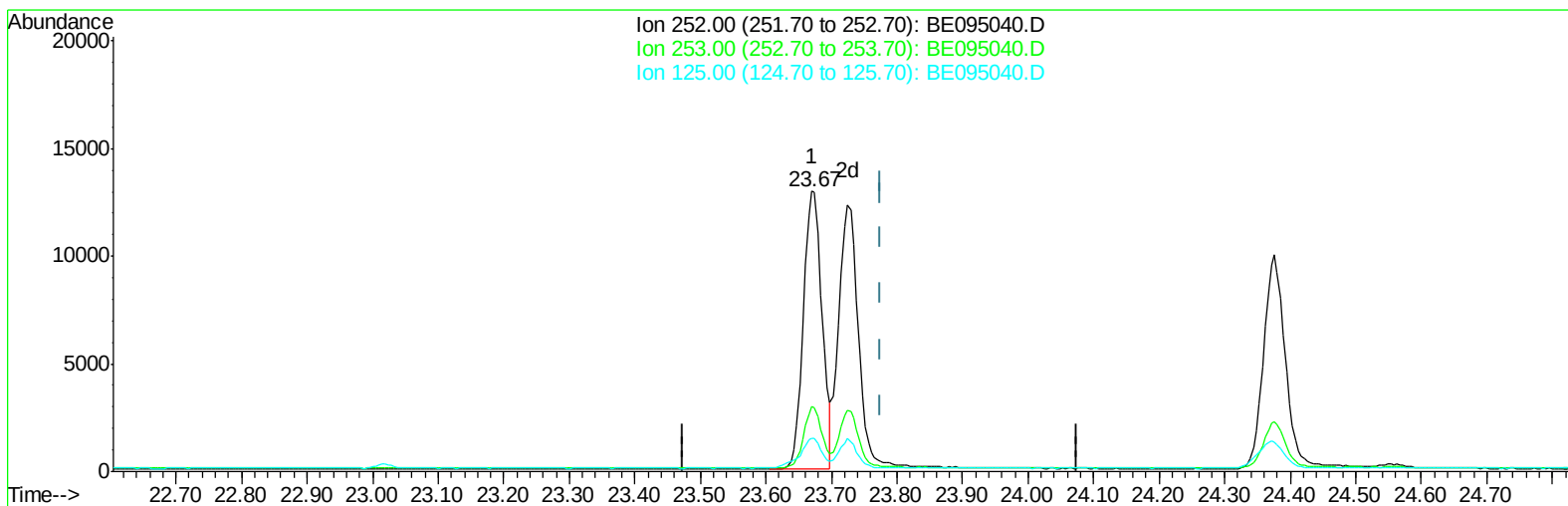
Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
Data File : BE095040.D
Acq On : 22 Dec 2017 11:38
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
12/26/2017 3:44:09 PM

Quant Time: Dec 22 18:19:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



TIC: BE095040.D

(36) Benzo(k)fluoranthene

23.670min (-0.105) 0.38ng

response 25281

Ion	Exp%	Act%
252.00	100	100
253.00	20.00	23.24
125.00	10.00	11.74
0.00	0.00	0.00

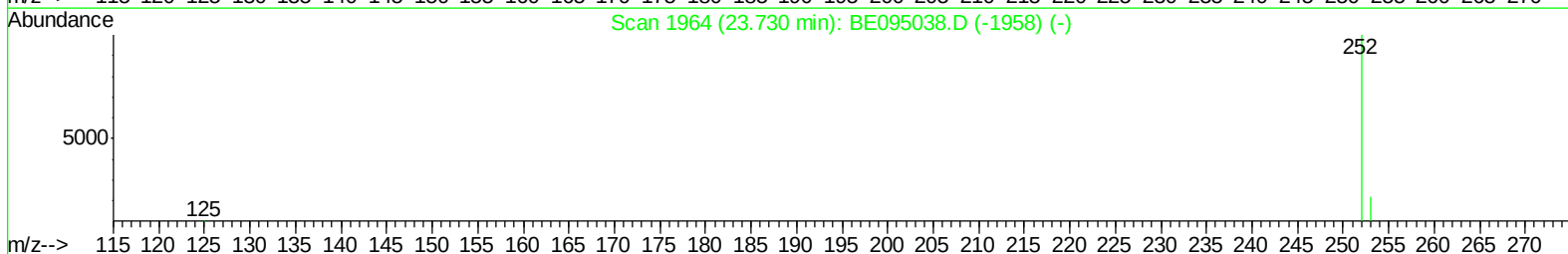
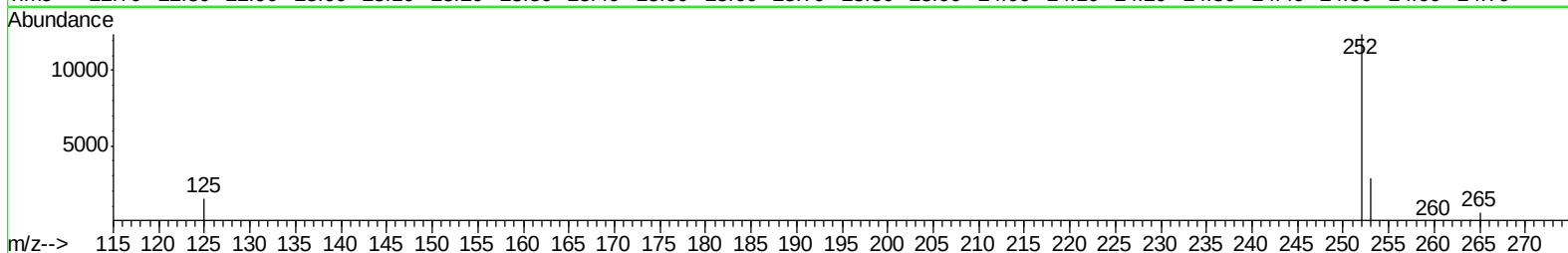
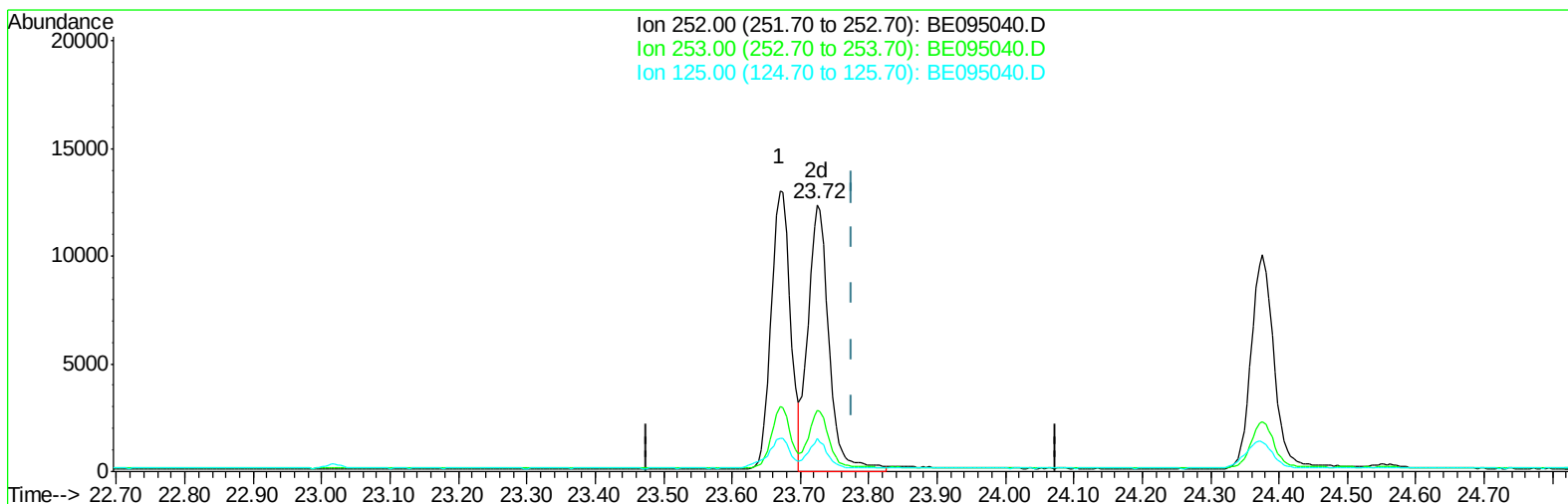
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TIC: BE095040.D

(36) Benzo(k)fluoranthene

23.725min (-0.050) 0.40ng m

response 26525

Ion	Exp%	Act%
252.00	100	100
253.00	20.00	22.90
125.00	10.00	12.28#
0.00	0.00	0.00

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Quant Time: Dec 22 18:20:00 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6284	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	15531	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	8943	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	20525	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	20807	0.40	ng	-0.03
34) Perylene-d12	24.50	264	17992	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	4296	0.44	ng	-0.01
5) Phenol-d6	7.58	99	6375	0.44	ng	-0.01
8) Nitrobenzene-d5	9.65	82	5087	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	10019	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	749	0.36	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	15136	0.38	ng	-0.02
25) Fluoranthene-d10	19.72	212	99987	0.38	ng	-0.03
29) Terphenyl-d14	20.28	244	16567	0.42	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	2426	0.392	ng	# 87
3) n-Nitrosodimethylamine	4.02	42	3032	0.414	ng	97
6) bis(2-Chloroethyl)ether	7.86	93	5937	0.420	ng	91
9) Naphthalene	11.36	128	70209	0.385	ng	99
10) Hexachlorobutadiene	11.61	225	3112	0.375	ng	98
12) 2-Methylnaphthalene	12.91	142	16378	0.360	ng	97
16) Acenaphthylene	14.76	152	18125	0.379	ng	99
17) Acenaphthene	15.11	154	12124	0.382	ng	94
18) Fluorene	16.07	166	15334	0.389	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	4645	0.387	ng	89
21) Hexachlorobenzene	17.06	284	4847	0.395	ng	# 82
22) Pentachlorophenol	17.40	266	955	0.393	ng	# 71
23) Phenanthrene	17.79	178	24863	0.389	ng	98
24) Anthracene	17.88	178	24242	0.369	ng	# 93
26) Fluoranthene	19.75	202	29988	0.380	ng	99
28) Pyrene	20.10	202	32268	0.458	ng	98
30) Benzo(a)anthracene	21.82	228	25590	0.421	ng	# 61
31) Chrysene	21.89	228	28869	0.422	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.70	149	32825	0.424	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.34	276	23995	0.431	ng	98
35) Benzo(b)fluoranthene	23.67	252	25281	0.383	ng	# 90
36) Benzo(k)fluoranthene	23.72	252	26525m	0.396	ng	
37) Benzo(a)pyrene	24.38	252	23103	0.394	ng	95
38) Dibenzo(a,h)anthracene	27.36	278	19233	0.354	ng	97
39) Benzo(g,h,i)perylene	28.20	276	20135	0.372	ng	# 95

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

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