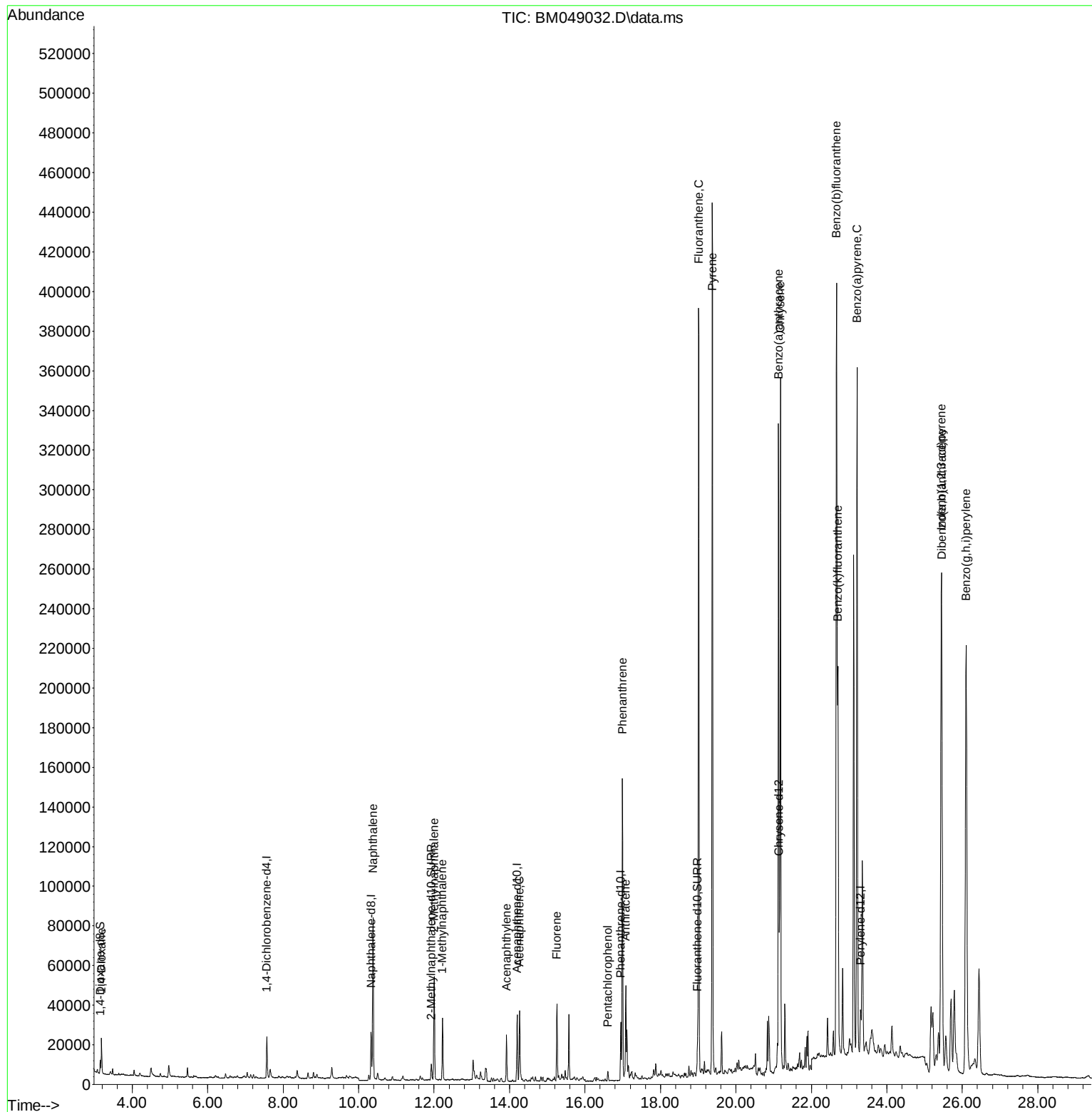


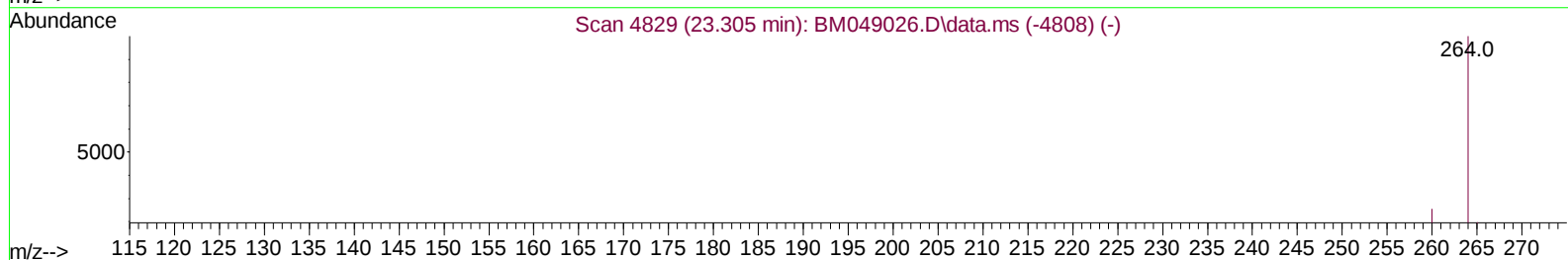
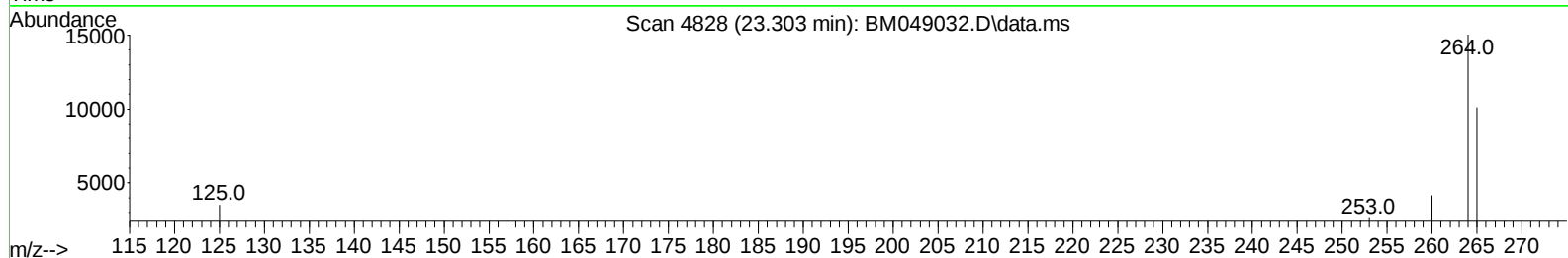
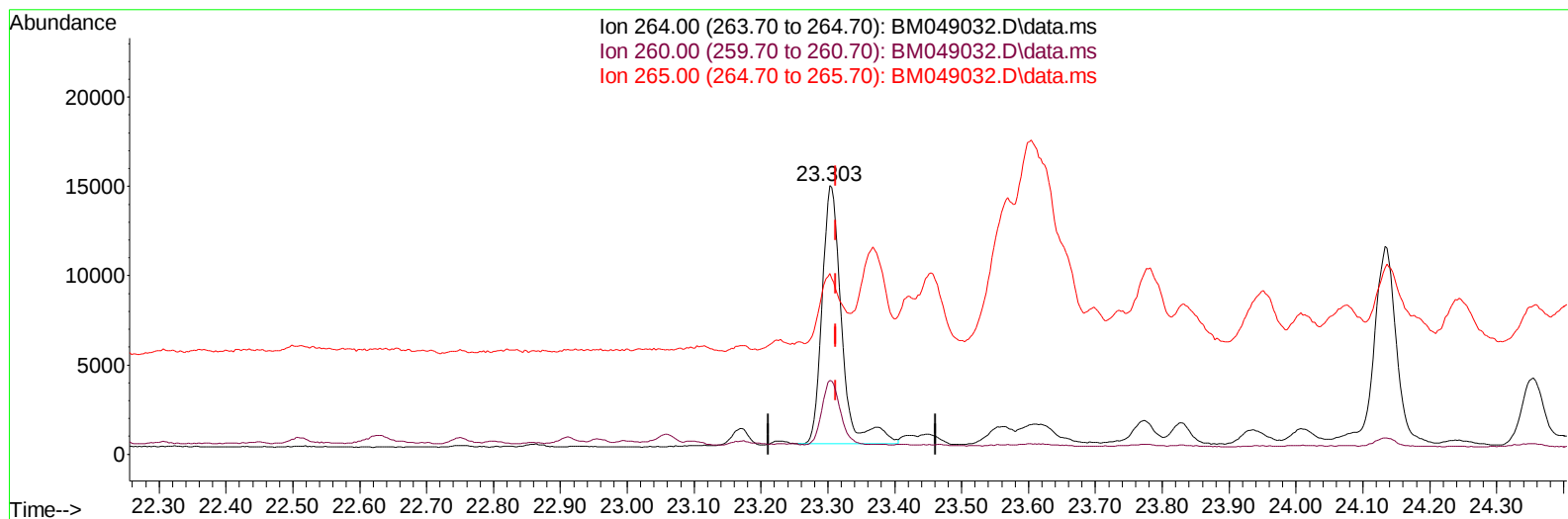
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049032.D\data.ms

(23) Perylene-d12 (I)

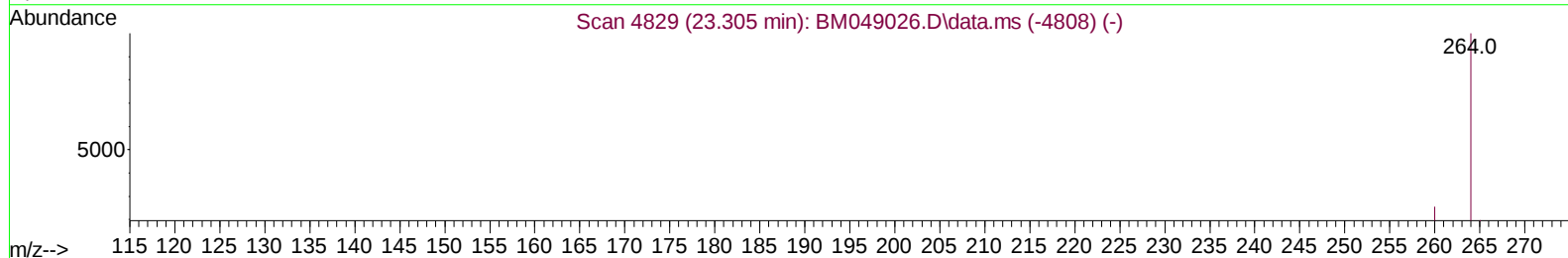
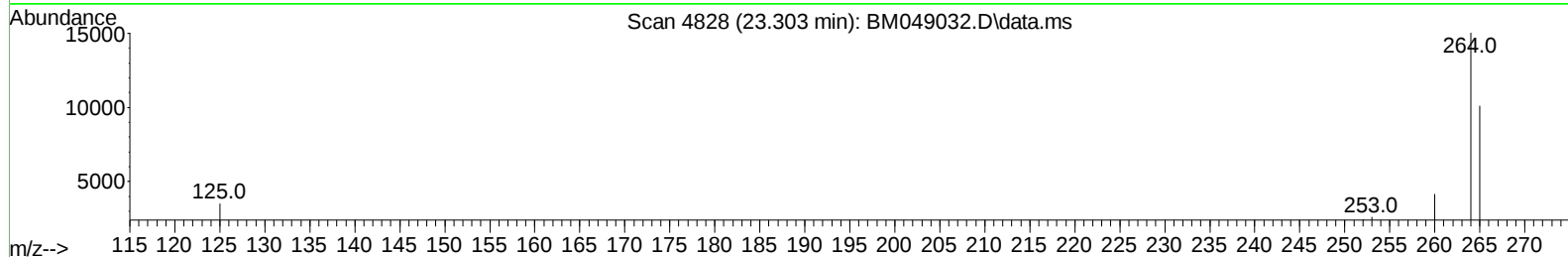
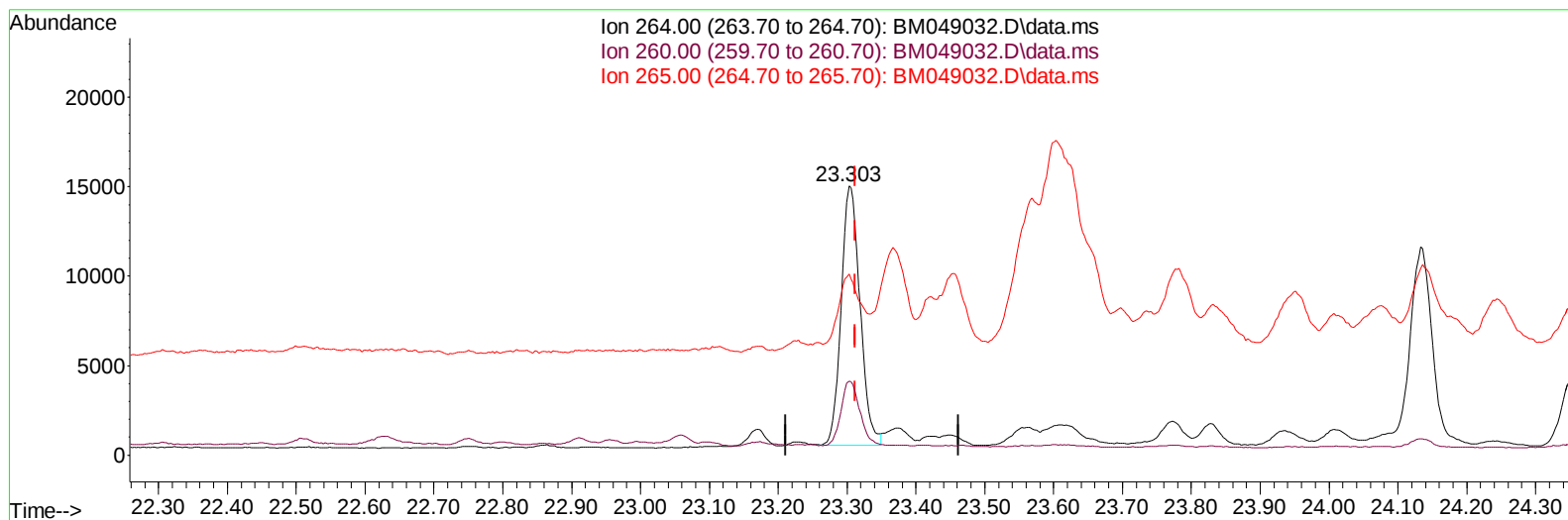
23.303min (-0.009) 0.40 ng/u1

response 29695

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	27.59
265.00	82.60	67.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049032.D\data.ms

(23) Perylene-d12 (I)

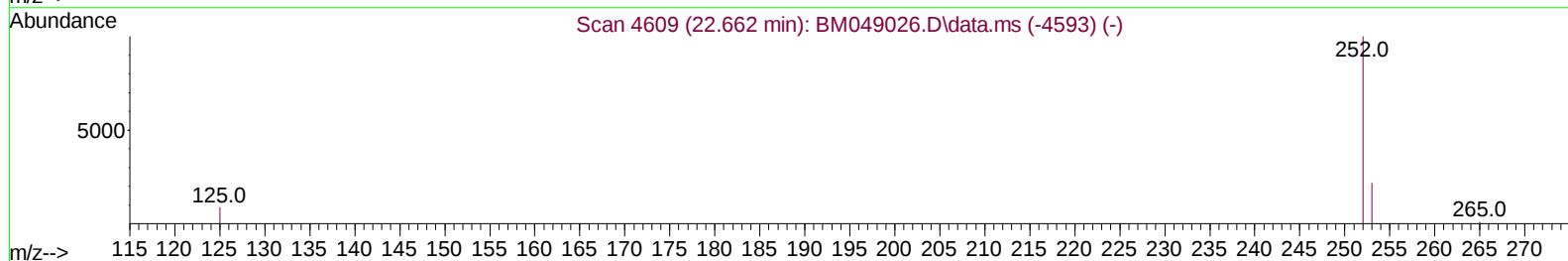
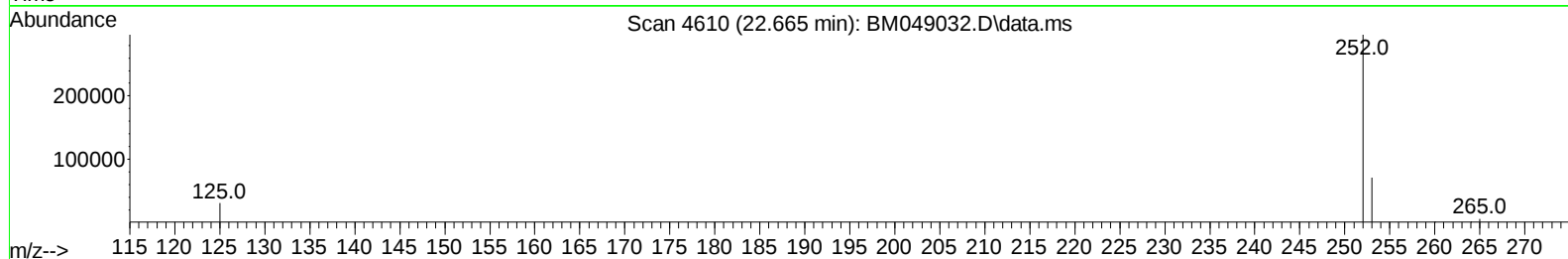
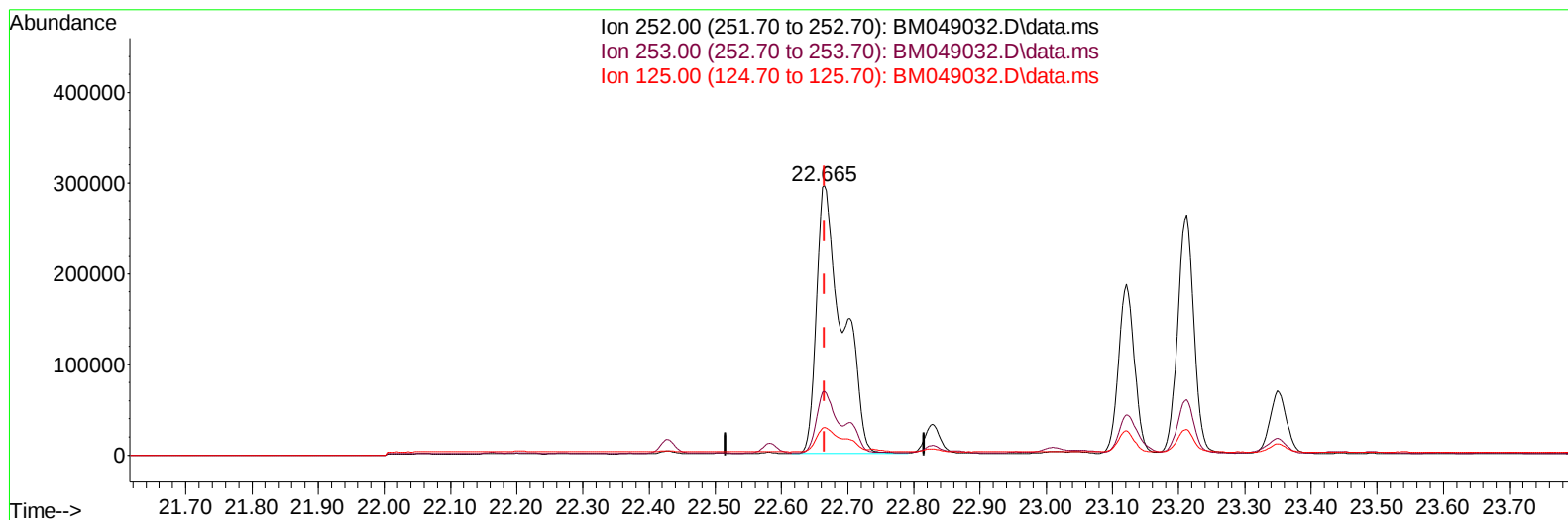
23.303min (-0.009) 0.40 ng/ul m

response 27629

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	27.59
265.00	82.60	67.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049032.D\data.ms

(24) Benzo(b)fluoranthene

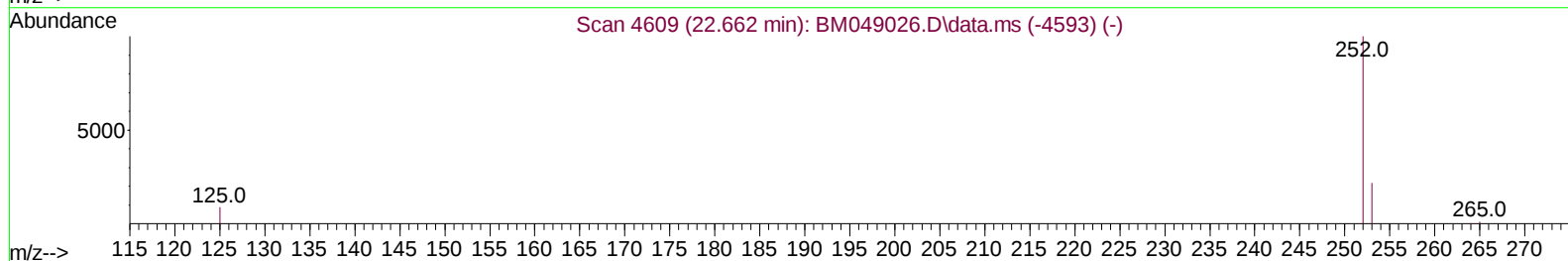
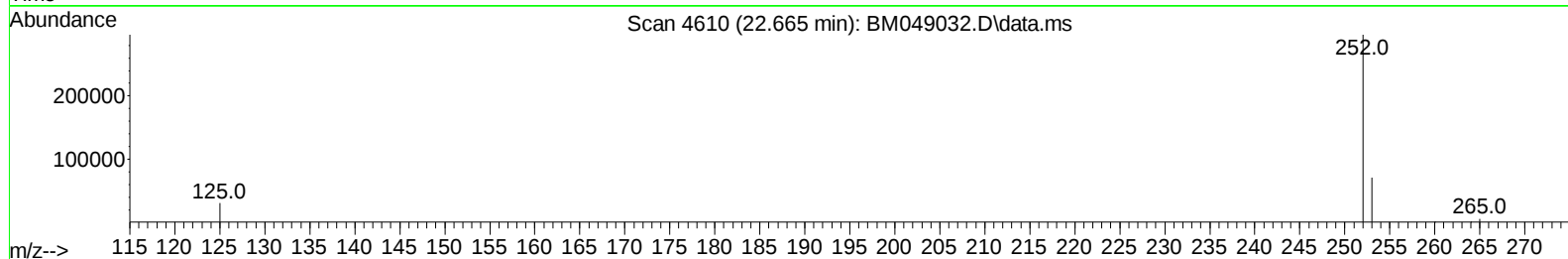
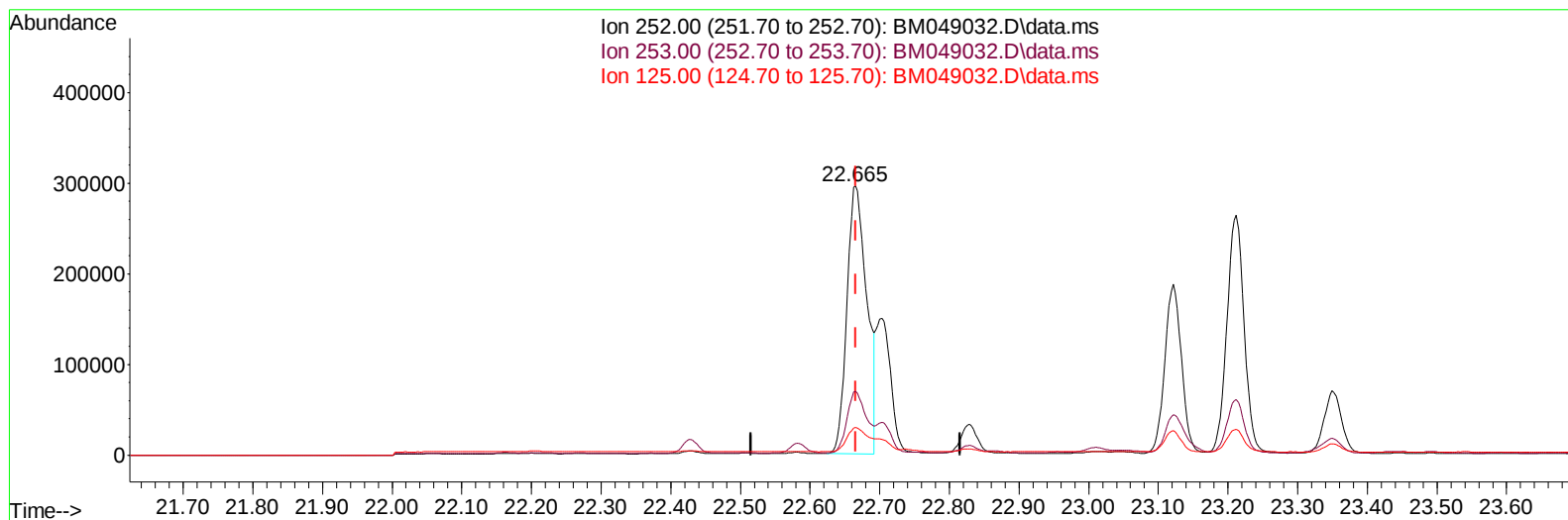
22.665min (-0.000) 8.47 ng/u1

response 809049

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	23.71
125.00	18.30	10.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049032.D\data.ms

(24) Benzo(b)fluoranthene

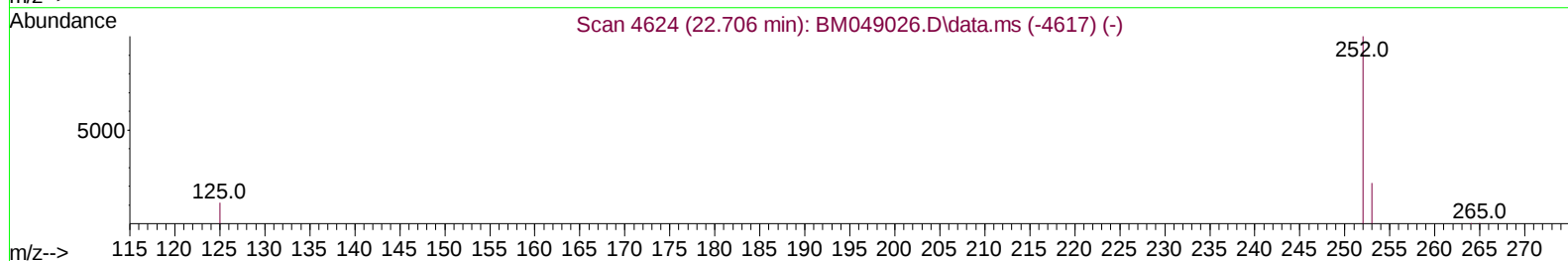
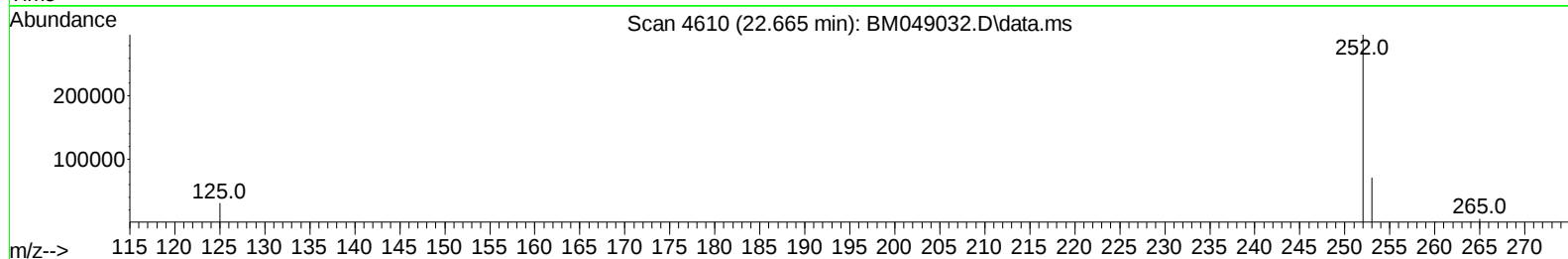
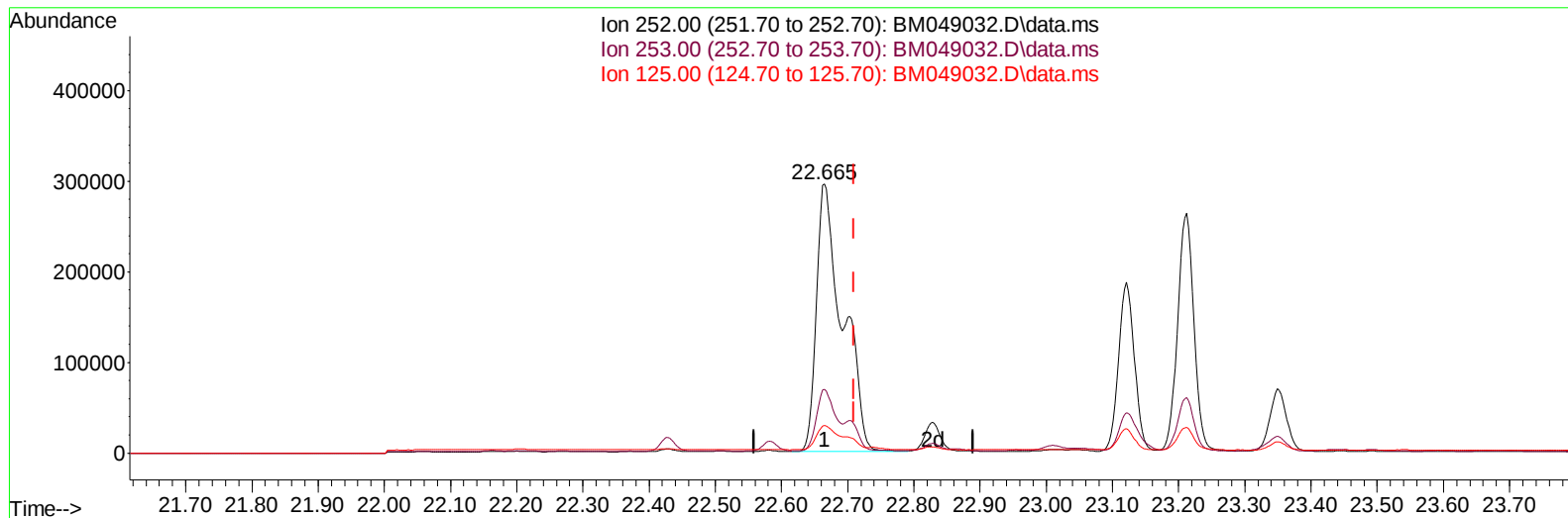
22.665min (-0.000) 6.14 ng/u1 m

response 586339

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	23.71
125.00	18.30	10.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049032.D\data.ms

(25) Benzo(k)fluoranthene

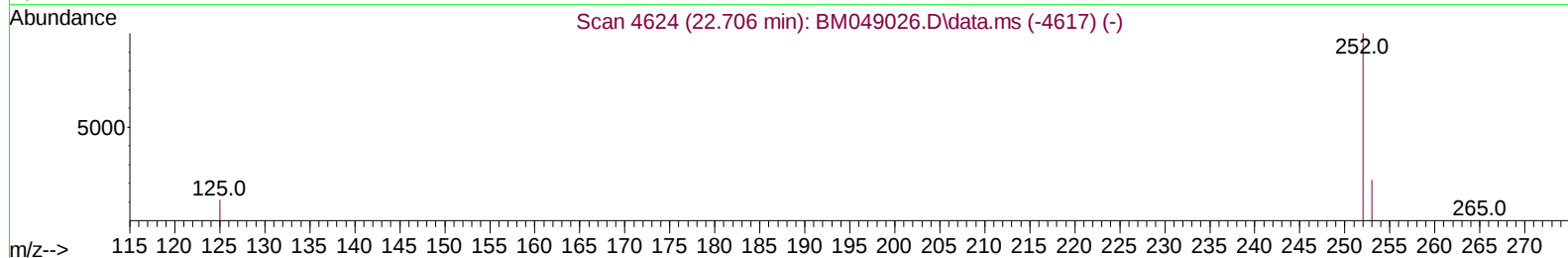
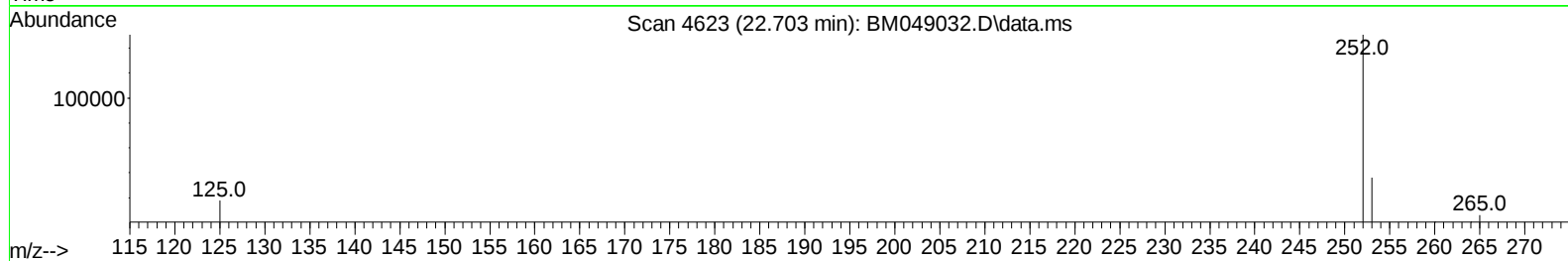
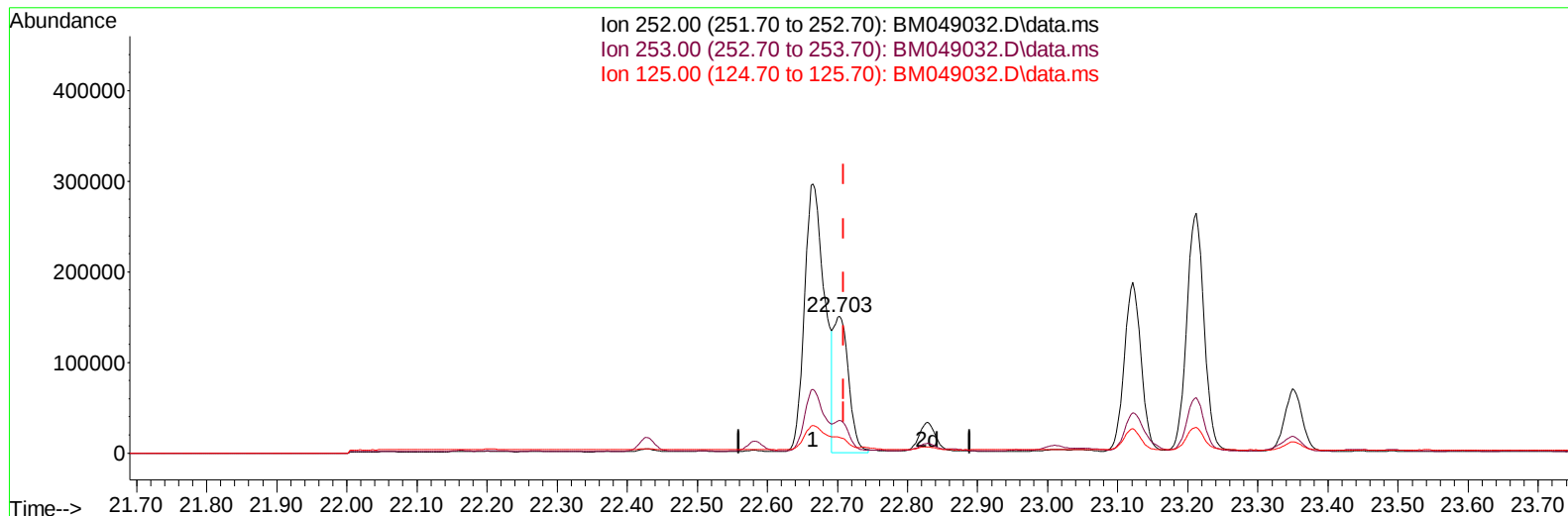
22.665min (-0.044) 7.33 ng/u1

response 809049

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	23.71
125.00	21.60	10.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049032.D\data.ms

(25) Benzo(k)fluoranthene

22.703min (-0.006) 2.04 ng/u1 m

response 225443

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	23.89
125.00	21.60	11.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049032.D
 Acq On : 17 Dec 2024 21:48
 Operator : RC/JU
 Sample : P5155-18MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 18 04:56:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	10116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	31953	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.206	164	18007	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	34854	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.146	240	24540	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	27629m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	3808	0.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	10843	0.266	ng/ul	0.00
18) Fluoranthene-d10	18.984	212	21117	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	10858	0.794	ng/ul#	87
5) Naphthalene	10.381	128	111876	1.366	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	37249	0.745	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	22439	0.440	ng/ul	100
10) Acenaphthylene	13.919	152	26696	0.351	ng/ul	99
11) Acenaphthene	14.266	153	21080	0.366	ng/ul	97
12) Fluorene	15.256	166	23985	0.375	ng/ul	99
14) Pentachlorophenol	16.605	266	3169	0.441	ng/ul	95
15) Phenanthrene	16.989	178	161326	1.689	ng/ul	99
16) Anthracene	17.082	178	49038	0.576	ng/ul	99
19) Fluoranthene	19.011	202	333230	3.274	ng/ul	95
20) Pyrene	19.374	202	364392	3.322	ng/ul	96
21) Benzo(a)anthracene	21.128	228	274141	3.175	ng/ul	98
22) Chrysene	21.181	228	321165	3.287	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	586339m	6.141	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	225443m	2.041	ng/ul	
26) Benzo(a)pyrene	23.212	252	451988	5.119	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.443	276	389340	3.139	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.454	278	98164	1.017	ng/ul	96
29) Benzo(g,h,i)perylene	26.101	276	429987	4.310	ng/ul#	94

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