Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037185.D
Acq On : 05 Jun 2025 18:10
Operator : RC/JU
Sample : Q2200-05DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Quant Time: Jun 05 18:41:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1668	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4203	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2312	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4171	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2654	0.400	ng	0.00
35) Perylene-d12	23.377	264	2589	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	65	0.016	ng	0.00
5) Phenol-d6	6.773	99	43	0.009	ng	0.00
8) Nitrobenzene-d5	8.760	82	160	0.036	ng	0.02
11) 2-Methylnaphthalene-d10	11.981	152	181	0.031	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	42	0.045	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	325	0.033	ng	0.00
27) Fluoranthene-d10	19.026	212	390	0.037	ng	0.00
31) Terphenyl-d14	19.635	244	283	0.045	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	5418	2.437	ng	99
34) Bis(2-ethylhexyl)phtha...	21.108	149	342	0.056	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037185.D
Acq On : 05 Jun 2025 18:10
Operator : RC/JU
Sample : Q2200-05DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Quant Time: Jun 05 18:41:19 2025
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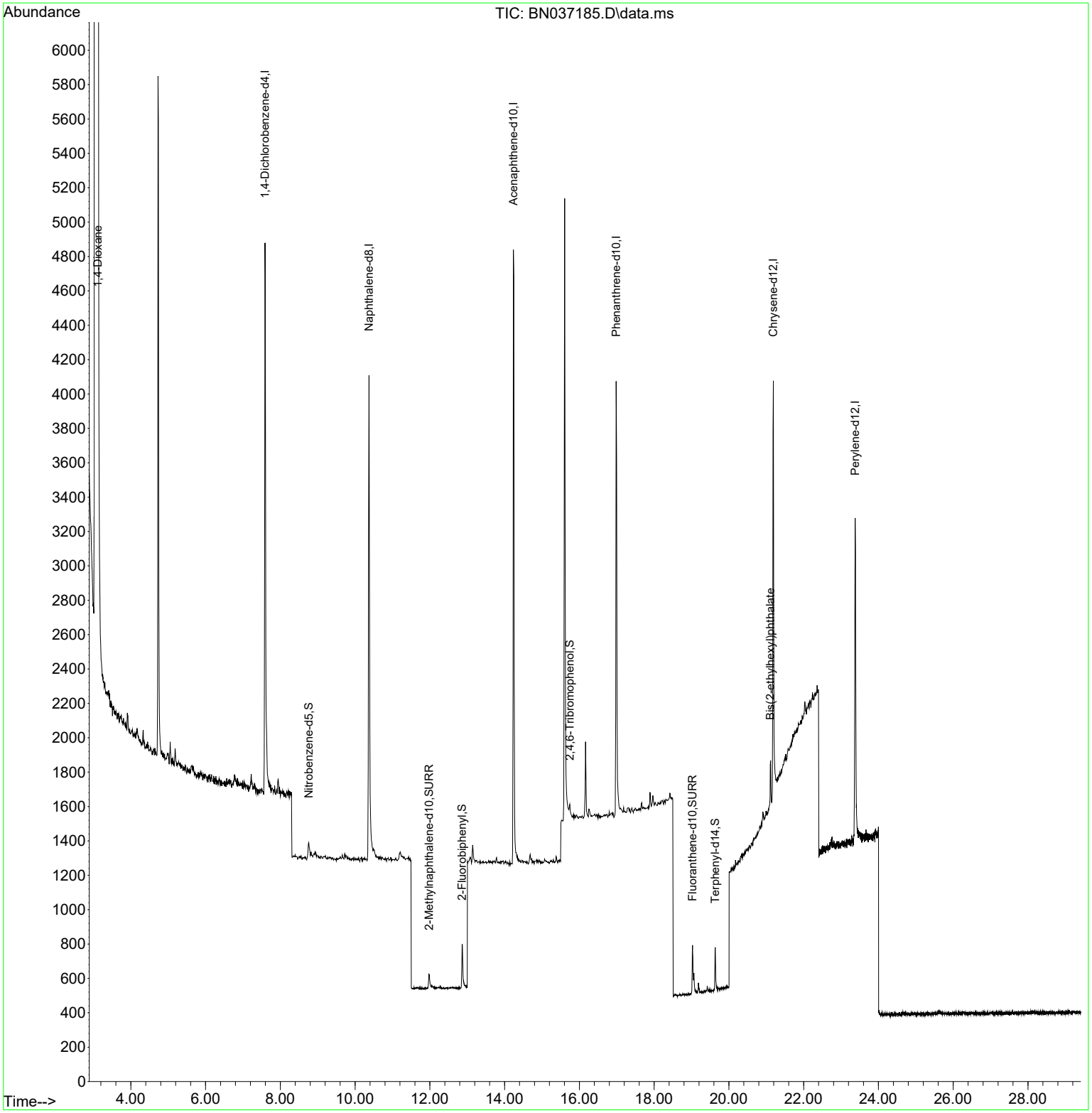
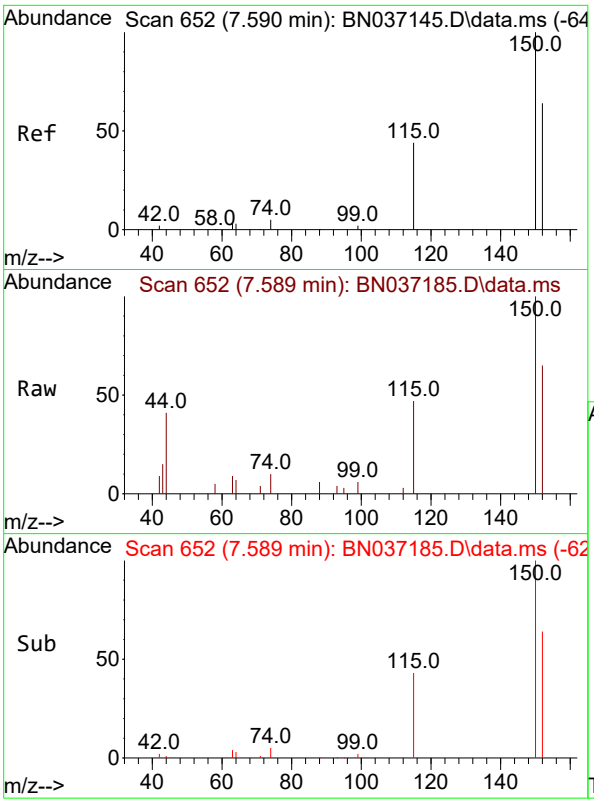


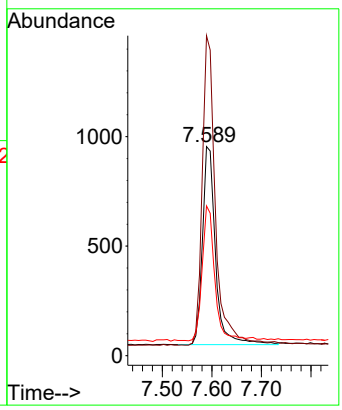


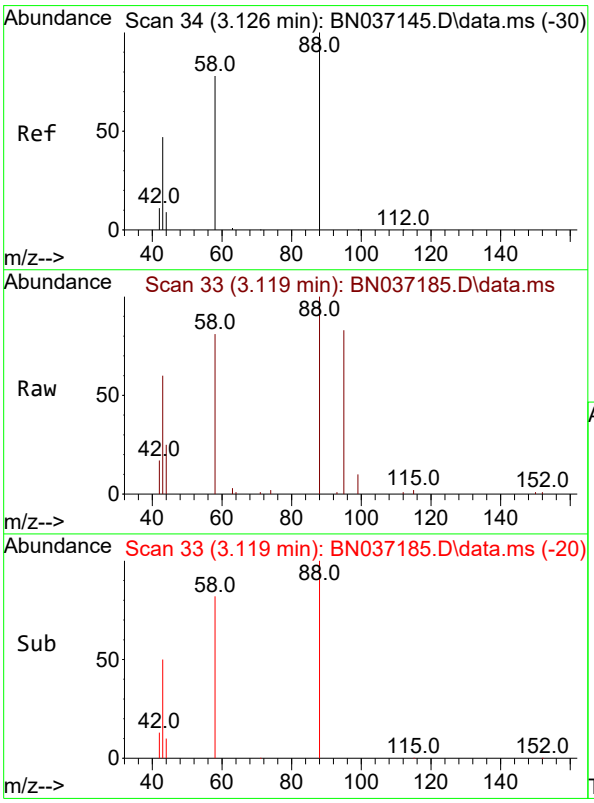
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:152 Resp: 1668

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.2	184.8
115	71.6	56.6	85.0

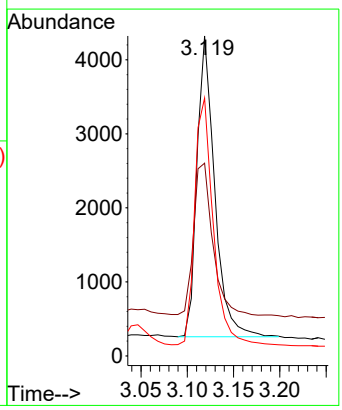


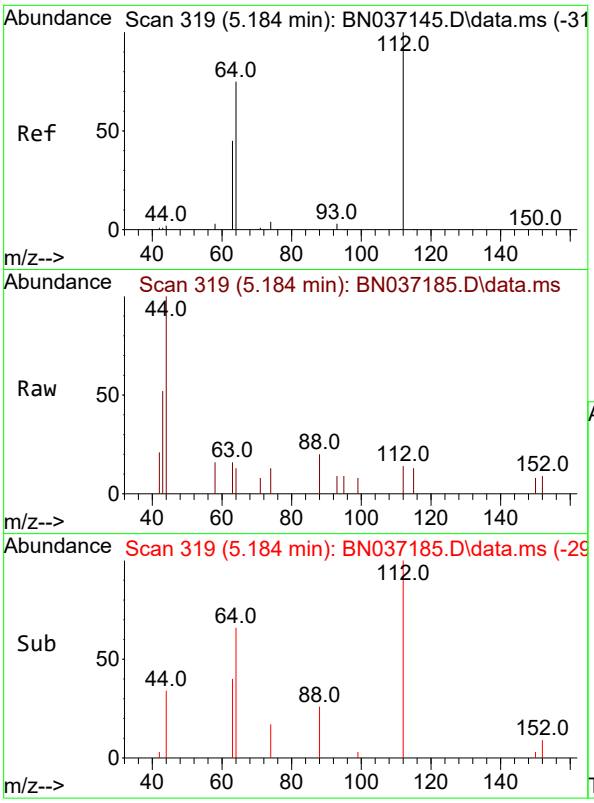


#2
1,4-Dioxane
Concen: 2.437 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 88 Resp: 5418

Ion	Ratio	Lower	Upper
88	100		
43	55.0	43.5	65.3
58	85.6	67.7	101.5



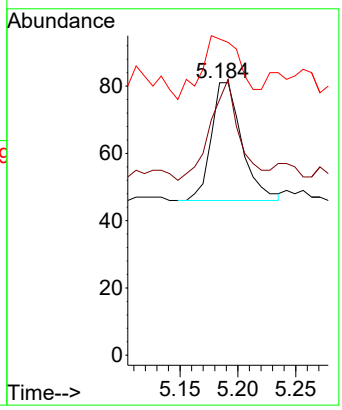


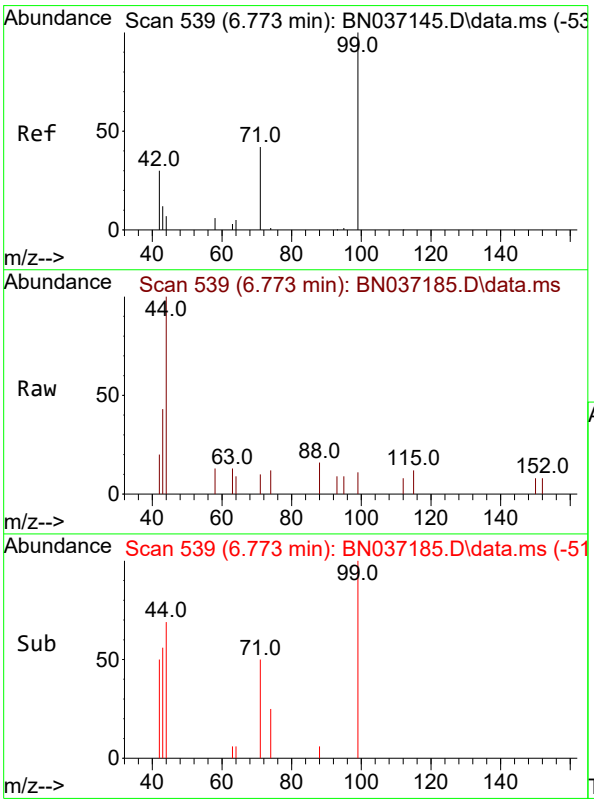
#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:112 Resp: 65

Ion	Ratio	Lower	Upper
112	100		
64	78.5	56.3	84.5
63	64.6	36.2	54.4#

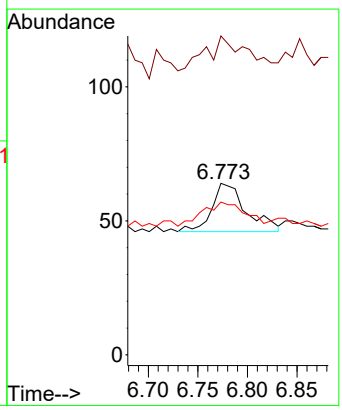


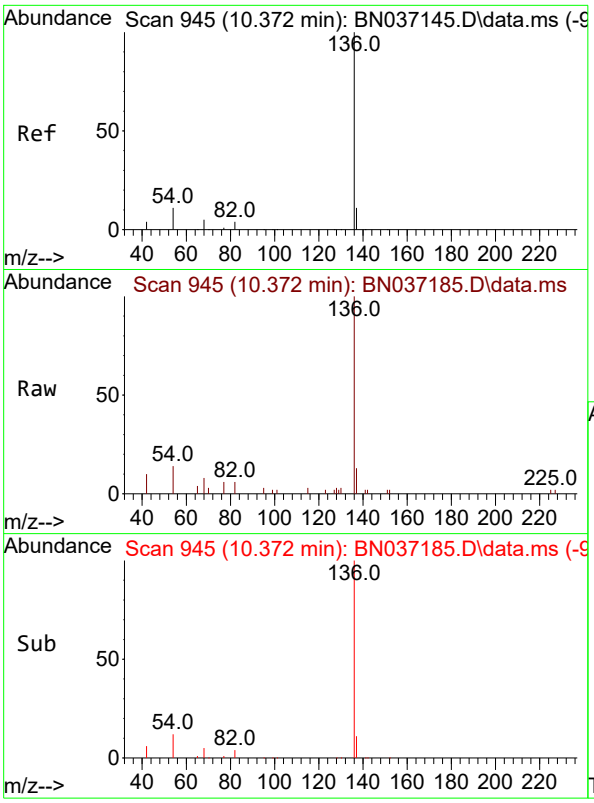


#5
Phenol-d6
Concen: 0.009 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 99 Resp: 43

Ion	Ratio	Lower	Upper
99	100		
42	83.7	31.3	46.9#
71	67.4	38.2	57.2#



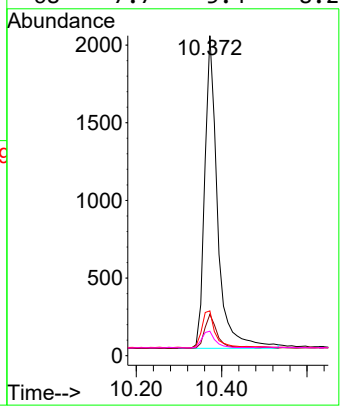


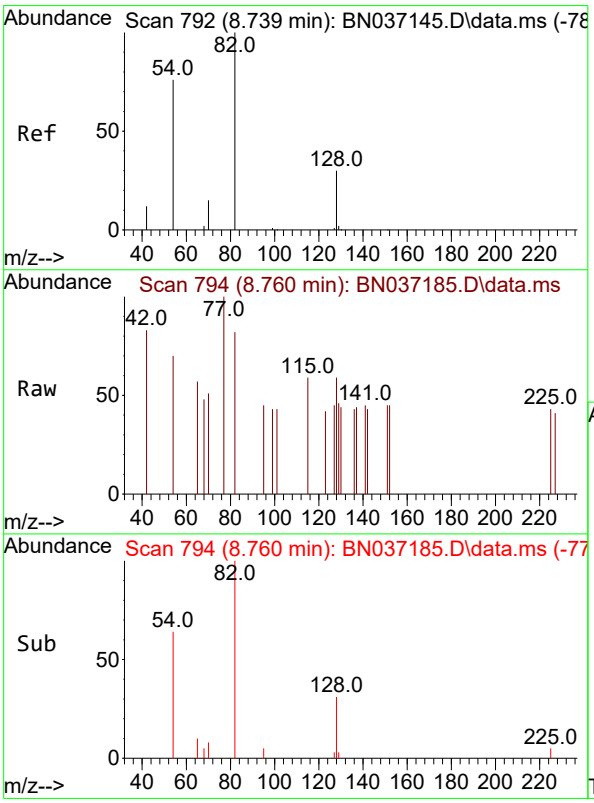
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:136 Resp: 4203

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	14.0	9.7	14.5
68	7.7	5.4	8.2

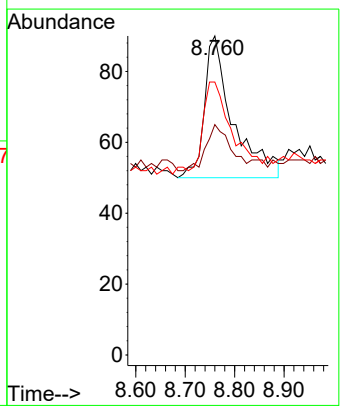


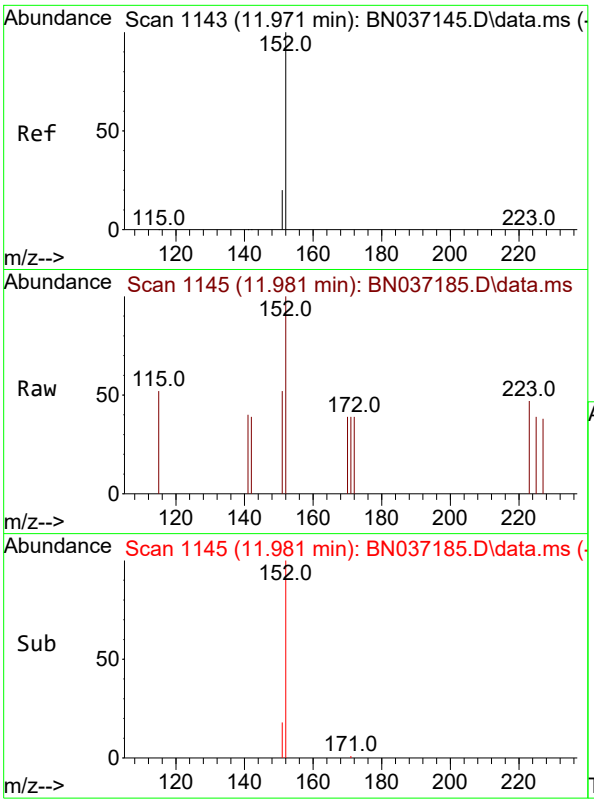


#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.021 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 82 Resp: 160

Ion	Ratio	Lower	Upper
82	100		
128	72.2	26.9	40.3#
54	85.6	61.4	92.2



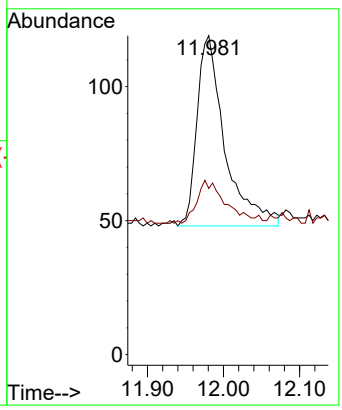


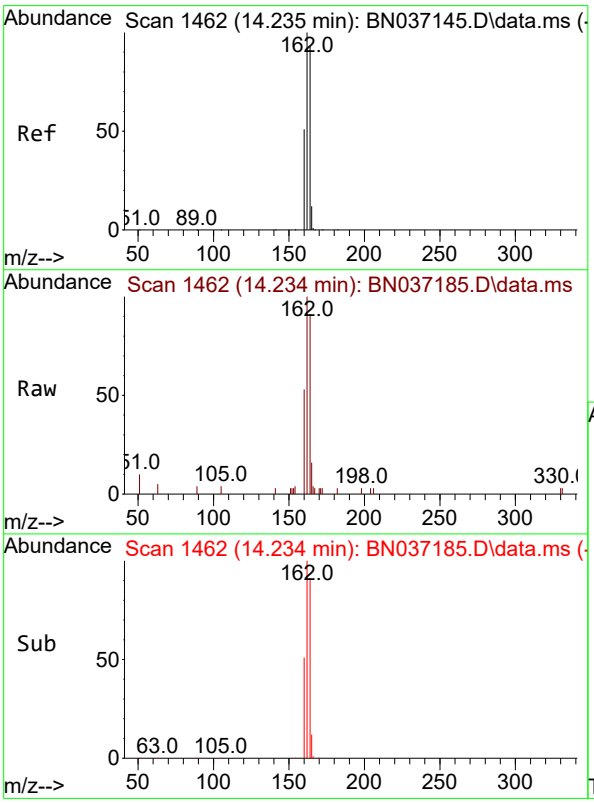
#11
2-Methylnaphthalene-d10
Concen: 0.031 ng
RT: 11.981 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:152 Resp: 181

Ion	Ratio	Lower	Upper
152	100		
151	25.4	17.1	25.7

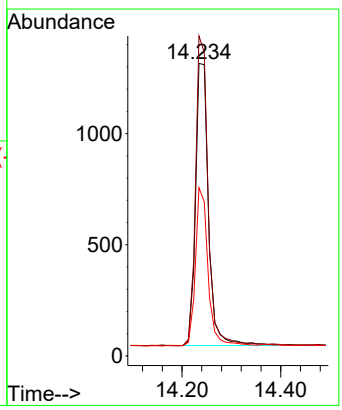


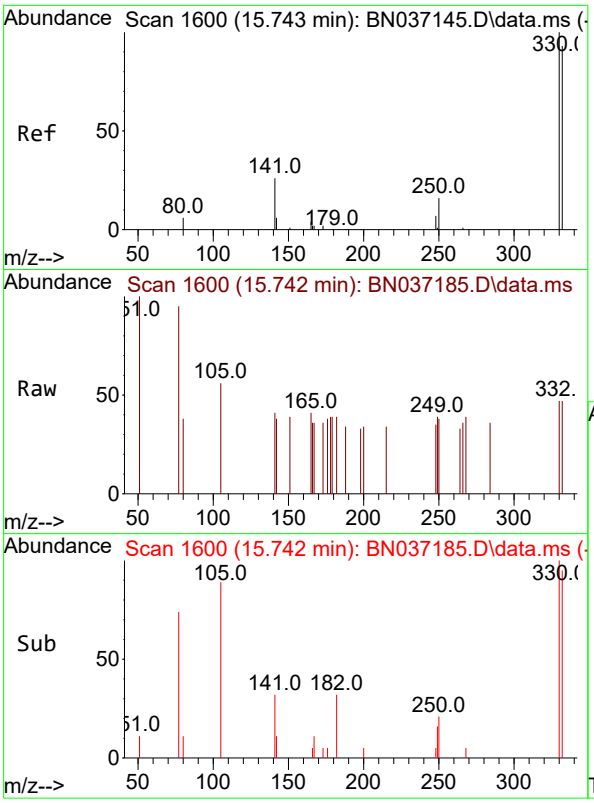


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:164 Resp: 2312

Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.5	128.3
160	57.5	44.6	67.0



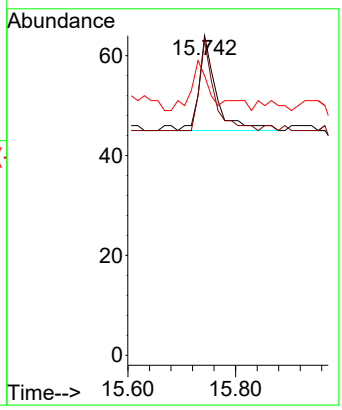


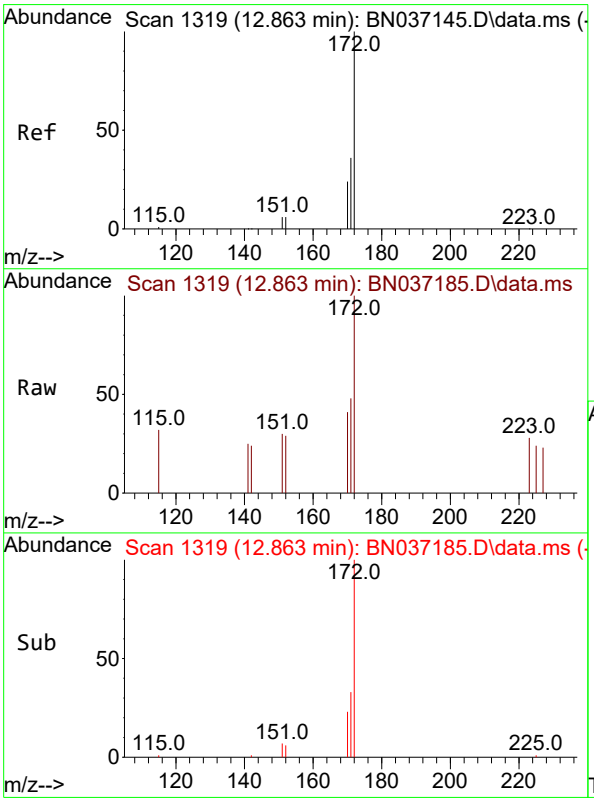
#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:330 Resp: 42

Ion	Ratio	Lower	Upper
330	100		
332	81.0	77.1	115.7
141	50.0	46.4	69.6

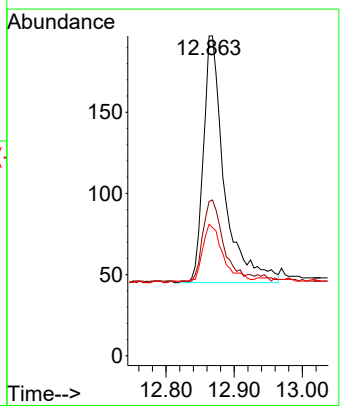


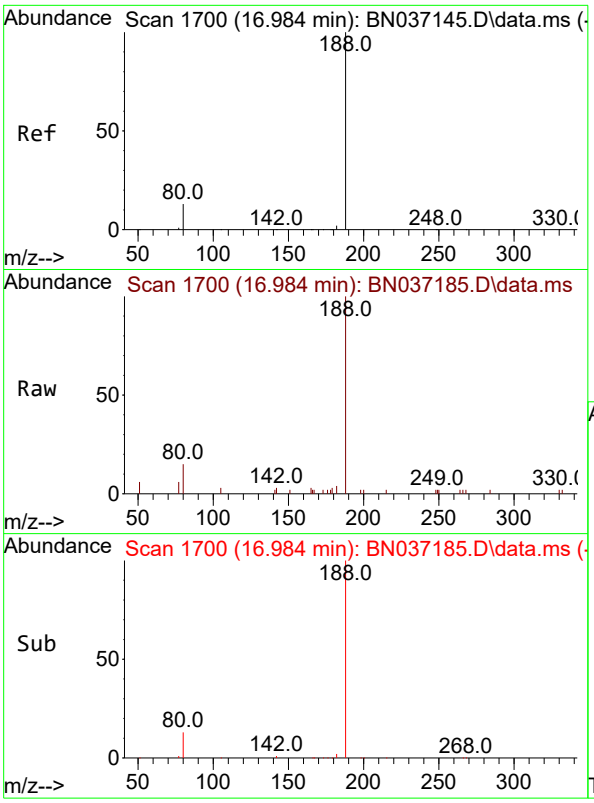


#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 12.863 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:172 Resp: 325

Ion	Ratio	Lower	Upper
172	100		
171	48.2	29.6	44.4#
170	41.1	20.3	30.5#



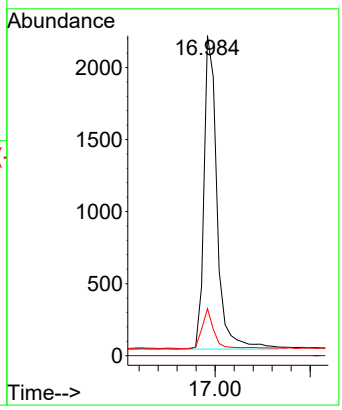


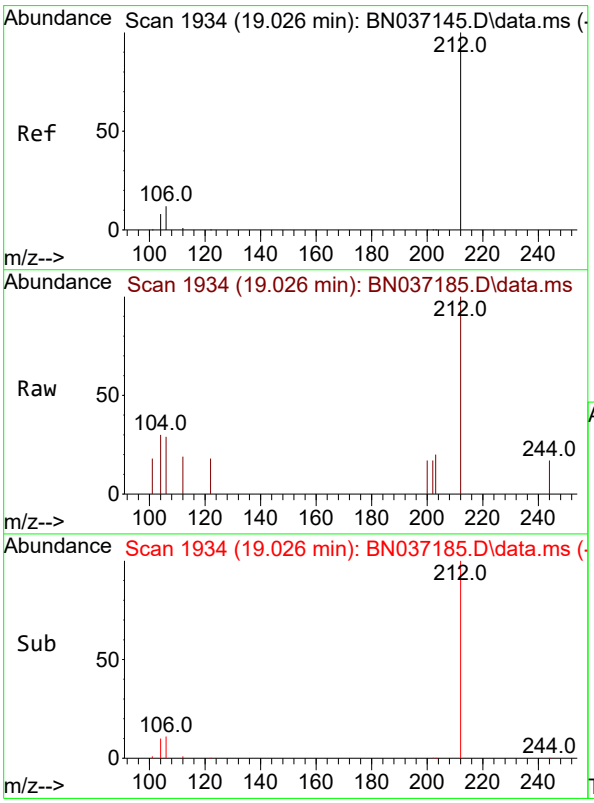
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:188 Resp: 4171

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	11.3	16.9

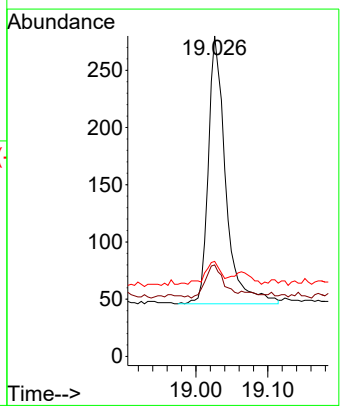


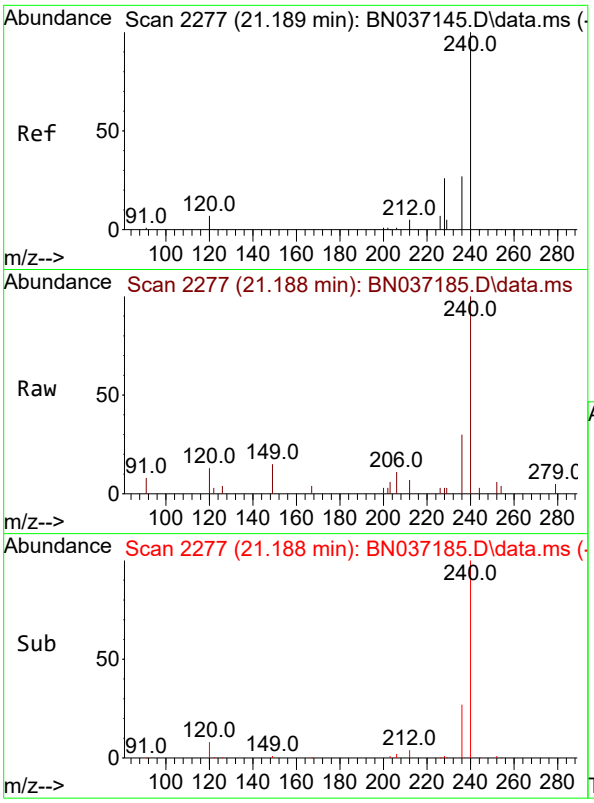


#27
Fluoranthene-d10
Concen: 0.037 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:212 Resp: 390

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	15.8
104	8.5	6.6	9.8



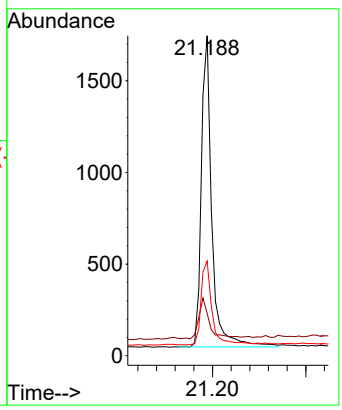


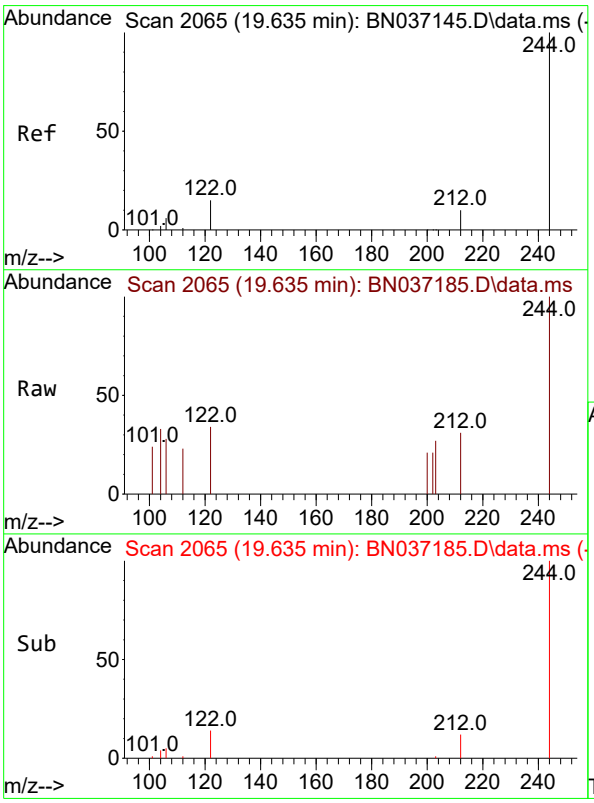
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:240 Resp: 2654

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.4
236	29.6	23.0	34.4

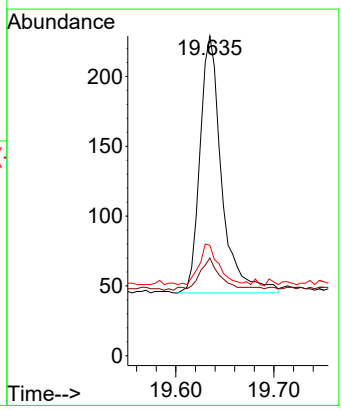


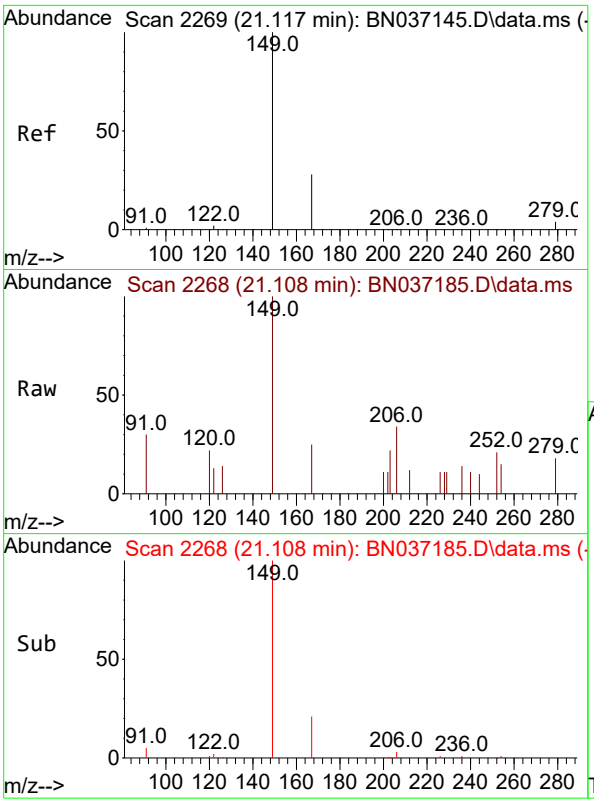


#31
Terphenyl-d14
Concen: 0.045 ng
RT: 19.635 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:244 Resp: 283

Ion	Ratio	Lower	Upper
244	100		
212	30.6	10.0	15.0#
122	34.5	13.2	19.8#



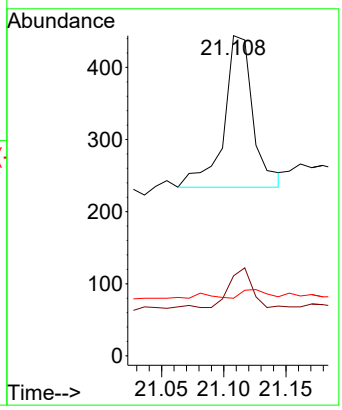


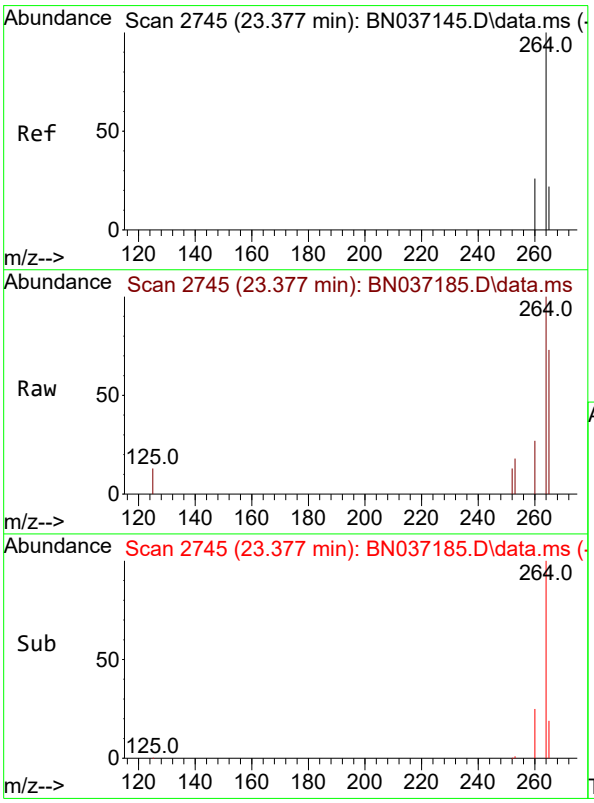
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

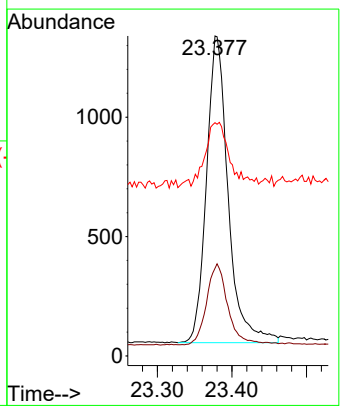
Tgt Ion:149 Resp: 342

Ion	Ratio	Lower	Upper
149	100		
167	19.3	21.0	31.4#
279	5.0	2.9	4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:264 Resp: 2589

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.1	33.1
265	72.9	55.8	83.8