Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016917.D
Acq On : 13 Oct 2021 03:13
Operator : CG/JU
Sample : M4169-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

Quant Time: Oct 13 06:19:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21336	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	96381	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51331	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	99394	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	99347	0.400	ng	# 0.00
35) Perylene-d12	23.467	264	103231	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7104	0.147	ng	0.02
5) Phenol-d6	6.877	99	4464	0.083	ng	0.00
8) Nitrobenzene-d5	8.822	82	18010	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	45231	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8988	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	60421	0.311	ng	0.00
27) Fluoranthene-d10	19.068	212	111916	0.448	ng	0.00
31) Terphenyl-d14	19.678	244	96853	0.444	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.689	266	159	0.203	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.164	149	21044	0.302	ng	100

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

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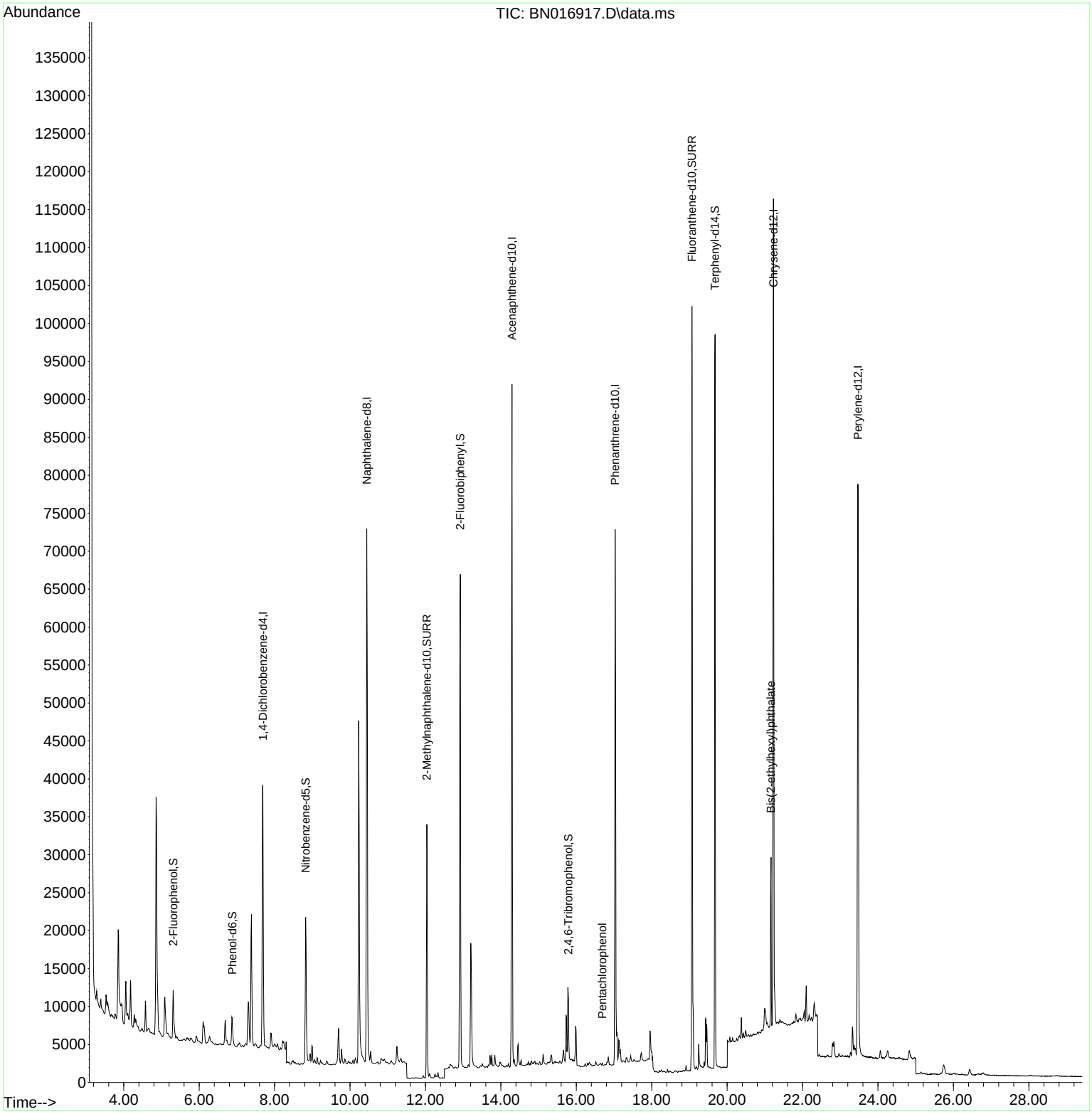
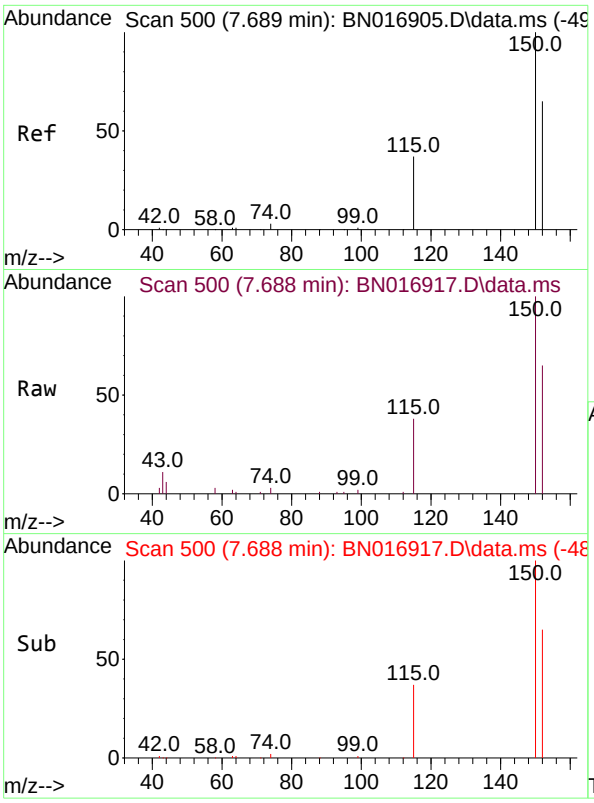
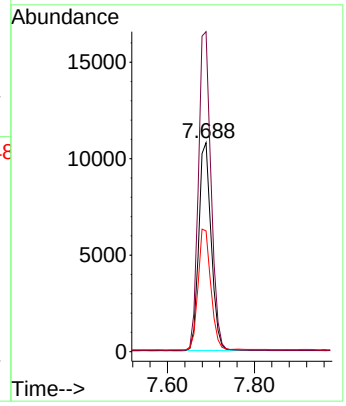




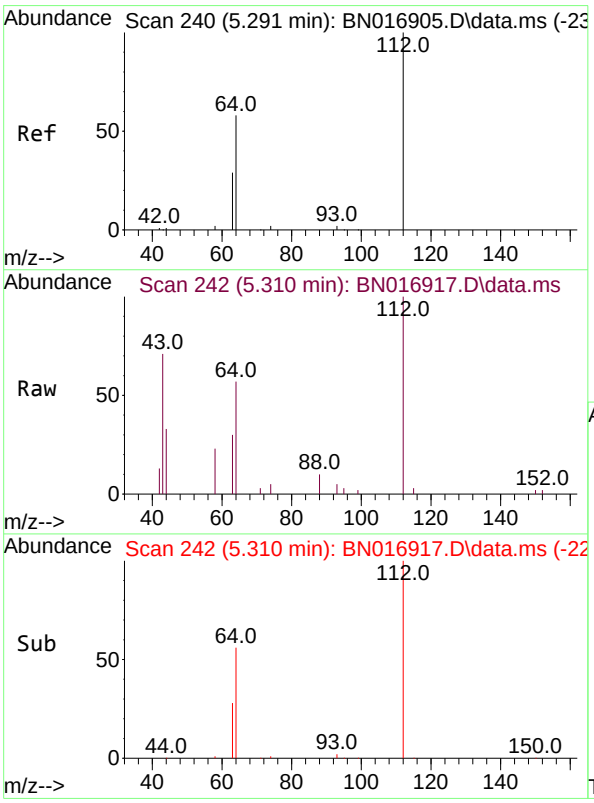
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:152 Resp: 21336

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.6	183.8
115	57.9	46.1	69.1



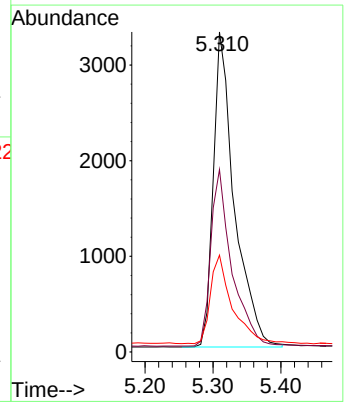
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)



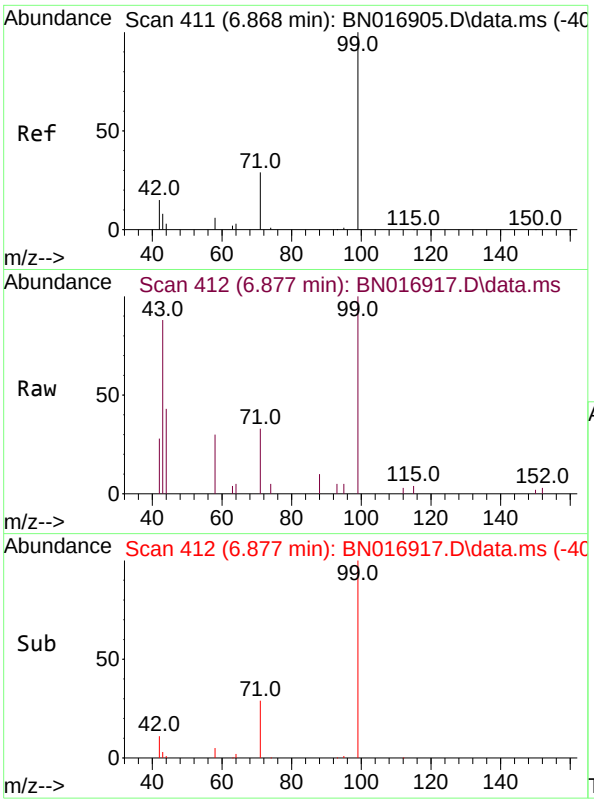
#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:112 Resp: 7104

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.0	67.4
63	28.7	22.6	33.8



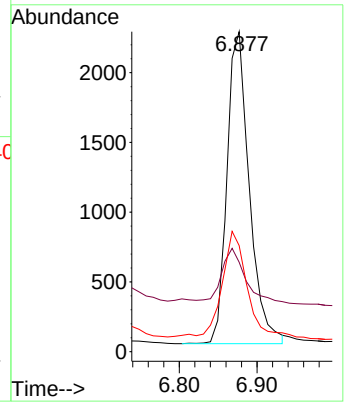
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

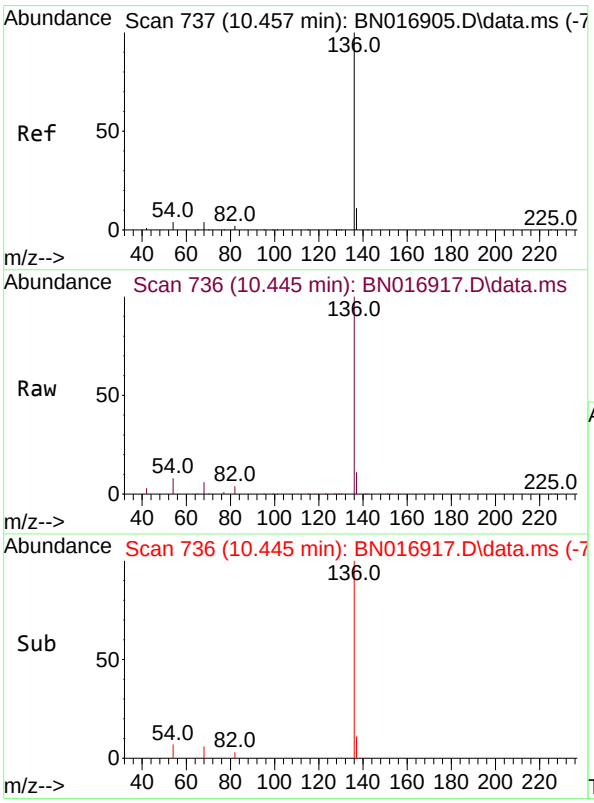


#5
Phenol-d6
Concen: 0.083 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion: 99 Resp: 4464

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.2	21.4
71	37.1	24.5	36.7#

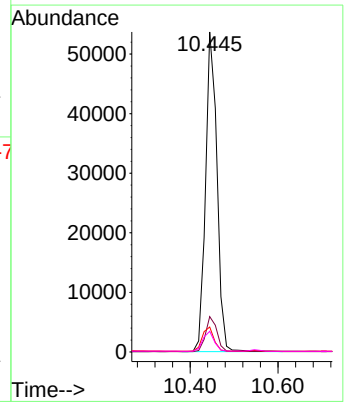


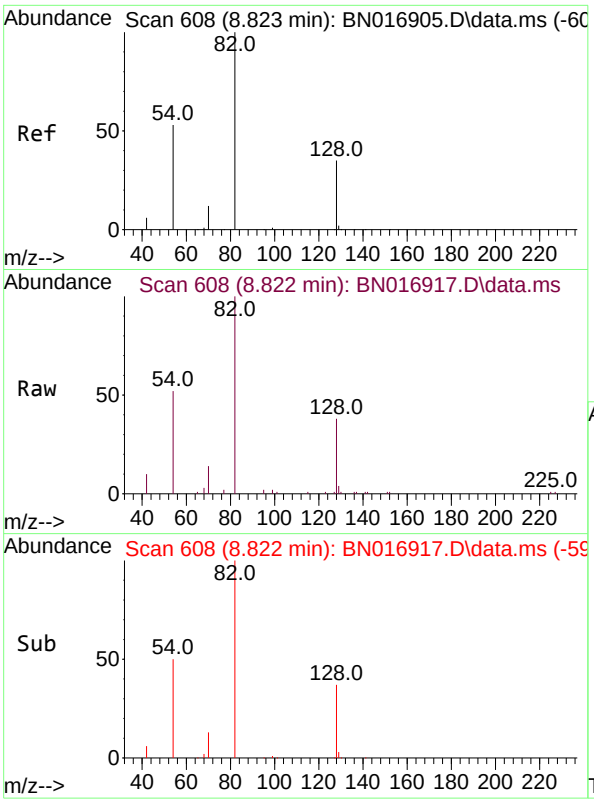


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:136 Resp: 96381

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	3.7	5.5#
68	6.4	3.2	4.8#

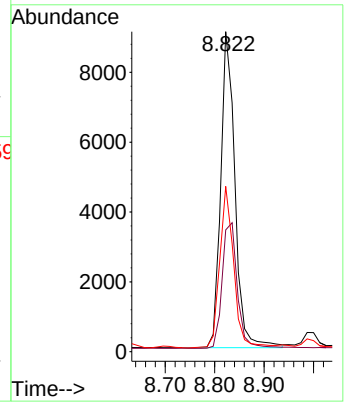




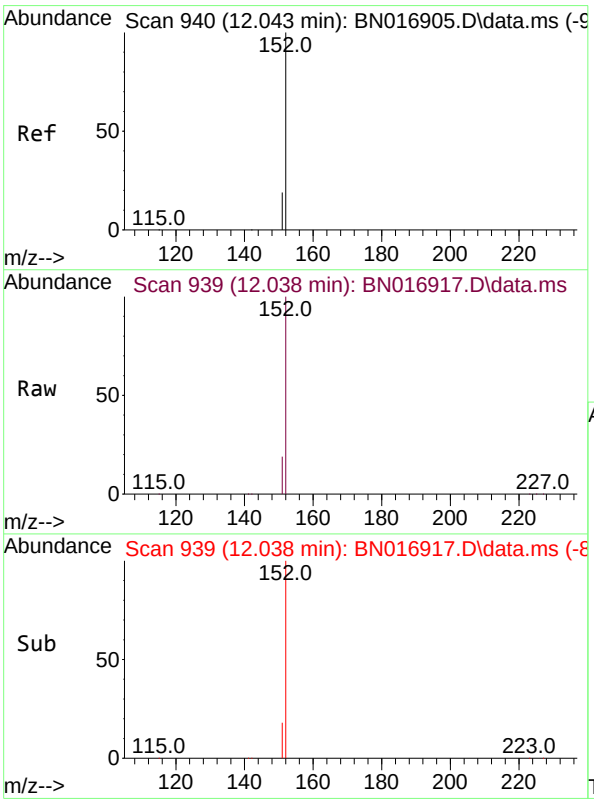
#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion: 82 Resp: 18010

Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.3	42.5
54	51.7	43.0	64.4



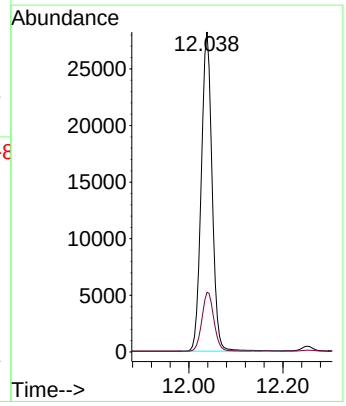
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)



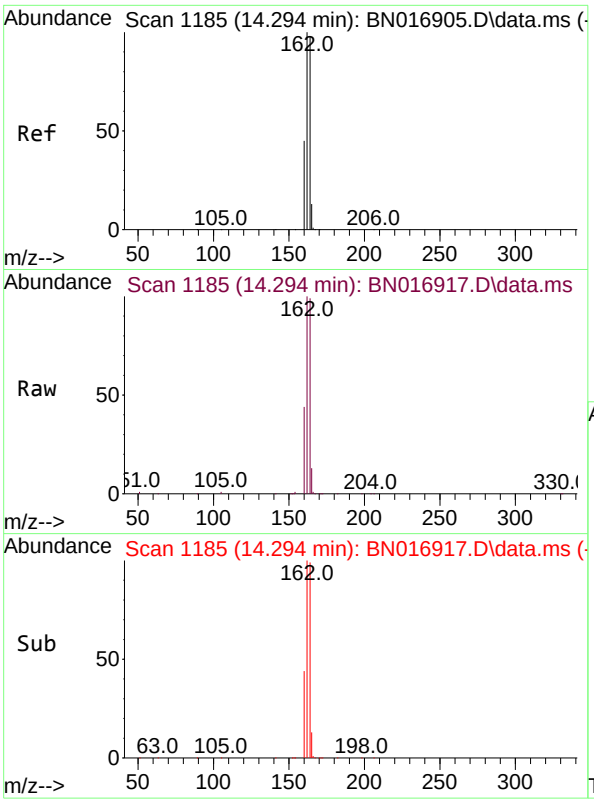
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:152 Resp: 45231

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



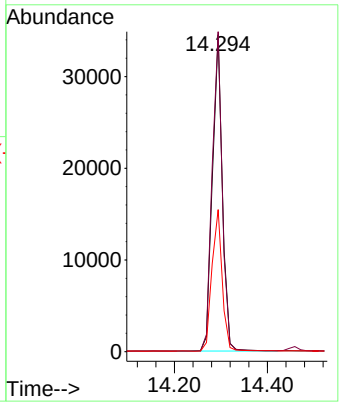
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

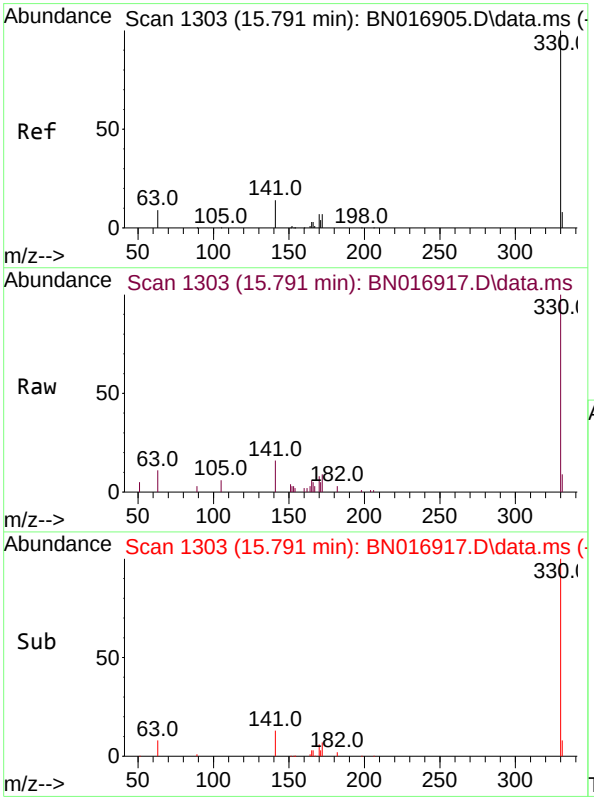


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:164 Resp: 51331

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	44.8	37.0	55.4

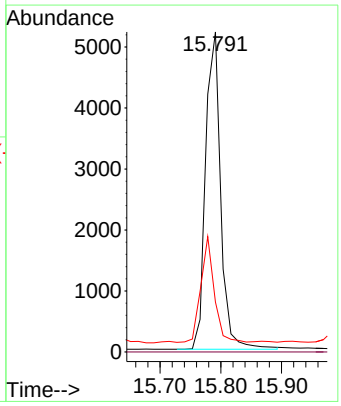


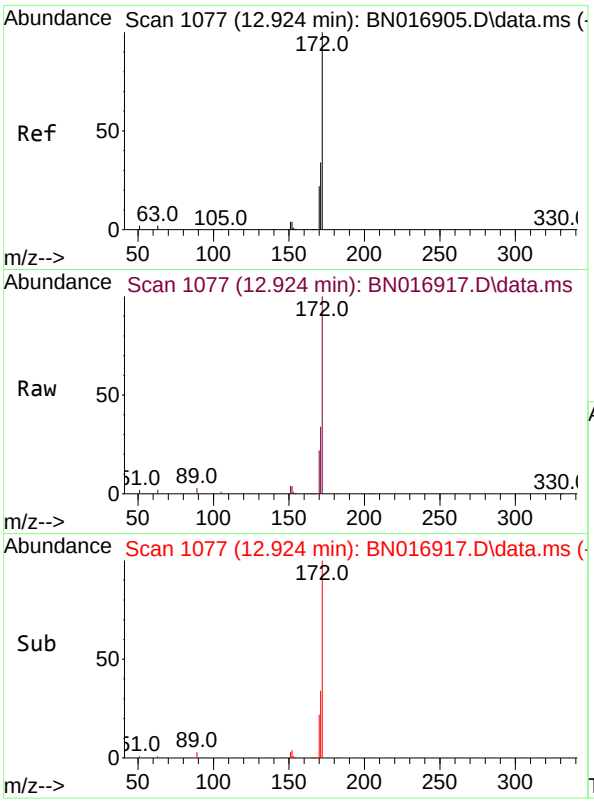


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:330 Resp: 8988

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.7	24.4	36.6

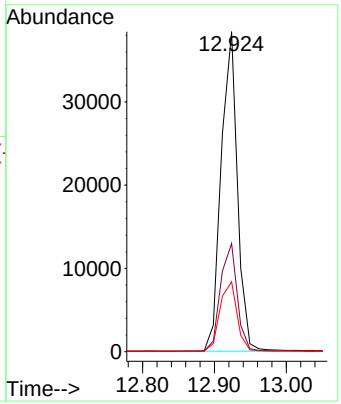




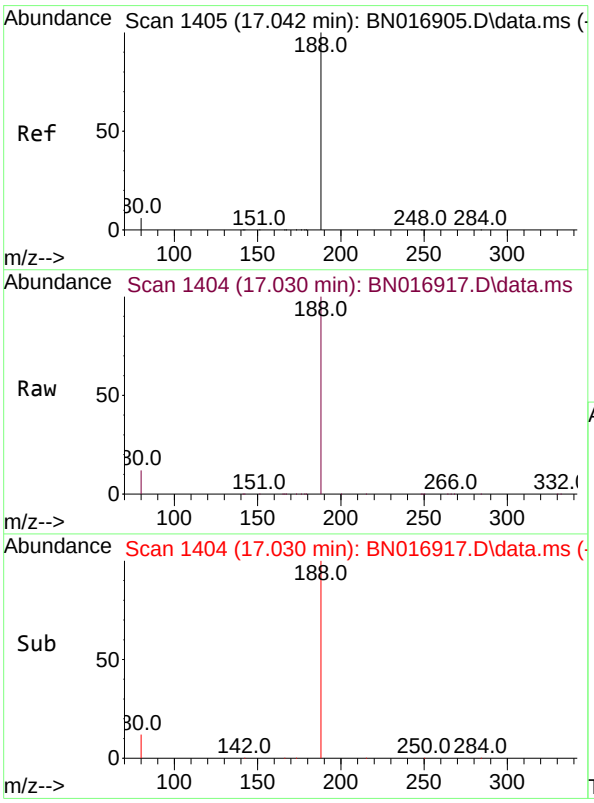
#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:172 Resp: 60421

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.4	41.0
170	21.8	18.1	27.1



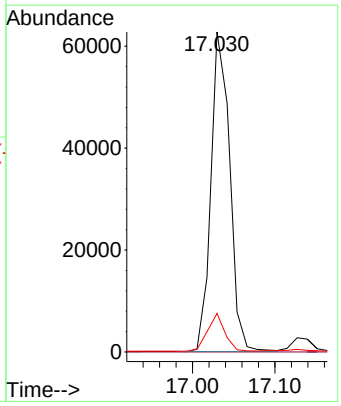
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

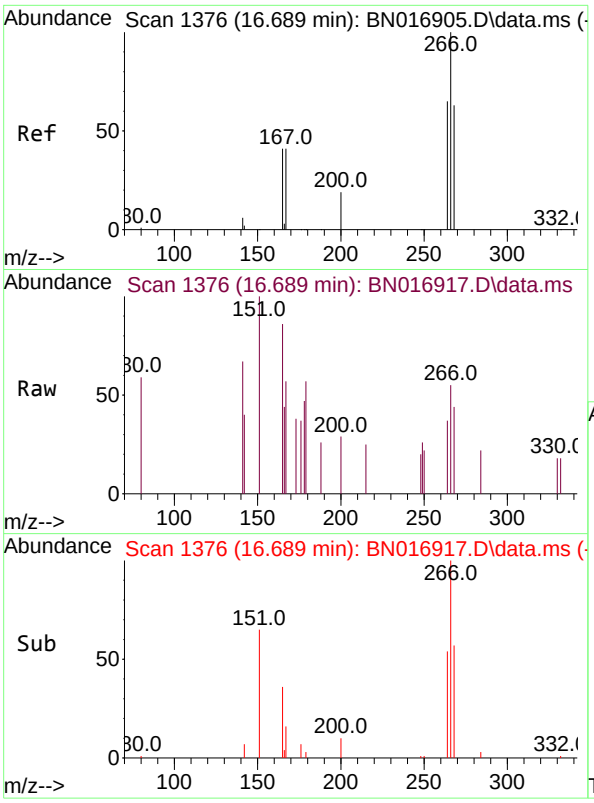


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:188 Resp: 99394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	4.9	7.3#

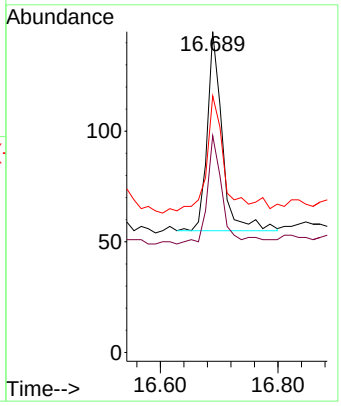




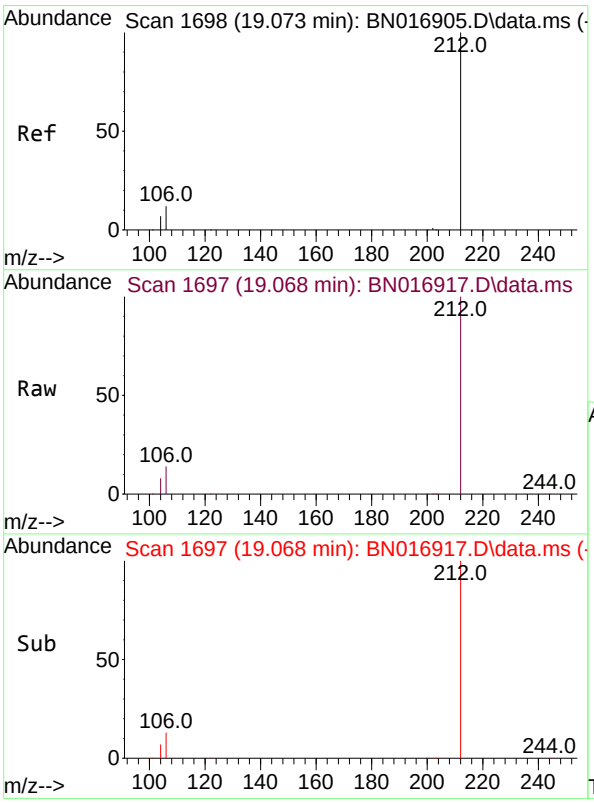
#24
Pentachlorophenol
Concen: 0.203 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:266 Resp: 159

Ion	Ratio	Lower	Upper
266	100		
264	55.3	50.5	75.7
268	78.0	51.2	76.8#



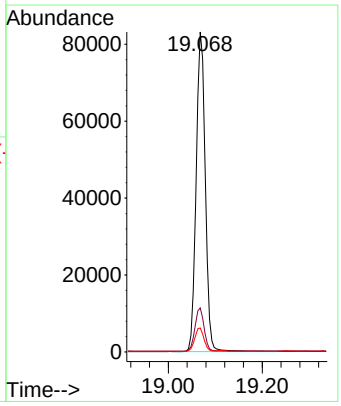
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)



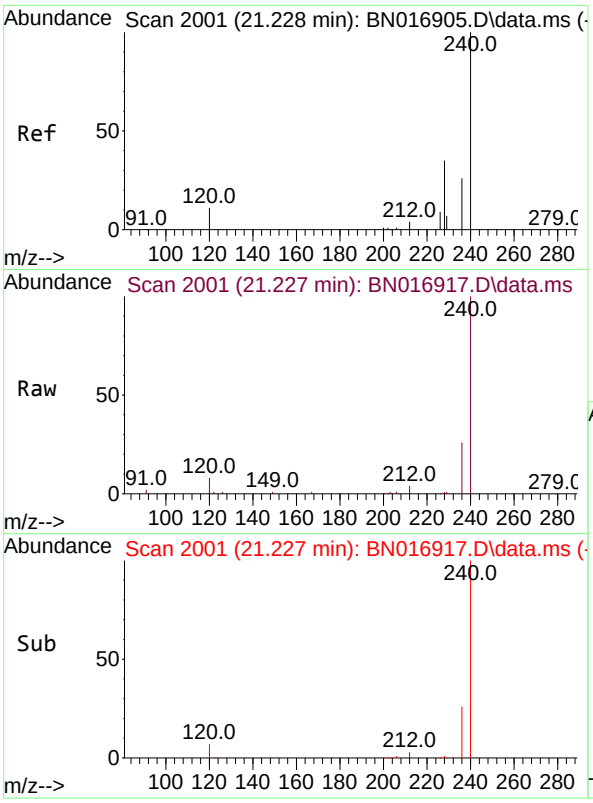
#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:212 Resp: 111916

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.7	16.1
104	7.3	5.8	8.8



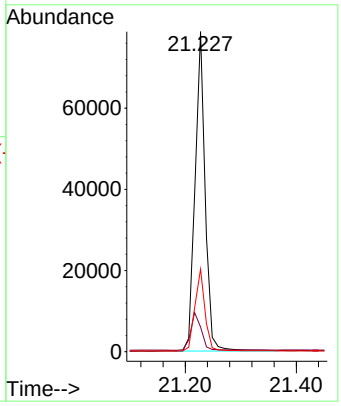
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

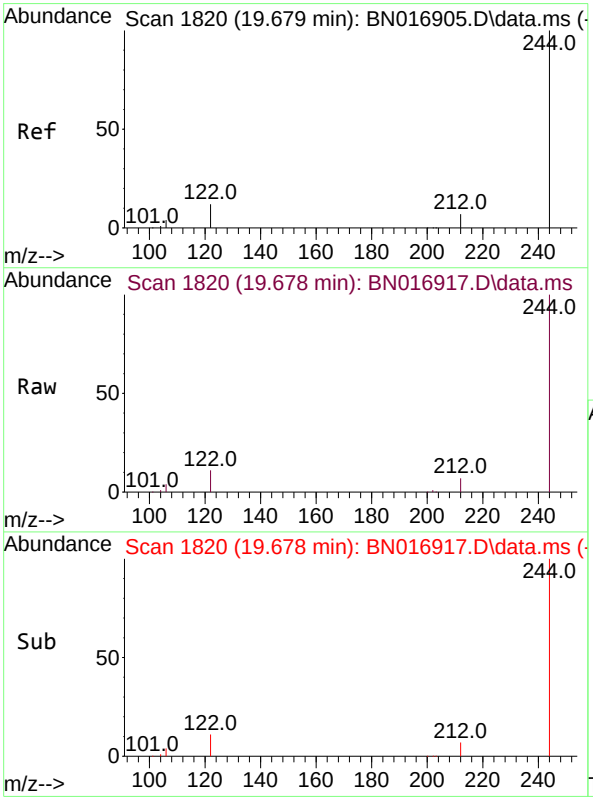


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:240 Resp: 99347

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.6	12.8#
236	25.8	21.0	31.4

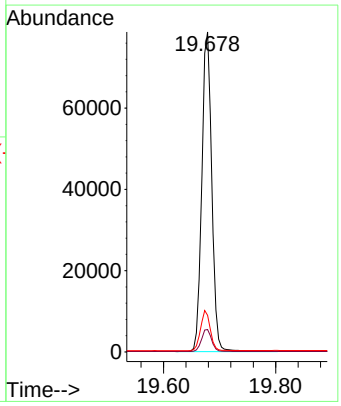




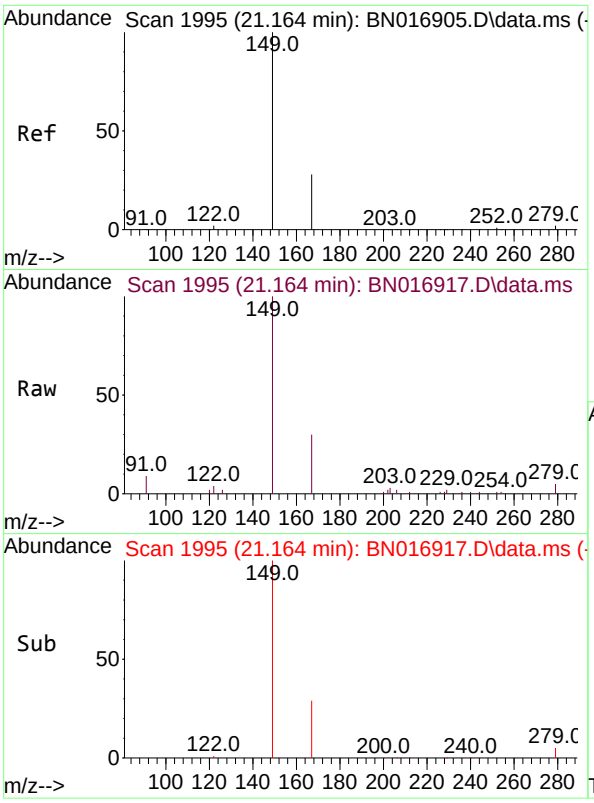
#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:244 Resp: 96853

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	9.8	14.6



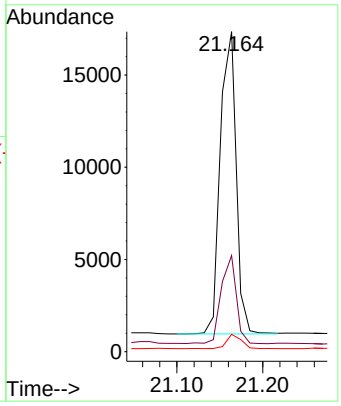
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

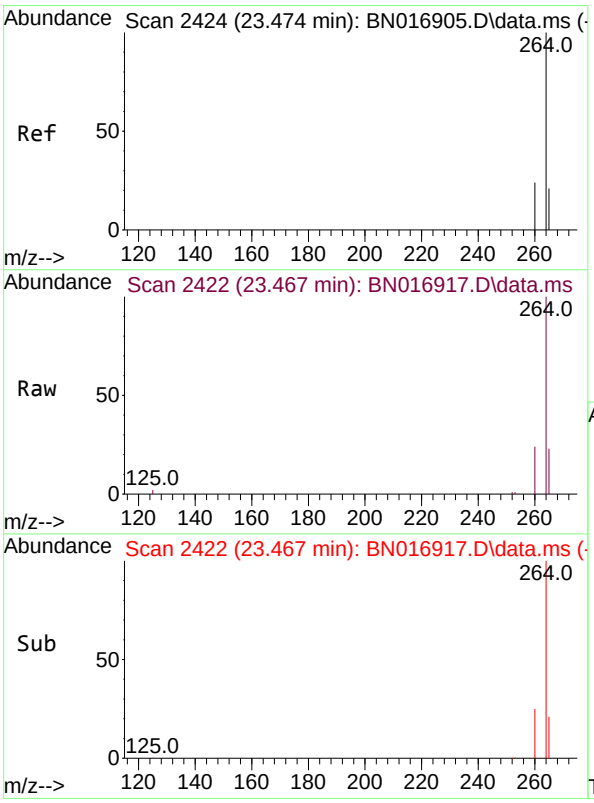


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

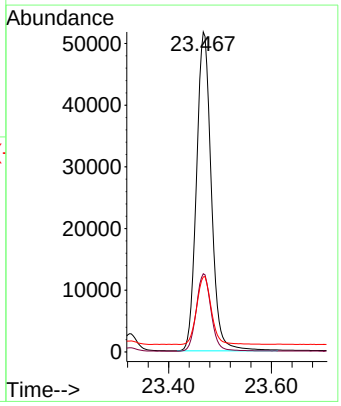
Tgt Ion:149 Resp: 21044

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.5	3.4	5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.467 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:264 Resp: 103231

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	23.5	18.6	27.8