Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033513.D
Acq On : 17 Dec 2021 19:30
Operator : CG/JU
Sample : M5051-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5

Quant Time: Dec 18 04:55:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	39321	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	160955	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	101313	20.000	ng	-0.01
64) Phenanthrene-d10	17.330	188	208759	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	130193	20.000	ng	# 0.00
86) Perylene-d12	23.918	264	71047	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	329012	144.382	ng	0.00
7) Phenol-d6	7.107	99	393131	128.554	ng	0.00
23) Nitrobenzene-d5	9.107	82	397056	105.922	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	160117	140.495	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	792624	108.223	ng	0.00
79) Terphenyl-d14	19.948	244	956795	115.698	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	170	Below Cal	#	30
9) Benzaldehyde	7.113	77	1351	Below Cal	#	7
32) Benzoic acid	10.131	122	58	3.000	ng	# 1
91) Dibenzo(a,h)anthracene	26.465	278	6253	2.545	ng	# 91

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

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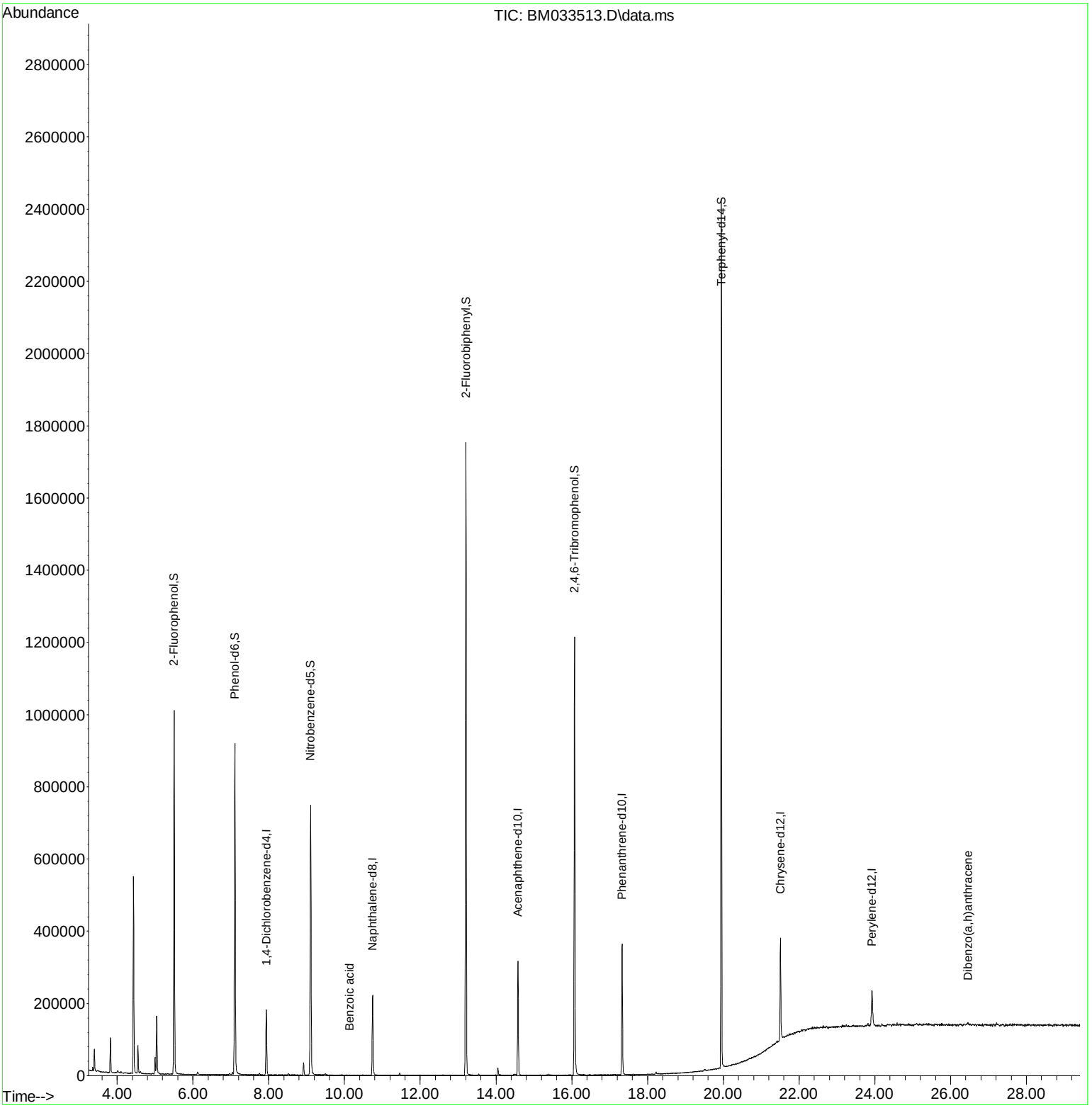
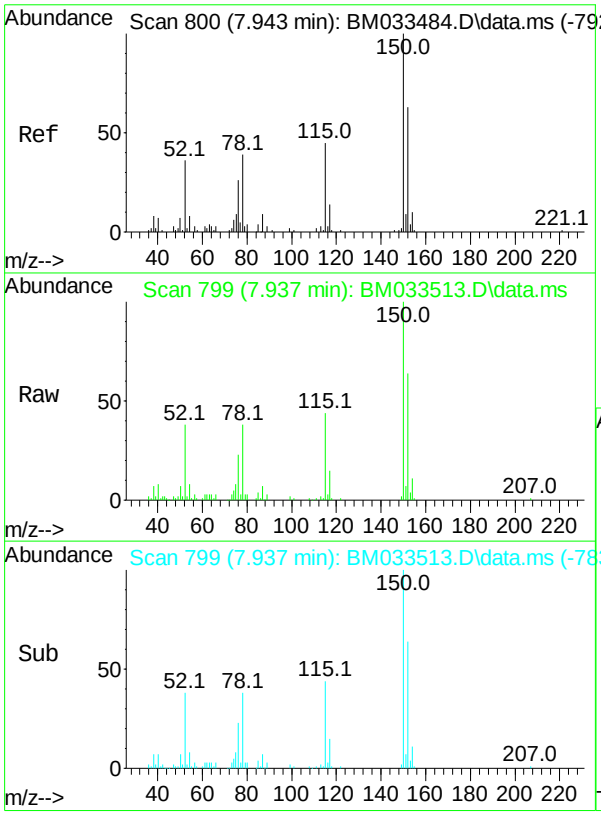


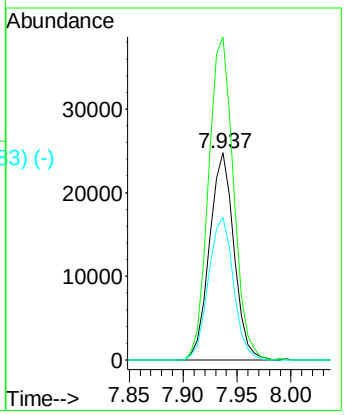


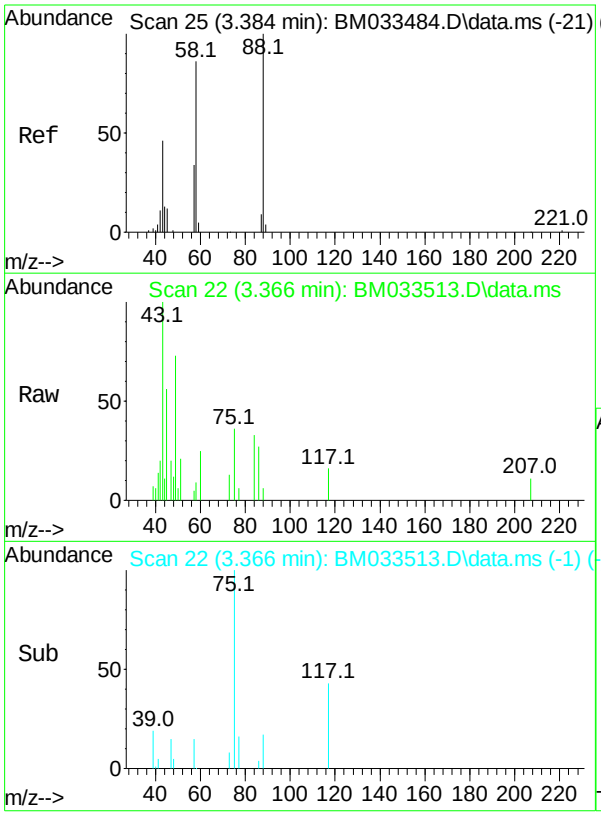
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion:152 Resp: 39321

Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.9	193.3
115	68.8	53.0	79.6

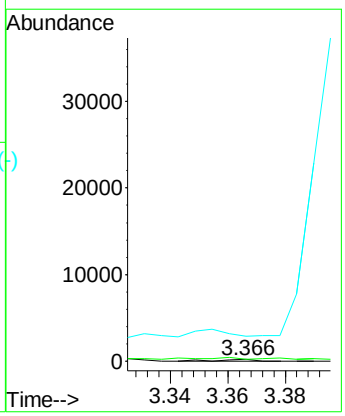


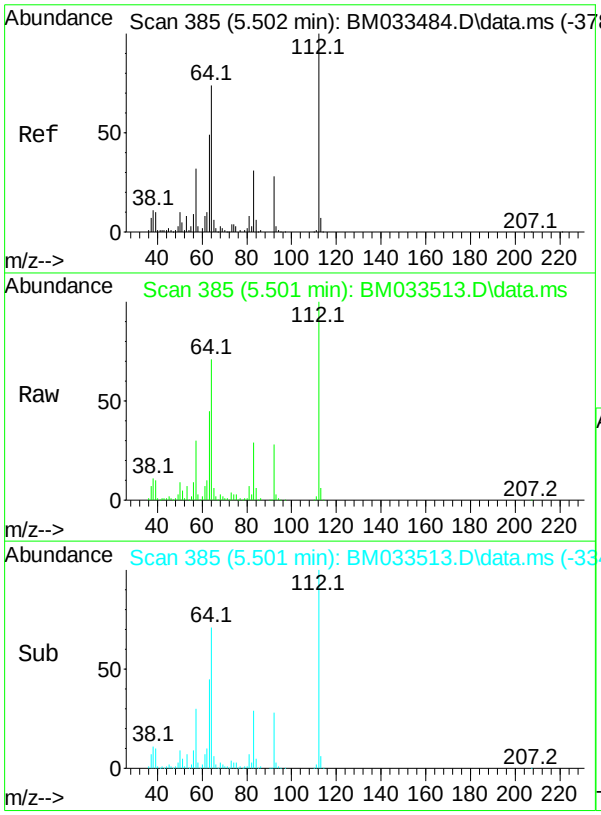


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.366 min Scan# 22
Delta R.T. -0.018 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion: 88 Resp: 170

Ion	Ratio	Lower	Upper
88	100		
58	148.8	67.0	100.4#
43	0.0	31.6	47.4#



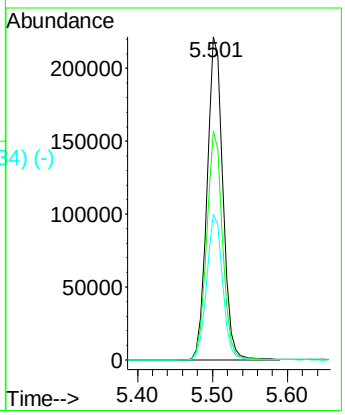


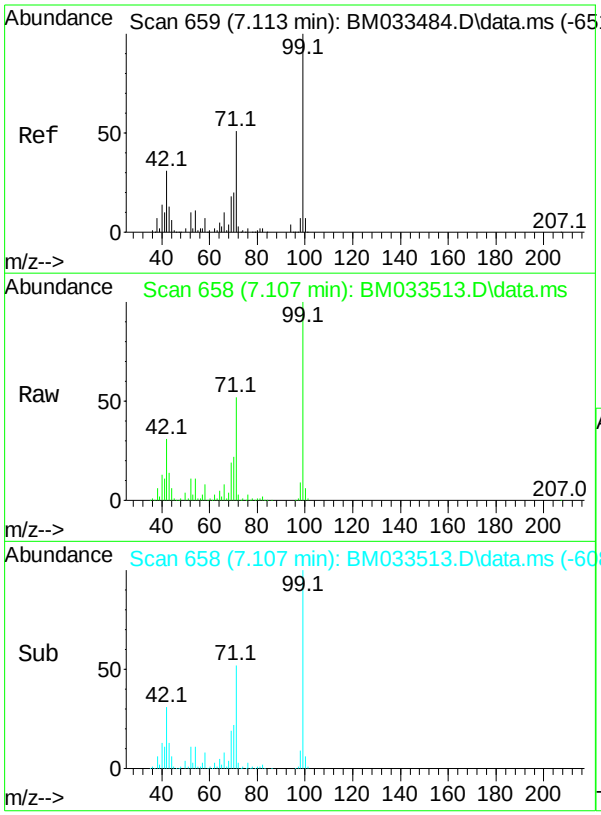
#5
2-Fluorophenol
Concen: 144.382 ng
RT: 5.501 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion:112 Resp: 329012

Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.5	83.3
63	45.1	31.3	46.9

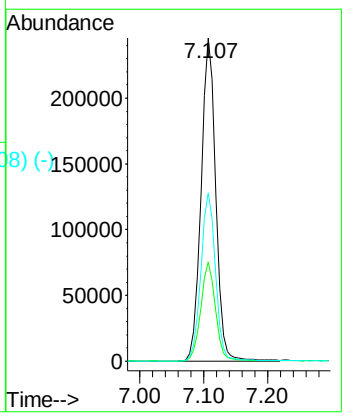


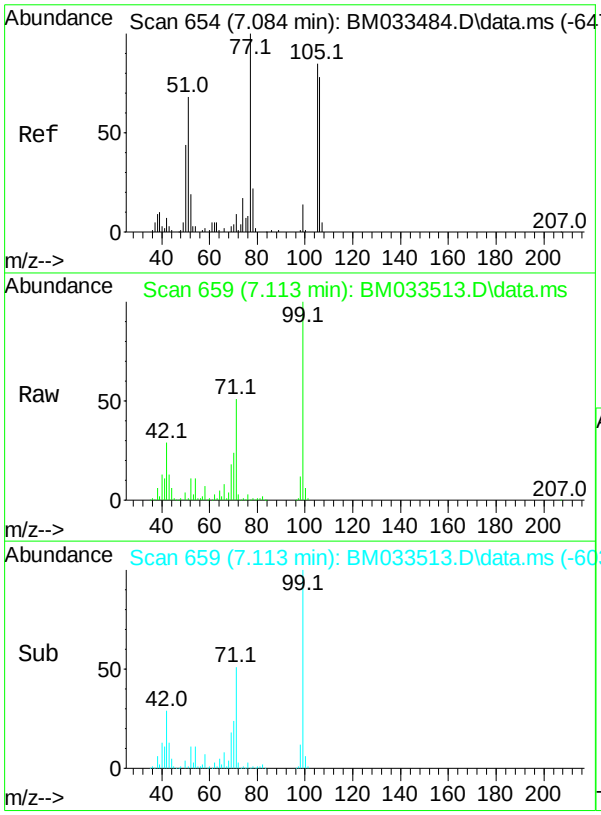


#7
Phenol-d6
Concen: 128.554 ng
RT: 7.107 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion: 99 Resp: 393131

Ion	Ratio	Lower	Upper
99	100		
42	30.7	20.3	30.5#
71	52.1	34.5	51.7#



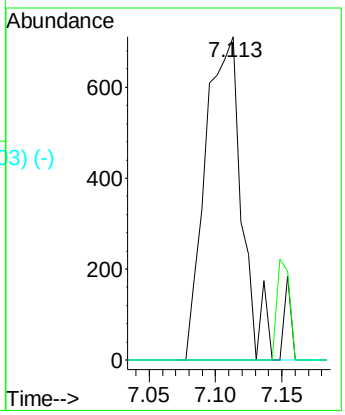


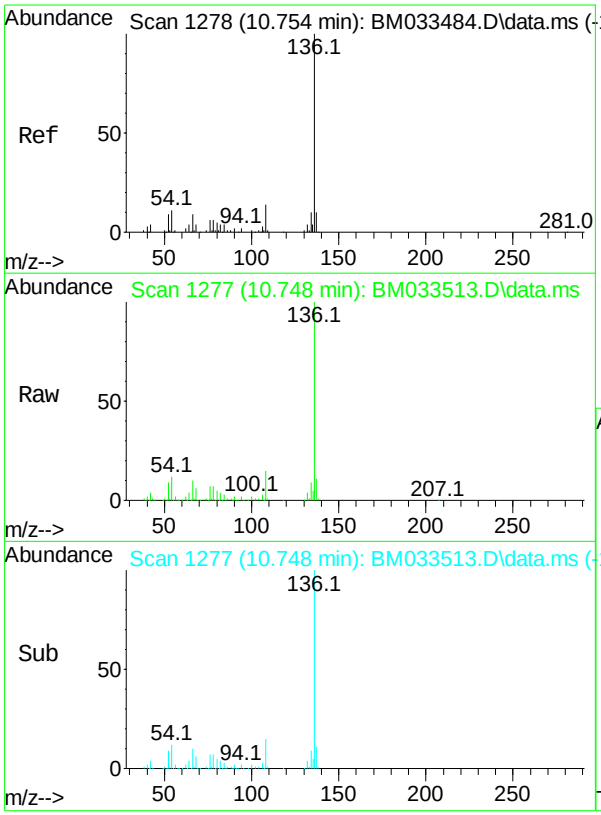
#9
Benzaldehyde
Concen: Below Cal
RT: 7.113 min Scan# 6
Delta R.T. 0.029 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion: 77 Resp: 1351

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.1	107.1#
106	0.0	64.3	104.3#

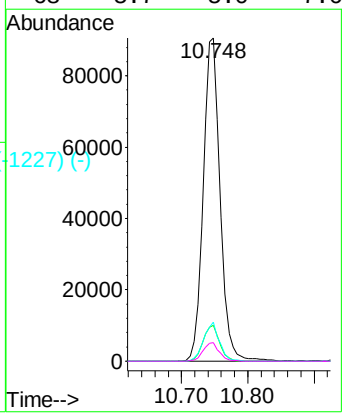


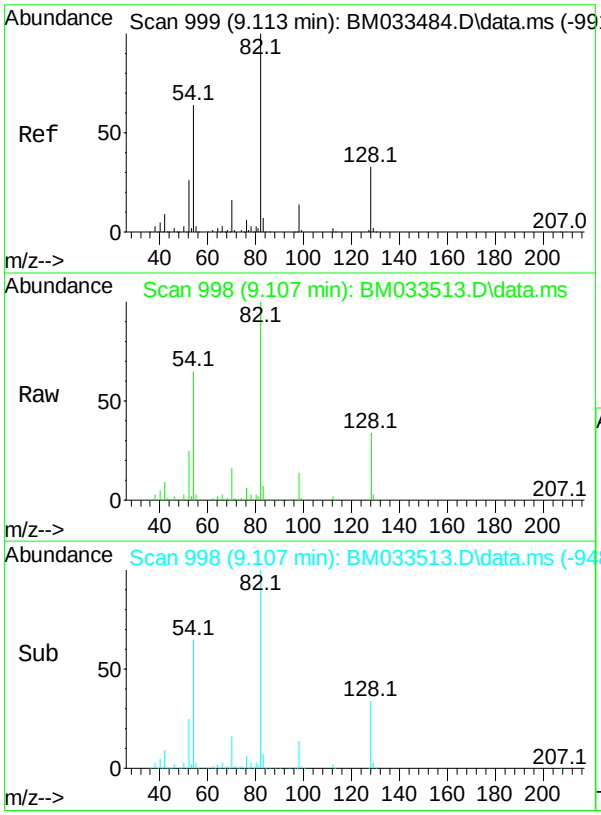


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:136 Resp: 160955

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	12.1	8.3	12.5
68	5.7	5.0	7.6



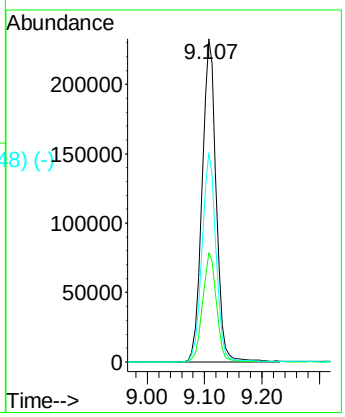


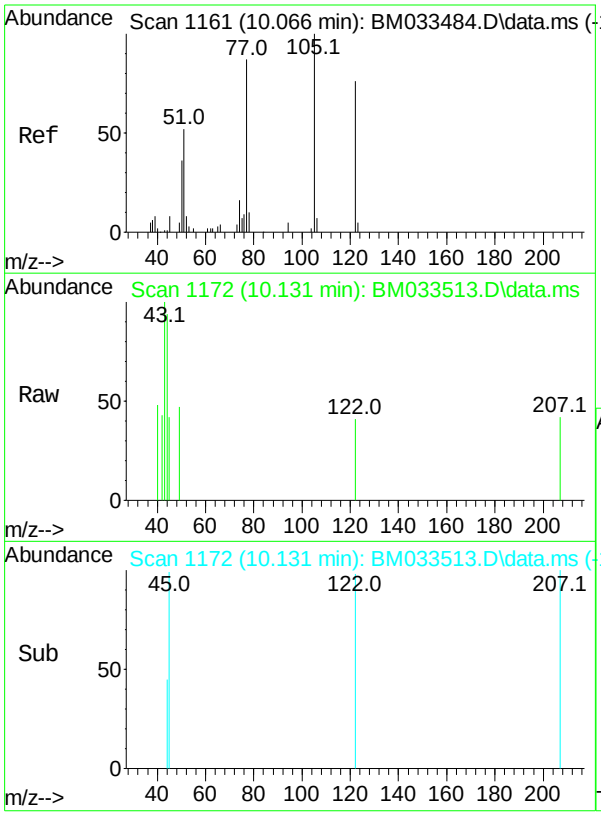
#23
Nitrobenzene-d5
Concen: 105.922 ng
RT: 9.107 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion: 82 Resp: 397056

Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.1	42.1
54	64.8	46.1	69.1

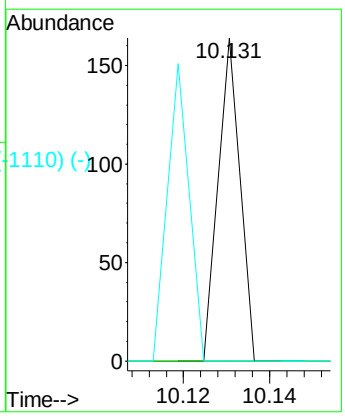


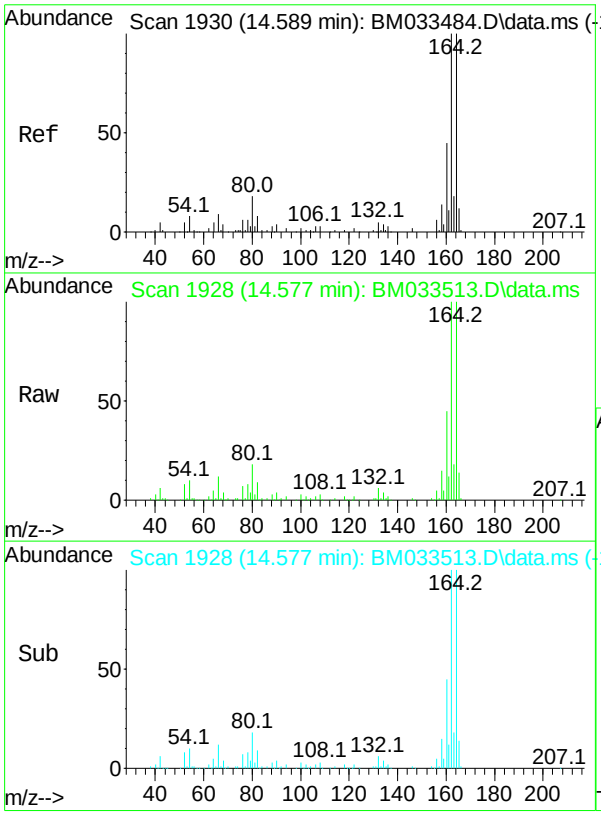


#32
Benzoic acid
Concen: 3.000 ng
RT: 10.131 min Scan# 1172
Delta R.T. 0.065 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.6	159.6#
77	0.0	101.0	141.0#



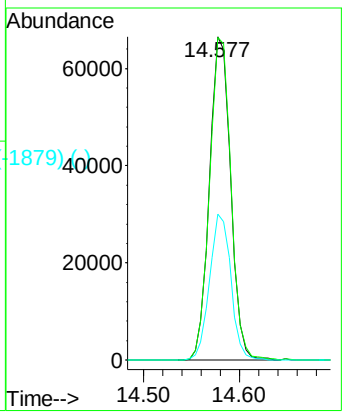


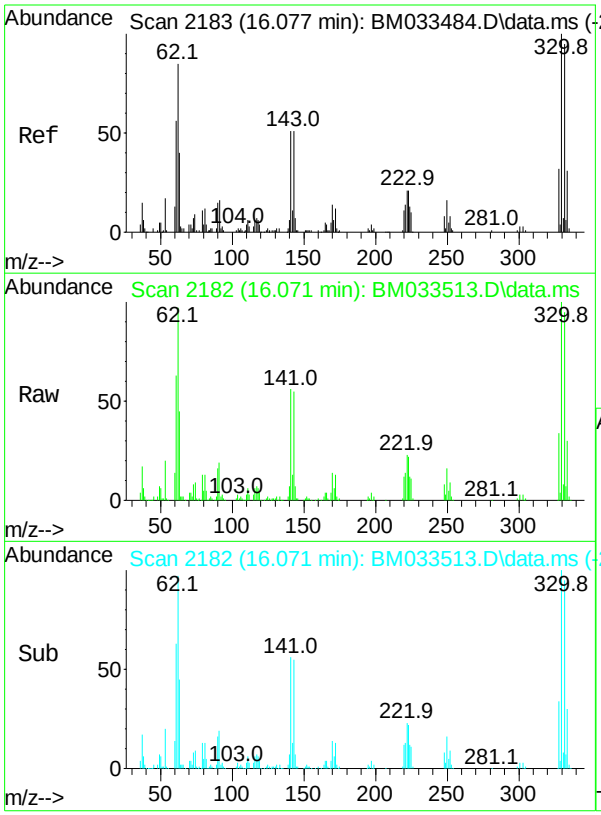
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion:164 Resp: 101313

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.7	119.5
160	45.2	34.2	51.4

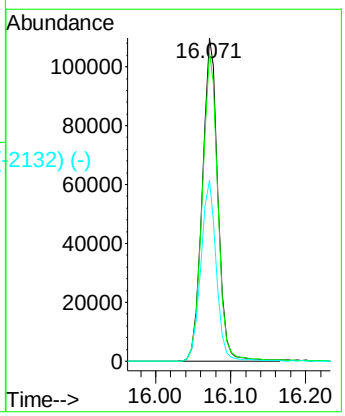


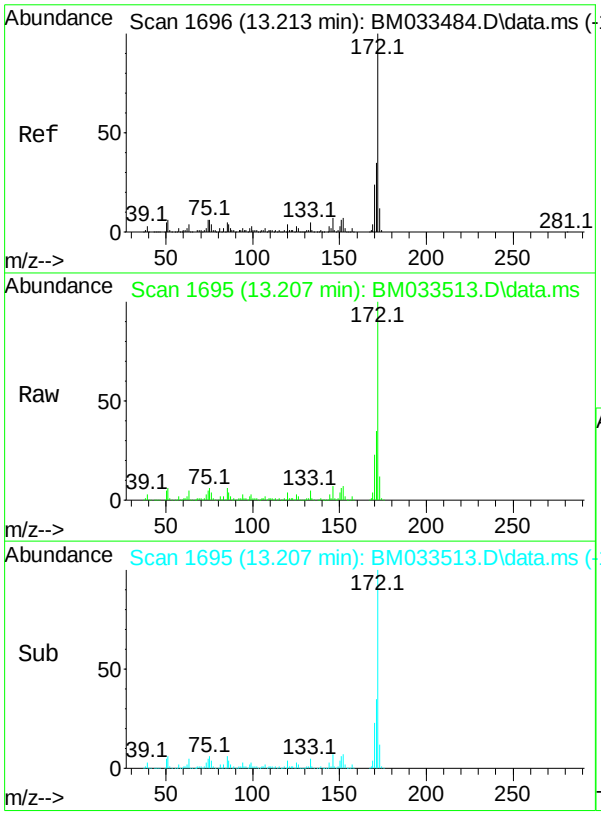


#42
2,4,6-Tribromophenol
Concen: 140.495 ng
RT: 16.071 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:330 Resp: 160117

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	55.8	35.9	53.9#



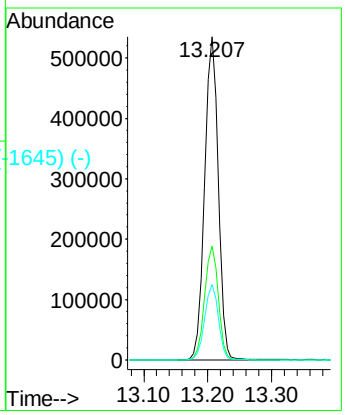


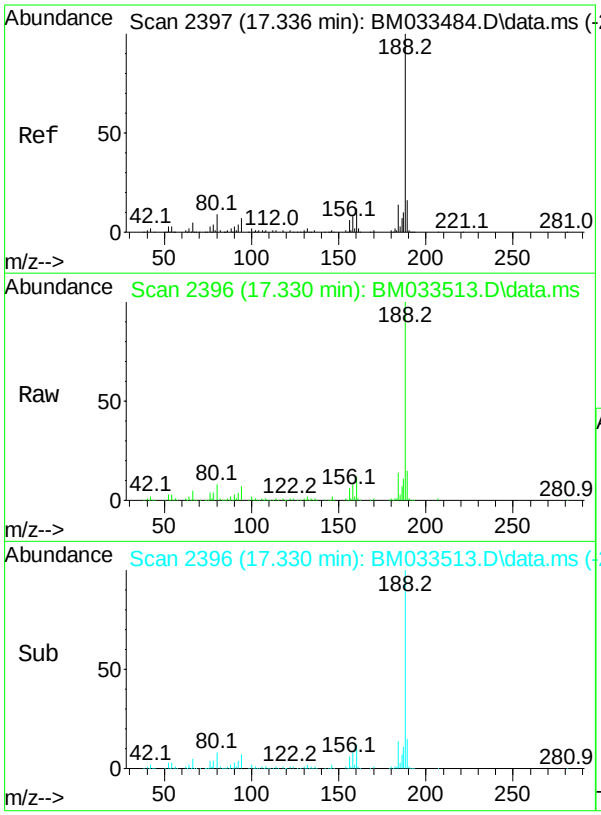
#45
2-Fluorobiphenyl
Concen: 108.223 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion:172 Resp: 792624

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	23.3	18.7	28.1

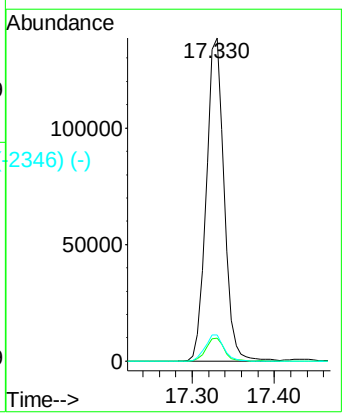


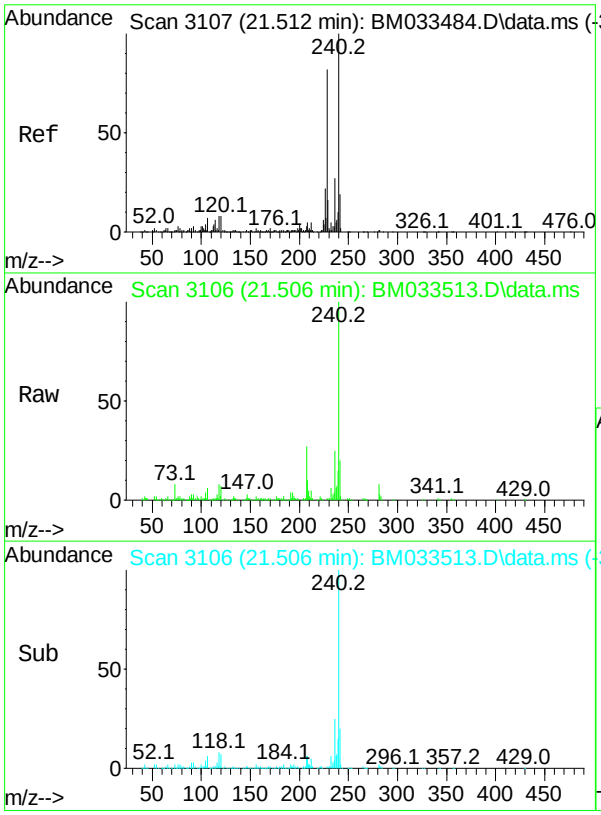


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:188 Resp: 208759

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.5	11.3#
80	8.1	8.9	13.3#



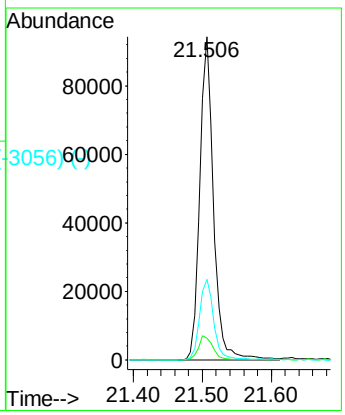


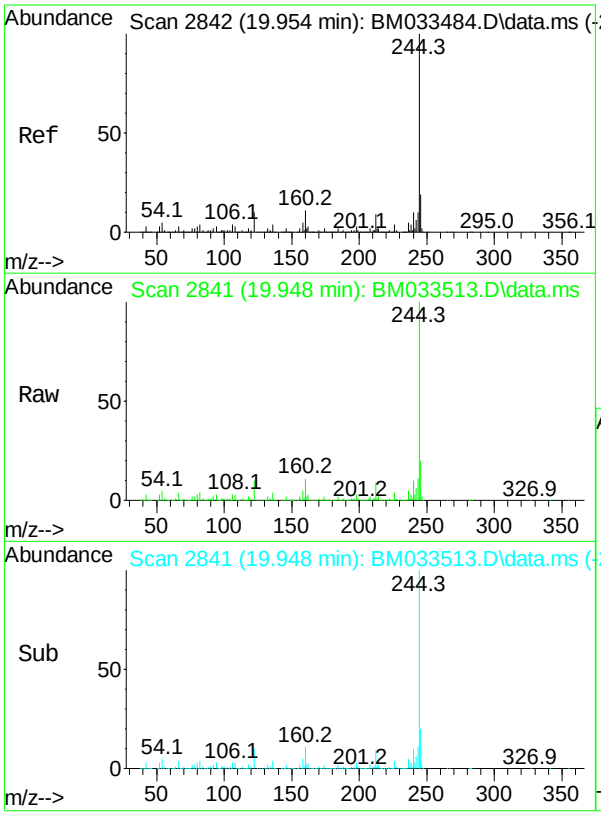
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion:240 Resp: 130193

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.8	11.6#
236	25.0	20.3	30.5

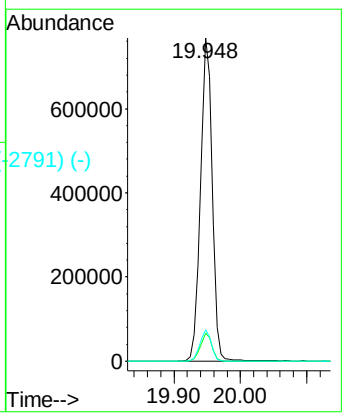


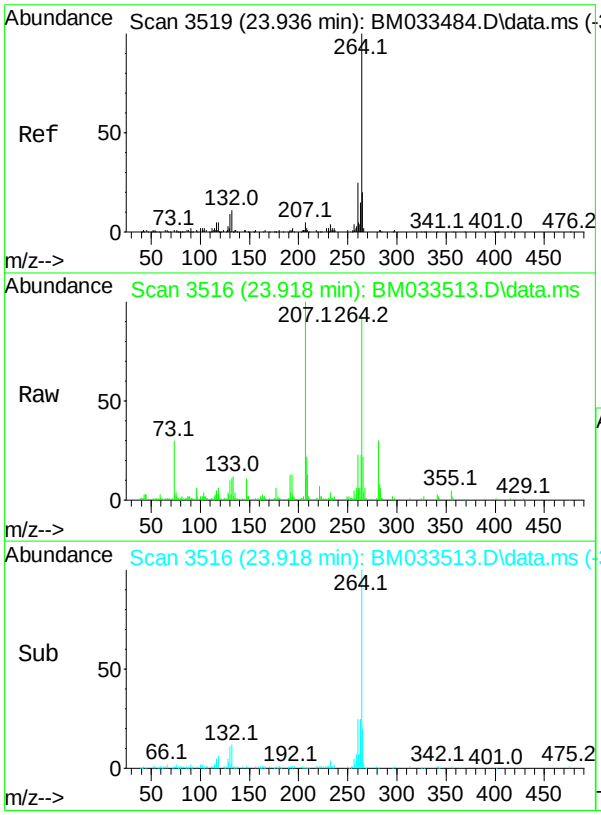


#79
Terphenyl-d14
Concen: 115.698 ng
RT: 19.948 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:244 Resp: 956795

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.9	8.9
122	9.7	8.4	12.6



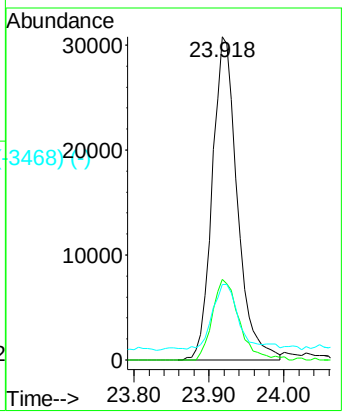


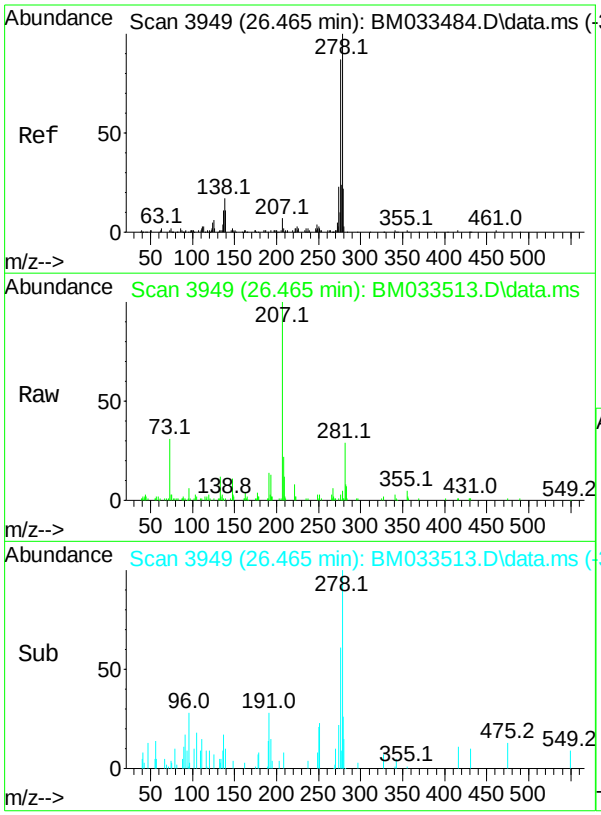
#90
Perylene-d12
Concen: 20.000 ng
RT: 23.918 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Instrument :
BNA_M
ClientSampleId :
A5

Tgt Ion:264 Resp: 71047

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.7	26.5
265	23.4	17.7	26.5





#91
Dibenzo(a,h)anthracene
Concen: 2.545 ng
RT: 26.465 min Scan# 3949
Delta R.T. -0.000 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:278 Resp: 6253

Ion	Ratio	Lower	Upper
278	100		
139	9.9	10.9	16.3#
279	26.2	17.7	26.5