Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Time: Aug 19 01:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	164690	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	657475	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	417913	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	832801	20.000	ng		0.00
76) Chrysene-d12	21.624	240	885684	20.000	ng		-0.02
86) Perylene-d12	24.995	264	1055308	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	189368	19.095	ng		0.00
7) Phenol-d6	6.966	99	244099	19.199	ng		0.00
23) Nitrobenzene-d5	8.925	82	157759	12.138	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	105717	18.794	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	389890	12.750	ng		0.00
79) Terphenyl-d14	19.919	244	625886	12.929	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.119	152	406656	10.401	ng		99
71) Phenanthrene	17.236	178	516366	11.287	ng		100
72) Anthracene	17.331	178	627288	13.427	ng		100
73) Carbazole	17.607	167	145506	3.307	ng		99
75) Fluoranthene	19.319	202	2533157	46.420	ng		99
78) Pyrene	19.695	202	2459371	42.722	ng		100
81) Benzo(a)anthracene	21.607	228	1711450	29.300	ng		96
83) Chrysene	21.677	228	1756967	32.119	ng		97
87) Indeno(1,2,3-cd)pyrene	28.836	276	1070327	13.830	ng	#	89
88) Benzo(b)fluoranthene	23.948	252	2596346	41.723	ng		99
89) Benzo(k)fluoranthene	23.948	252	2596346	41.694	ng		98
90) Benzo(a)pyrene	24.848	252	1365210	22.538	ng		98
91) Dibenzo(a,h)anthracene	28.895	278	312826	4.946	ng		94
92) Benzo(g,h,i)perylene	30.000	276	944424	15.191	ng		99

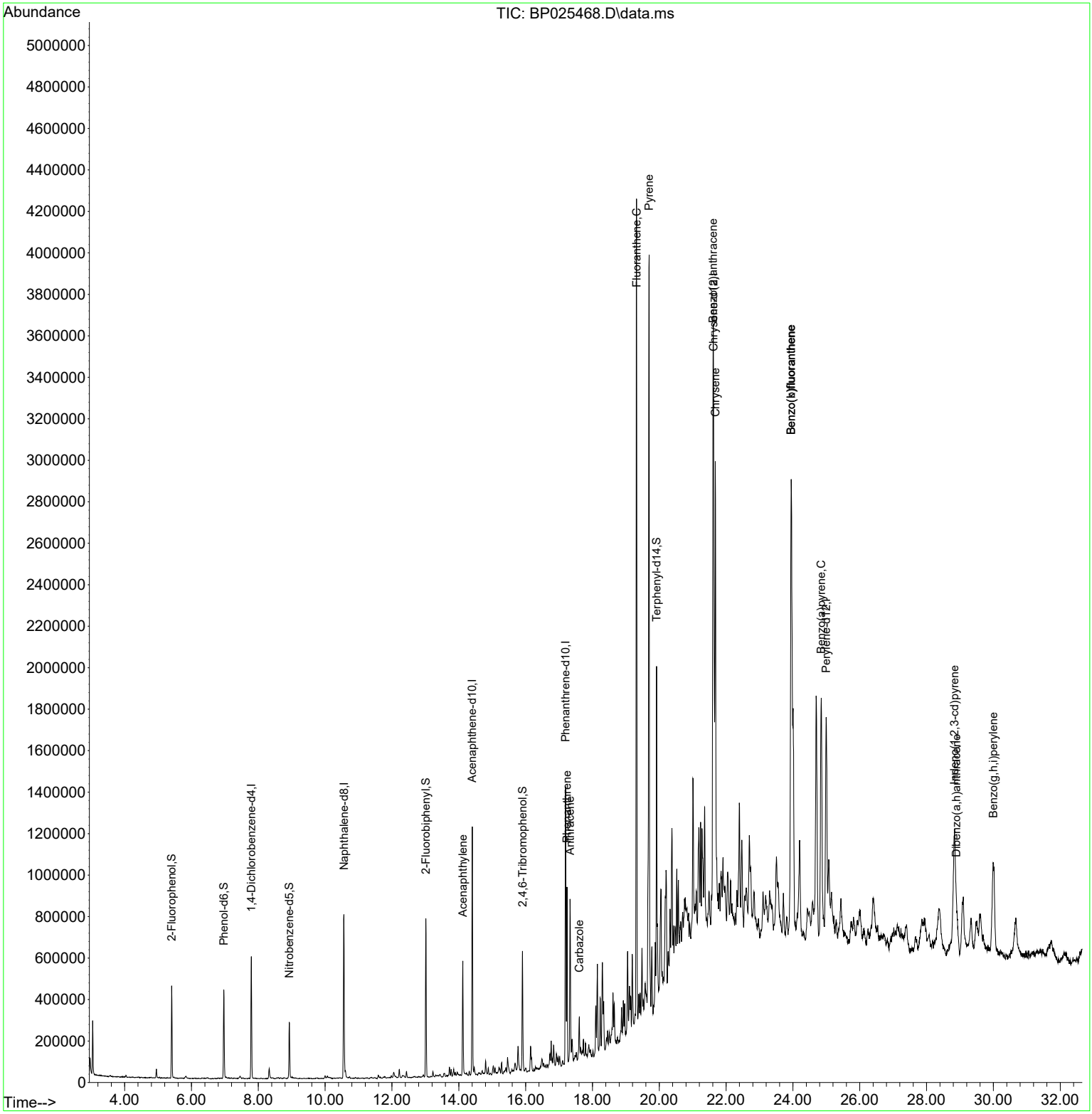
(#) = qualifier out of range (m) = manual integration (+) = signals summed

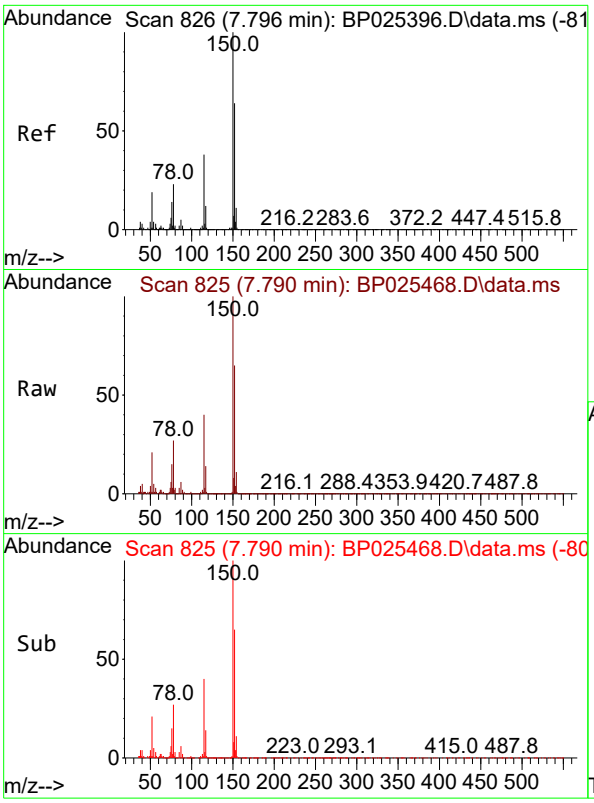
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Time: Aug 19 01:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



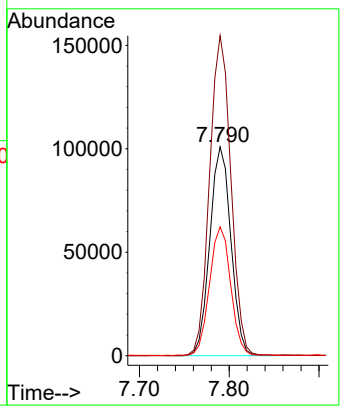


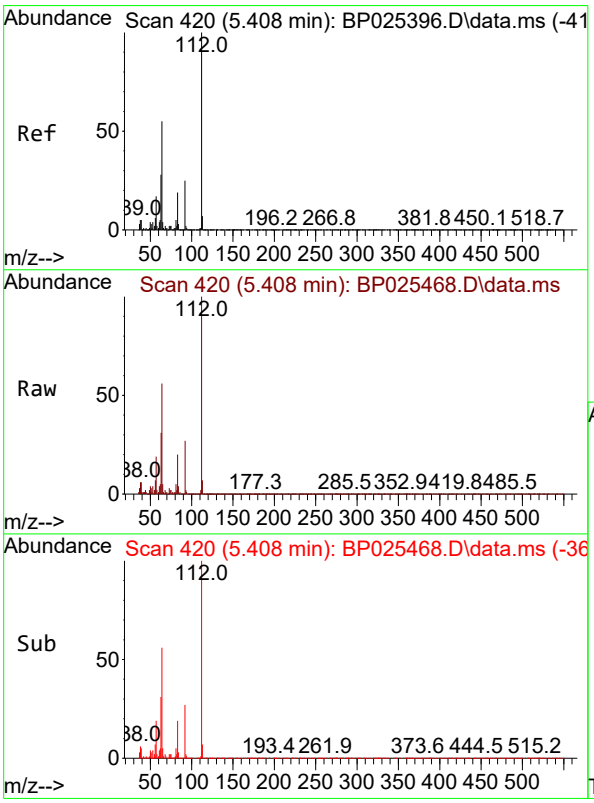
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:152 Resp: 164690

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.9	188.9
115	61.7	48.5	72.7

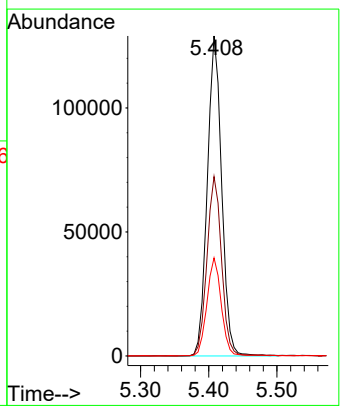


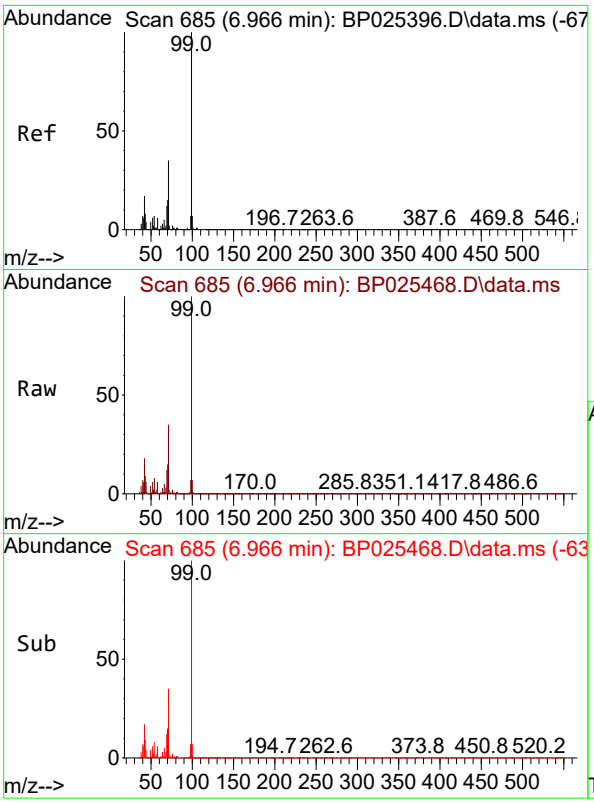


#5
2-Fluorophenol
Concen: 19.095 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:112 Resp: 189368

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.8
63	30.6	22.7	34.1



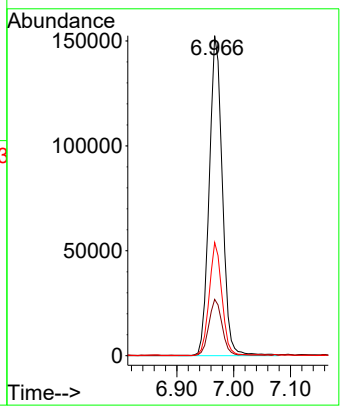


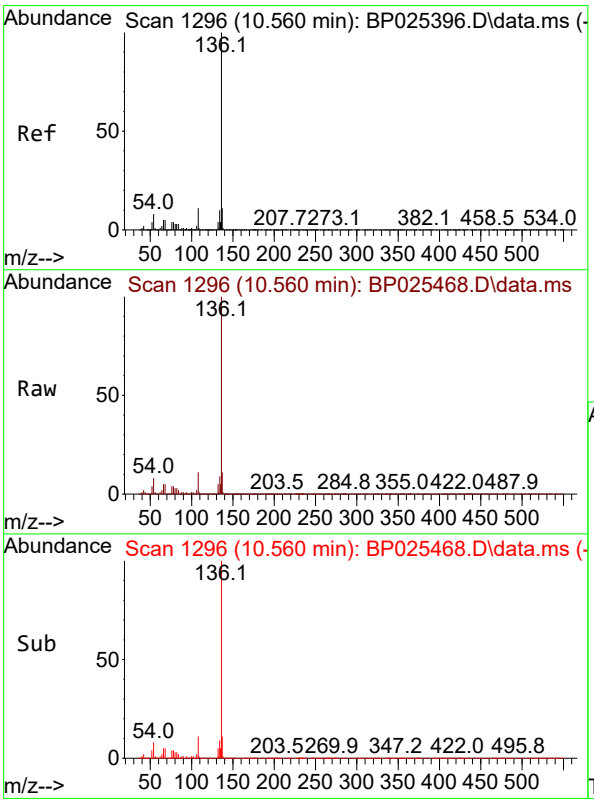
#7
Phenol-d6
Concen: 19.199 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion: 99 Resp: 244099

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.7	20.5
71	35.3	28.2	42.4

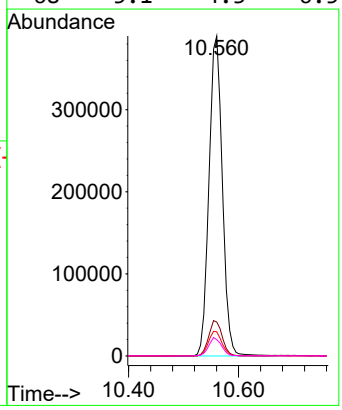


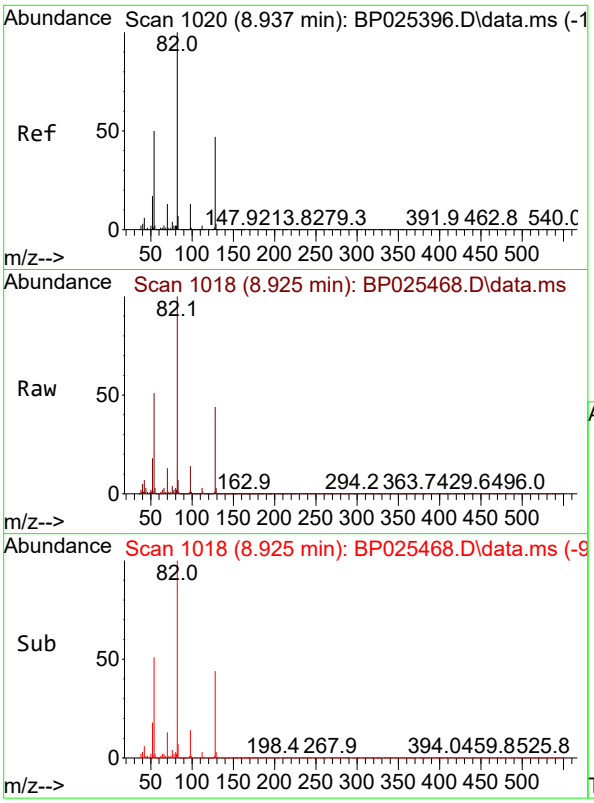


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:136 Resp: 657475

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	6.0	9.0
68	5.1	4.3	6.5



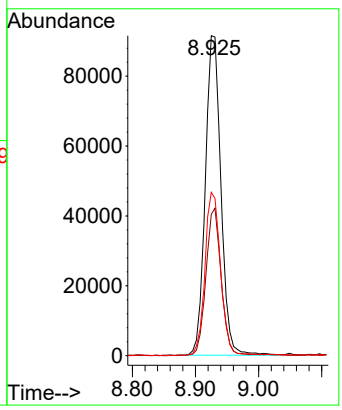


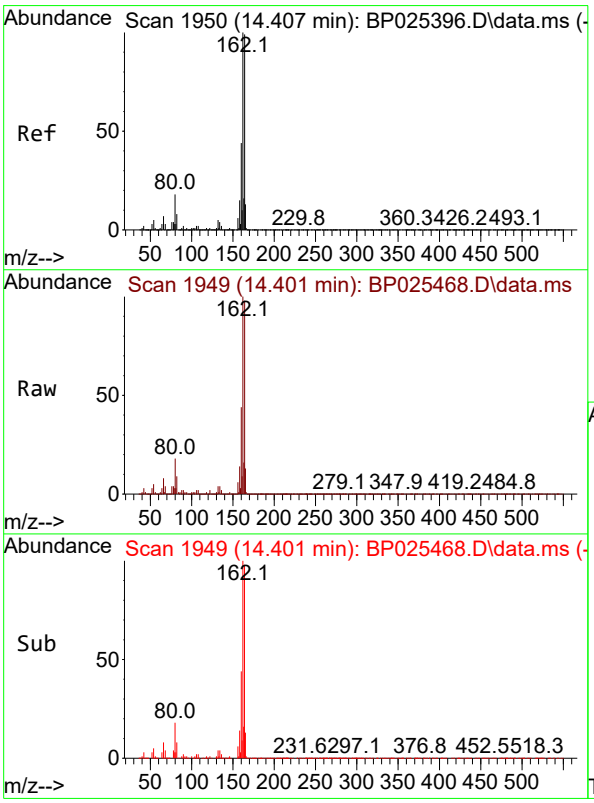
#23
Nitrobenzene-d5
Concen: 12.138 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion: 82 Resp: 157759

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.7	56.5
54	51.1	39.8	59.6

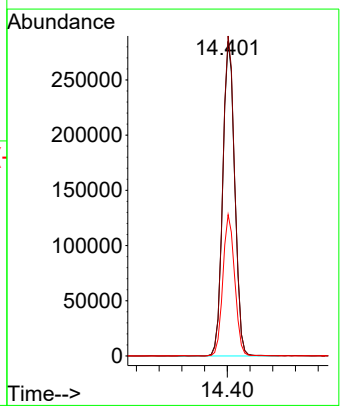


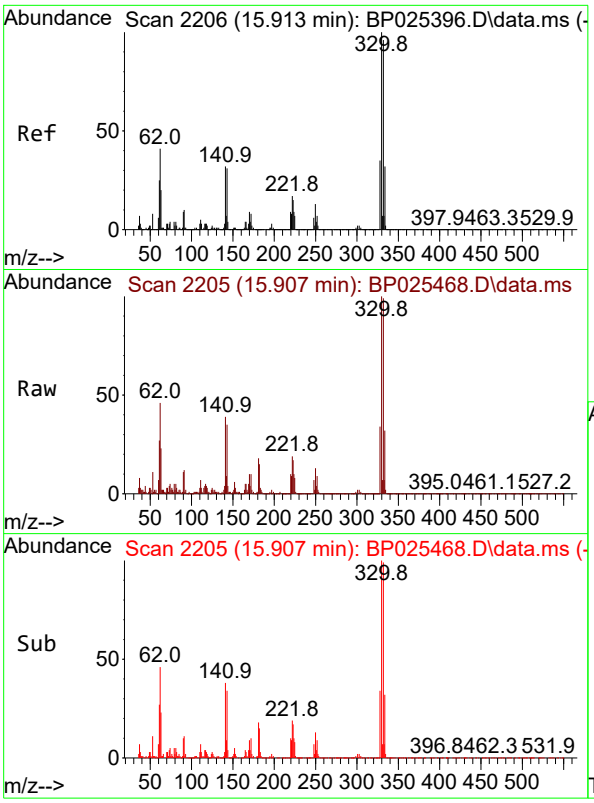


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:164 Resp: 417913

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.6
160	44.9	35.4	53.2



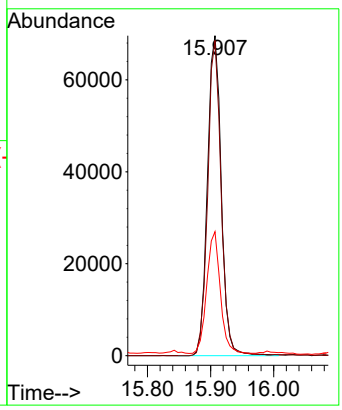


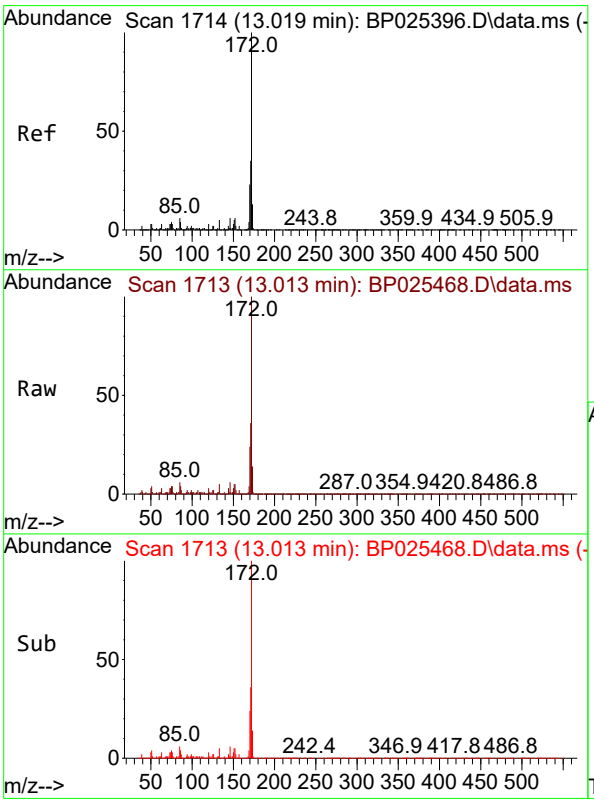
#42
2,4,6-Tribromophenol
Concen: 18.794 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:330 Resp: 105717

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	37.9	26.6	39.8

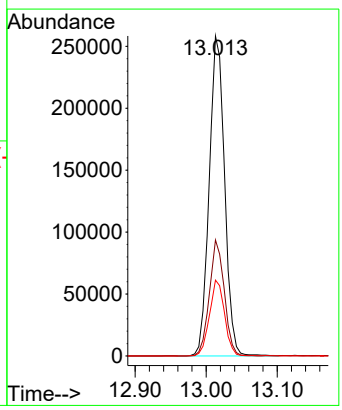


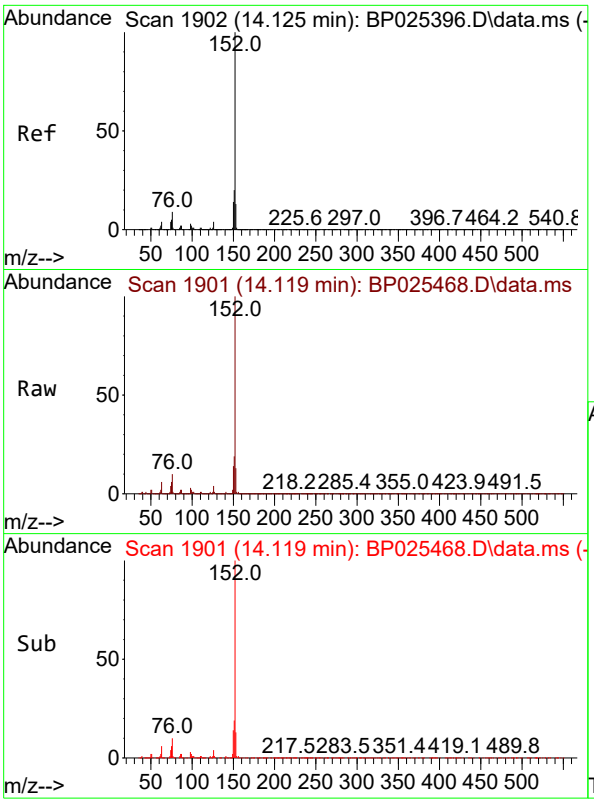


#45
2-Fluorobiphenyl
Concen: 12.750 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:172 Resp: 389890

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.1	42.1
170	23.7	18.6	28.0



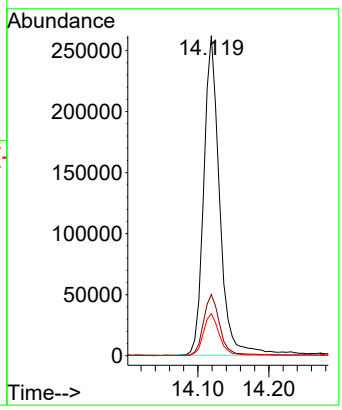


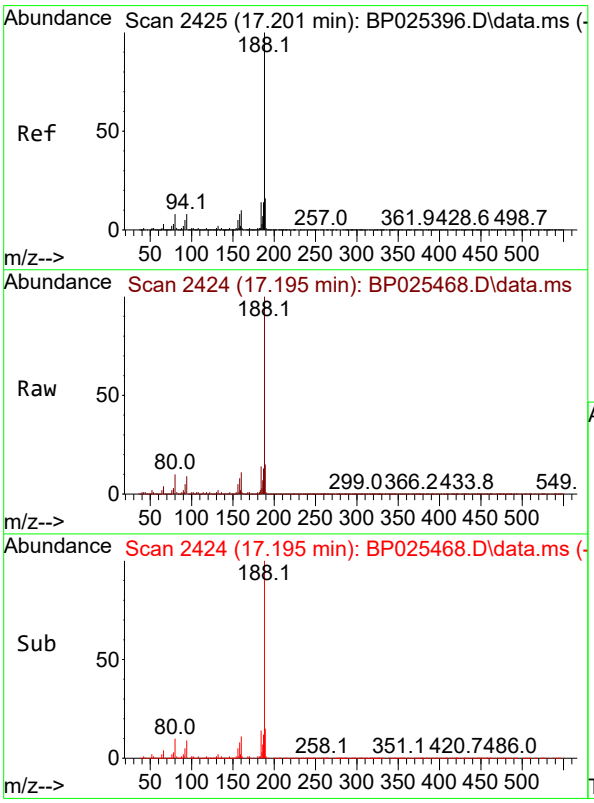
#49
Acenaphthylene
Concen: 10.401 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:152 Resp: 406656

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.0	24.0
153	13.1	10.6	15.8

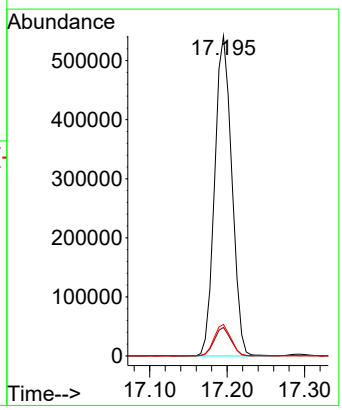


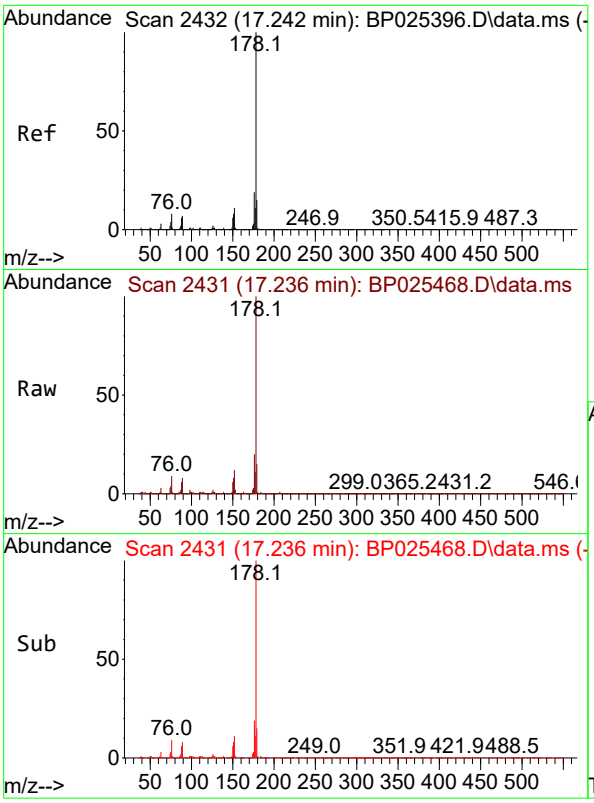


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:188 Resp: 832801

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.9	6.7	10.1



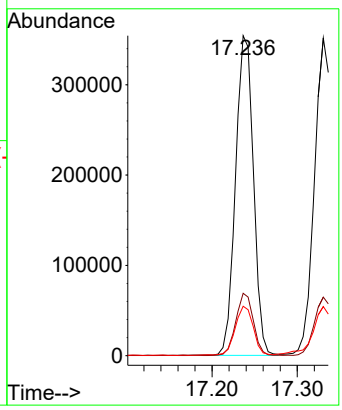


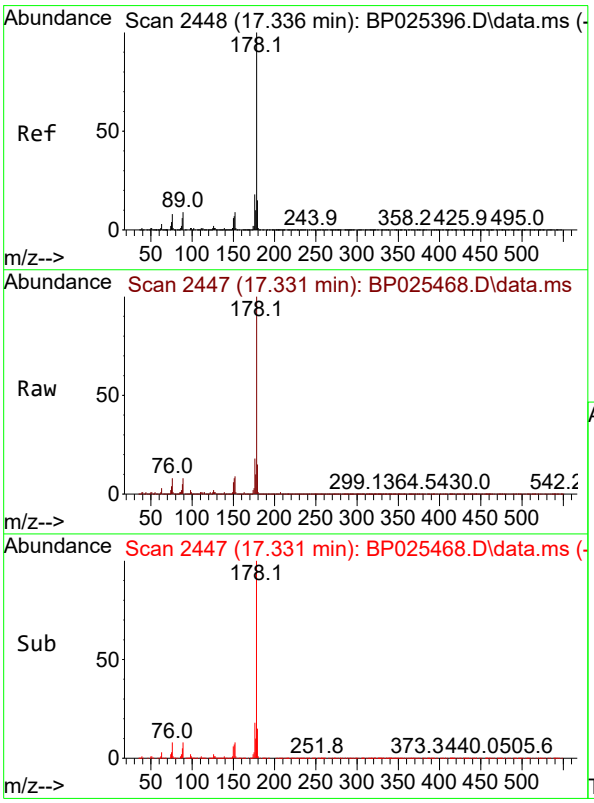
#71
Phenanthrene
Concen: 11.287 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:178 Resp: 516366

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.5	12.2	18.4

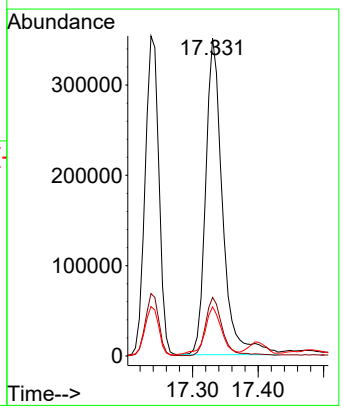


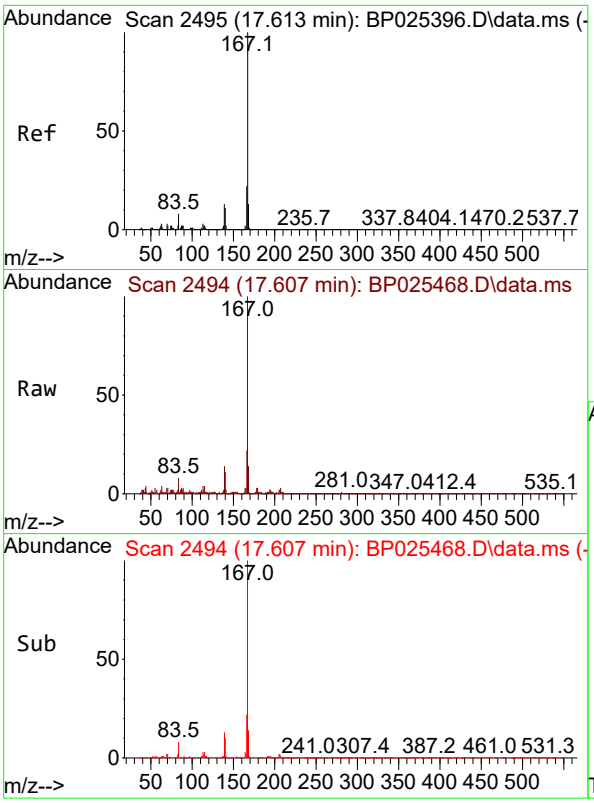


#72
Anthracene
Concen: 13.427 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:178 Resp: 627288

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.2	18.2



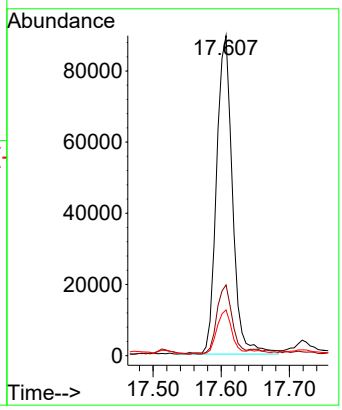


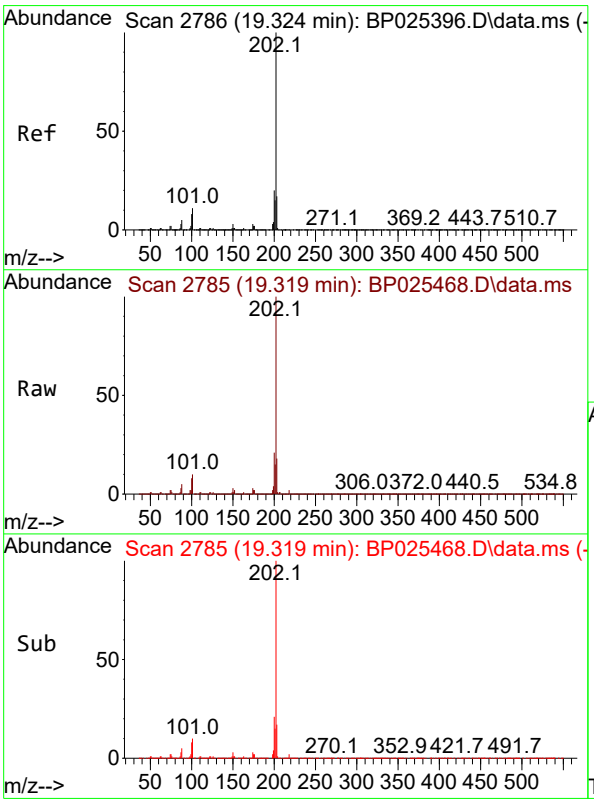
#73
Carbazole
Concen: 3.307 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:167 Resp: 145506

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	14.3	10.6	16.0

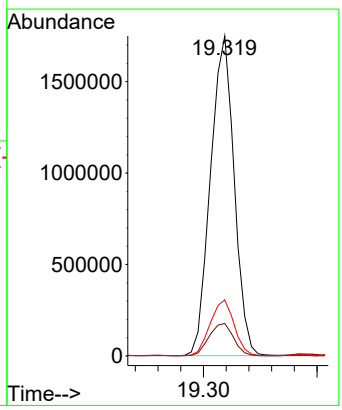


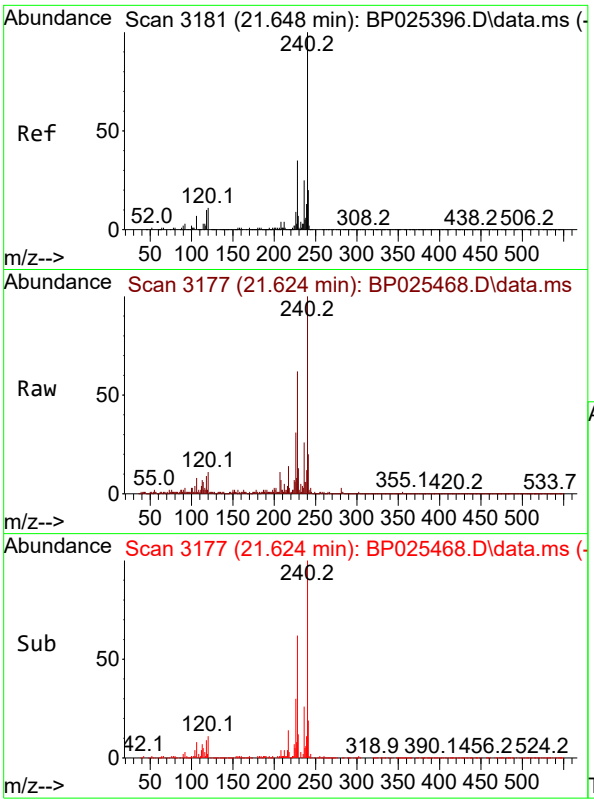


#75
Fluoranthene
Concen: 46.420 ng
RT: 19.319 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:202 Resp: 2533157

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.5	0.0	37.3



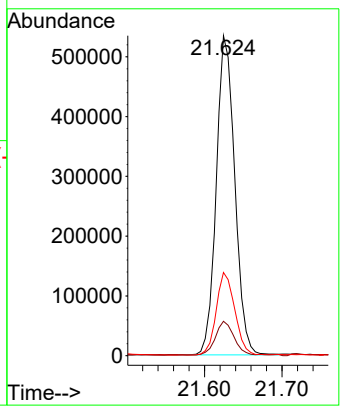


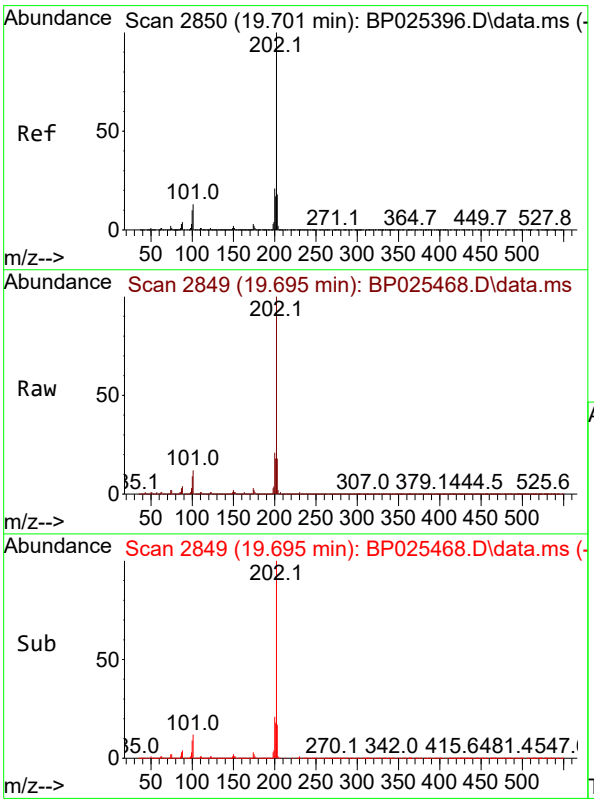
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:240 Resp: 885684

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	19.8	29.8

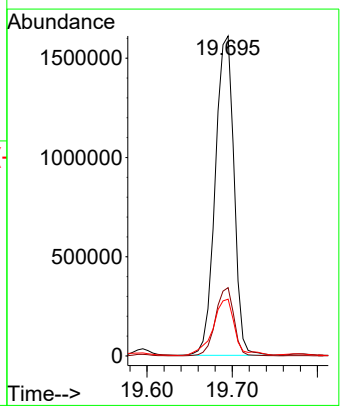


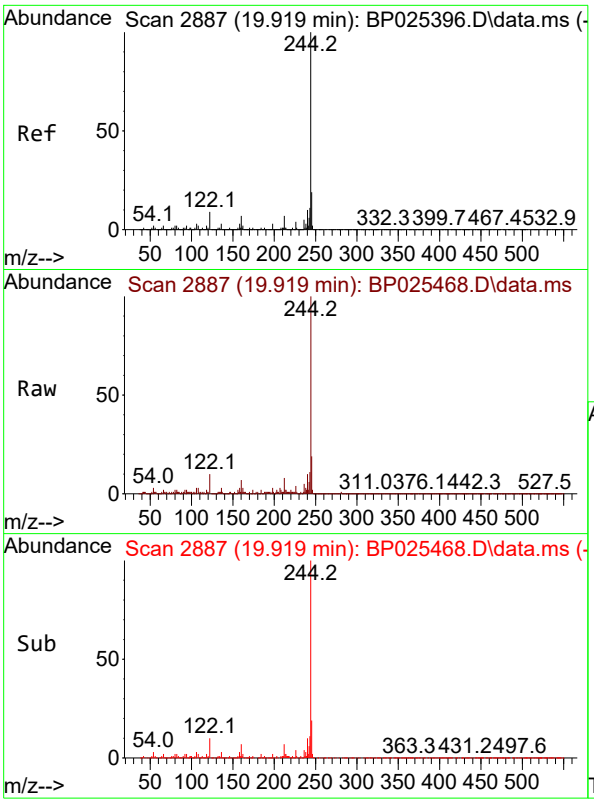


#78
Pyrene
Concen: 42.722 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:202 Resp: 2459371

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.7	14.2	21.2



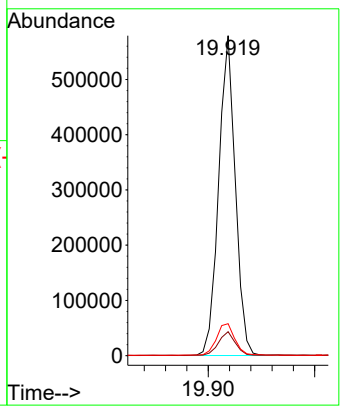


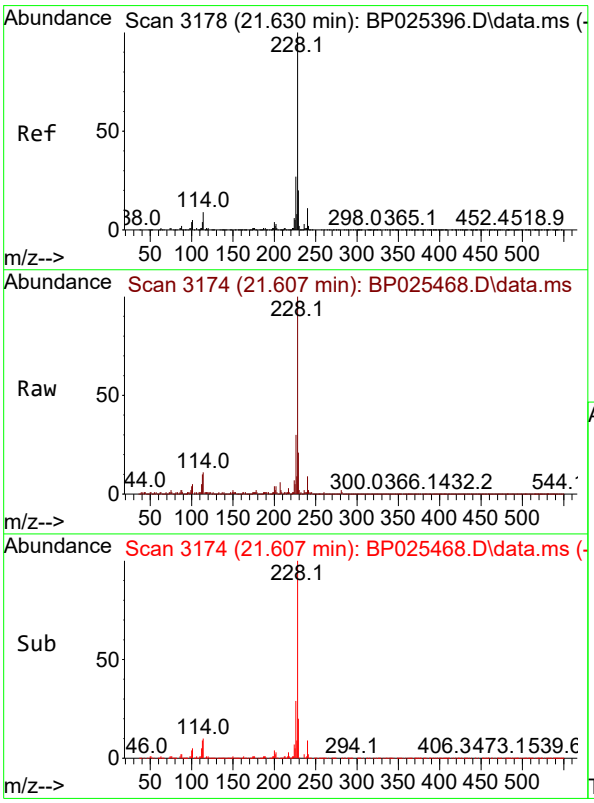
#79
Terphenyl-d14
Concen: 12.929 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:244 Resp: 625886

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.0	7.4	11.2

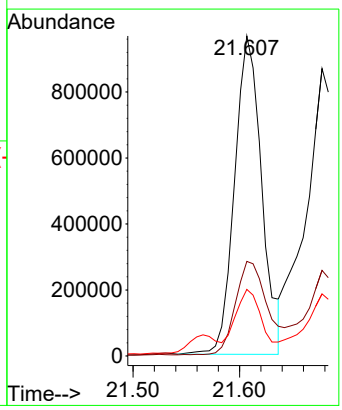


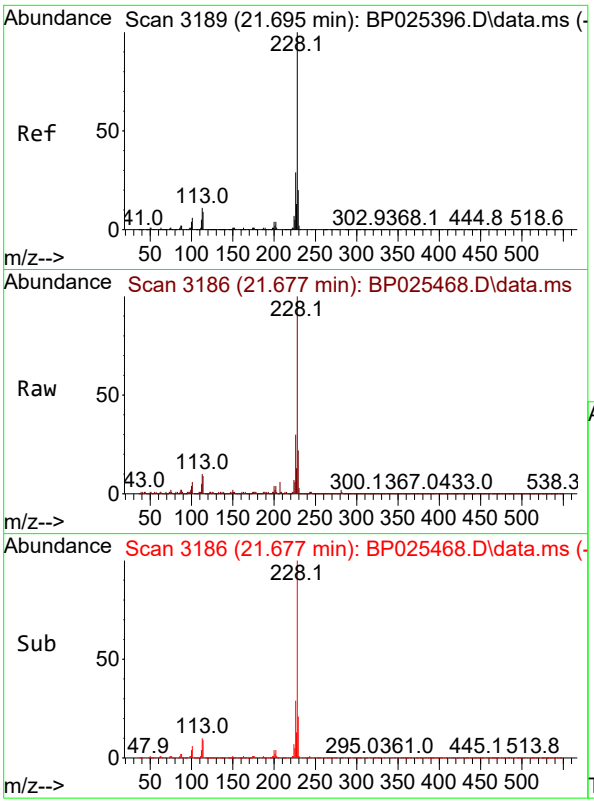


#81
Benzo(a)anthracene
Concen: 29.300 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.023 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:228 Resp: 1711450

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.7	32.5
229	20.8	15.6	23.4



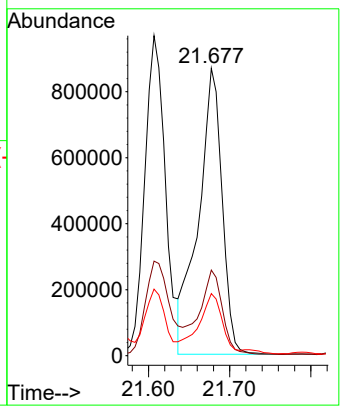


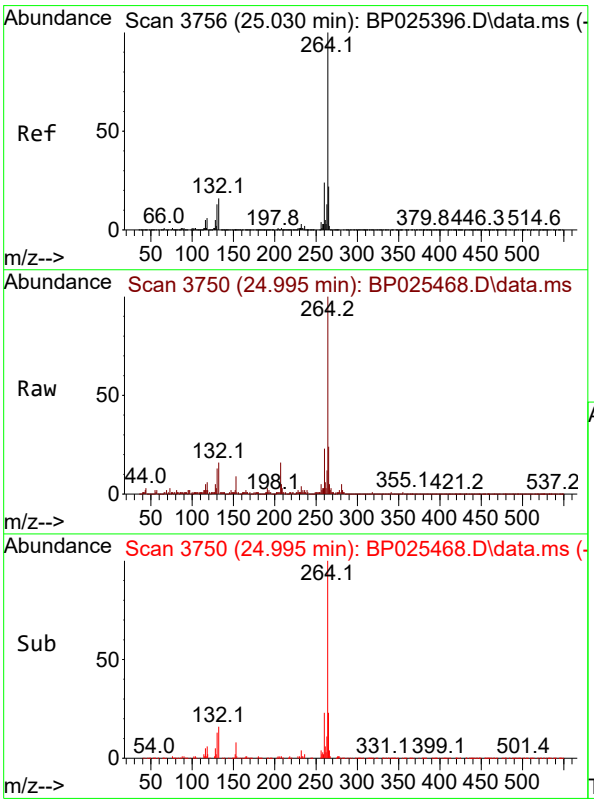
#83
Chrysene
Concen: 32.119 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:228 Resp: 1756967

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	21.6	15.6	23.4

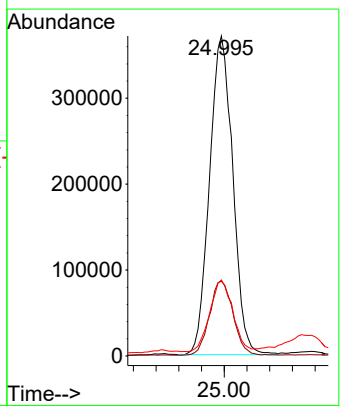


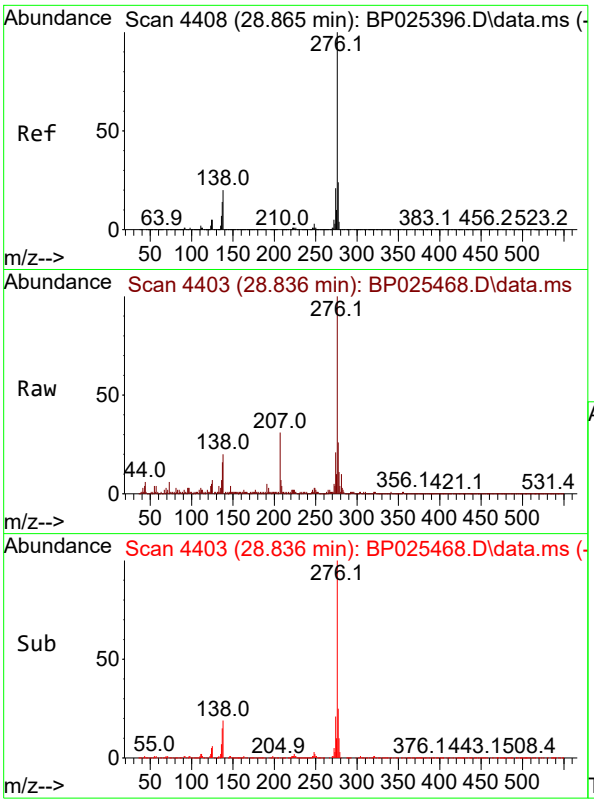


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:264 Resp: 1055308

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	23.8	17.4	26.0



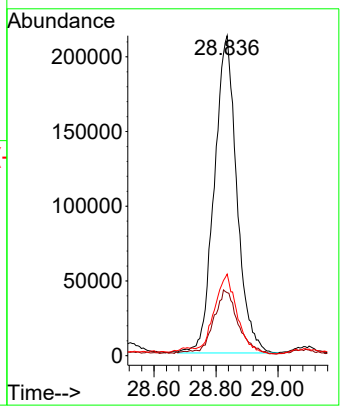


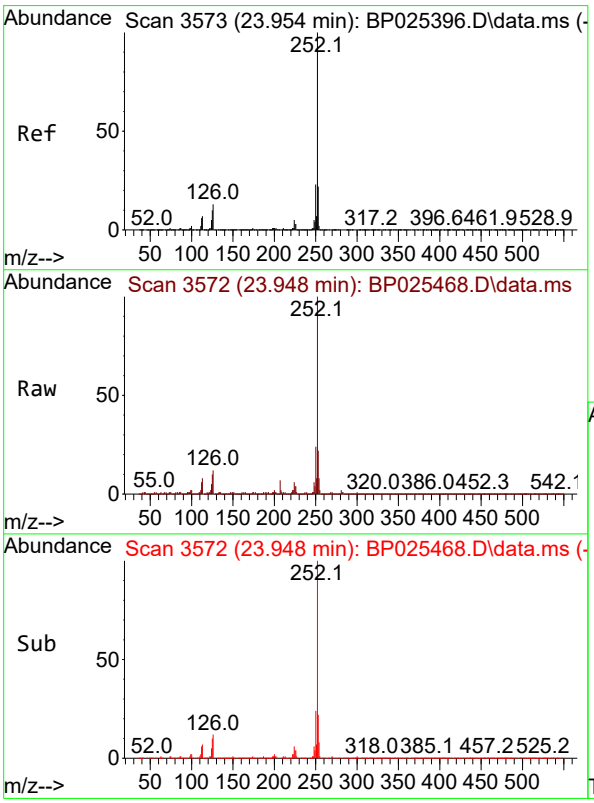
#87
Indeno(1,2,3-cd)pyrene
Concen: 13.830 ng
RT: 28.836 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:276 Resp: 1070327

Ion	Ratio	Lower	Upper
276	100		
138	22.0	12.9	19.3#
277	25.7	17.0	25.6#

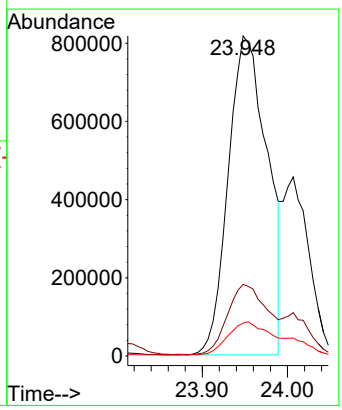


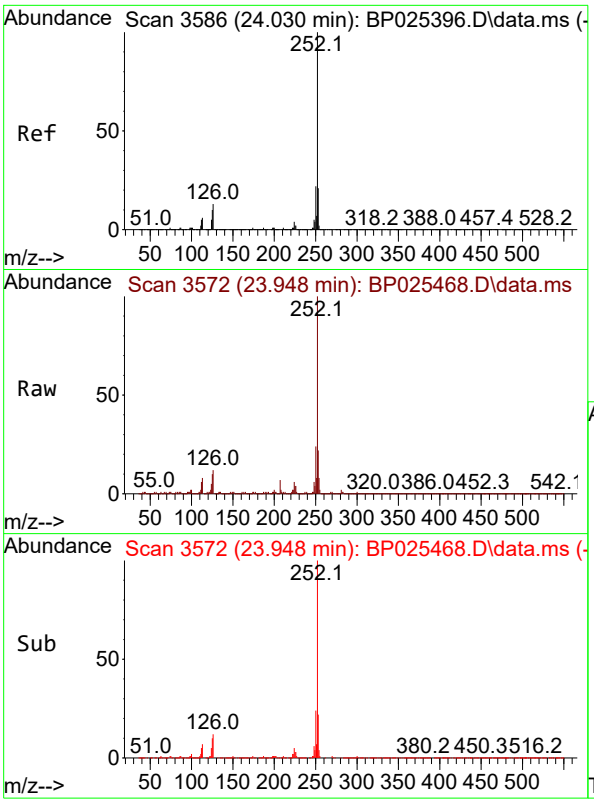


#88
Benzo(b)fluoranthene
Concen: 41.723 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:252 Resp: 2596346

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.3	7.9	11.9



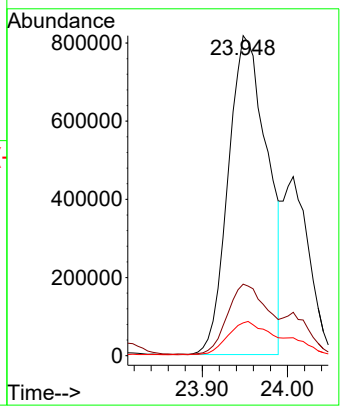


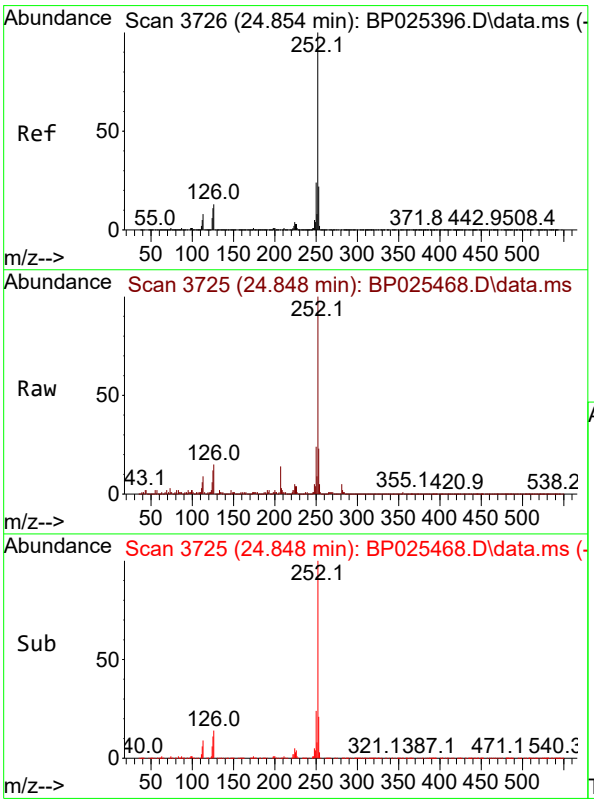
#89
Benzo(k)fluoranthene
Concen: 41.694 ng
RT: 23.948 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:252 Resp: 2596346

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.3	7.8	11.6

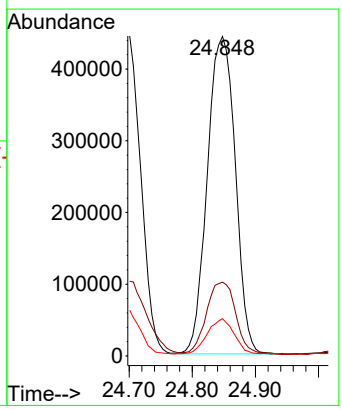


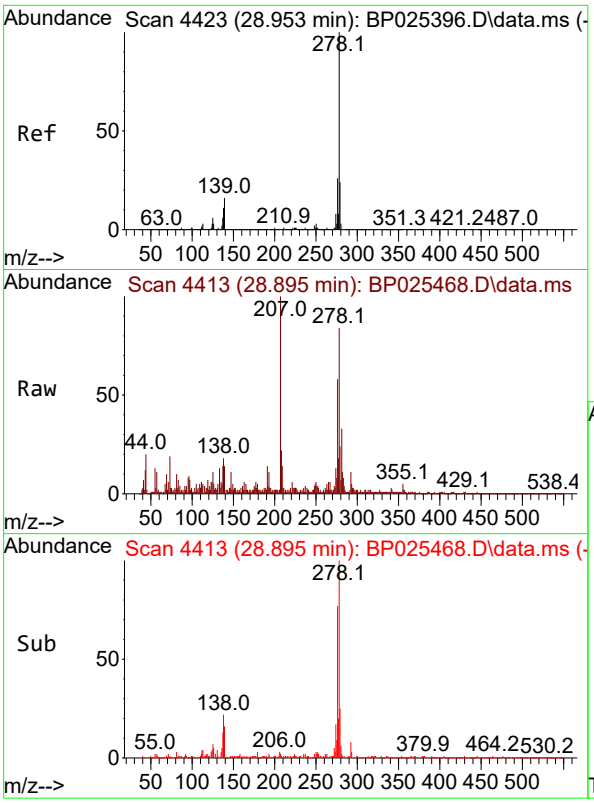


#90
Benzo(a)pyrene
Concen: 22.538 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:252 Resp: 1365210

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.7	8.7	13.1



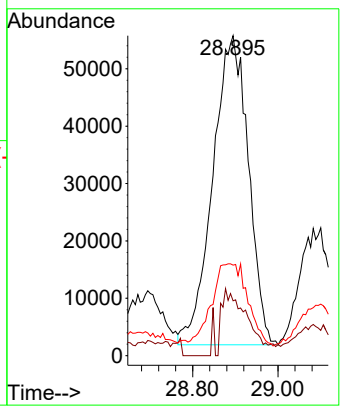


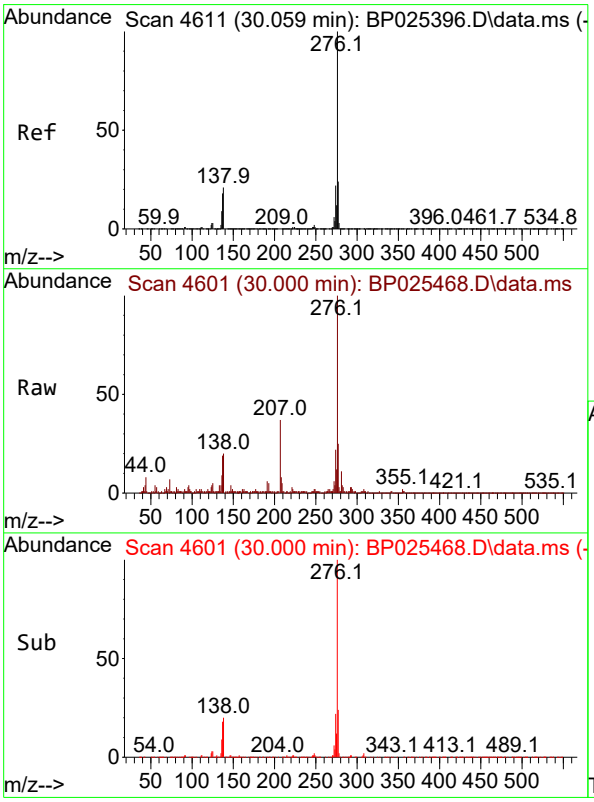
#91
Dibenzo(a,h)anthracene
Concen: 4.946 ng
RT: 28.895 min Scan# 44
Delta R.T. -0.059 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:278 Resp: 312826

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.0	19.4
279	28.3	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 15.191 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.059 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Tgt Ion:276 Resp: 944424

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	20.3	16.7	25.1