Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049035.D
Acq On : 17 Dec 2024 23:36
Operator : RC/JU
Sample : P5155-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28R0

Quant Time: Dec 18 03:15:56 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	11454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	34975	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	18891	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	38320m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	26417m	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	29422m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	34861	2.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	9928	0.223	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	19672m	0.249	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.381	128	19050	0.212	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	16184	0.296	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	12974	0.233	ng/ul	99
10) Acenaphthylene	13.919	152	97256	1.219	ng/ul	99
11) Acenaphthene	14.266	153	9737	0.161	ng/ul	99
12) Fluorene	15.261	166	21201	0.316	ng/ul	98
15) Phenanthrene	16.993	178	442934m	4.217	ng/ul	
16) Anthracene	17.082	178	106483m	1.137	ng/ul	
19) Fluoranthene	19.016	202	1251139m	11.420	ng/ul	
20) Pyrene	19.378	202	850755m	7.205	ng/ul	
21) Benzo(a)anthracene	21.131	228	562725m	6.054	ng/ul	
22) Chrysene	21.184	228	550723m	5.236	ng/ul	
24) Benzo(b)fluoranthene	22.668	252	828146m	8.145	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	348837m	2.966	ng/ul	
26) Benzo(a)pyrene	23.215	252	382610m	4.069	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.450	276	374521m	2.836	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	110680m	1.077	ng/ul	
29) Benzo(g,h,i)perylene	26.104	276	58180m	0.548	ng/ul	

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

Quantitation Report (QT Reviewed)

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Data File : BM049035.D
Acq On : 17 Dec 2024 23:36
Operator : RC/JU
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Misc :
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Quant Time: Dec 18 03:15:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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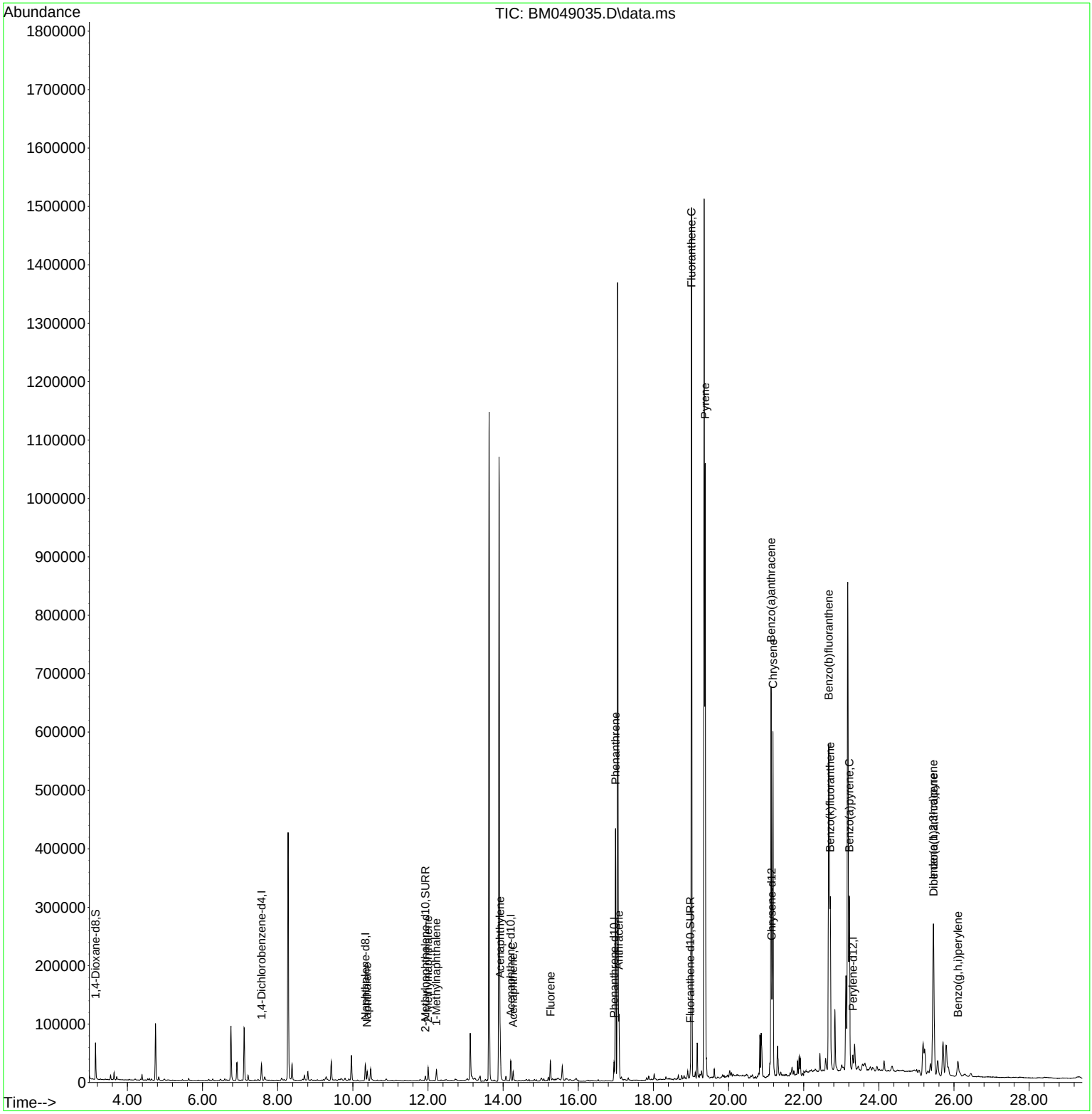
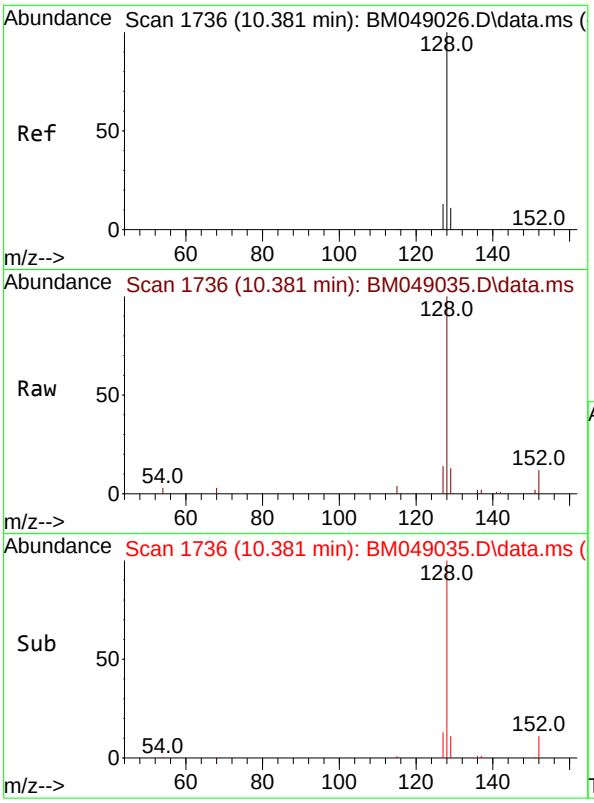


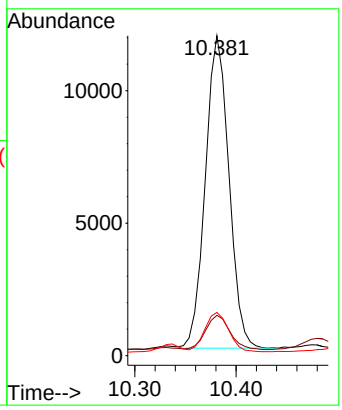


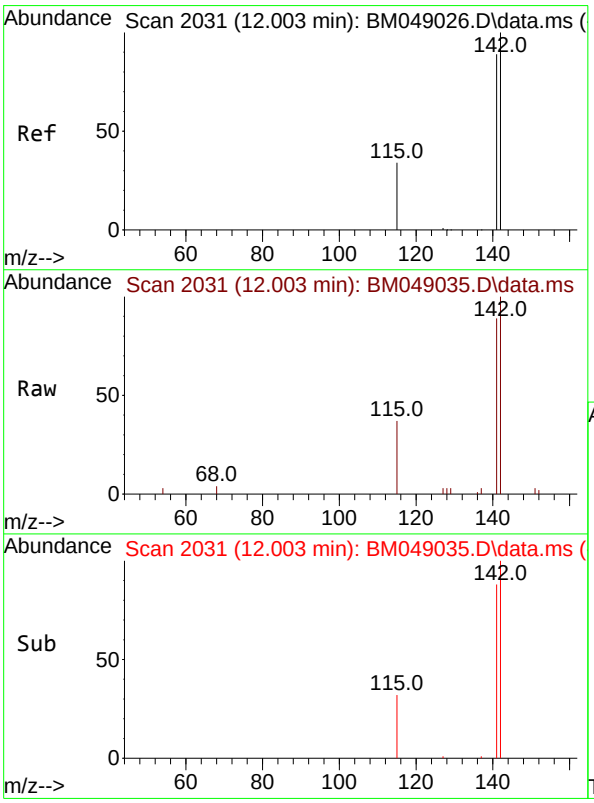
#5
Naphthalene
Concen: 0.212 ng/ul
RT: 10.381 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:128 Resp: 19050

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.2
127	13.5	10.6	16.0

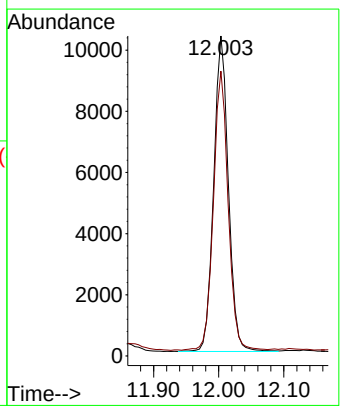


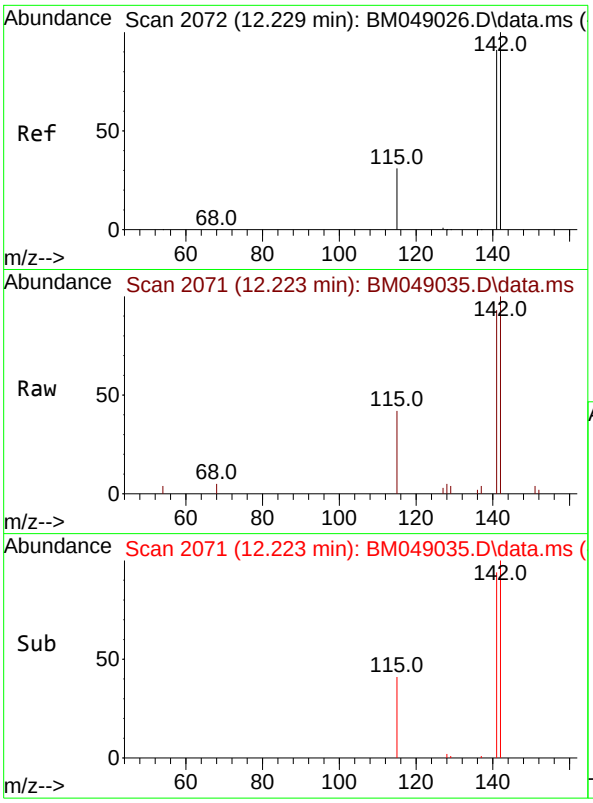


#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. -0.004 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:142 Resp: 16184

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8



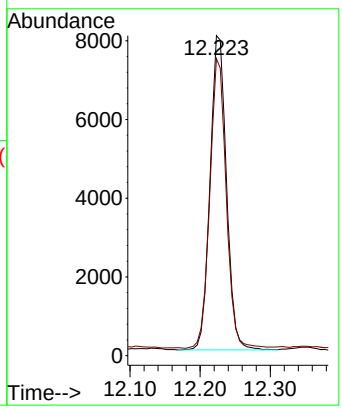


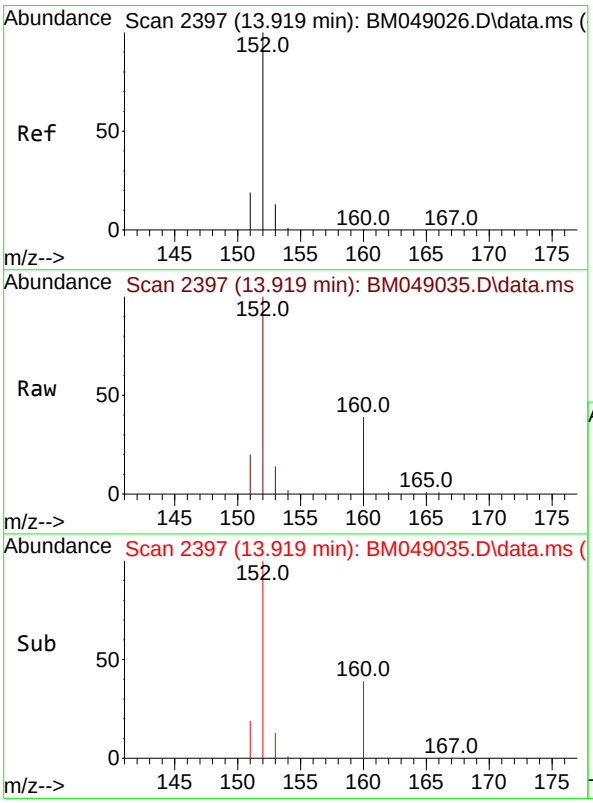
#8
1-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.223 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:142 Resp: 12974

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.8	109.2

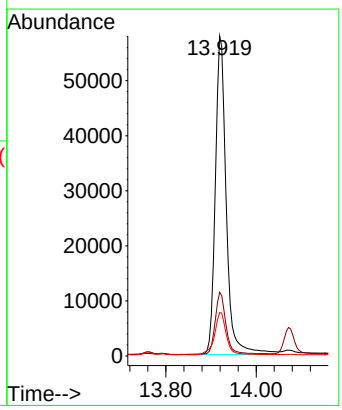


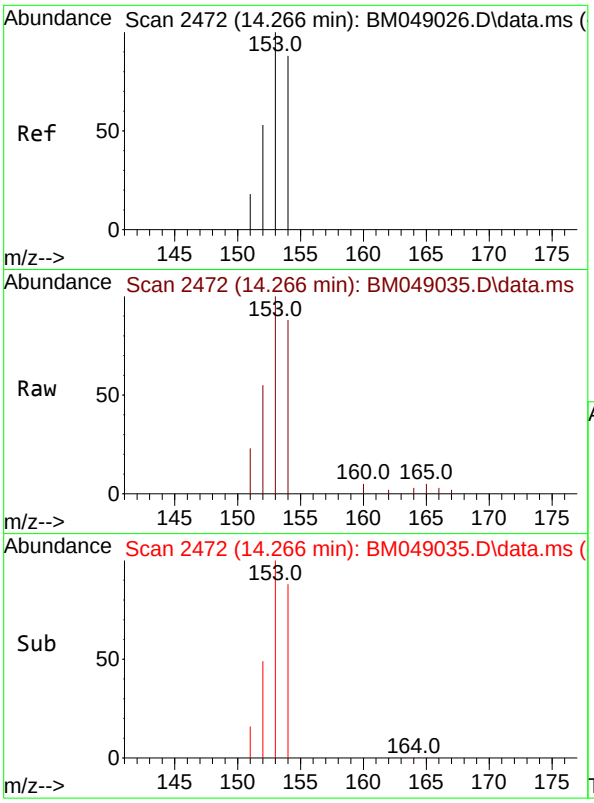


#10
Acenaphthylene
Concen: 1.219 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:152 Resp: 97256

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	11.2	16.8



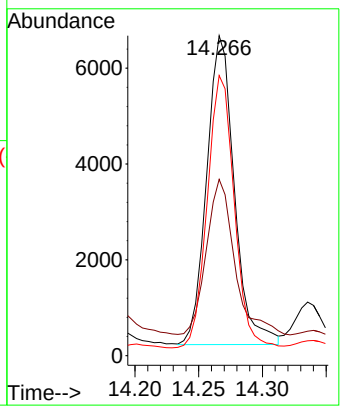


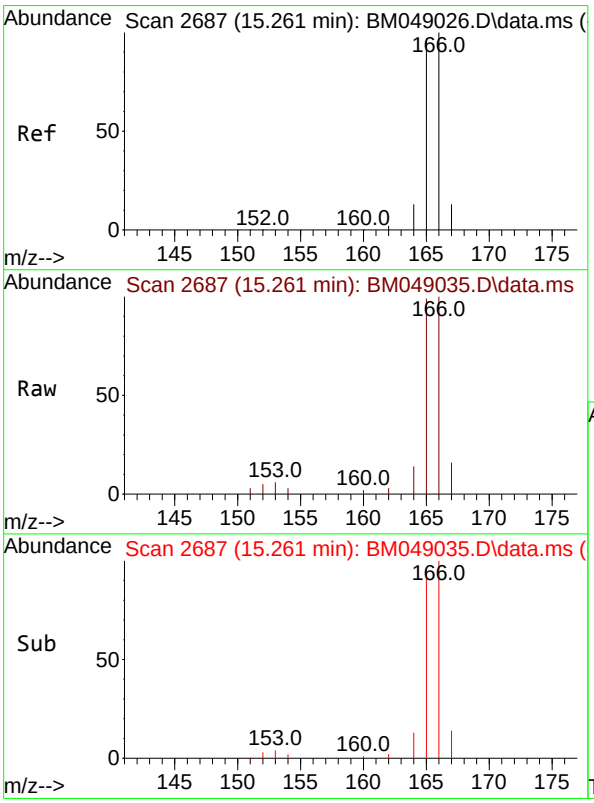
#11
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.266 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:153 Resp: 9737

Ion	Ratio	Lower	Upper
153	100		
152	55.1	43.5	65.3
154	87.6	69.5	104.3

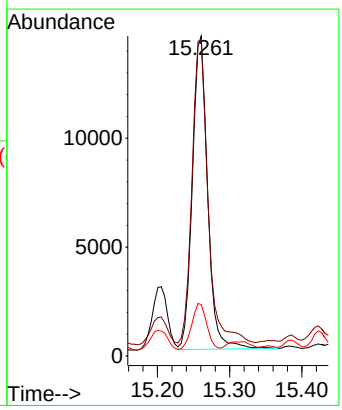


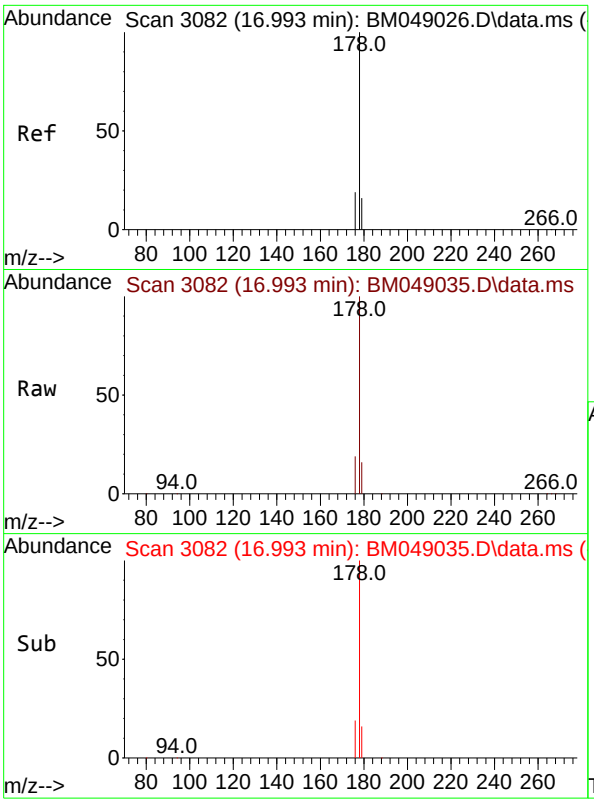


#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.261 min Scan# 2687
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:166 Resp: 21201

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.1	117.1
167	16.0	11.6	17.4



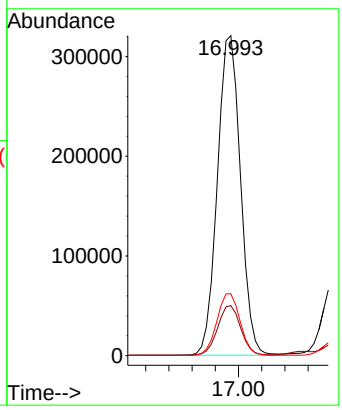


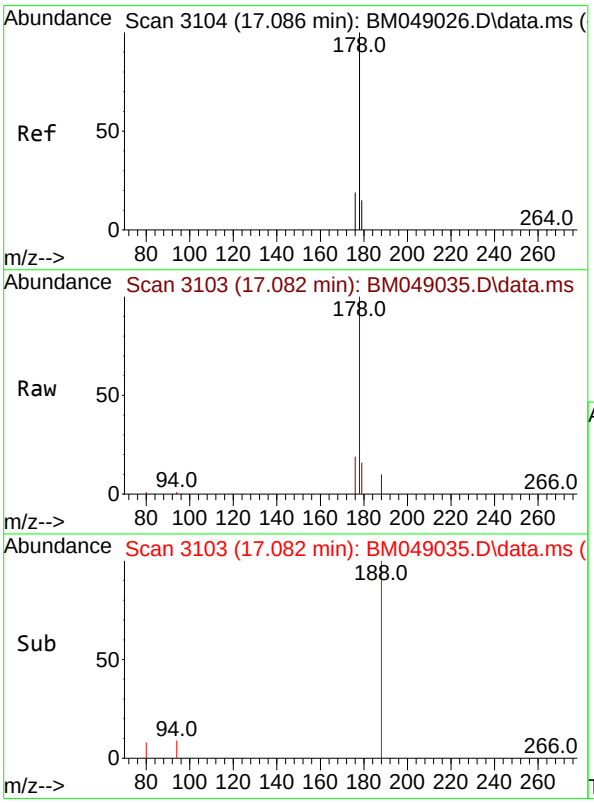
#15
Phenanthrene
Concen: 4.217 ng/ul m
RT: 16.993 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:178 Resp: 442934

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.4	15.8	23.8

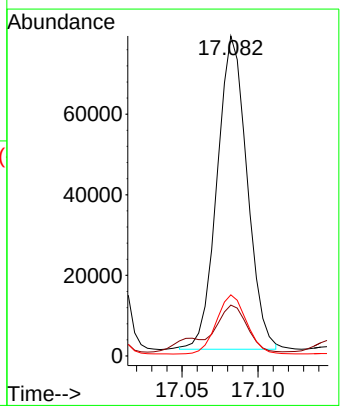


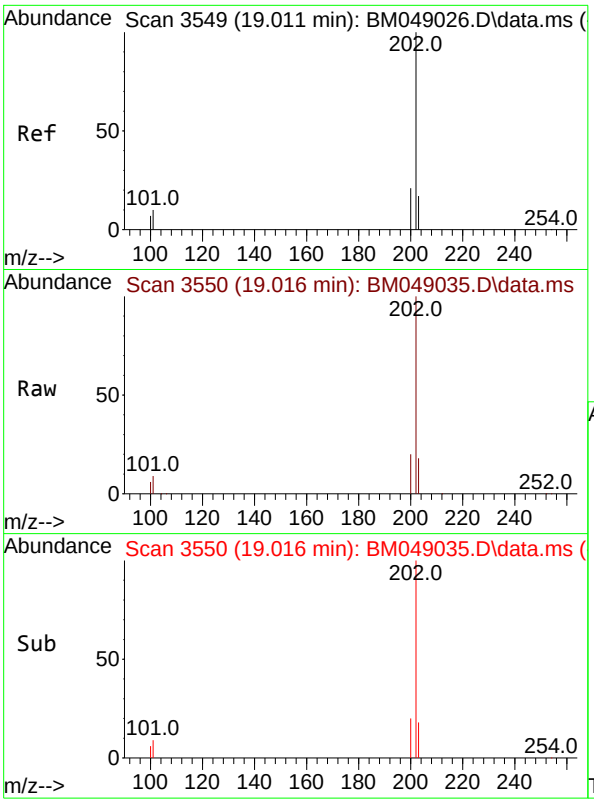


#16
Anthracene
Concen: 1.137 ng/ul m
RT: 17.082 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:178 Resp: 106483

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	19.1	15.0	22.6



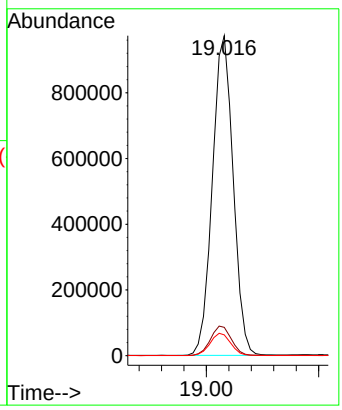


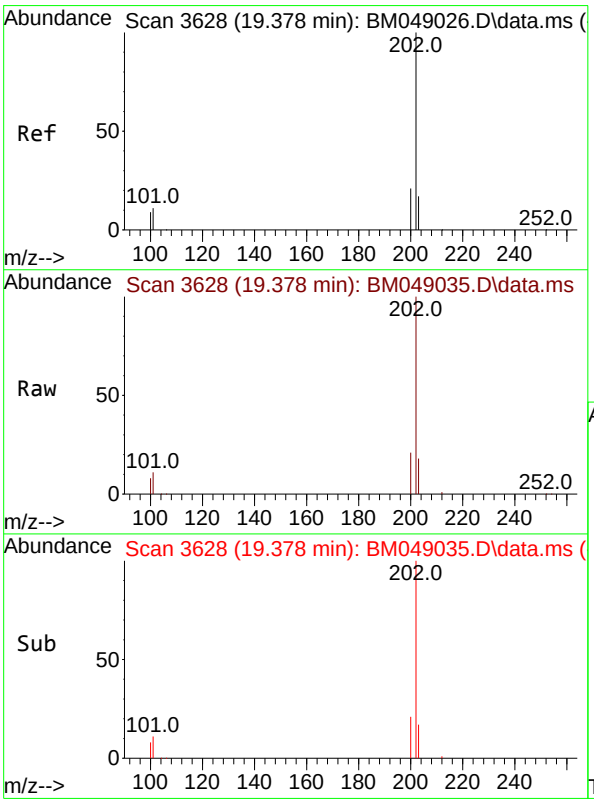
#19
Fluoranthene
Concen: 11.420 ng/ul m
RT: 19.016 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:202 Resp: 1251139

Ion	Ratio	Lower	Upper
202	100		
101	8.9	9.7	14.5#
100	6.5	7.3	10.9#

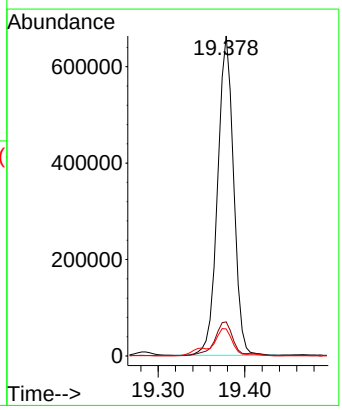


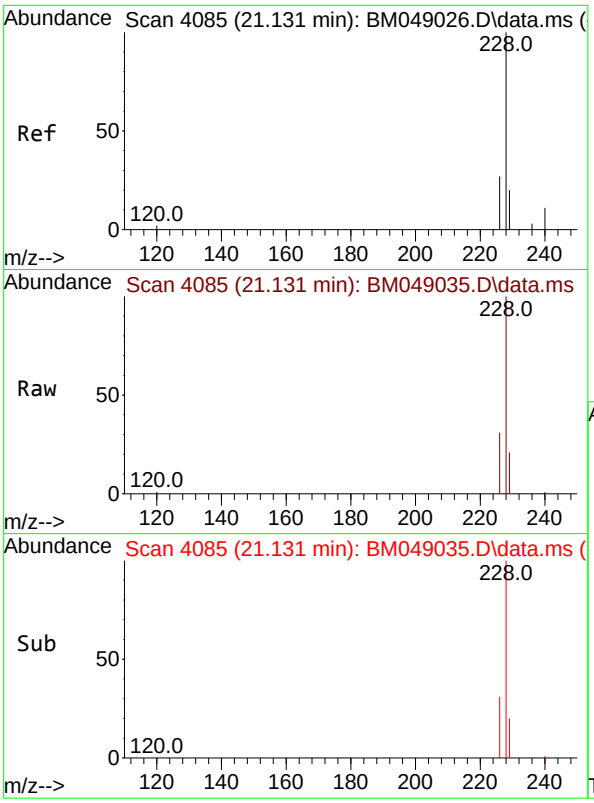


#20
Pyrene
Concen: 7.205 ng/ul m
RT: 19.378 min Scan# 3628
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:202 Resp: 850755

Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.6	16.0
100	8.5	8.4	12.6



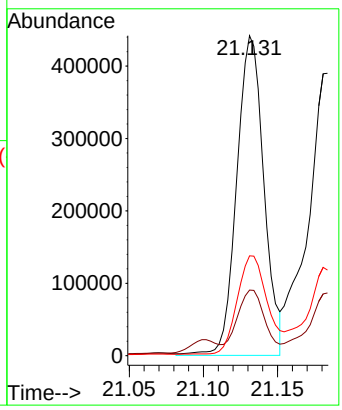


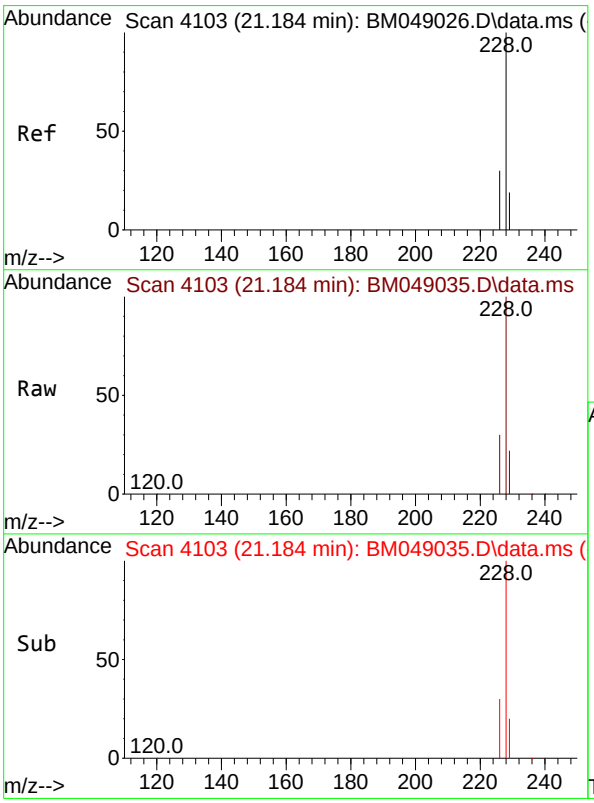
#21
Benzo(a)anthracene
Concen: 6.054 ng/ul m
RT: 21.131 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:228 Resp: 562725

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	31.2	23.0	34.4

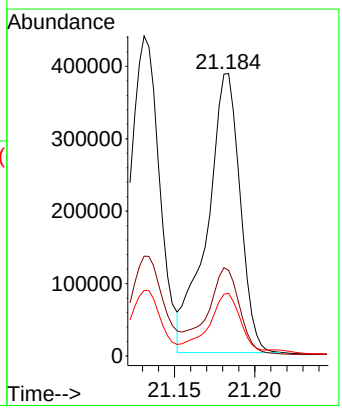


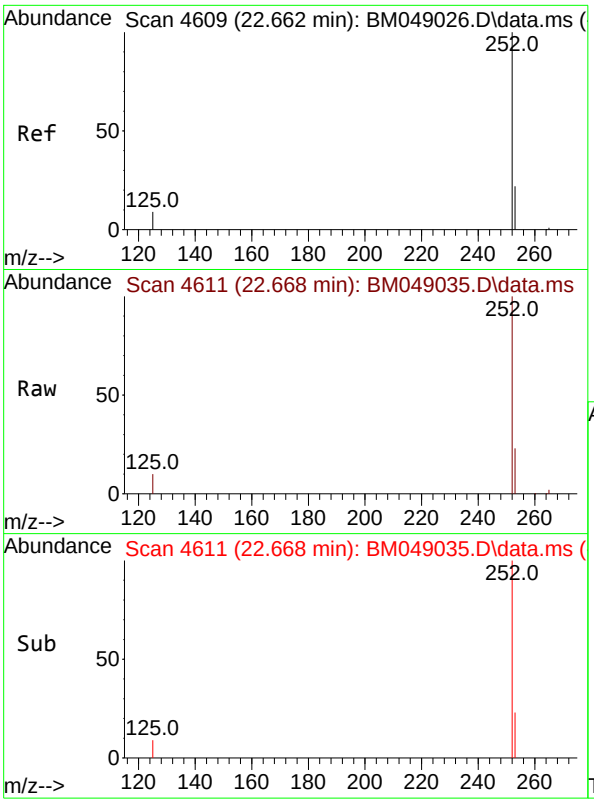


#22
Chrysene
Concen: 5.236 ng/ul m
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:228 Resp: 550723

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	22.2	16.0	24.0



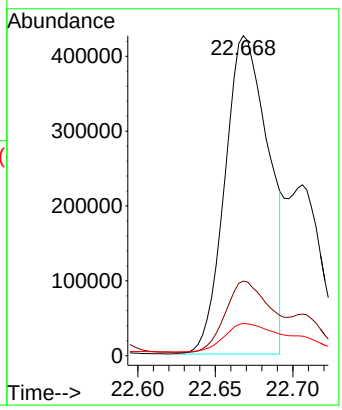


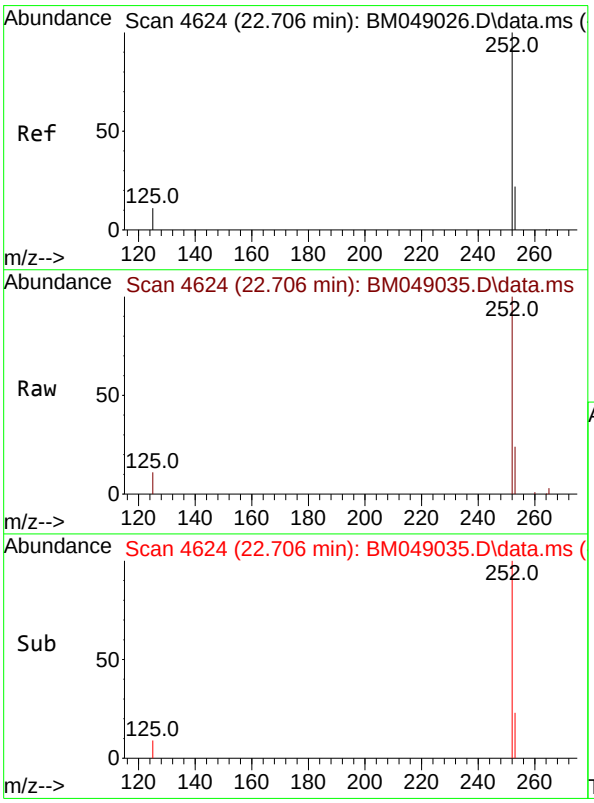
#24
Benzo(b)fluoranthene
Concen: 8.145 ng/ul m
RT: 22.668 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:252 Resp: 828146

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	51.0
125	10.0	0.0	36.6

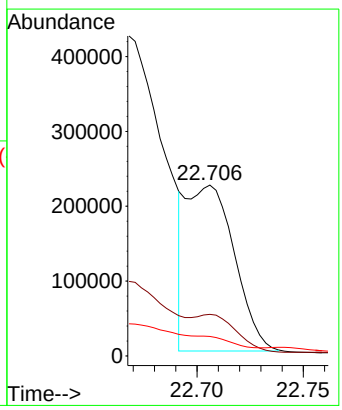


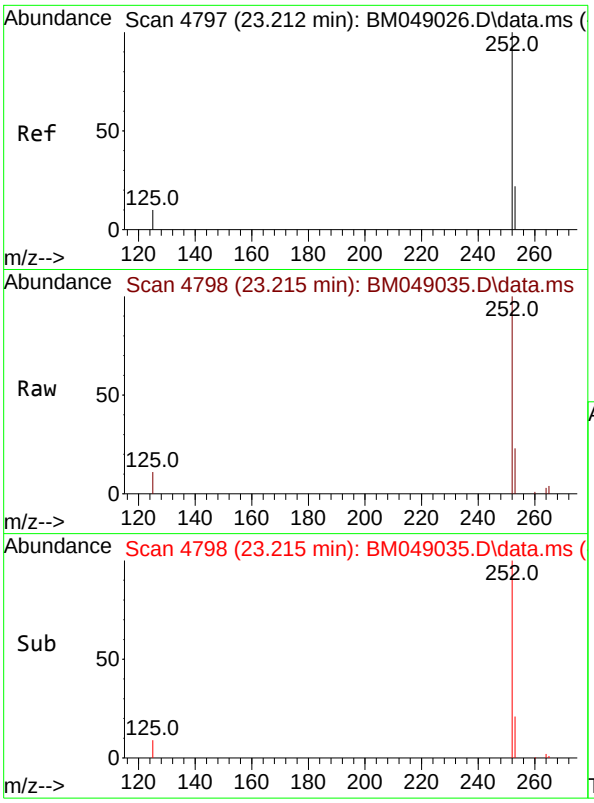


#25
Benzo(k)fluoranthene
Concen: 2.966 ng/ul m
RT: 22.706 min Scan# 4624
Delta R.T. -0.003 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:252 Resp: 348837

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.5	30.7
125	11.4	17.3	25.9#



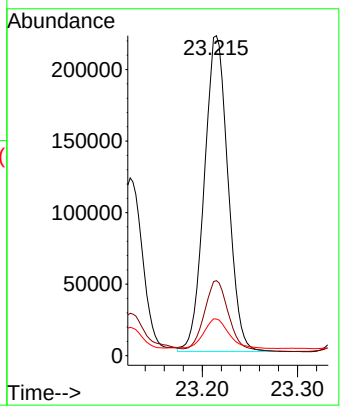


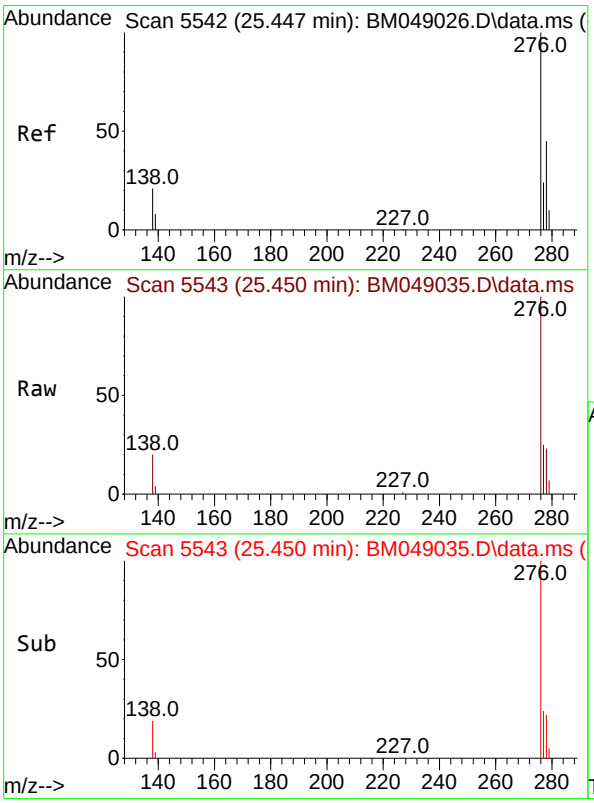
#26
Benzo(a)pyrene
Concen: 4.069 ng/ul m
RT: 23.215 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:252 Resp: 382610

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.8	32.8
125	11.5	18.6	27.8#

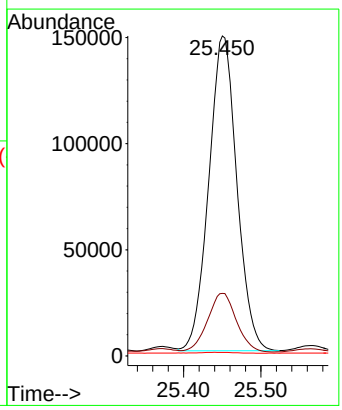


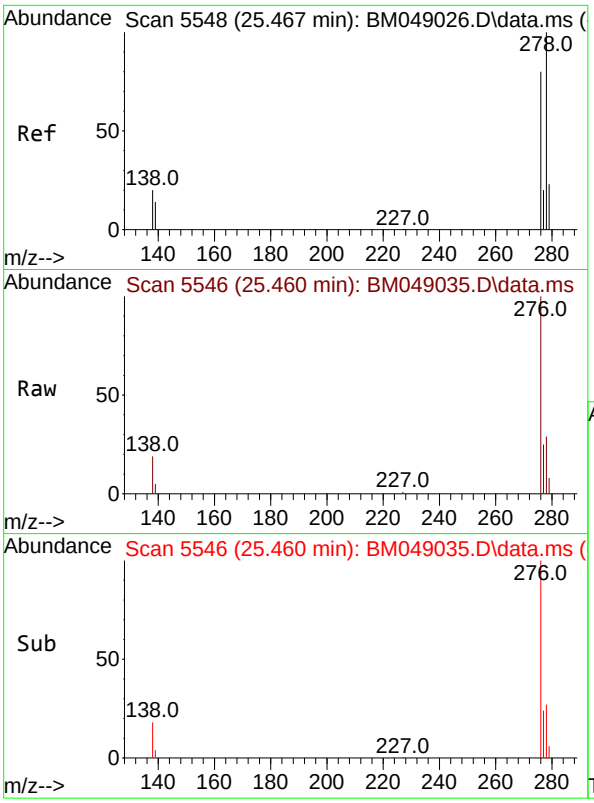


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.836 ng/ul m
RT: 25.450 min Scan# 5543
Delta R.T. -0.004 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:276 Resp: 374521

Ion	Ratio	Lower	Upper
276	100		
138	17.6	22.1	33.1#
227	0.3	0.2	0.2#



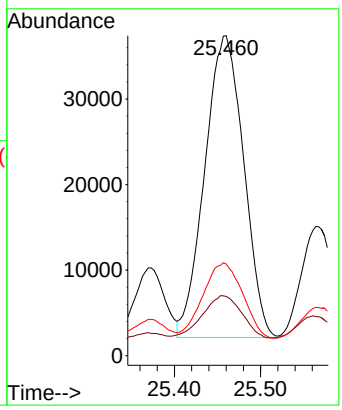


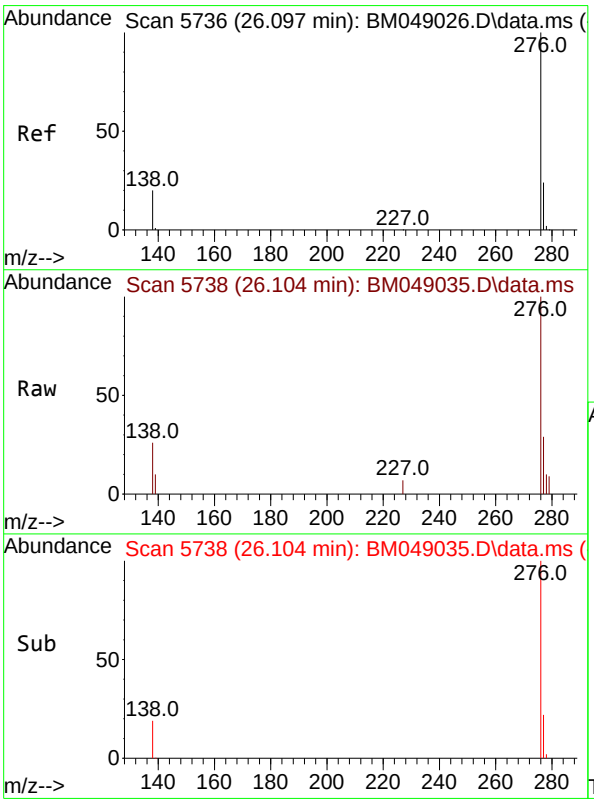
#28
Dibenzo(a,h)anthracene
Concen: 1.077 ng/ul m
RT: 25.460 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Instrument :
BNA_M
ClientSampleId :
E28R0

Tgt Ion:278 Resp: 110680

Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	28.6	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.548 ng/ul m
RT: 26.104 min Scan# 5738
Delta R.T. 0.006 min
Lab File: BM049035.D
Acq: 17 Dec 2024 23:36

Tgt Ion:276 Resp: 58180

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.8	29.6
277	29.4	19.6	29.4