Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049072.D
Acq On : 19 Dec 2024 16:06
Operator : RC/JU
Sample : P5226-25MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Quant Time: Dec 19 16:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.565	152	5914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	17617	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	10009	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	20533	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	16277	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	17274	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	2432	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	5552	0.234	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	12790	0.277	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.185	88	7102	0.891	ng/ul#	79
5) Naphthalene	10.376	128	10248	0.232	ng/ul	98
7) 2-Methylnaphthalene	11.998	142	6435	0.230	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	6389	0.223	ng/ul	97
10) Acenaphthylene	13.914	152	9539	0.230	ng/ul	99
11) Acenaphthene	14.261	153	7187	0.237	ng/ul	98
12) Fluorene	15.256	166	8165	0.239	ng/ul	99
15) Phenanthrene	16.989	178	13615	0.254	ng/ul	99
16) Anthracene	17.082	178	11878	0.241	ng/ul	98
19) Fluoranthene	19.011	202	16214	0.276	ng/ul	99
20) Pyrene	19.374	202	17267	0.275	ng/ul	99
21) Benzo(a)anthracene	21.128	228	14607	0.258	ng/ul	100
22) Chrysene	21.181	228	16127	0.265	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	15028	0.272	ng/ul	97
25) Benzo(k)fluoranthene	22.703	252	16833	0.278	ng/ul	97
26) Benzo(a)pyrene	23.212	252	13465	0.254	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.440	276	19012	0.254	ng/ul	97
28) Dibenzo(a,h)anthracene	25.463	278	14696	0.253	ng/ul	99
29) Benzo(g,h,i)perylene	26.091	276	15354	0.255	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
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Quant Time: Dec 19 16:54:25 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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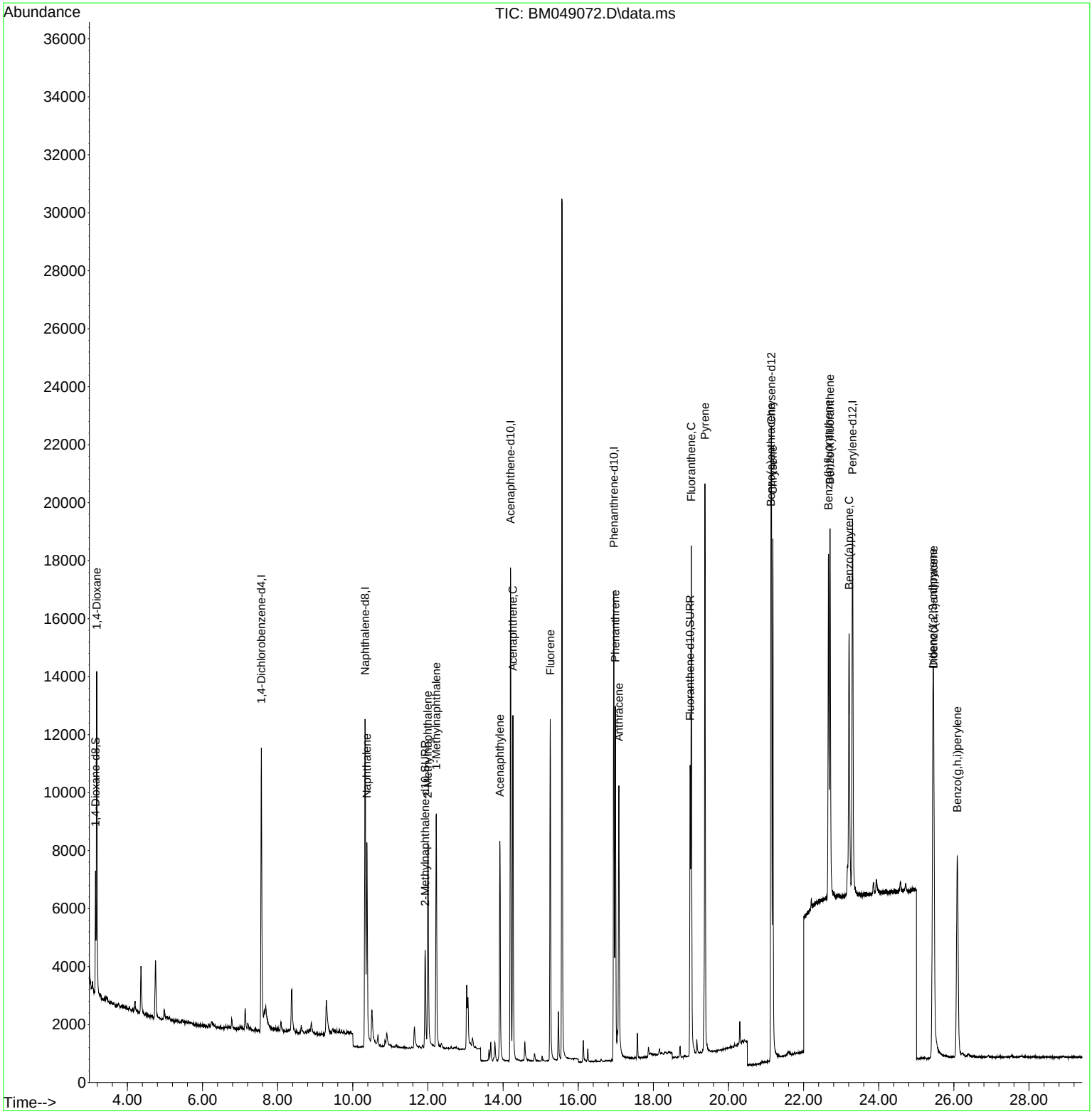
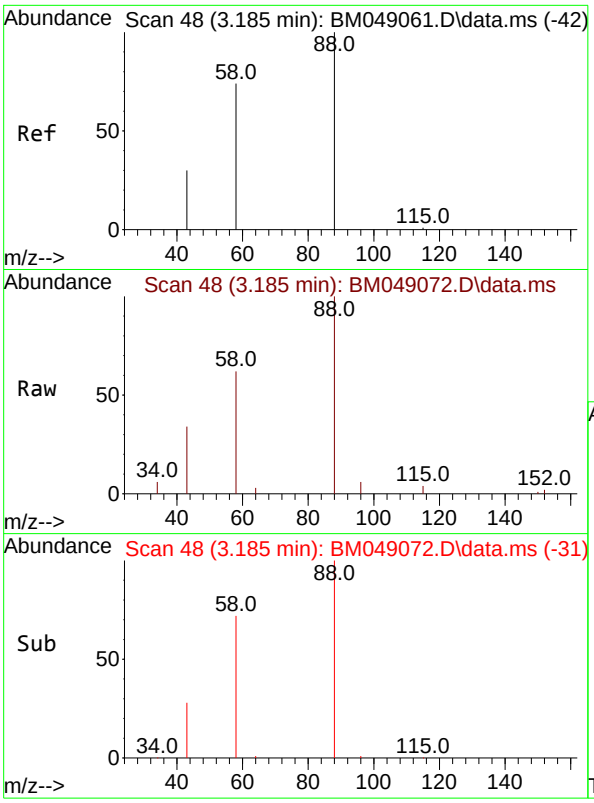


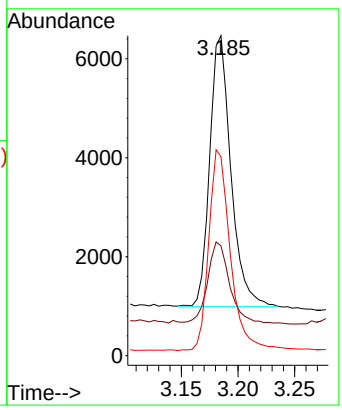


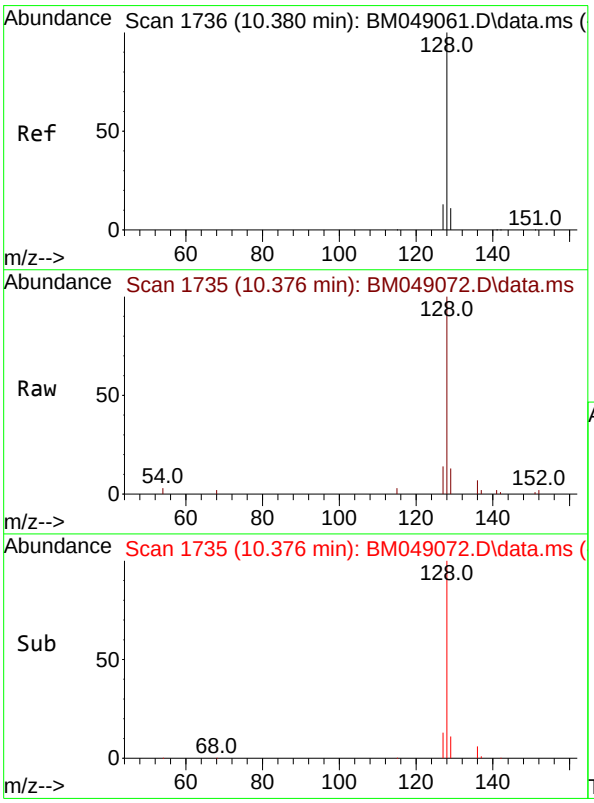
#2
1,4-Dioxane
Concen: 0.891 ng/ul
RT: 3.185 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion: 88 Resp: 7102

Ion	Ratio	Lower	Upper
88	100		
43	34.4	45.4	68.2#
58	62.2	43.6	65.4

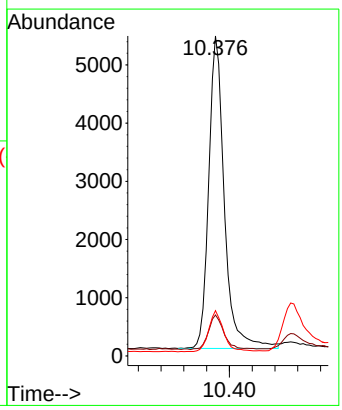


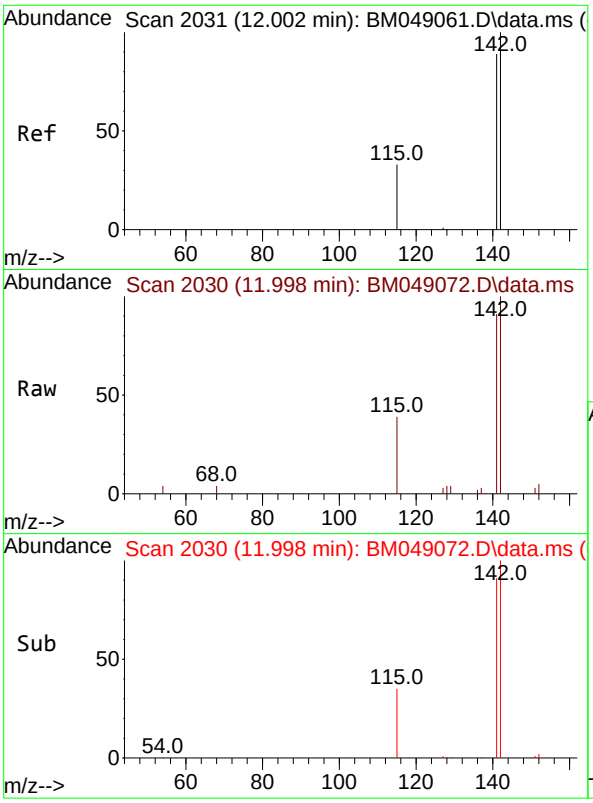


#5
Naphthalene
Concen: 0.232 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:128 Resp: 10248

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.7	14.5
127	14.2	10.6	16.0



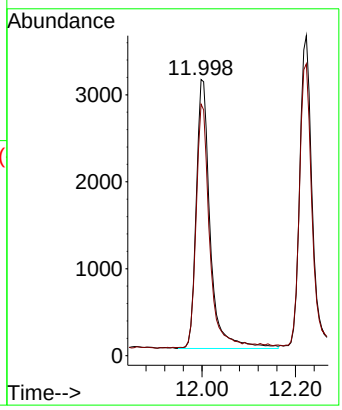


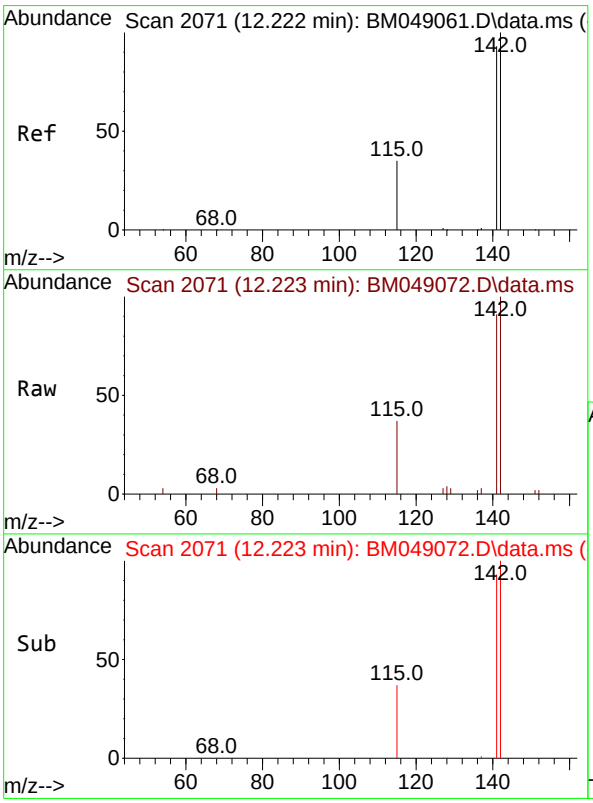
#7
2-Methylnaphthalene
Concen: 0.230 ng/ul
RT: 11.998 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:142 Resp: 6435

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5

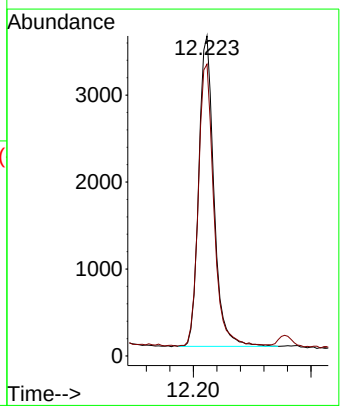


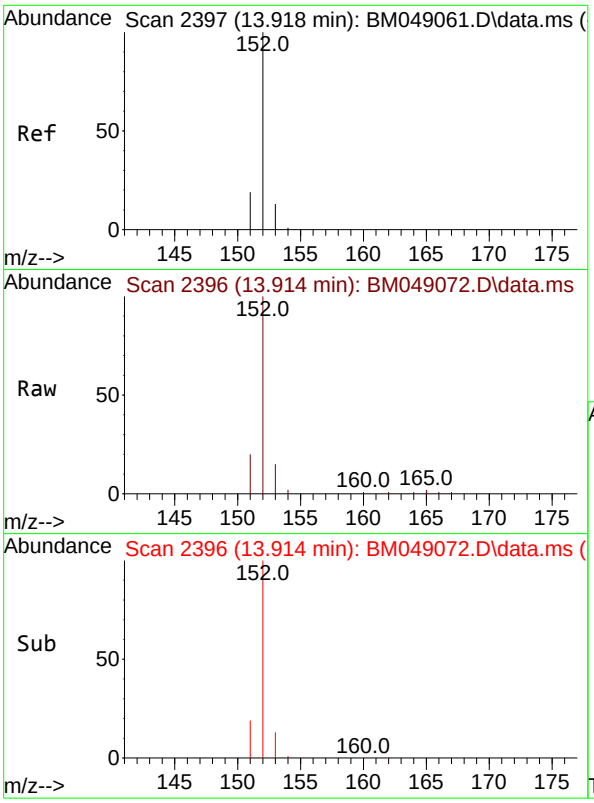


#8
1-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. 0.001 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:142 Resp: 6389

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.7	109.1



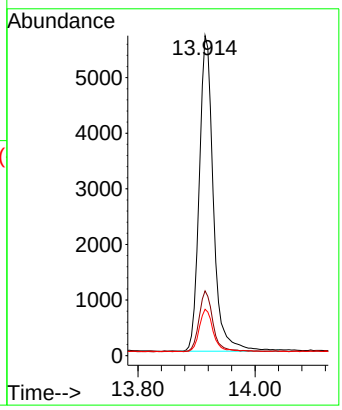


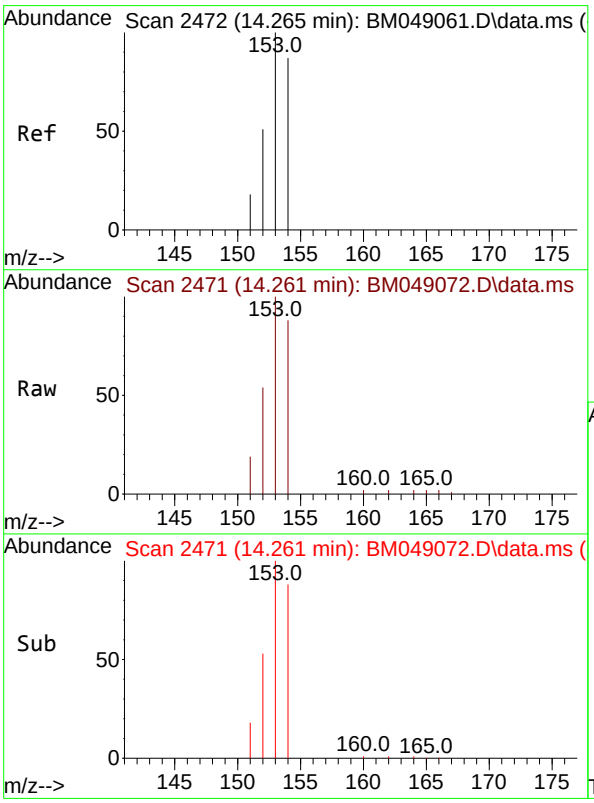
#10
Acenaphthylene
Concen: 0.230 ng/ul
RT: 13.914 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:152 Resp: 9539

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	14.5	11.0	16.6

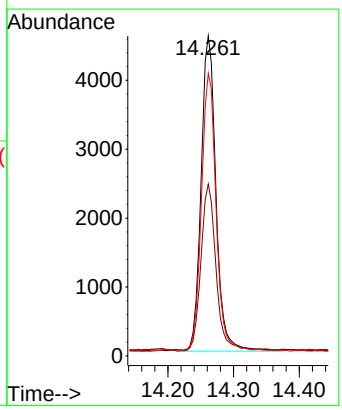


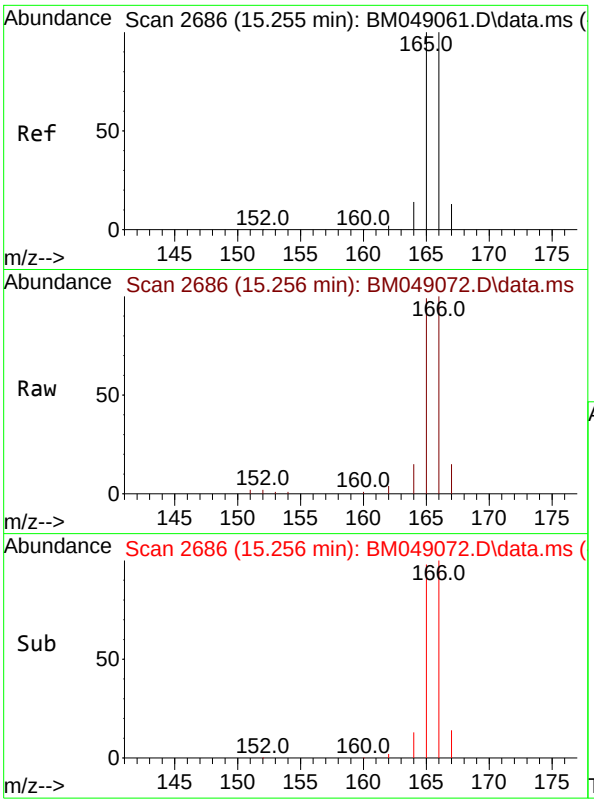


#11
Acenaphthene
Concen: 0.237 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:153 Resp: 7187

Ion	Ratio	Lower	Upper
153	100		
152	53.8	40.7	61.1
154	88.3	70.8	106.2



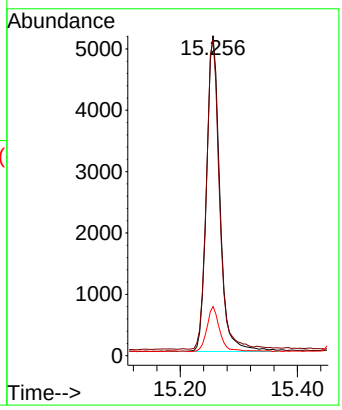


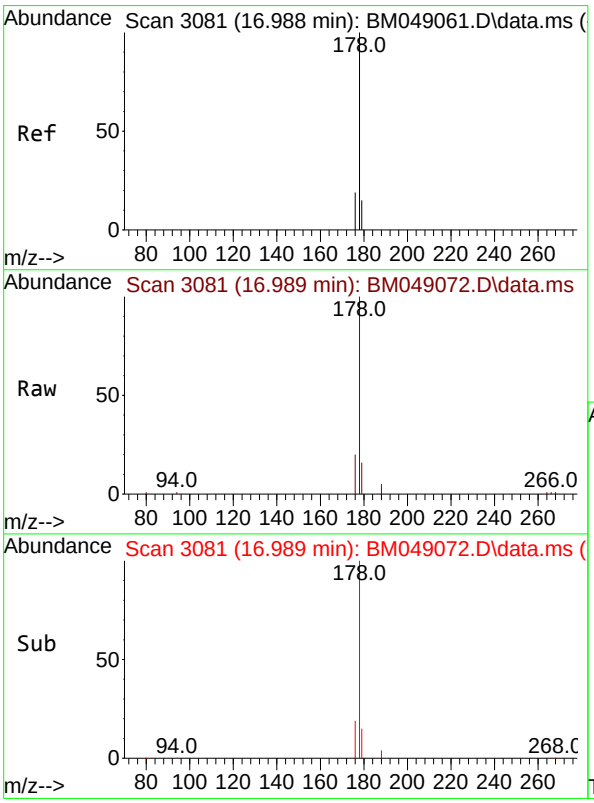
#12
Fluorene
Concen: 0.239 ng/ul
RT: 15.256 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:166 Resp: 8165

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	15.3	11.4	17.0

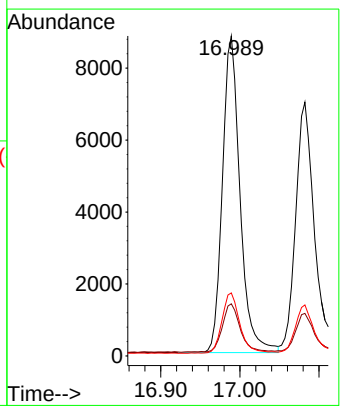


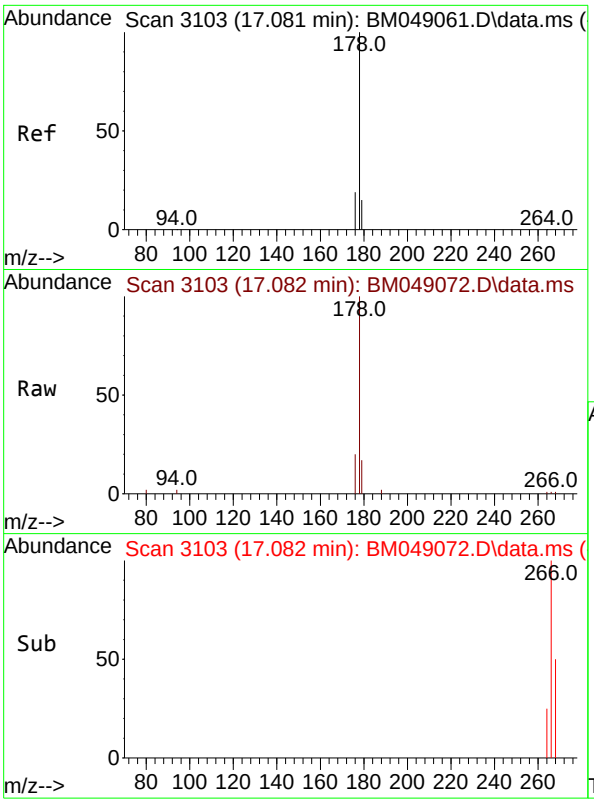


#15
Phenanthrene
Concen: 0.254 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:178 Resp: 13615

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.7	16.2	24.2



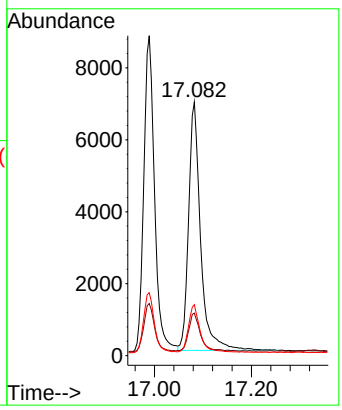


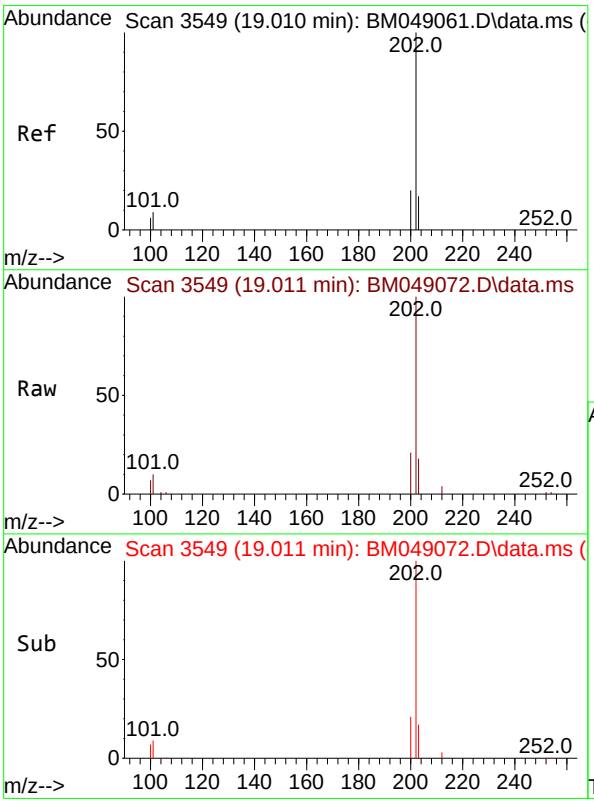
#16
Anthracene
Concen: 0.241 ng/ul
RT: 17.082 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:178 Resp: 11878

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.9	19.3
176	20.1	15.3	22.9

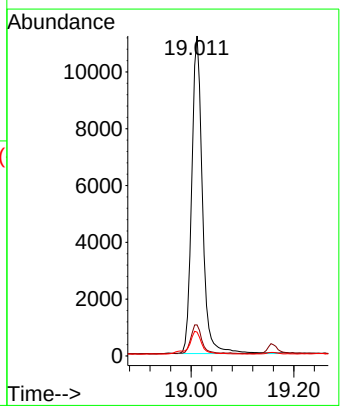


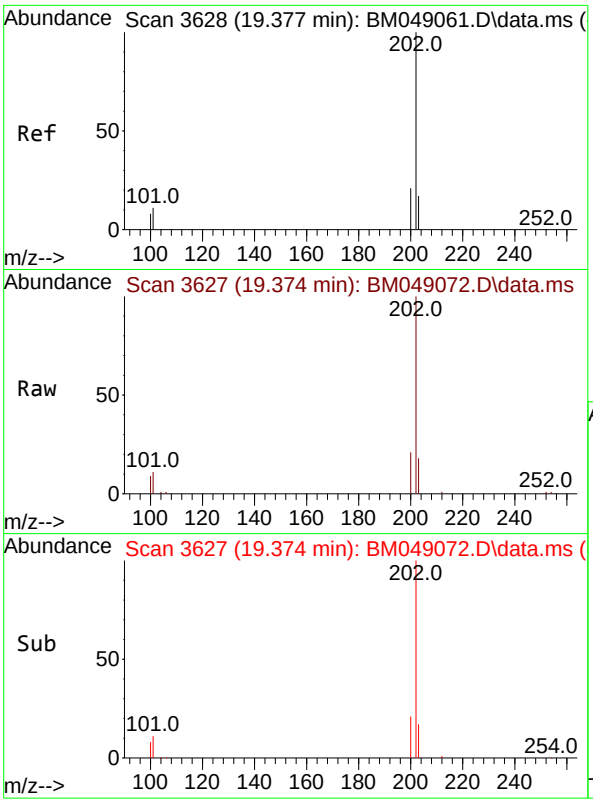


#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:202 Resp: 16214

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.6	11.4
100	7.5	5.5	8.3



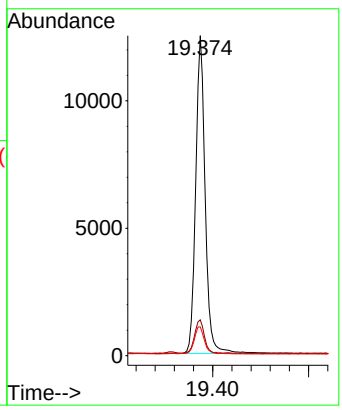


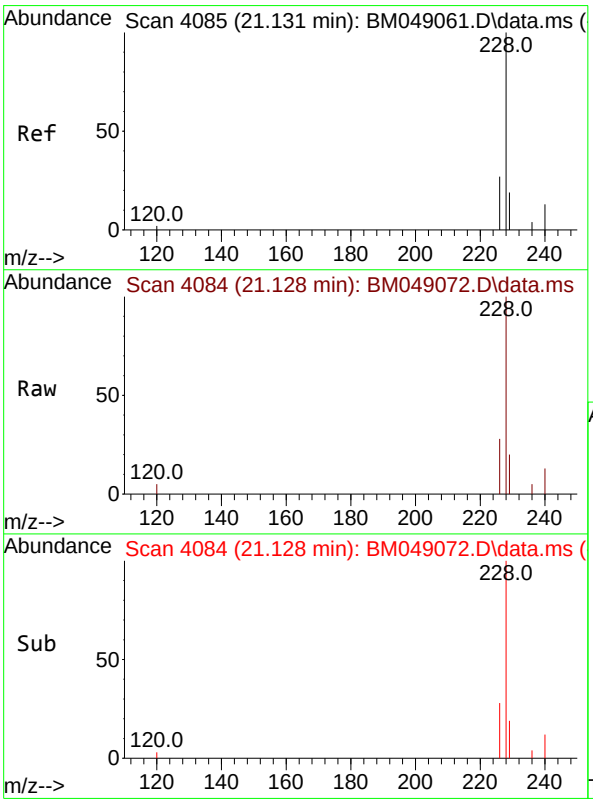
#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.374 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:202 Resp: 17267

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	9.0	6.9	10.3

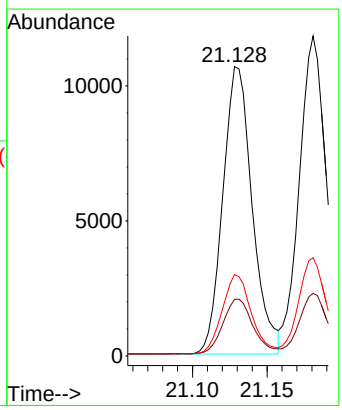


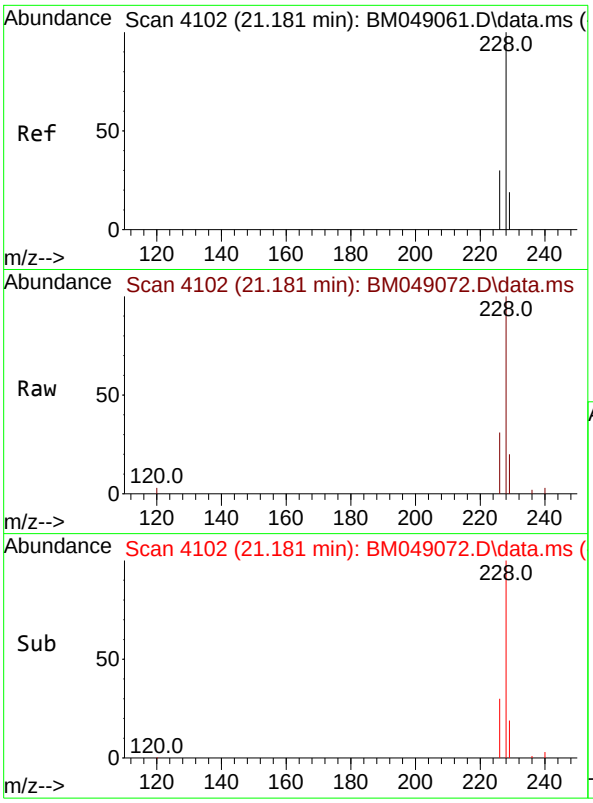


#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:228 Resp: 14607

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	28.2	22.6	34.0



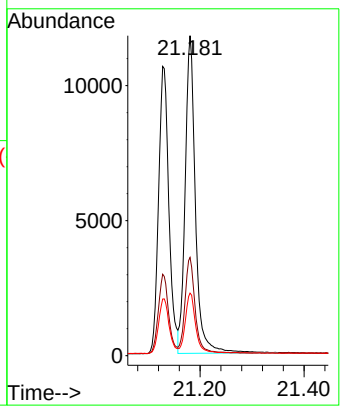


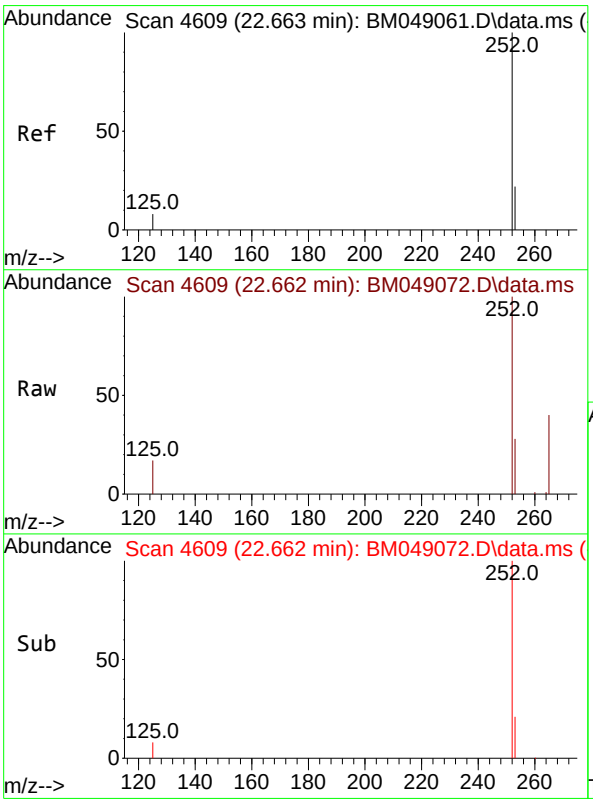
#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.181 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:228 Resp: 16127

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.6	15.8	23.8

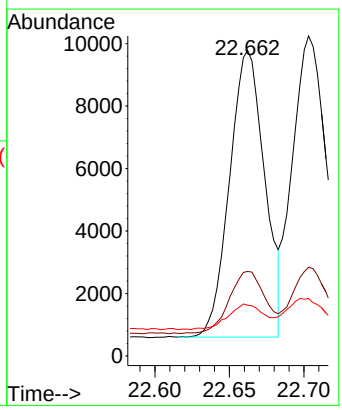


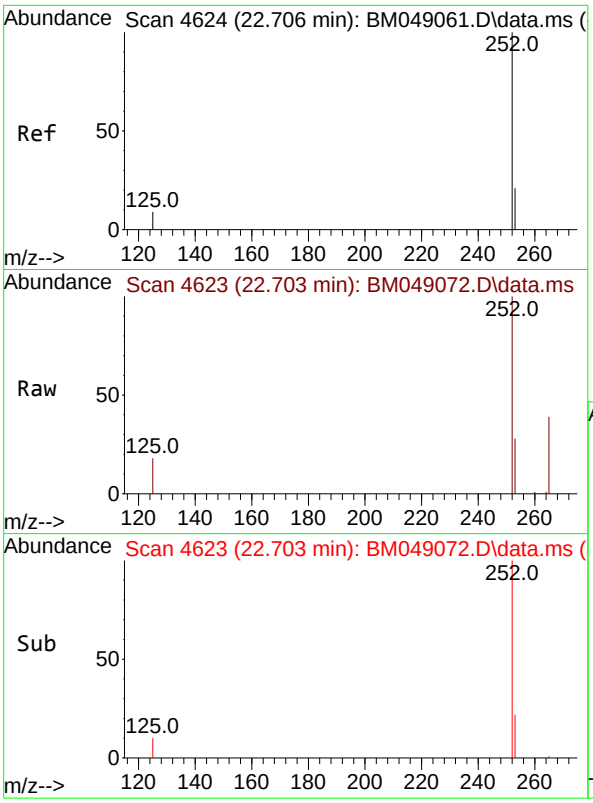


#24
Benzo(b)fluoranthene
Concen: 0.272 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:252 Resp: 15028

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	52.6
125	16.6	0.0	30.8



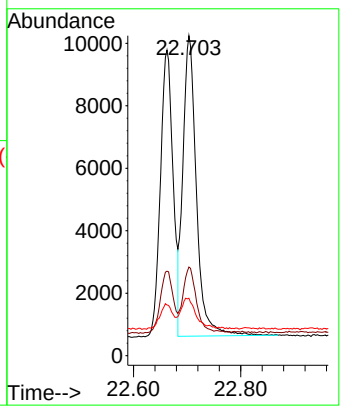


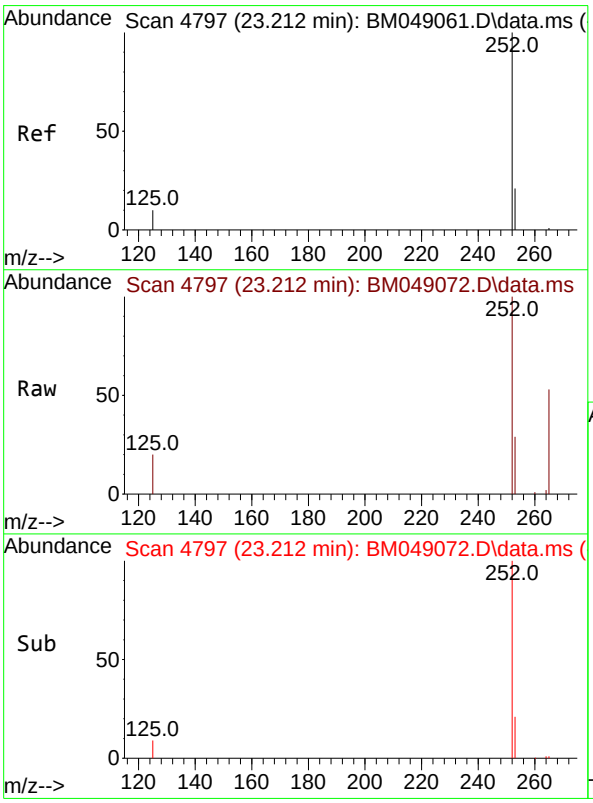
#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul
RT: 22.703 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:252 Resp: 16833

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.3	31.9
125	18.0	12.6	18.8

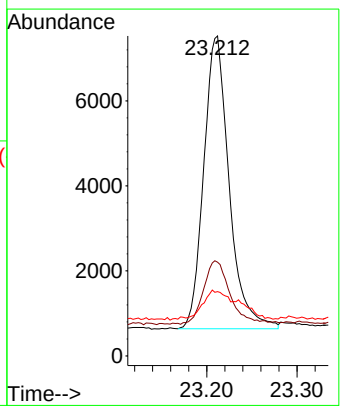


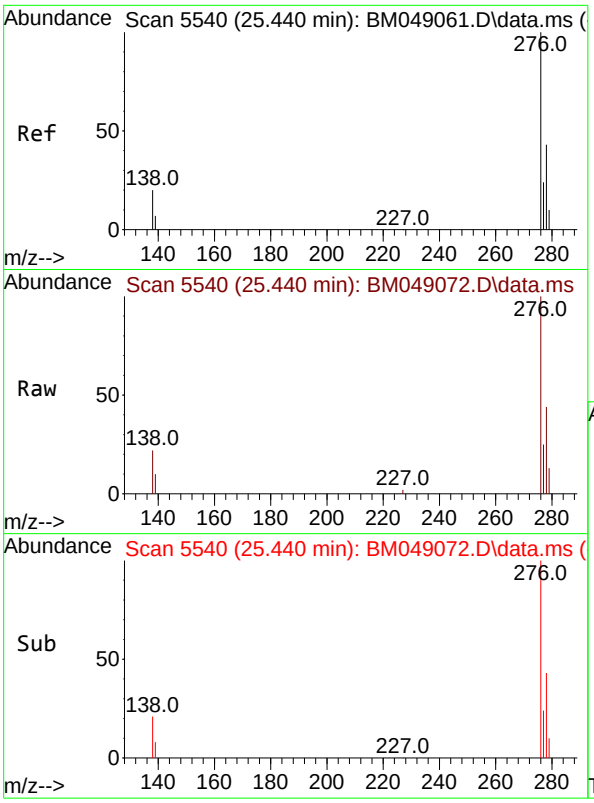


#26
Benzo(a)pyrene
Concen: 0.254 ng/ul
RT: 23.212 min Scan# 4797
Delta R.T. 0.003 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:252 Resp: 13465

Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.4	33.6
125	20.1	14.8	22.2



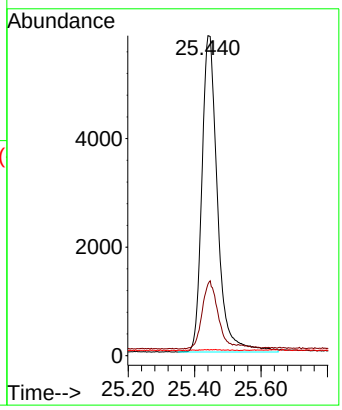


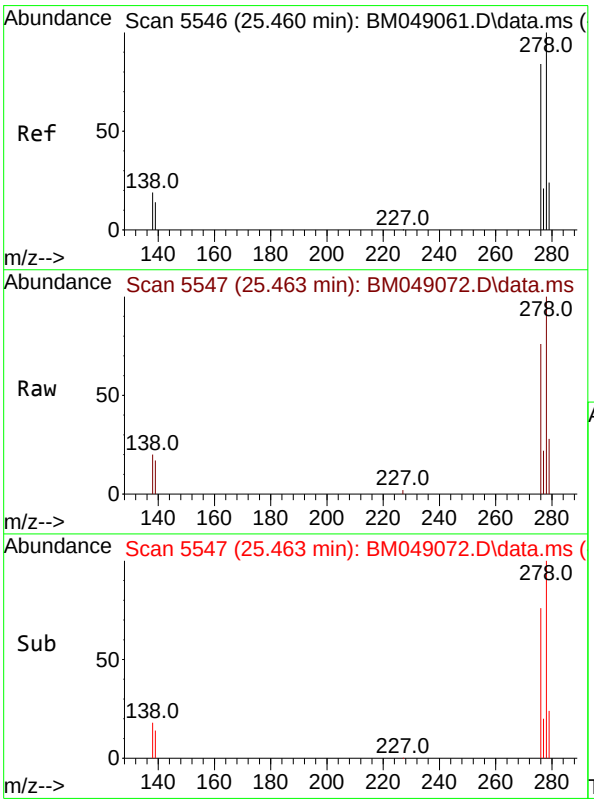
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 25.440 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:276 Resp: 19012

Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.4	26.2
227	0.2	0.2	0.2

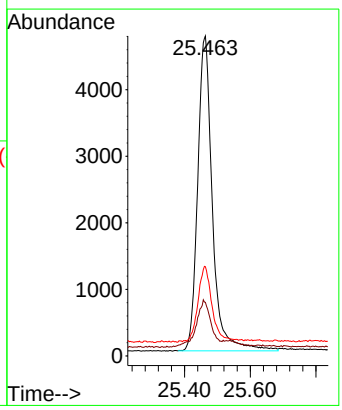


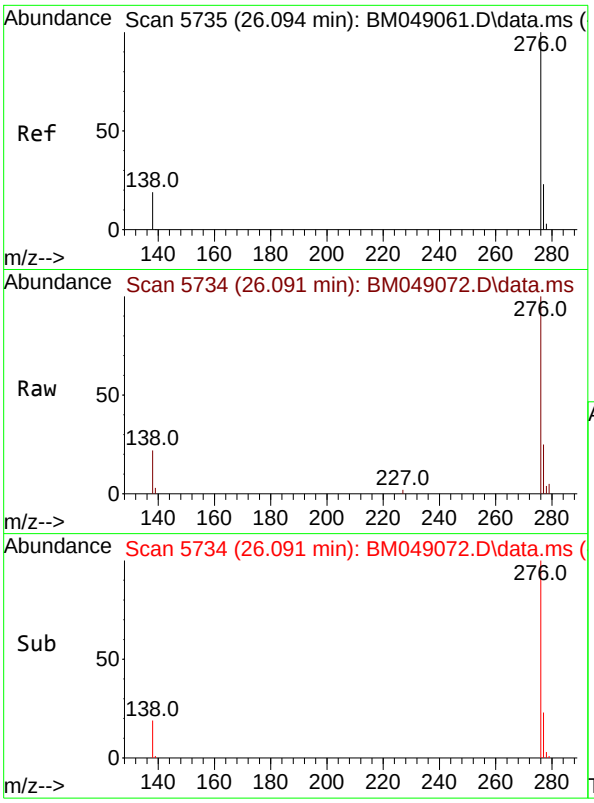


#28
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.463 min Scan# 5547
Delta R.T. -0.004 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Tgt Ion:278 Resp: 14696

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	27.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 26.091 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM049072.D
Acq: 19 Dec 2024 16:06

Instrument :
BNA_M
ClientSampleId :
E2AR4MS

Tgt Ion:276 Resp: 15354

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.7	25.1
277	25.0	19.9	29.9