Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049289.D
Acq On : 28 Dec 2024 12:44
Operator : RC/JU
Sample : P5378-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YE686

Quant Time: Dec 29 21:57:13 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	6535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	20456	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.178	164	16006	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.027	188	1260124	0.400	ng/ul	0.09
17) Chrysene-d12	21.277	240	324	0.400	ng/ul	# 0.14
23) Perylene-d12	23.499	264	15	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	22709	3.013	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	6942	0.253	ng/ul	-0.02
18) Fluoranthene-d10	19.086	212	249520	271.432	ng/ul	0.12
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	654	0.074	ng/ul#	60
5) Naphthalene	10.348	128	733853	14.331	ng/ul	98
7) 2-Methylnaphthalene	11.970	142	245481	7.567	ng/ul	98
8) 1-Methylnaphthalene	12.190	142	141669	4.265	ng/ul	100
10) Acenaphthylene	13.896	152	9200	0.139	ng/ul#	1
11) Acenaphthene	14.238	153	32108	0.663	ng/ul	98
12) Fluorene	15.233	166	84504	1.547	ng/ul#	98
15) Phenanthrene	17.061	178	88453	0.027	ng/ul#	93
19) Fluoranthene	19.151	202	796	0.679	ng/ul#	1
20) Pyrene	19.504	202	1162	0.930	ng/ul#	1
21) Benzo(a)anthracene	21.295	228	1928	1.711	ng/ul#	1
22) Chrysene	21.295	228	2227	1.841	ng/ul#	1
24) Benzo(b)fluoranthene	22.820	252	1830	38.187	ng/ul#	1
25) Benzo(k)fluoranthene	22.887	252	93	1.769	ng/ul#	1
26) Benzo(a)pyrene	23.382	252	200	4.352	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.672	276	373	5.735	ng/ul#	55
28) Dibenzo(a,h)anthracene	25.678	278	1446	28.614	ng/ul#	1
29) Benzo(g,h,i)perylene	26.322	276	19	0.363	ng/ul#	1

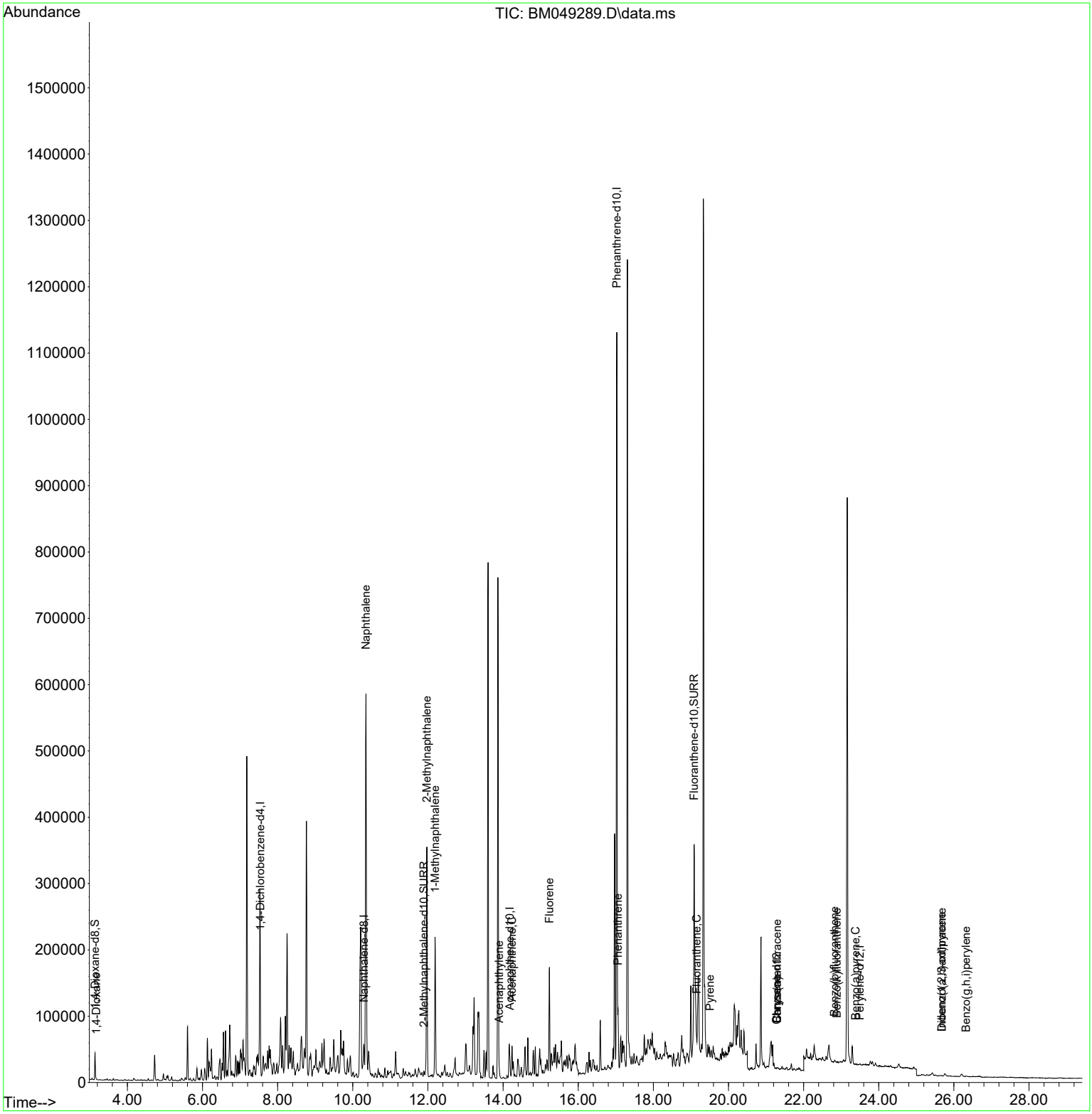
(#) = qualifier out of range (m) = manual integration (+) = signals summed

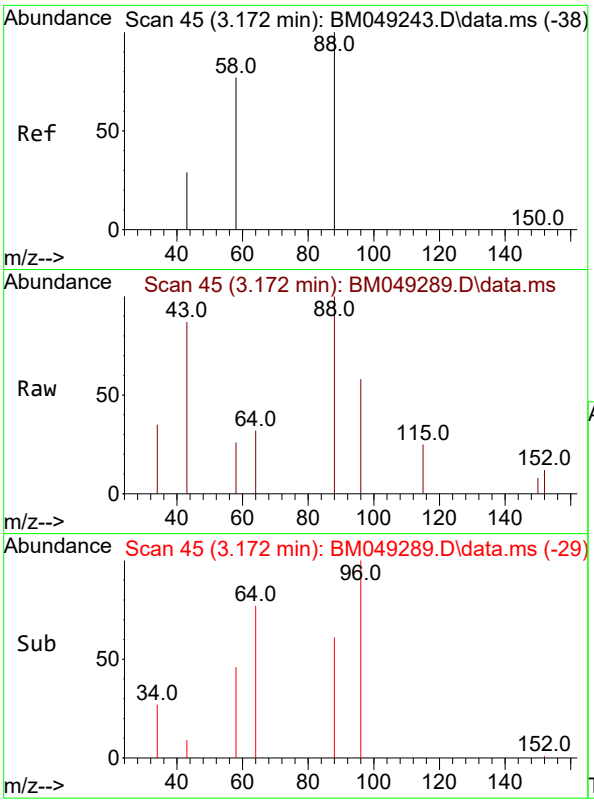
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049289.D
Acq On : 28 Dec 2024 12:44
Operator : RC/JU
Sample : P5378-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YE686

Quant Time: Dec 29 21:57:13 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



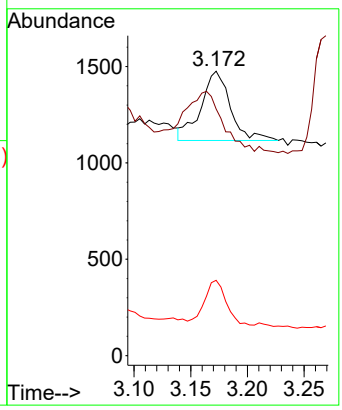


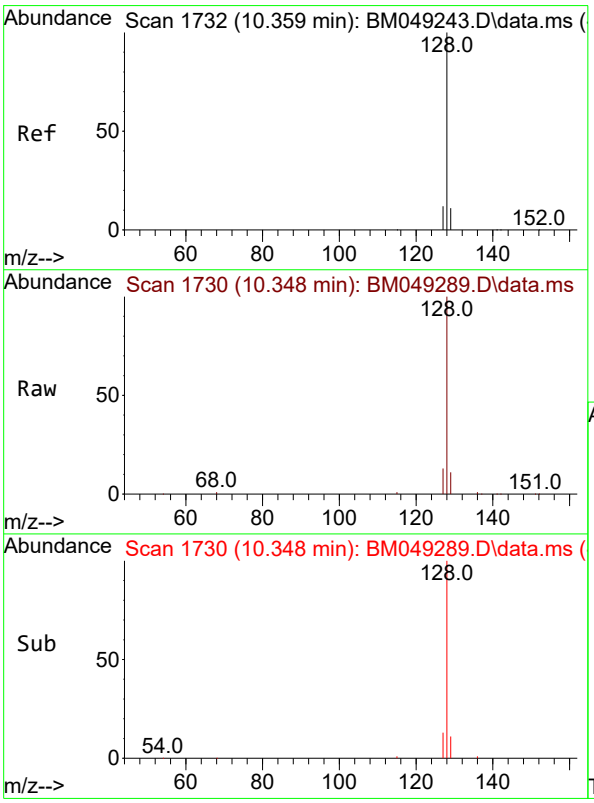
#2
1,4-Dioxane
Concen: 0.074 ng/ul
RT: 3.172 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion: 88 Resp: 654

Ion	Ratio	Lower	Upper
88	100		
43	86.7	45.4	68.2#
58	26.5	43.6	65.4#

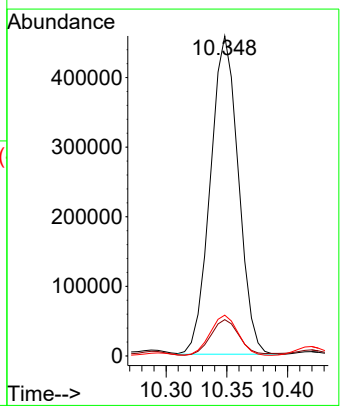


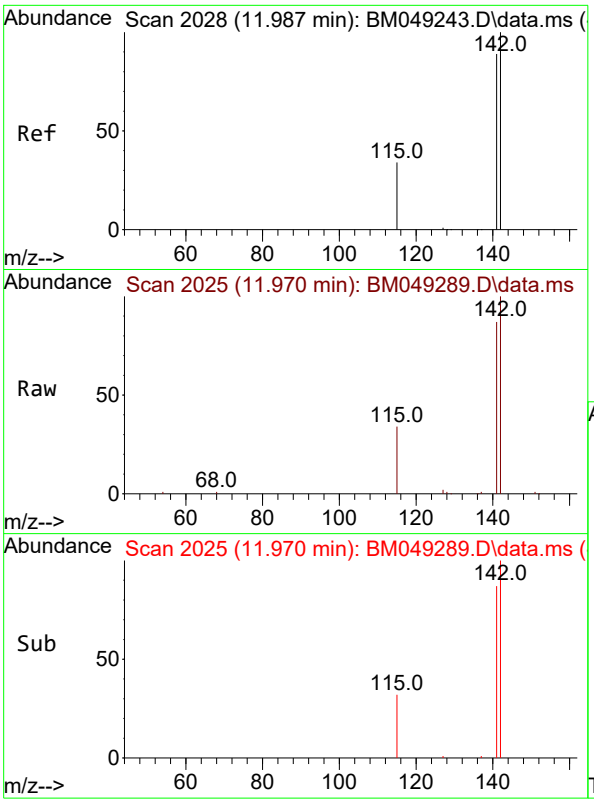


#5
Naphthalene
Concen: 14.331 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:128 Resp: 733853

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	12.8	10.6	16.0



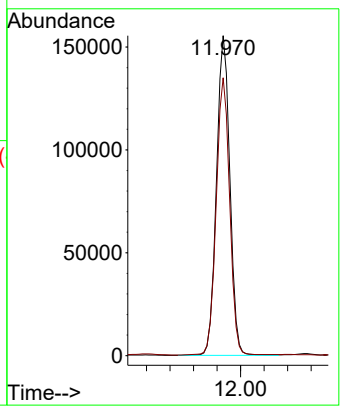


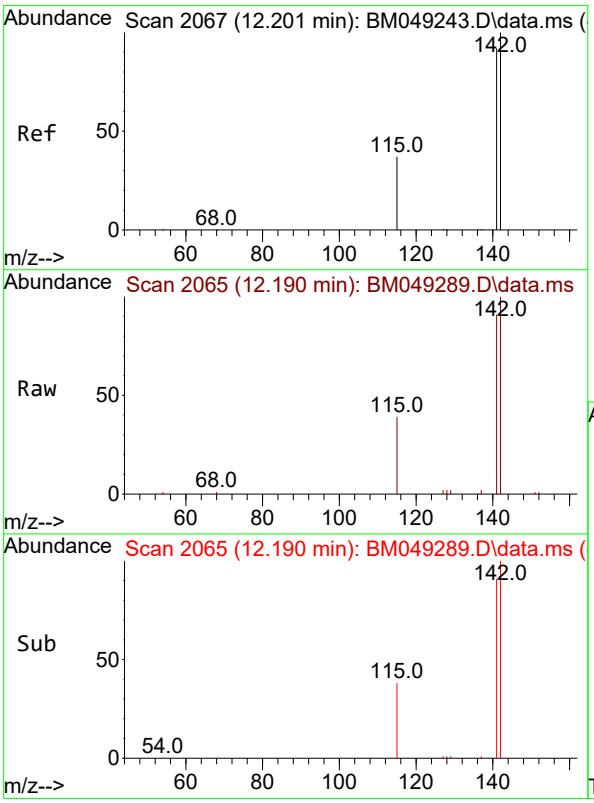
#7
2-Methylnaphthalene
Concen: 7.567 ng/ul
RT: 11.970 min Scan# 2
Delta R.T. -0.010 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:142 Resp: 245481

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.7	107.5

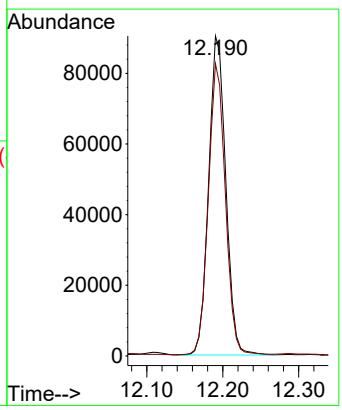


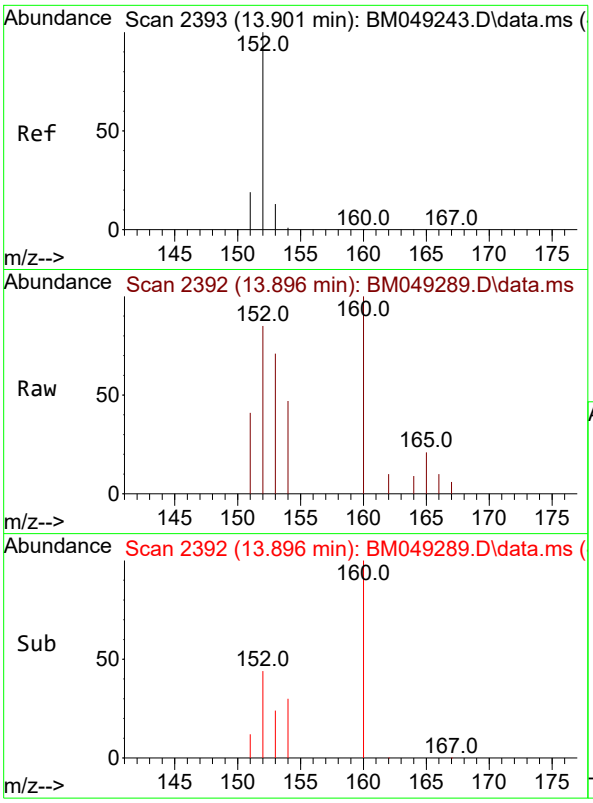


#8
1-Methylnaphthalene
Concen: 4.265 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.015 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:142 Resp: 141669

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.7	109.1



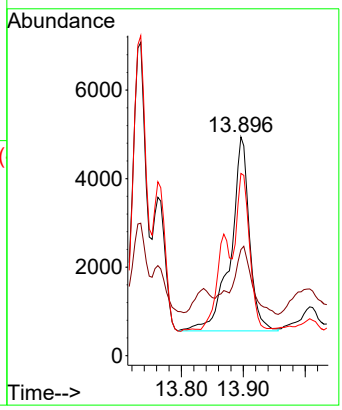


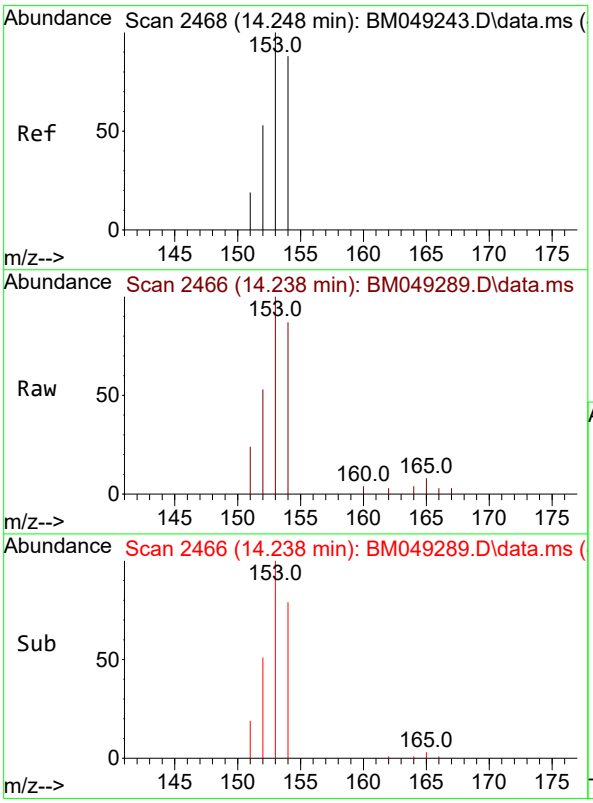
#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 13.896 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:152 Resp: 9200

Ion	Ratio	Lower	Upper
152	100		
151	48.5	16.0	24.0#
153	83.3	11.0	16.6#

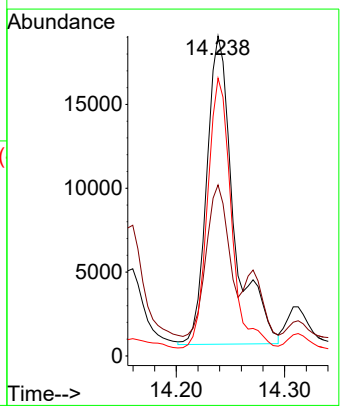


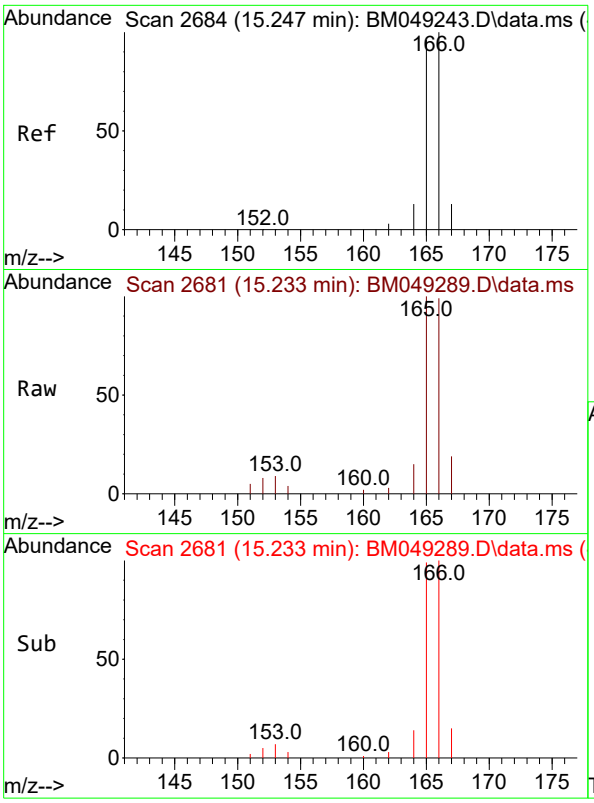


#11
Acenaphthene
Concen: 0.663 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:153 Resp: 32108

Ion	Ratio	Lower	Upper
153	100		
152	53.4	40.7	61.1
154	86.8	70.8	106.2



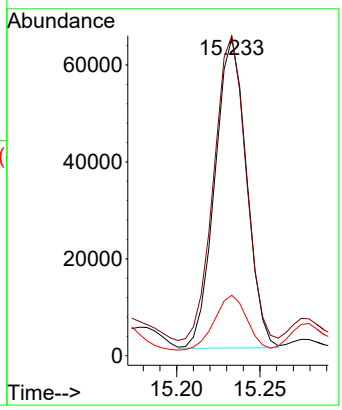


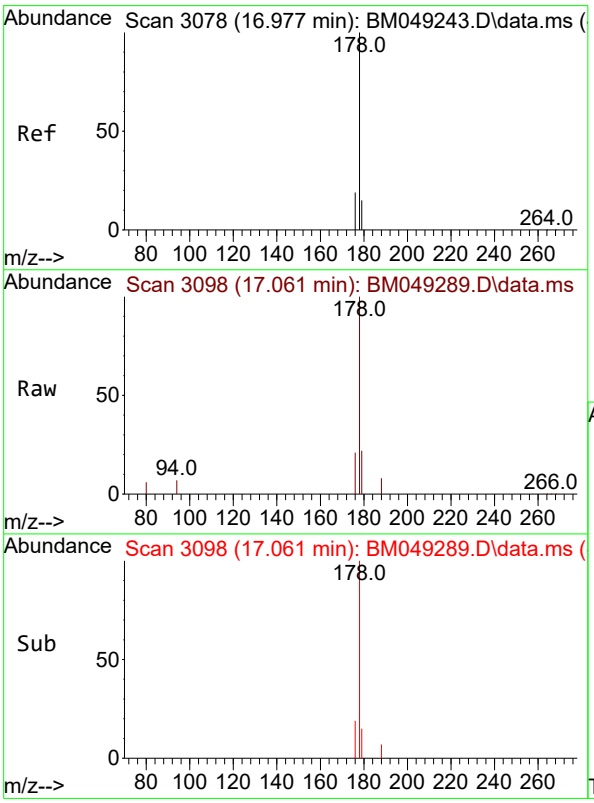
#12
Fluorene
Concen: 1.547 ng/ul
RT: 15.233 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:166 Resp: 84504

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.7	119.5
167	19.1	11.4	17.0#

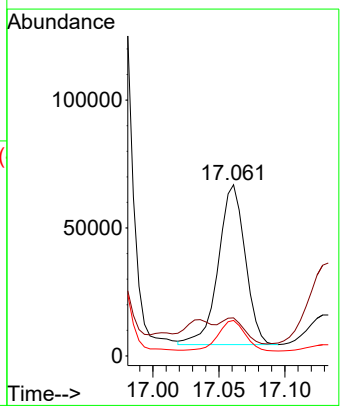


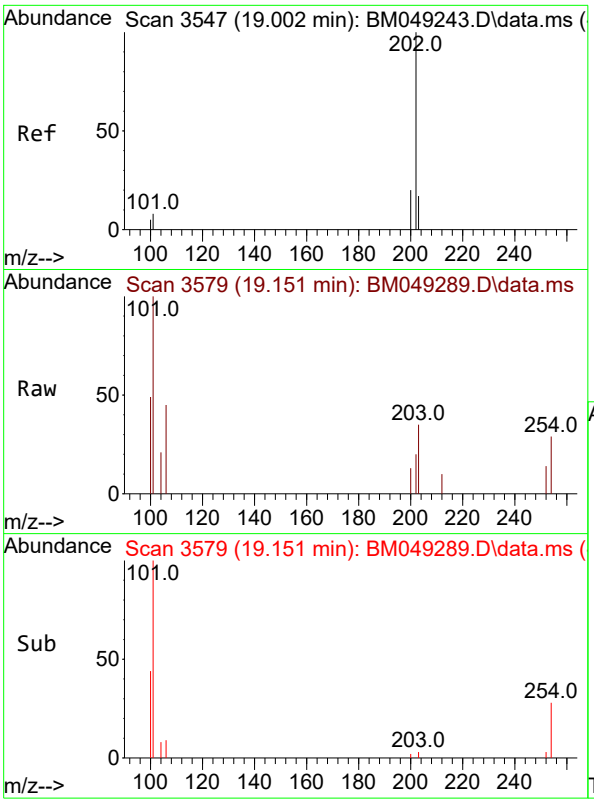


#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. 0.086 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:178 Resp: 88453

Ion	Ratio	Lower	Upper
178	100		
179	22.2	13.0	19.4#
176	20.7	16.2	24.2



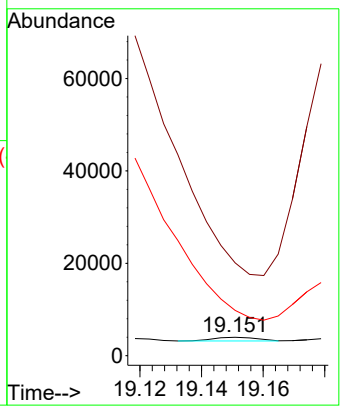


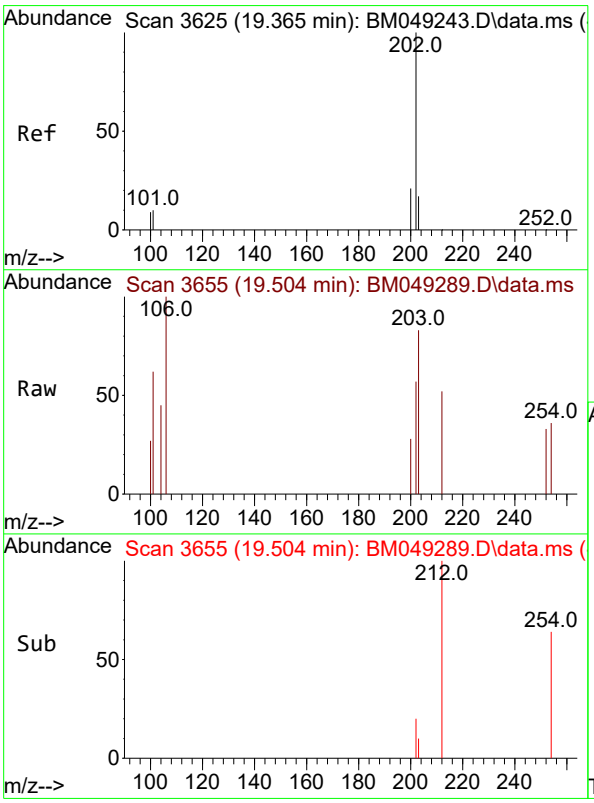
#19
Fluoranthene
Concen: 0.679 ng/ul
RT: 19.151 min Scan# 3
Delta R.T. 0.150 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:202 Resp: 796

Ion	Ratio	Lower	Upper
202	100		
101	504.0	7.6	11.4#
100	246.1	5.5	8.3#

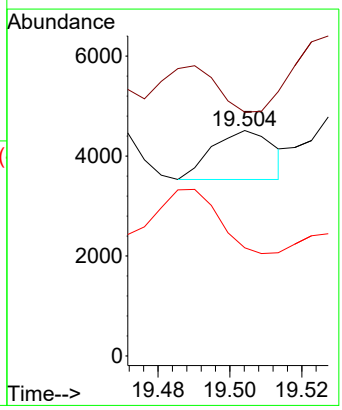


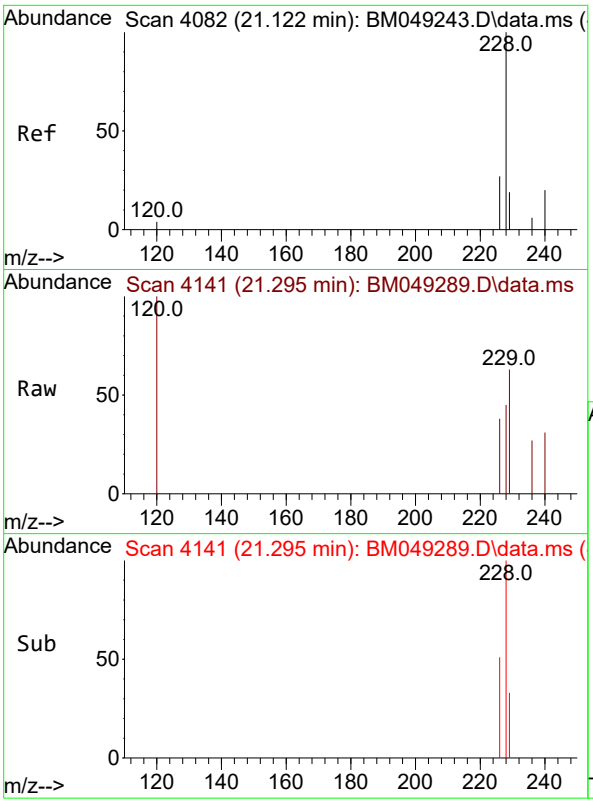


#20
Pyrene
Concen: 0.930 ng/ul
RT: 19.504 min Scan# 3655
Delta R.T. 0.141 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:202 Resp: 1162

Ion	Ratio	Lower	Upper
202	100		
101	108.2	8.9	13.3#
100	48.0	6.9	10.3#



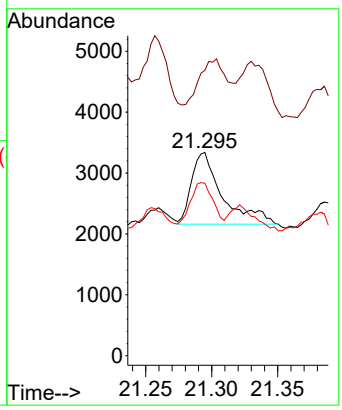


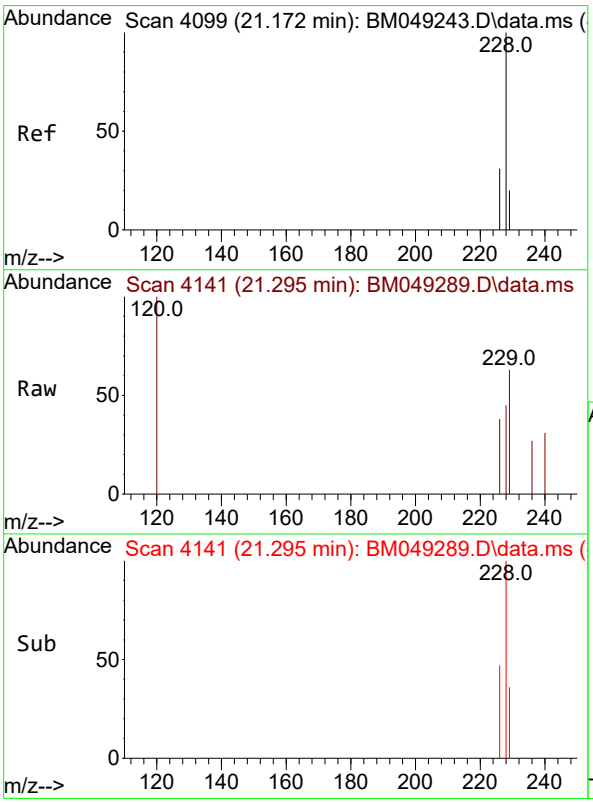
#21
Benzo(a)anthracene
Concen: 1.711 ng/ul
RT: 21.295 min Scan# 4
Delta R.T. 0.175 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:228 Resp: 1928

Ion	Ratio	Lower	Upper
228	100		
229	140.4	15.9	23.9#
226	84.8	22.6	34.0#

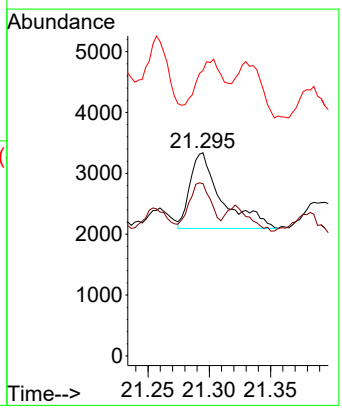


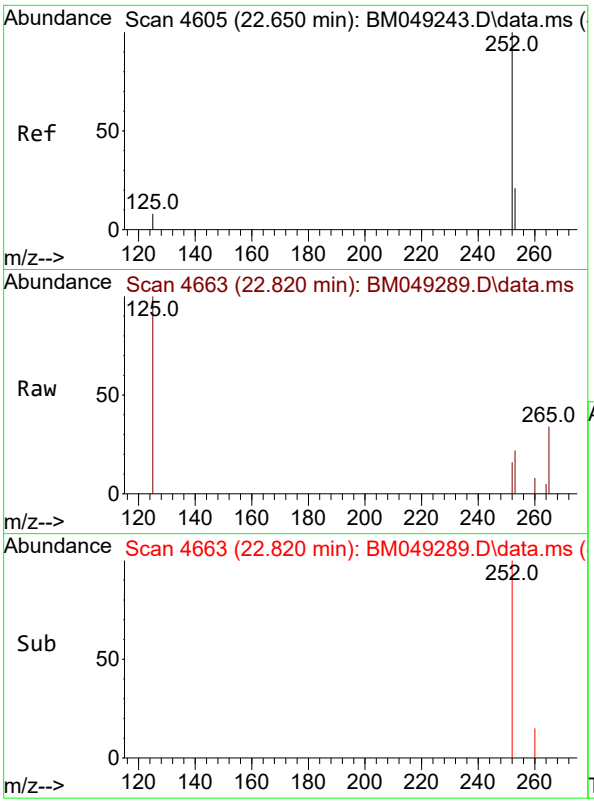


#22
Chrysene
Concen: 1.841 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. 0.122 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:228 Resp: 2227

Ion	Ratio	Lower	Upper
228	100		
226	84.8	24.1	36.1#
229	140.4	15.8	23.8#



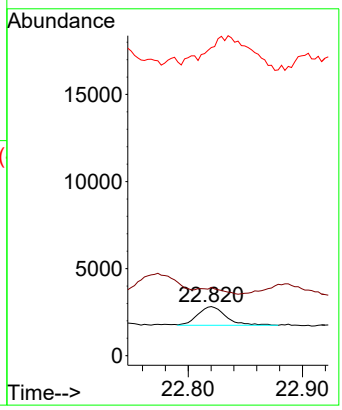


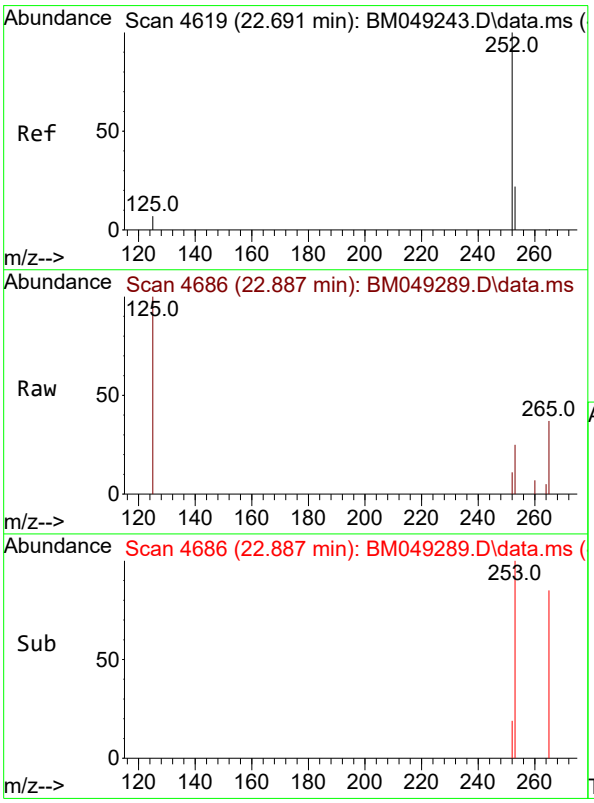
#24
Benzo(b)fluoranthene
Concen: 38.187 ng/ul
RT: 22.820 min Scan# 4
Delta R.T. 0.172 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:252 Resp: 1830

Ion	Ratio	Lower	Upper
252	100		
253	138.8	0.0	52.6#
125	626.4	0.0	30.8#

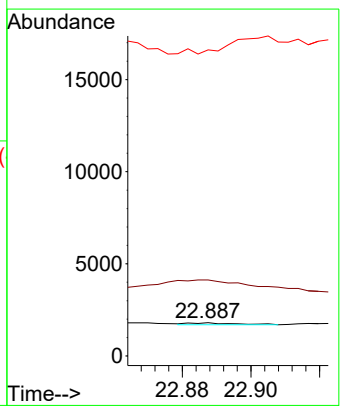


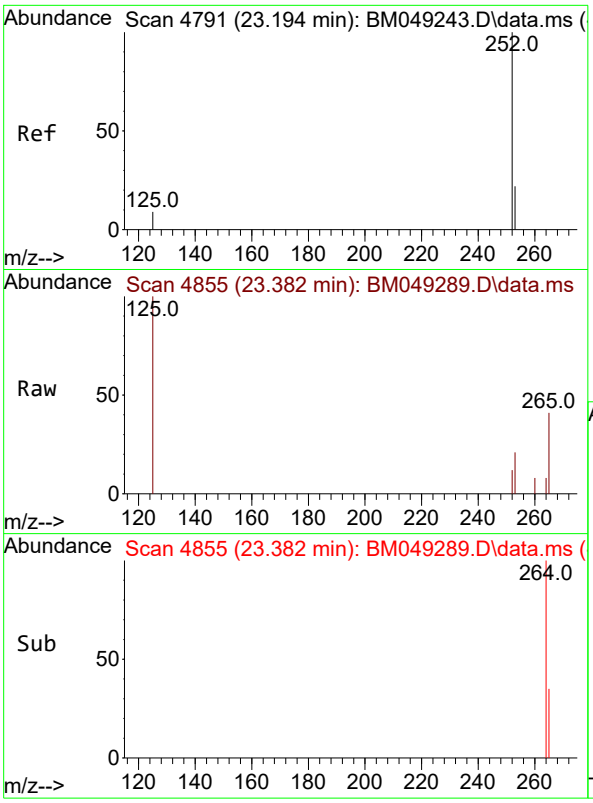


#25
Benzo(k)fluoranthene
Concen: 1.769 ng/ul
RT: 22.887 min Scan# 4686
Delta R.T. 0.196 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	227.8	21.3	31.9#
125	918.0	12.6	18.8#



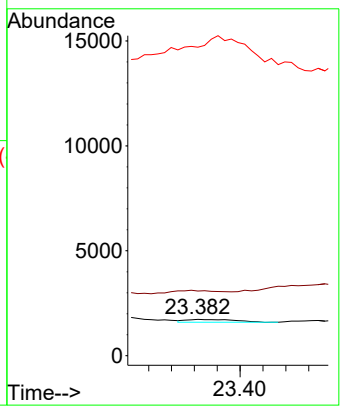


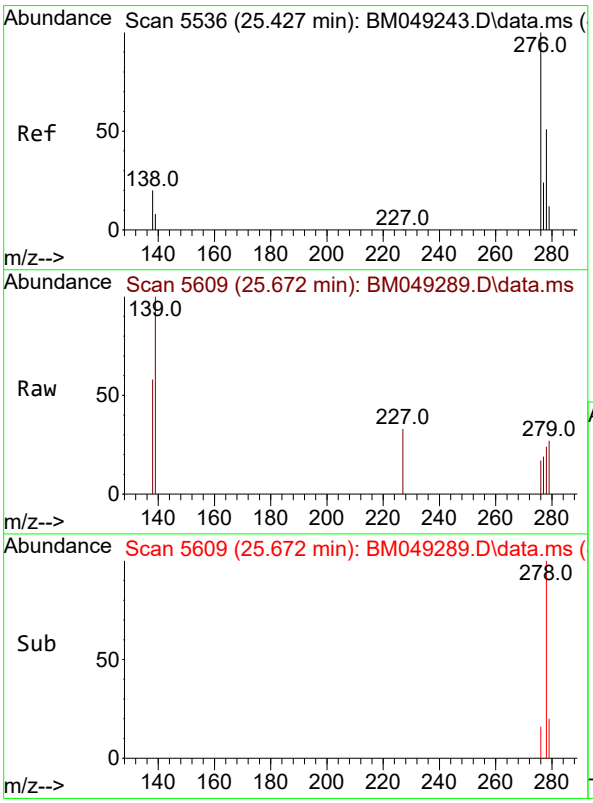
#26
Benzo(a)pyrene
Concen: 4.352 ng/ul
RT: 23.382 min Scan# 4
Delta R.T. 0.190 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:252 Resp: 200

Ion	Ratio	Lower	Upper
252	100		
253	178.0	22.4	33.6#
125	849.6	14.8	22.2#

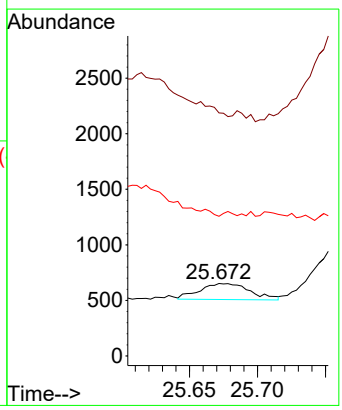


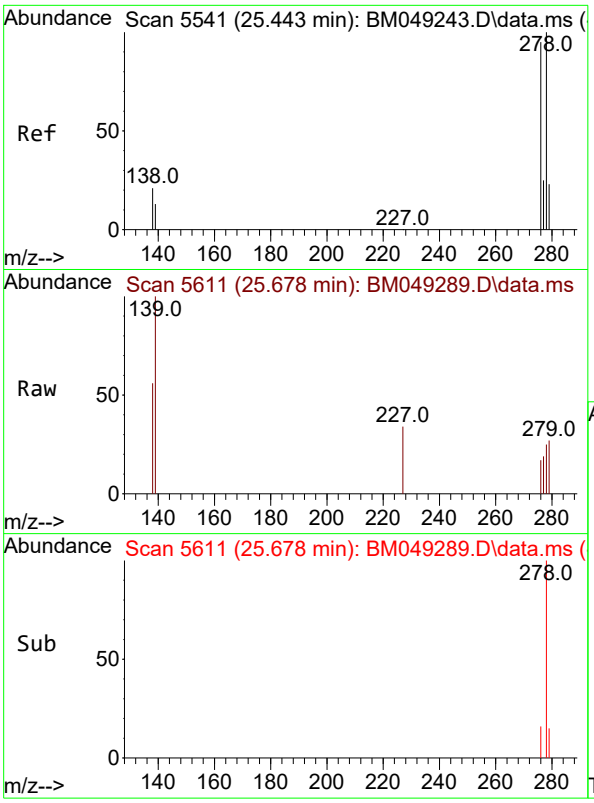


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.735 ng/ul
RT: 25.672 min Scan# 5609
Delta R.T. 0.255 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:276 Resp: 373

Ion	Ratio	Lower	Upper
276	100		
138	0.0	17.4	26.2#
227	0.0	0.2	0.2#



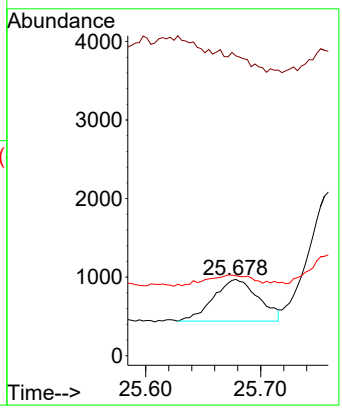


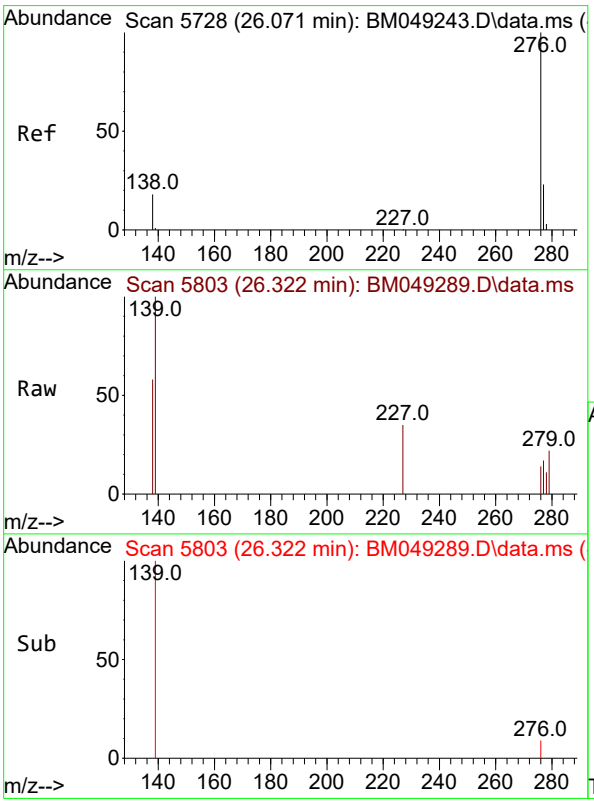
#28
Dibenzo(a,h)anthracene
Concen: 28.614 ng/ul
RT: 25.678 min Scan# 5
Delta R.T. 0.241 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Instrument :
BNA_M
ClientSampleId :
YE686

Tgt Ion:278 Resp: 1446

Ion	Ratio	Lower	Upper
278	100		
139	393.2	13.5	20.3#
279	104.9	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.322 min Scan# 5803
Delta R.T. 0.255 min
Lab File: BM049289.D
Acq: 28 Dec 2024 12:44

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
138	430.5	16.7	25.1#
277	127.0	19.9	29.9#