Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049132.D
Acq On : 21 Dec 2024 10:50
Operator : RC/JU
Sample : P5265-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z0

Quant Time: Dec 22 23:07:24 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	7.556	152	9470	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	29513	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	16390	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	35661	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	29476	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	32125	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	41126	3.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	7382	0.186	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	10238	0.122	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.365	128	2734	0.037	ng/ul#	85
7) 2-Methylnaphthalene	11.992	142	2048	0.044	ng/ul	97
8) 1-Methylnaphthalene	12.212	142	1432	0.030	ng/ul	97
10) Acenaphthylene	13.910	152	1992	0.029	ng/ul#	83
11) Acenaphthene	14.257	153	1688	0.034	ng/ul	97
12) Fluorene	15.247	166	1673	0.030	ng/ul#	92
15) Phenanthrene	16.981	178	37099	0.398	ng/ul	99
16) Anthracene	17.074	178	7654	0.090	ng/ul#	95
19) Fluoranthene	19.007	202	94969	0.891	ng/ul	100
20) Pyrene	19.369	202	81750	0.719	ng/ul	99
21) Benzo(a)anthracene	21.125	228	41099	0.401	ng/ul	98
22) Chrysene	21.178	228	43046	0.391	ng/ul	97
24) Benzo(b)fluoranthene	22.659	252	79697	0.777	ng/ul	98
25) Benzo(k)fluoranthene	22.659	252	79697	0.708	ng/ul	97
26) Benzo(a)pyrene	23.206	252	38025	0.386	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.437	276	30238	0.217	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.450	278	6943	0.064	ng/ul#	73
29) Benzo(g,h,i)perylene	26.087	276	32407	0.289	ng/ul	99

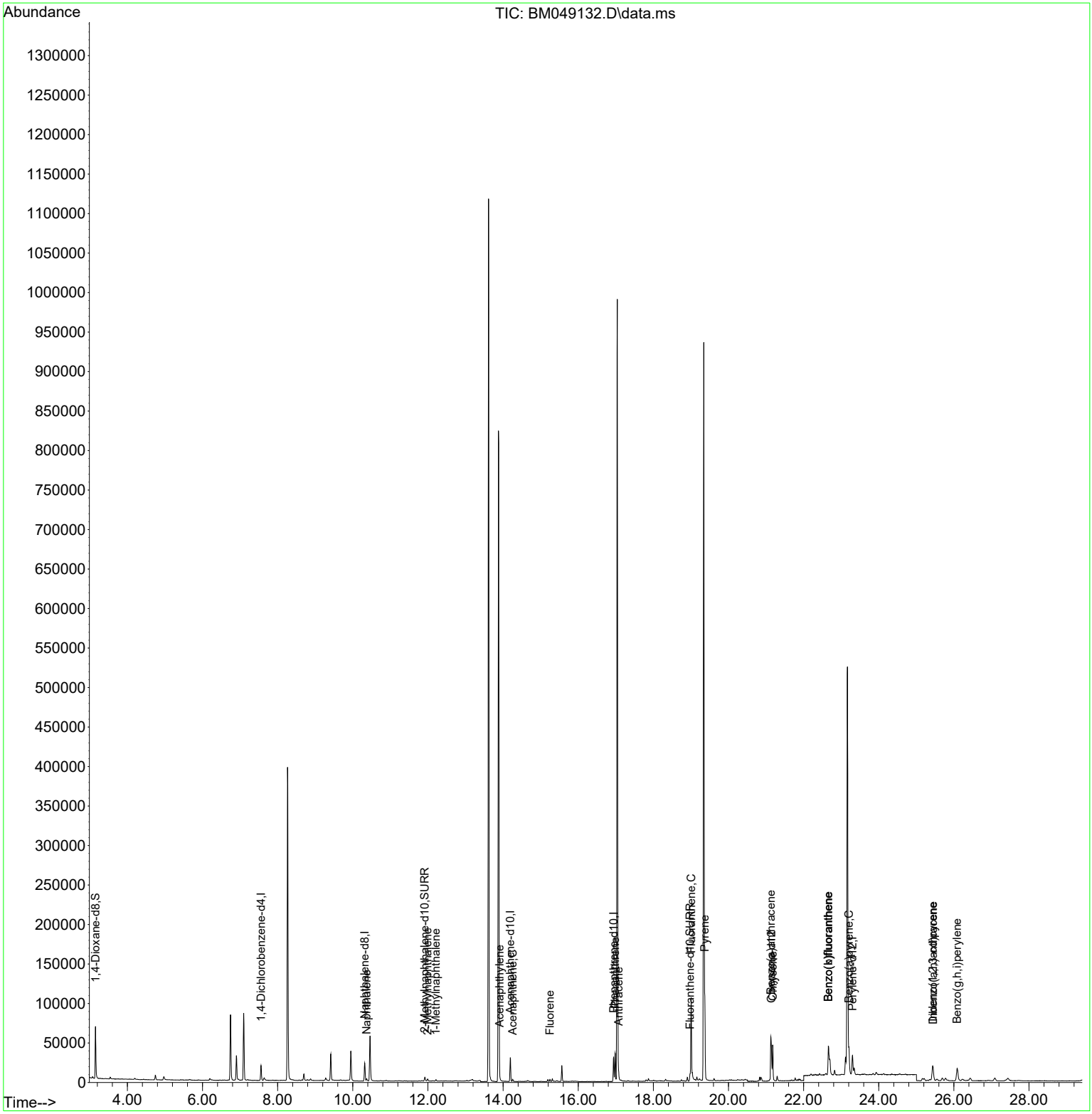
(#) = qualifier out of range (m) = manual integration (+) = signals summed

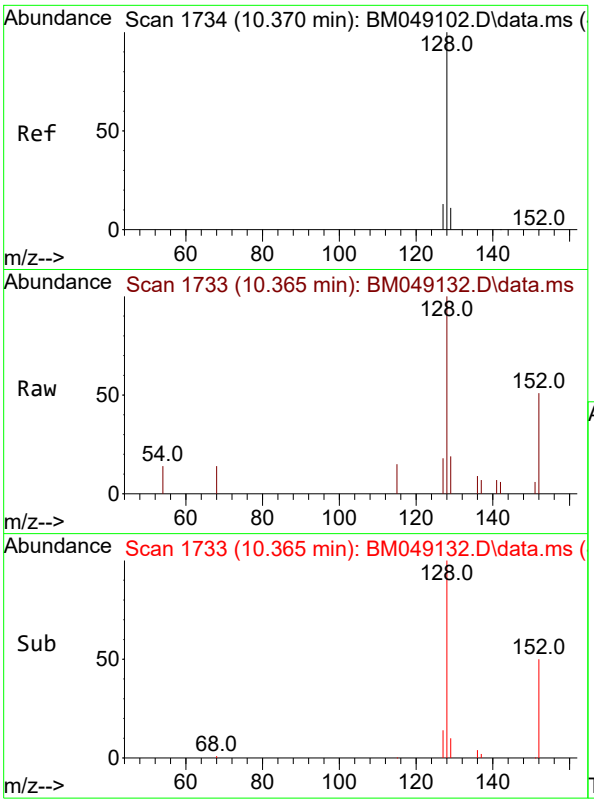
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049132.D
Acq On : 21 Dec 2024 10:50
Operator : RC/JU
Sample : P5265-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z0

Quant Time: Dec 22 23:07:24 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



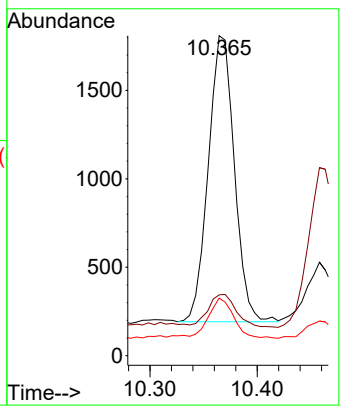


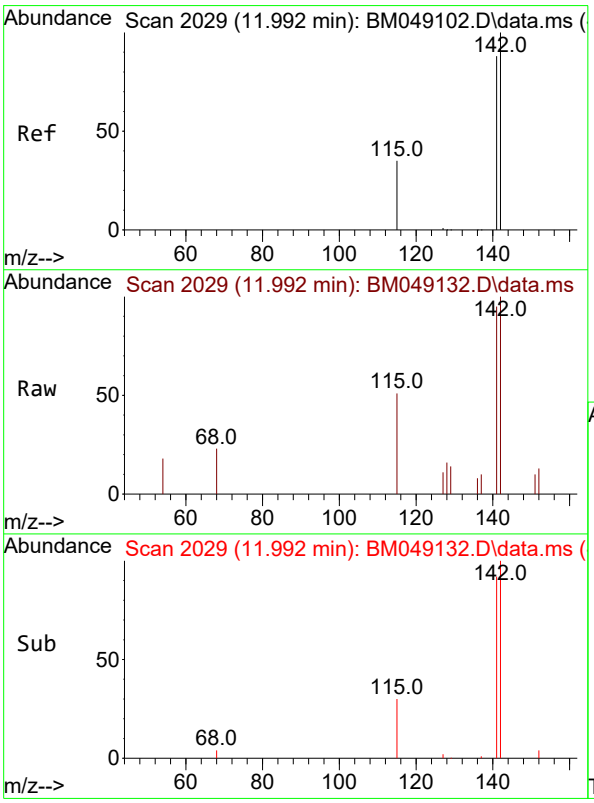
#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.365 min Scan# 1
Delta R.T. -0.015 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:128 Resp: 2734

Ion	Ratio	Lower	Upper
128	100		
129	19.0	9.7	14.5#
127	18.0	10.6	16.0#

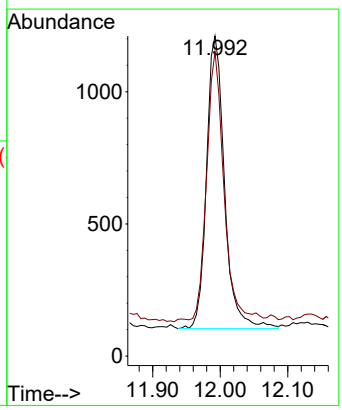


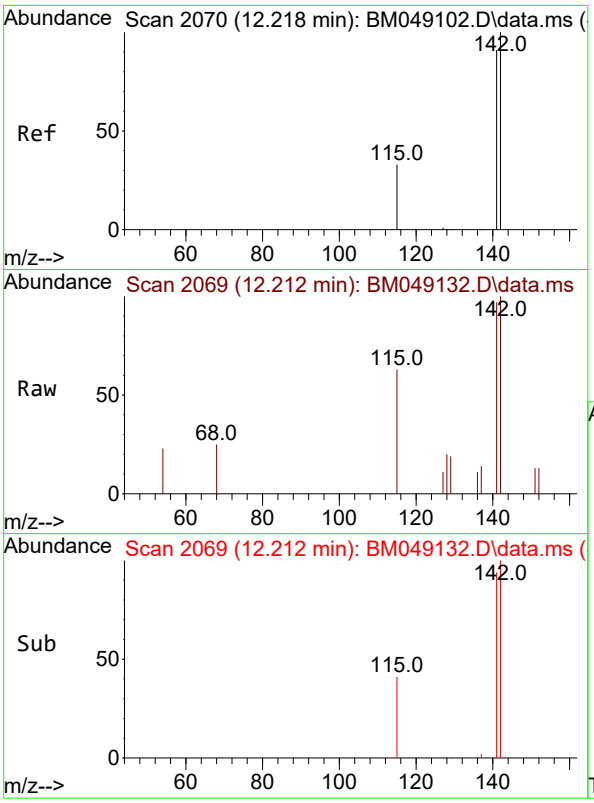


#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:142 Resp: 2048

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.7	107.5



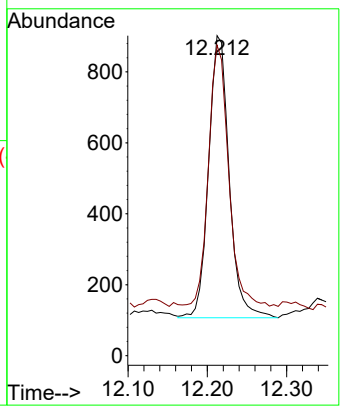


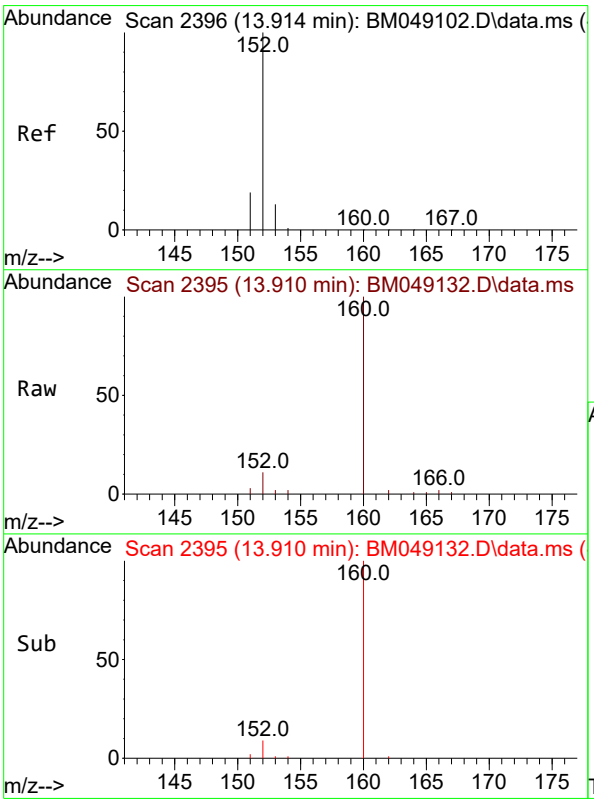
#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.212 min Scan# 2
Delta R.T. -0.010 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:142 Resp: 1432

Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.7	109.1

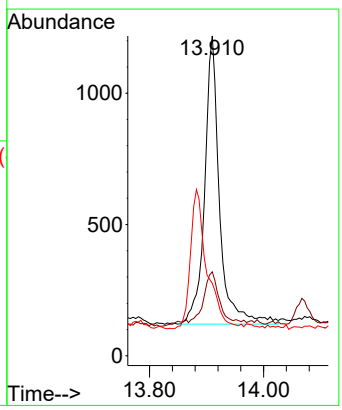


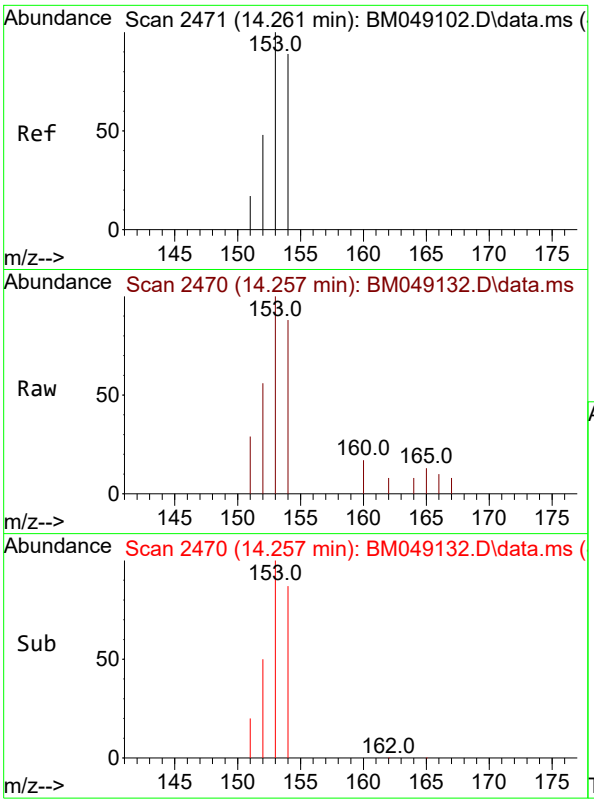


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:152 Resp: 1992

Ion	Ratio	Lower	Upper
152	100		
151	26.3	16.0	24.0#
153	22.7	11.0	16.6#



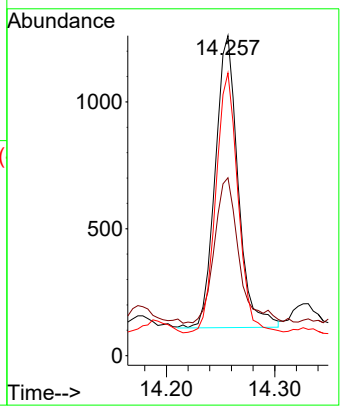


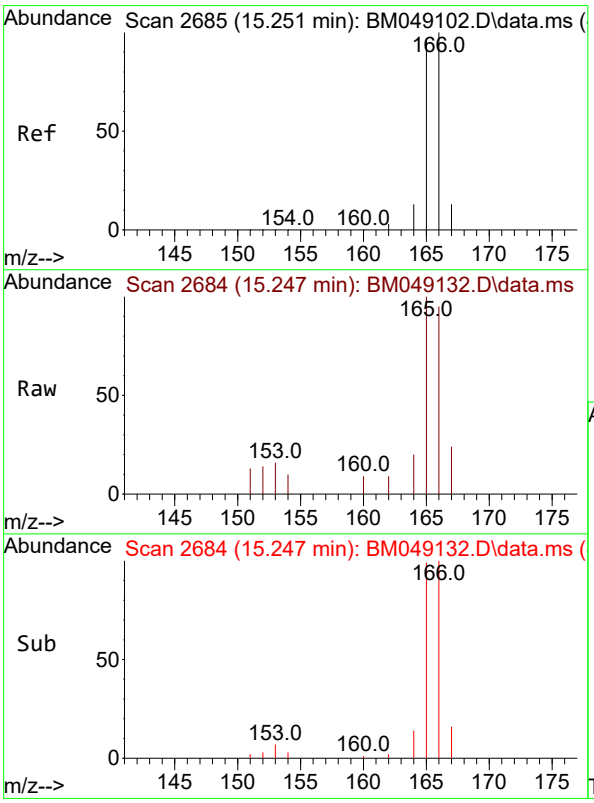
#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.257 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:153 Resp: 1688

Ion	Ratio	Lower	Upper
153	100		
152	55.6	40.7	61.1
154	88.3	70.8	106.2

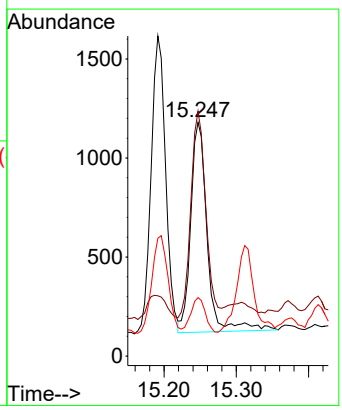


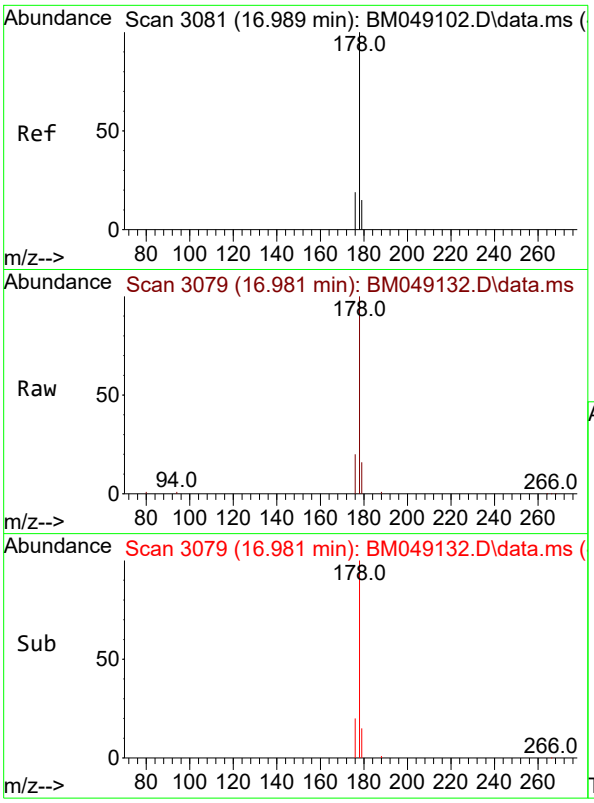


#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.247 min Scan# 2684
Delta R.T. -0.008 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:166 Resp: 1673

Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.7	119.5
167	25.0	11.4	17.0#



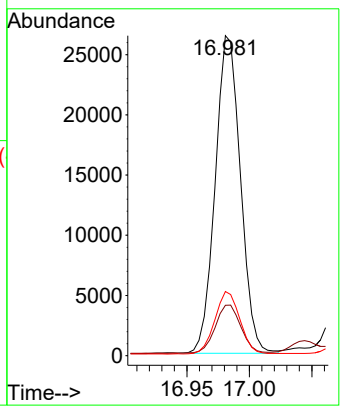


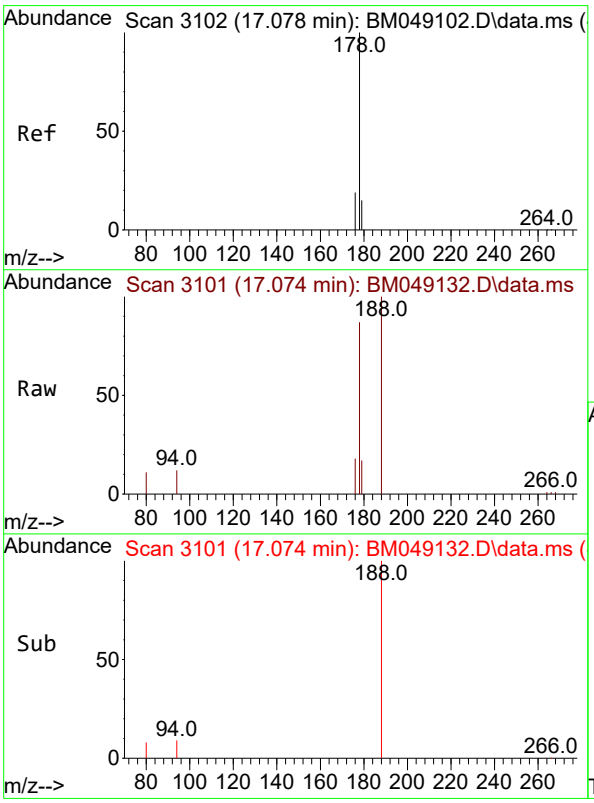
#15
Phenanthrene
Concen: 0.398 ng/ul
RT: 16.981 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:178 Resp: 37099

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	20.1	16.2	24.2

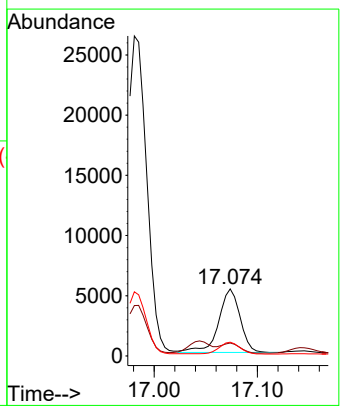


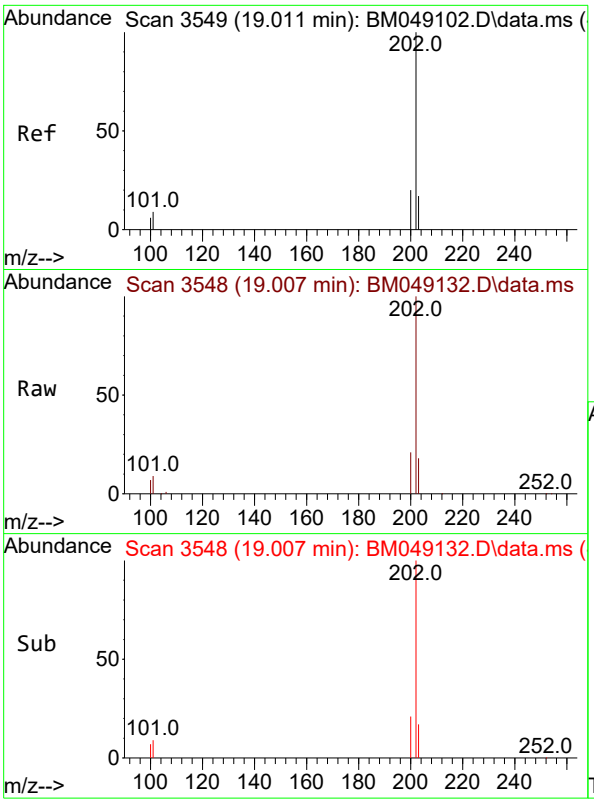


#16
Anthracene
Concen: 0.090 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:178 Resp: 7654

Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.9	19.3#
176	20.6	15.3	22.9



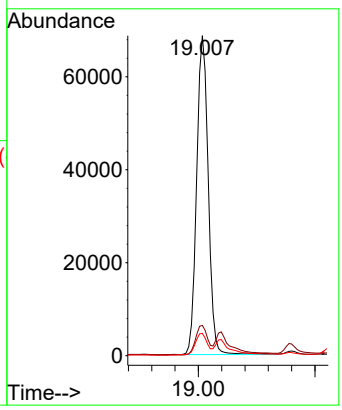


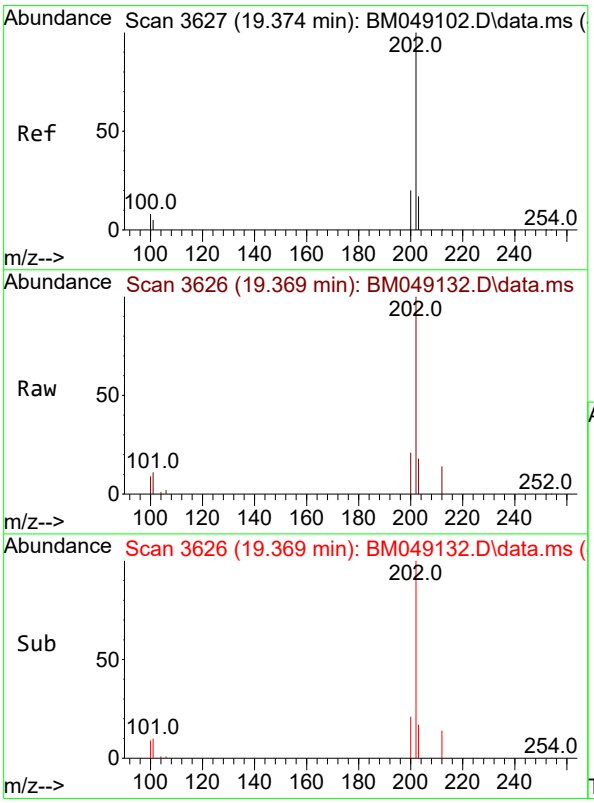
#19
Fluoranthene
Concen: 0.891 ng/ul
RT: 19.007 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:202 Resp: 94969

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.6	11.4
100	6.9	5.5	8.3

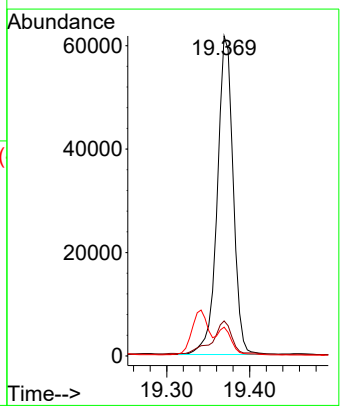


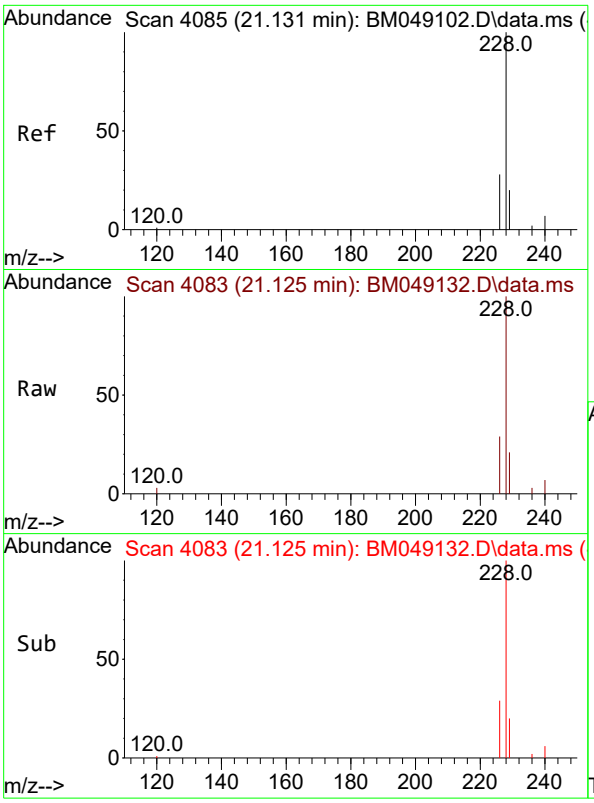


#20
Pyrene
Concen: 0.719 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.008 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:202 Resp: 81750

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	9.0	6.9	10.3



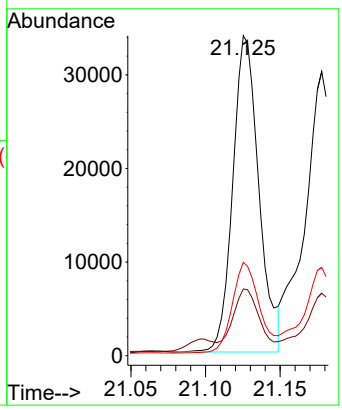


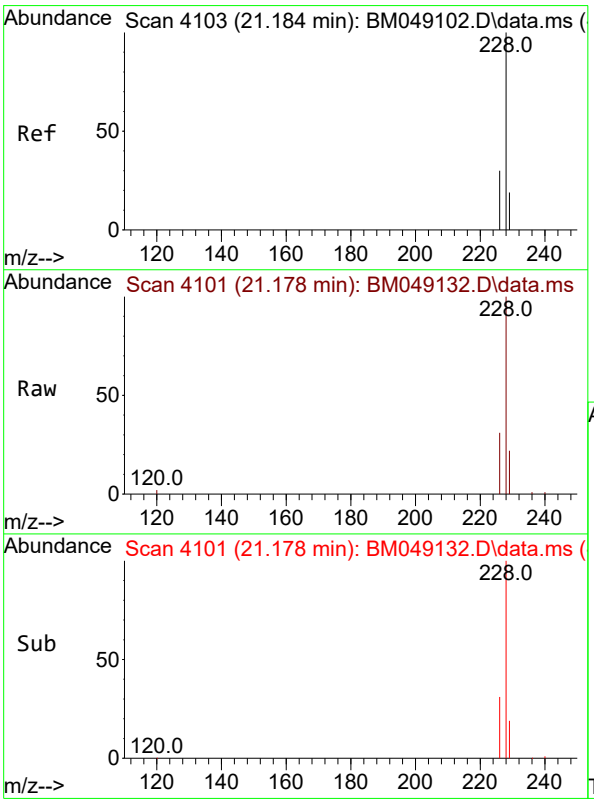
#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.125 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:228 Resp: 41099

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	29.2	22.6	34.0

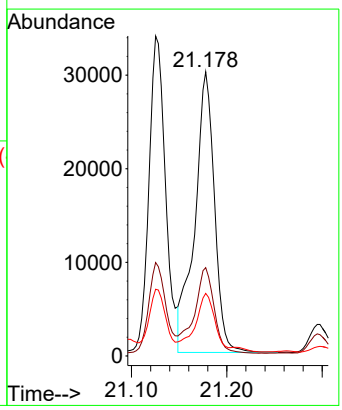


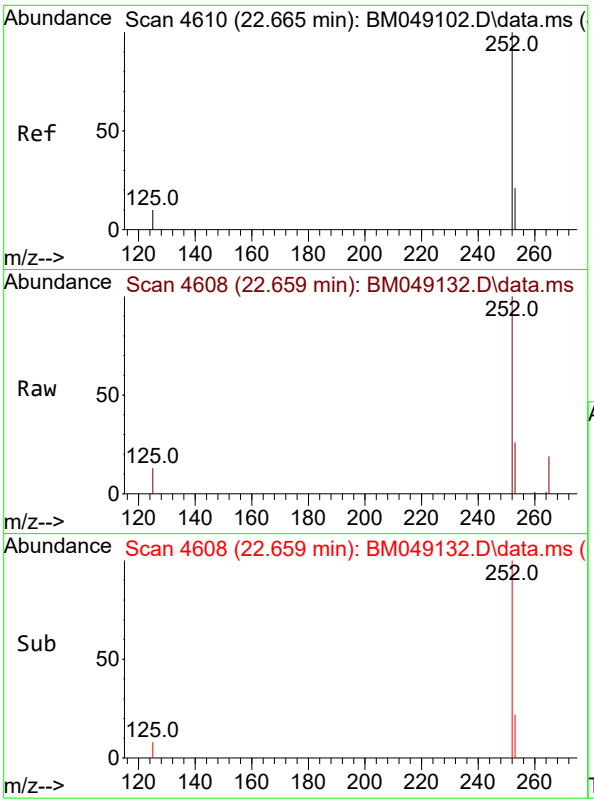


#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:228 Resp: 43046

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	22.0	15.8	23.8



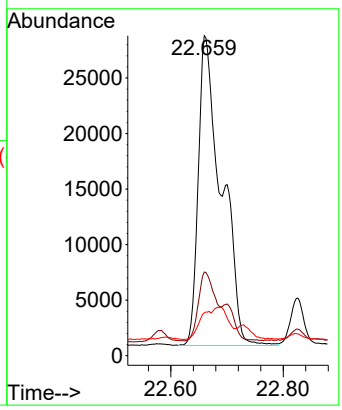


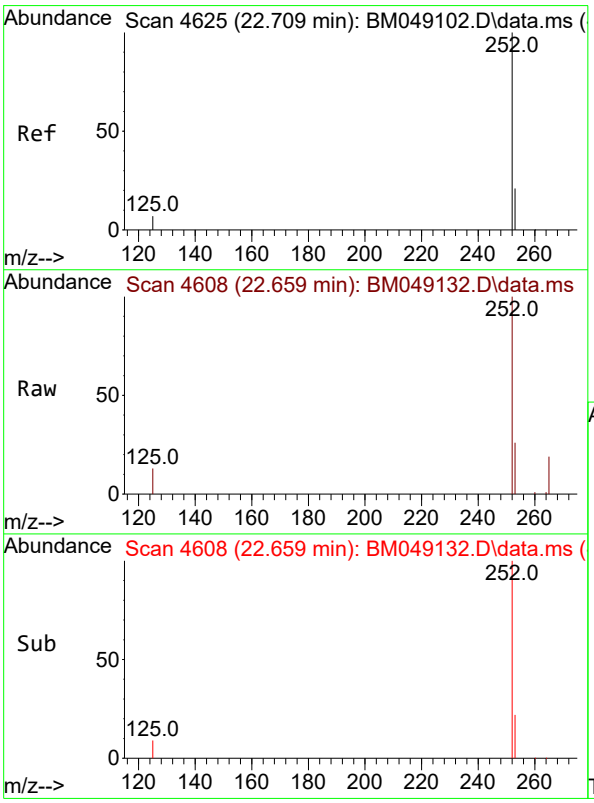
#24
Benzo(b)fluoranthene
Concen: 0.777 ng/ul
RT: 22.659 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:252 Resp: 79697

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	52.6
125	13.4	0.0	30.8

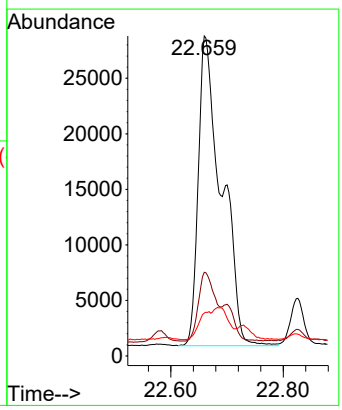


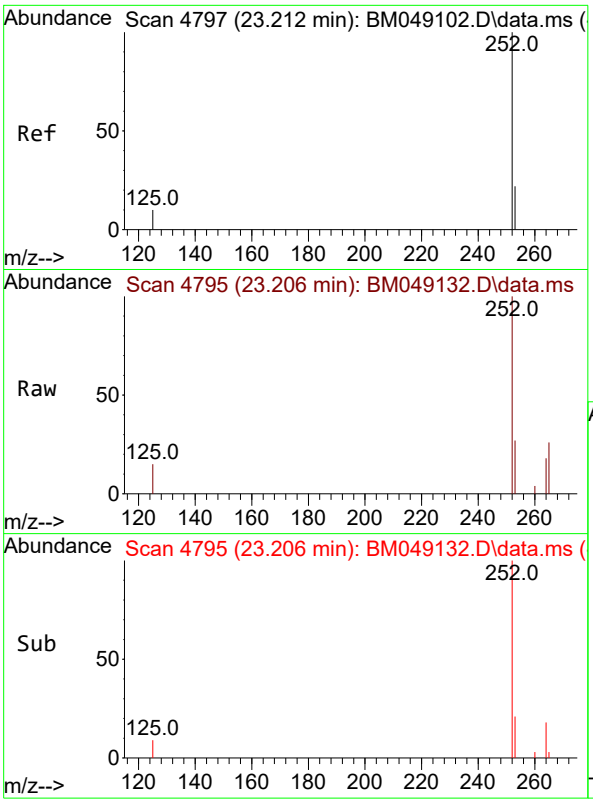


#25
Benzo(k)fluoranthene
Concen: 0.708 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:252 Resp: 79697

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.3	31.9
125	13.4	12.6	18.8



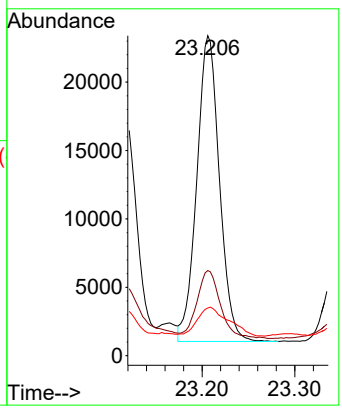


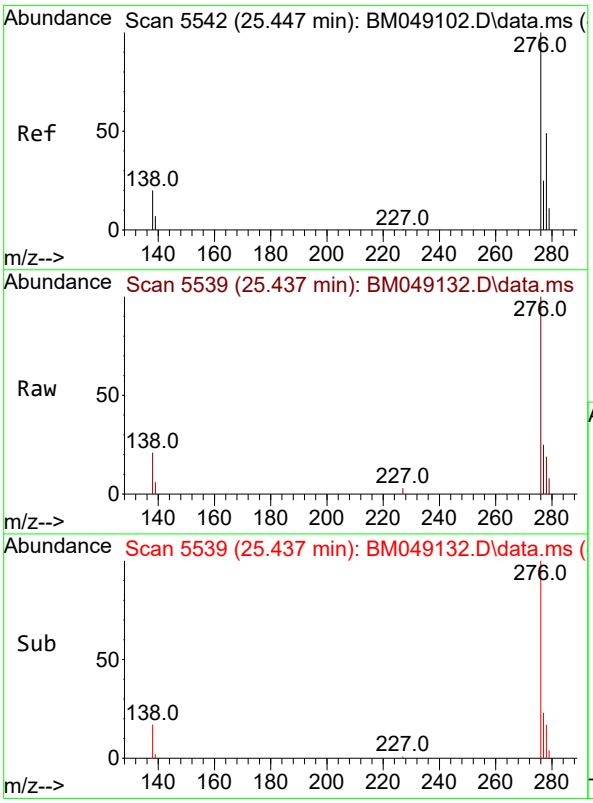
#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:252 Resp: 38025

Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.4	33.6
125	14.9	14.8	22.2

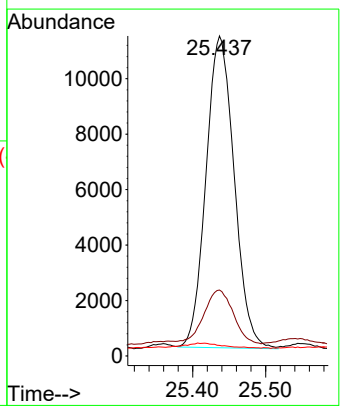


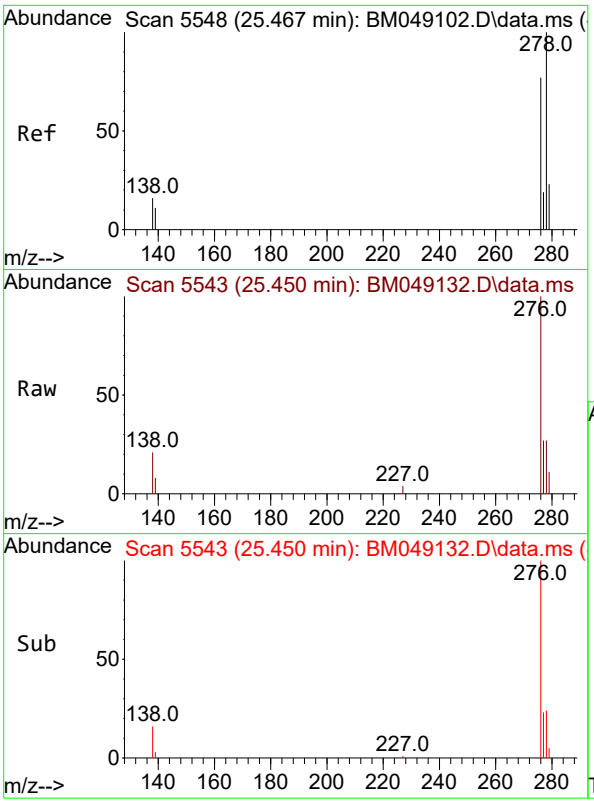


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:276 Resp: 30238

Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.4	26.2
227	0.0	0.2	0.2#



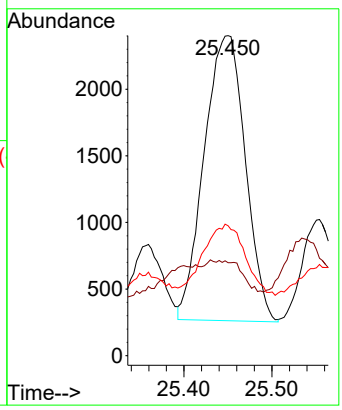


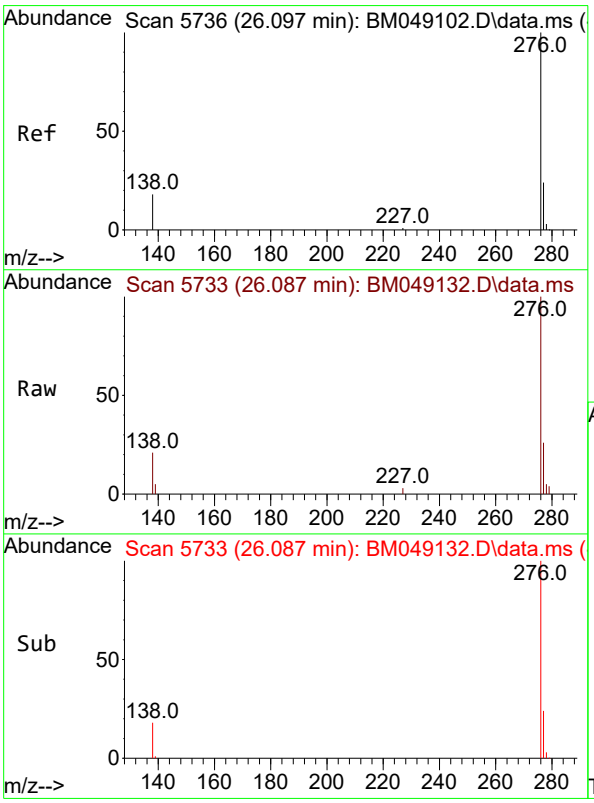
#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 25.450 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Instrument :
BNA_M
ClientSampleId :
E28Z0

Tgt Ion:278 Resp: 6943

Ion	Ratio	Lower	Upper
278	100		
139	29.1	13.5	20.3#
279	40.6	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 26.087 min Scan# 5733
Delta R.T. -0.007 min
Lab File: BM049132.D
Acq: 21 Dec 2024 10:50

Tgt Ion:276 Resp: 32407

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.7	25.1
277	25.8	19.9	29.9