Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049187.D
Acq On : 24 Dec 2024 16:31
Operator : RC/JU
Sample : P5302-04MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 21:41:16 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	7.552	152	6104	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	19345	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	11261	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.937	188	23598	0.400	ng/ul	-0.01
17) Chrysene-d12	21.137	240	21048	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	22537	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2918	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	7358	0.283	ng/ul	-0.02
18) Fluoranthene-d10	18.973	212	18476	0.309	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	8556	1.040	ng/ul#	81
5) Naphthalene	10.363	128	13365	0.276	ng/ul	99
7) 2-Methylnaphthalene	11.985	142	8849	0.288	ng/ul	100
8) 1-Methylnaphthalene	12.205	142	8882	0.283	ng/ul	100
10) Acenaphthylene	13.904	152	14049	0.301	ng/ul	100
11) Acenaphthene	14.251	153	9558	0.281	ng/ul	99
12) Fluorene	15.241	166	11069	0.288	ng/ul	99
14) Pentachlorophenol	16.599	266	181	0.028	ng/ul	99
15) Phenanthrene	16.979	178	21723	0.352	ng/ul	99
16) Anthracene	17.068	178	16850	0.298	ng/ul	99
19) Fluoranthene	19.001	202	36729	0.483	ng/ul	99
20) Pyrene	19.363	202	35999	0.444	ng/ul	100
21) Benzo(a)anthracene	21.123	228	26762	0.366	ng/ul	100
22) Chrysene	21.175	228	28927	0.368	ng/ul	98
24) Benzo(b)fluoranthene	22.654	252	30655	0.426	ng/ul	97
25) Benzo(k)fluoranthene	22.695	252	27824	0.352	ng/ul	99
26) Benzo(a)pyrene	23.201	252	25332	0.367	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.430	276	32143	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.444	278	21981	0.290	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	26960	0.343	ng/ul	99

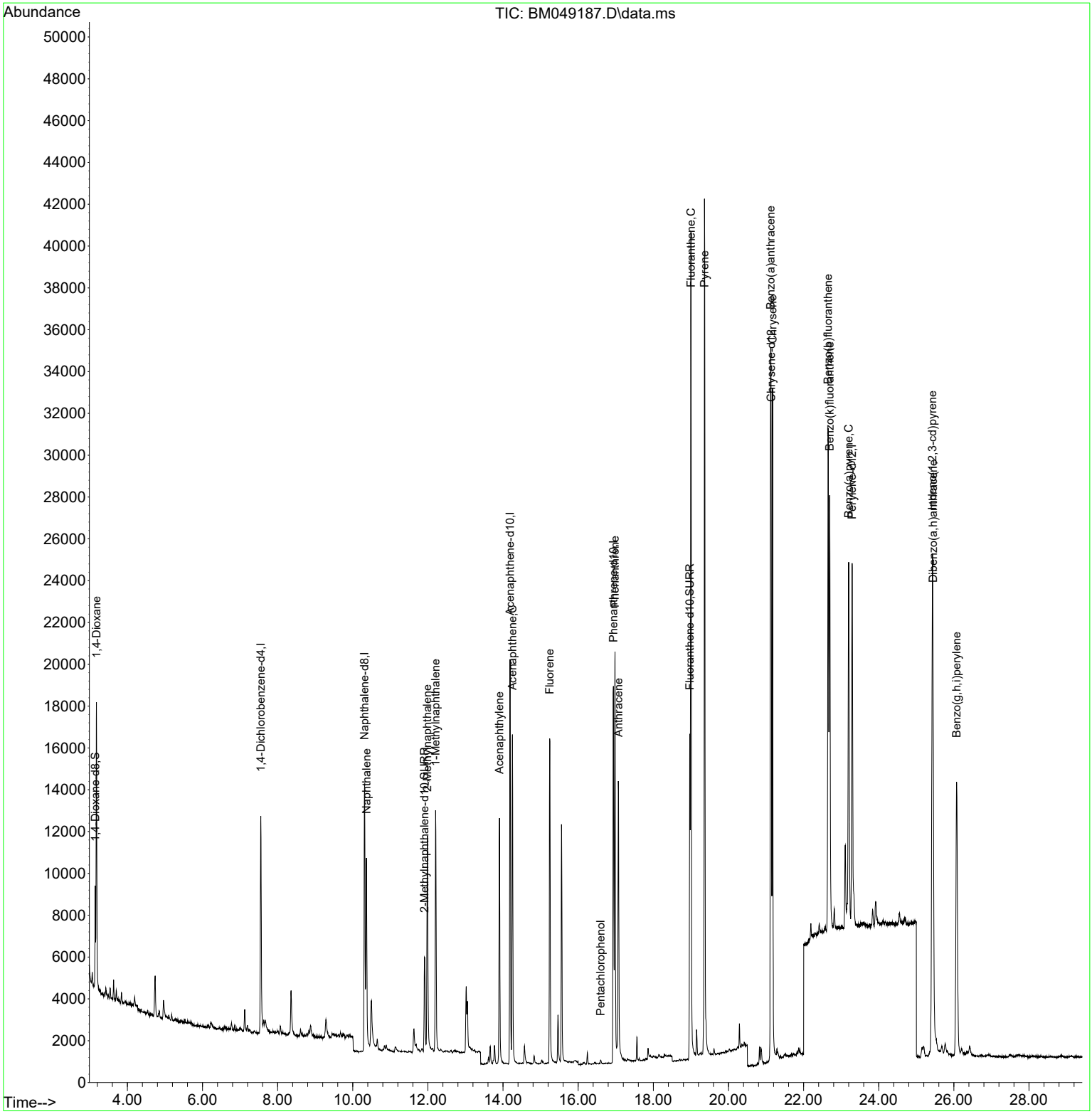
(#) = qualifier out of range (m) = manual integration (+) = signals summed

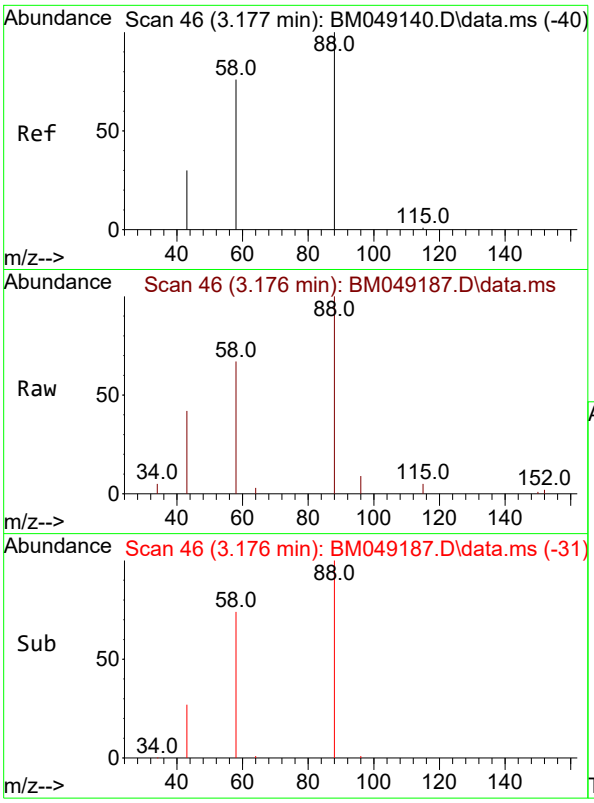
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049187.D
Acq On : 24 Dec 2024 16:31
Operator : RC/JU
Sample : P5302-04MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 21:41:16 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



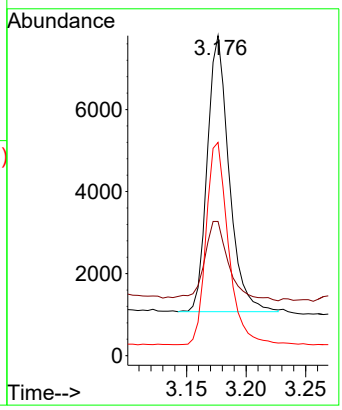


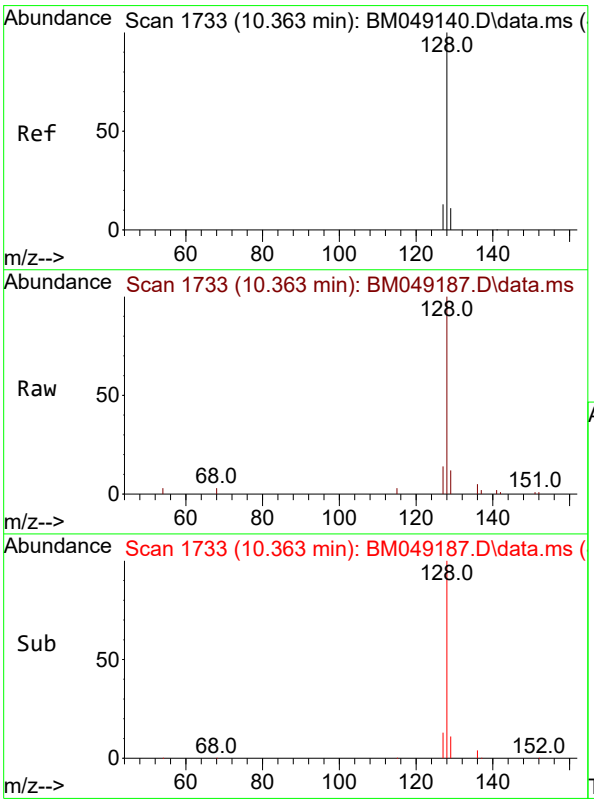
#2
1,4-Dioxane
Concen: 1.040 ng/ul
RT: 3.176 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 8556

Ion	Ratio	Lower	Upper
88	100		
43	42.0	45.4	68.2#
58	66.7	43.6	65.4#

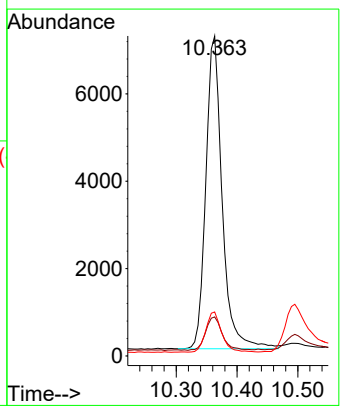


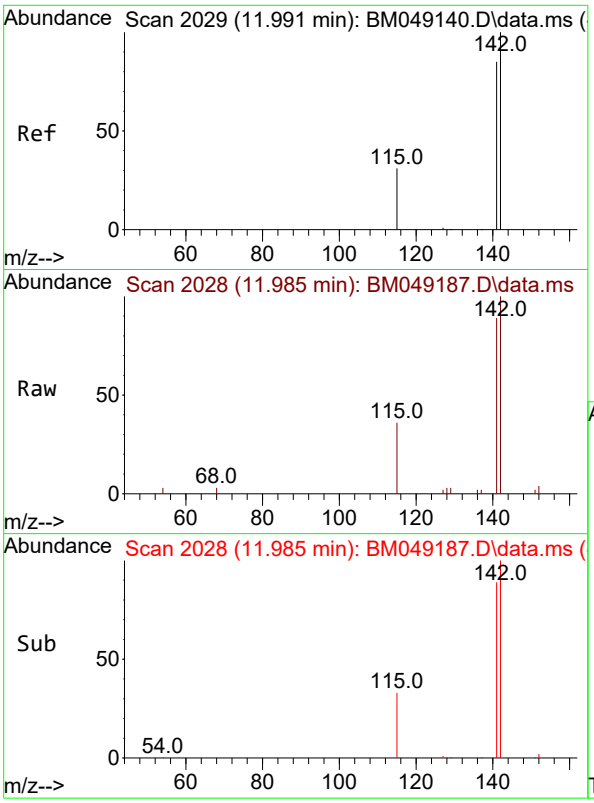


#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. -0.017 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:128 Resp: 13365

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	13.8	10.6	16.0



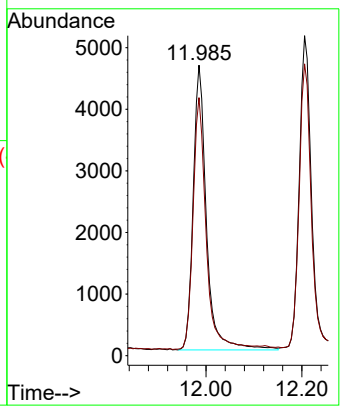


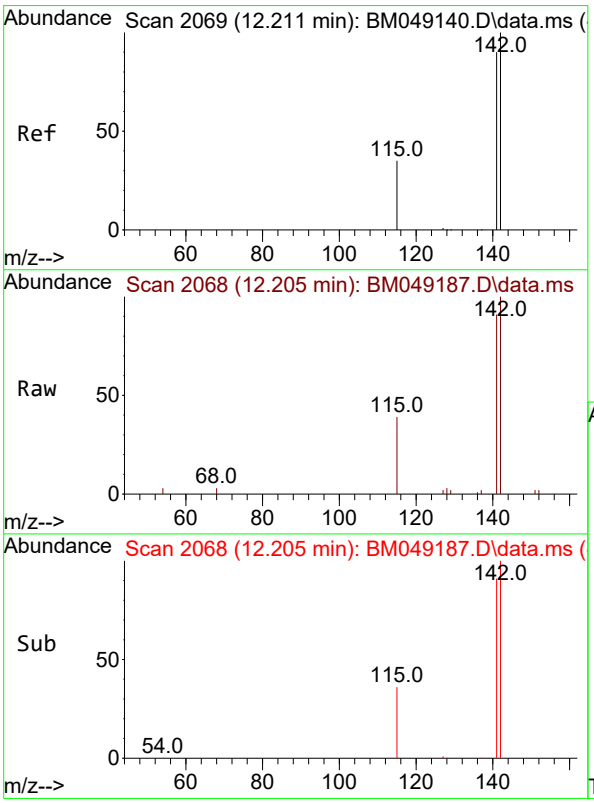
#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 11.985 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 8849

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5

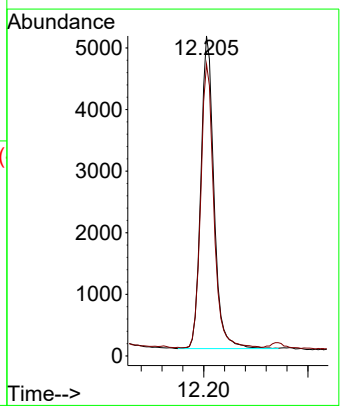


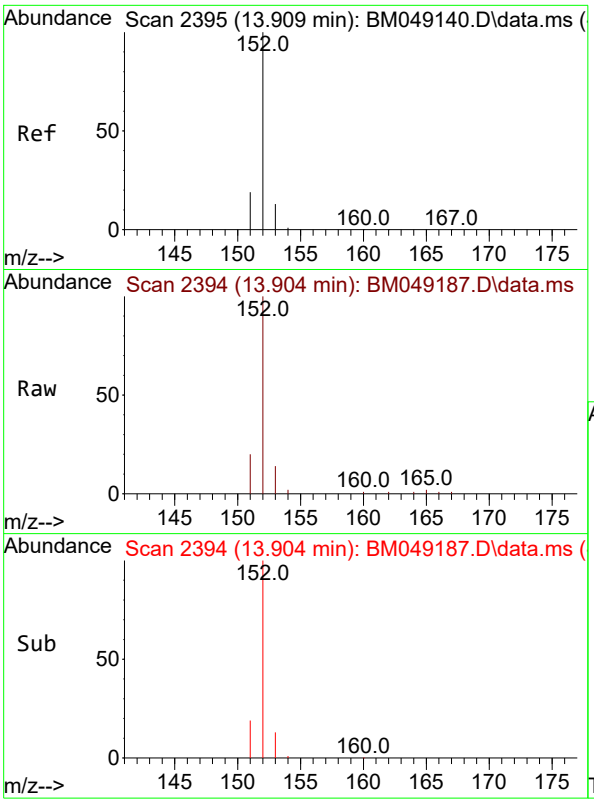


#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:142 Resp: 8882

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1



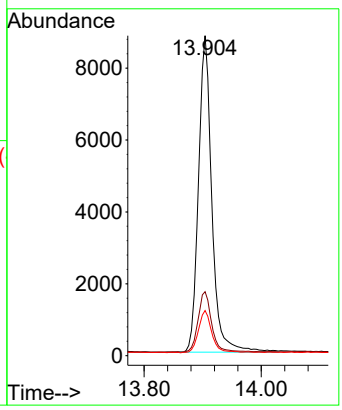


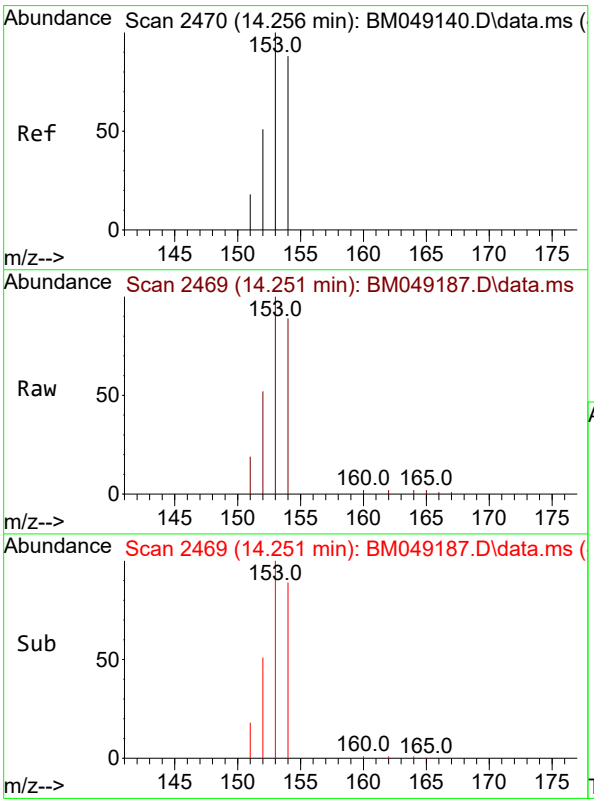
#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 13.904 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 14049

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	14.1	11.0	16.6

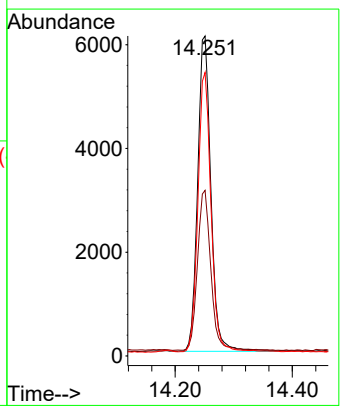


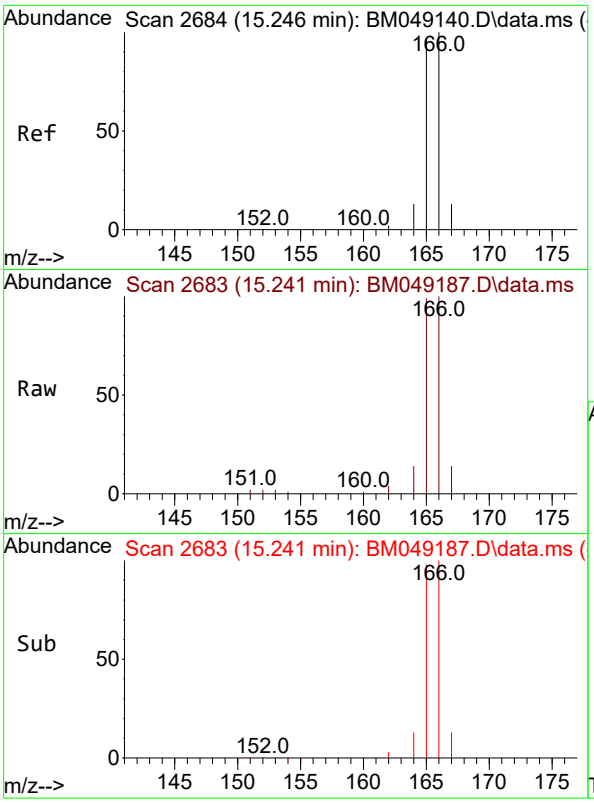


#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. -0.014 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:153 Resp: 9558

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.7	61.1
154	88.6	70.8	106.2



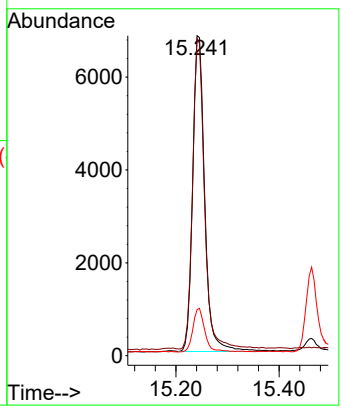


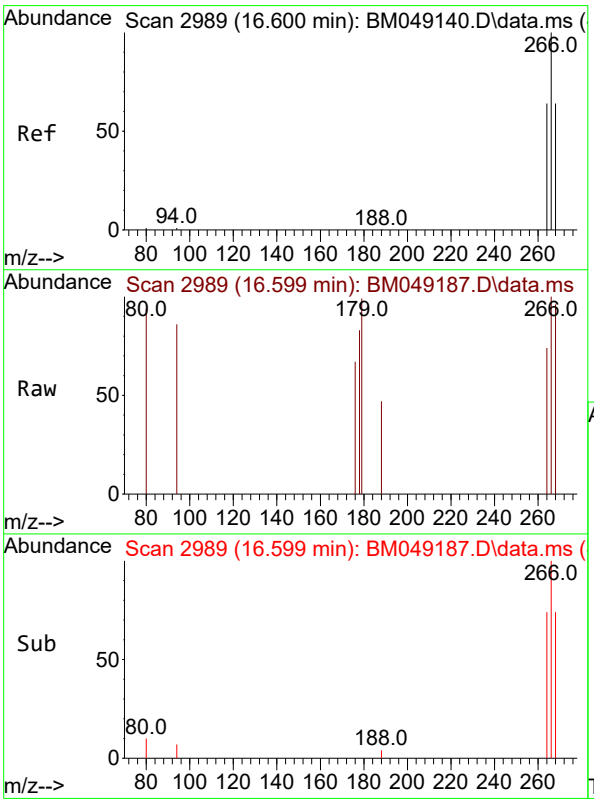
#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.241 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 11069

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.7	119.5
167	14.4	11.4	17.0

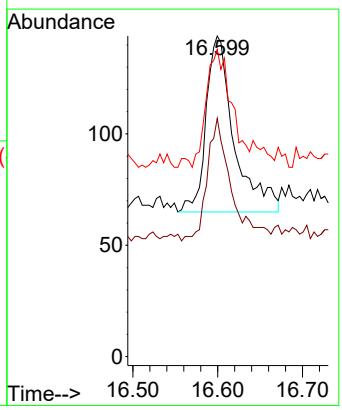


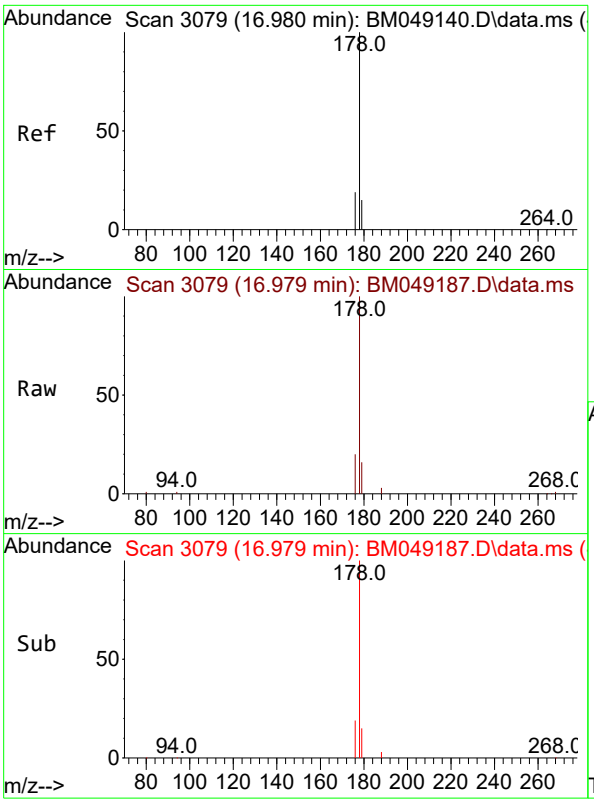


#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.599 min Scan# 2989
Delta R.T. -0.008 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:266 Resp: 181

Ion	Ratio	Lower	Upper
266	100		
264	59.7	48.3	72.5
268	60.2	47.5	71.3



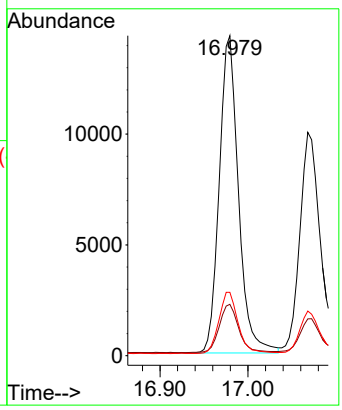


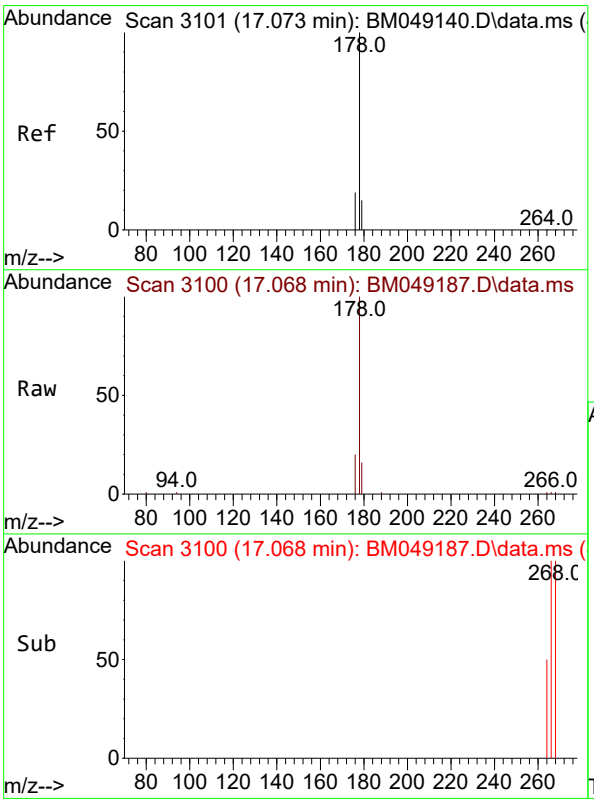
#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 16.979 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 21723

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	19.8	16.2	24.2

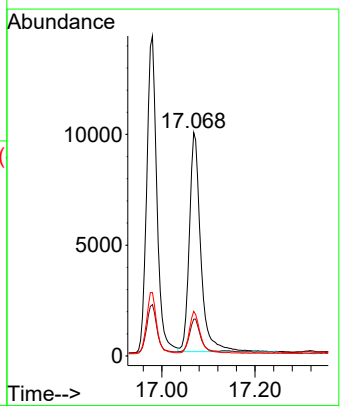


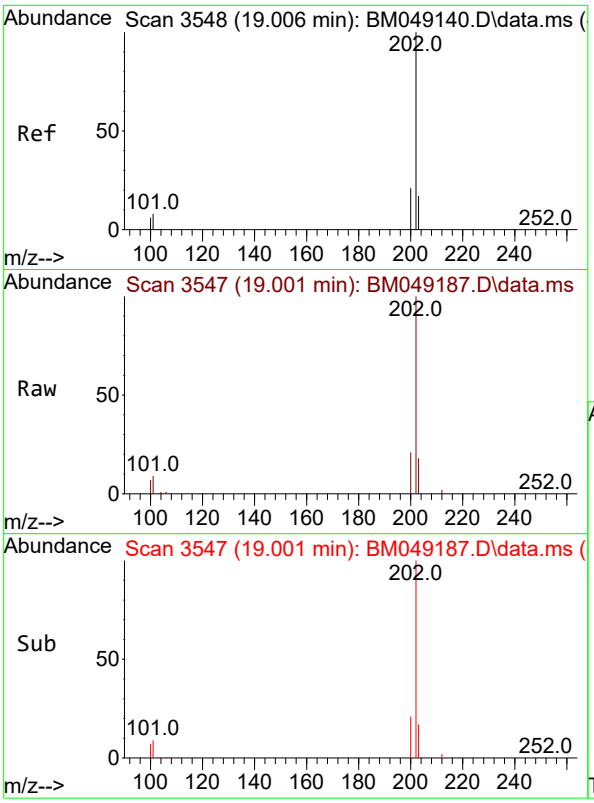


#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.068 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:178 Resp: 16850

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	20.0	15.3	22.9



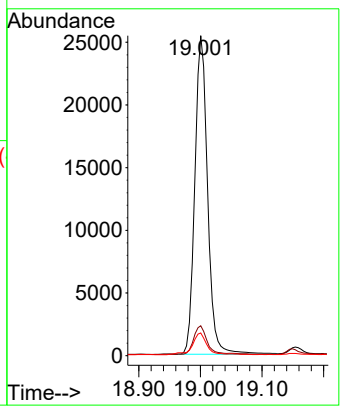


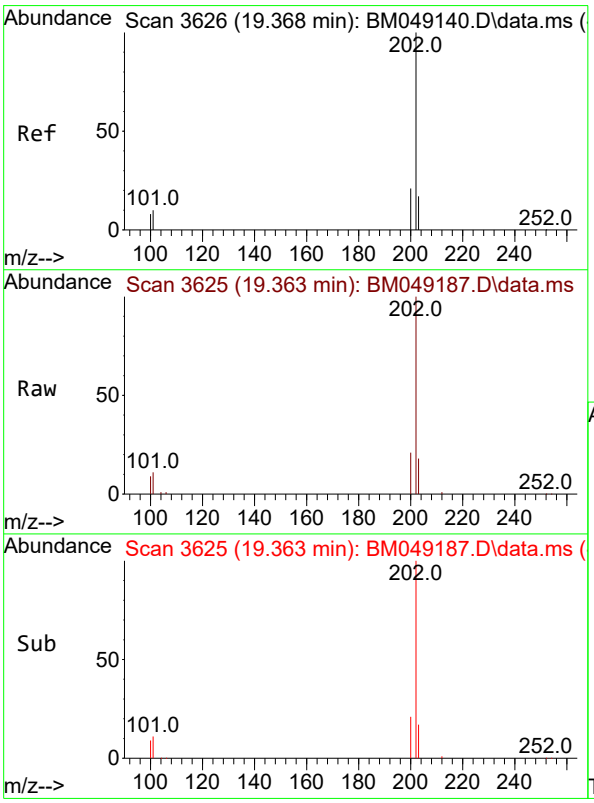
#19
Fluoranthene
Concen: 0.483 ng/ul
RT: 19.001 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 36729

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.6	11.4
100	7.1	5.5	8.3

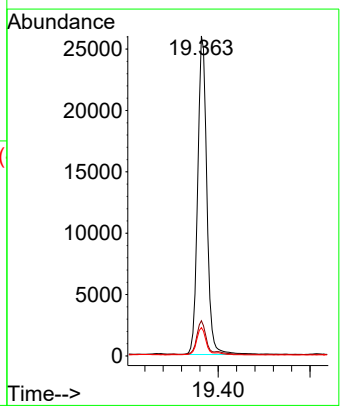


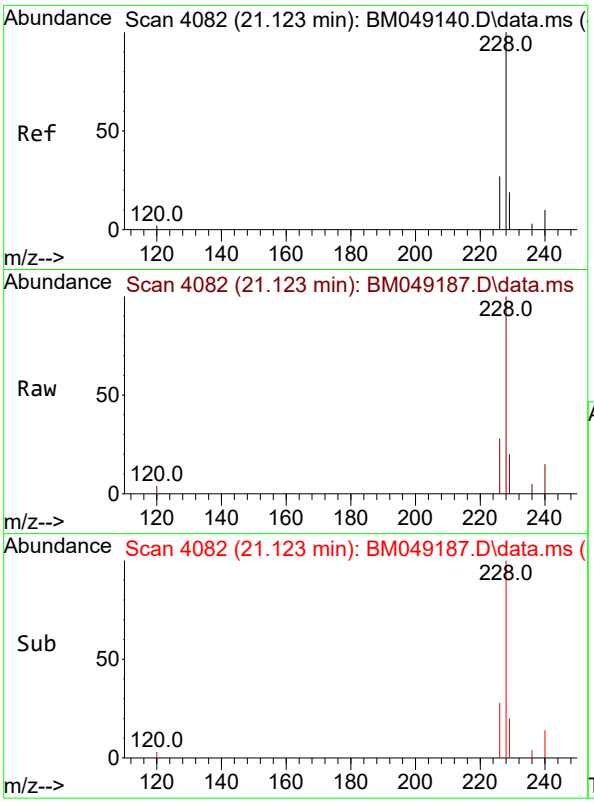


#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:202 Resp: 35999

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.8	6.9	10.3



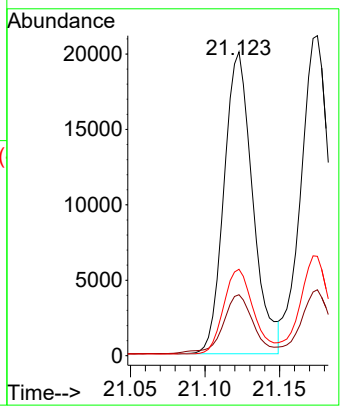


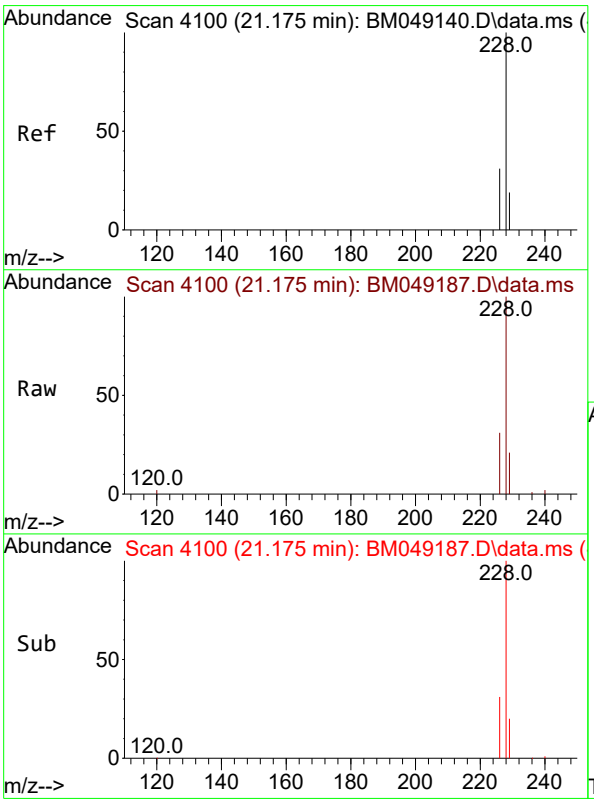
#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.123 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 26762

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	28.5	22.6	34.0

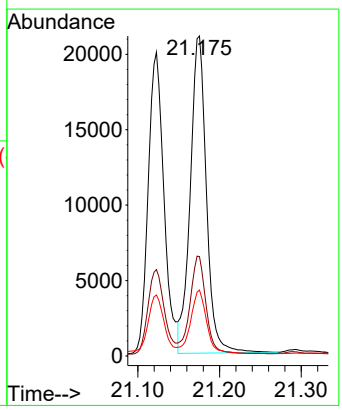


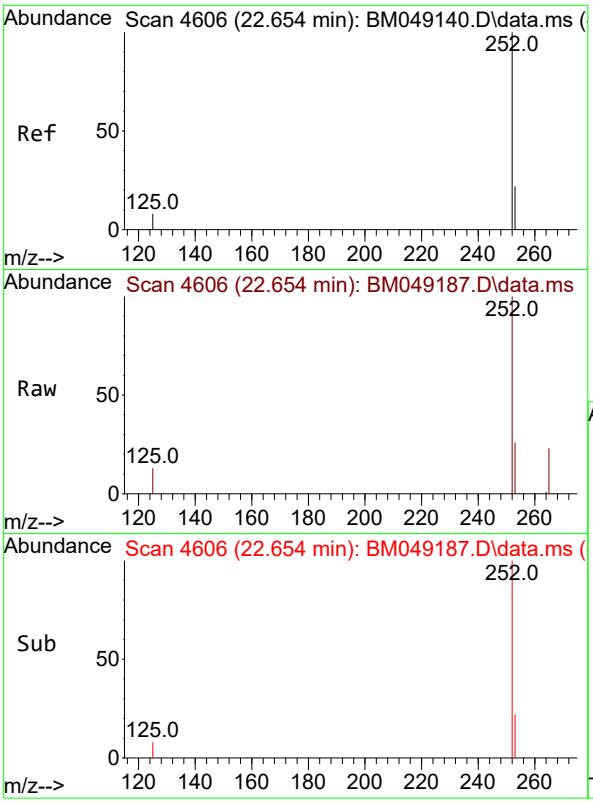


#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:228 Resp: 28927

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	20.6	15.8	23.8



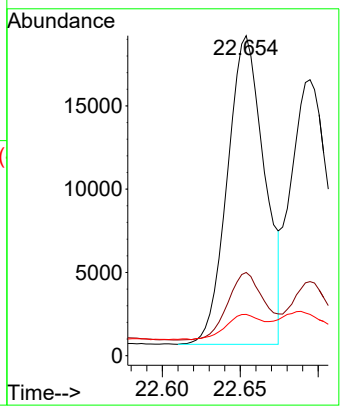


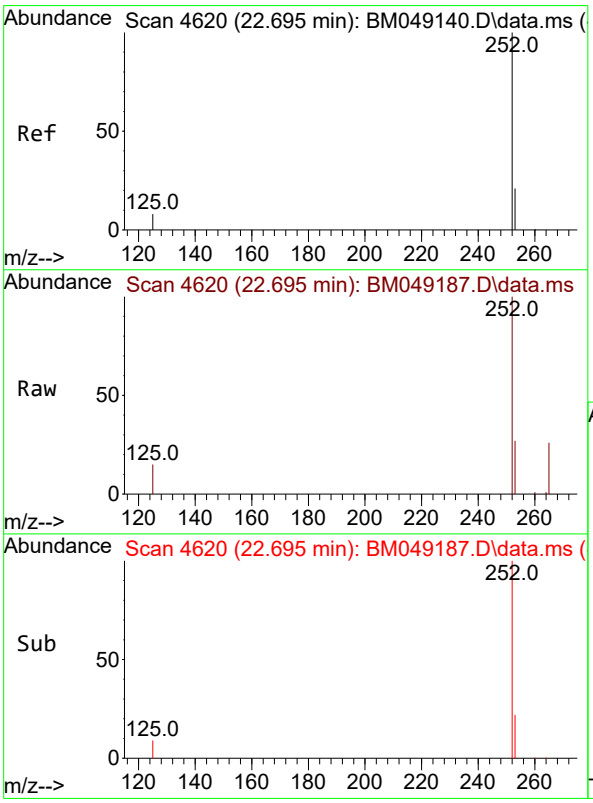
#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 22.654 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 30655

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	52.6
125	12.9	0.0	30.8

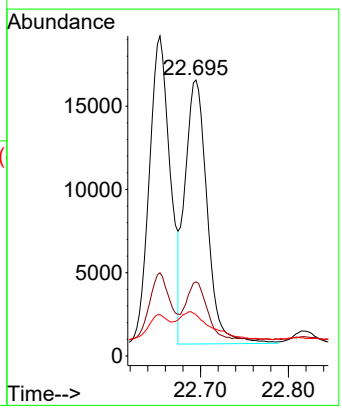


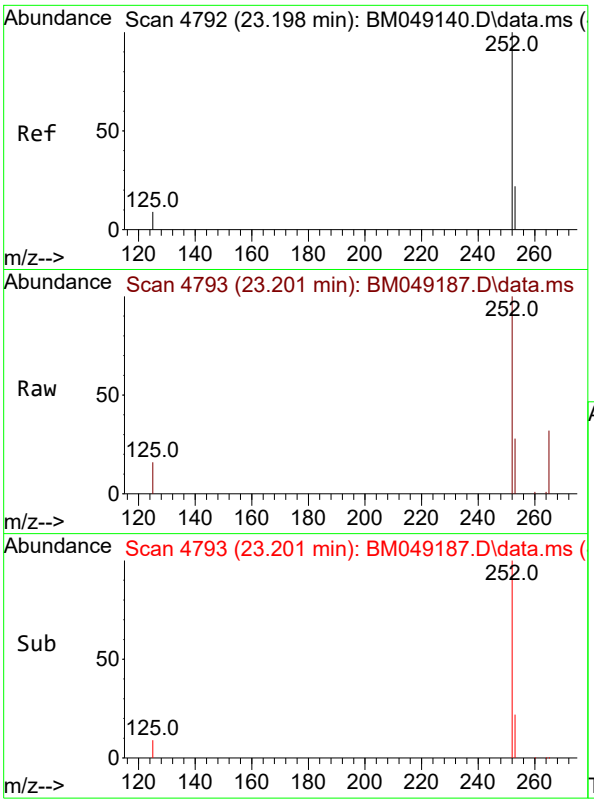


#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 22.695 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:252 Resp: 27824

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.3	31.9
125	15.0	12.6	18.8



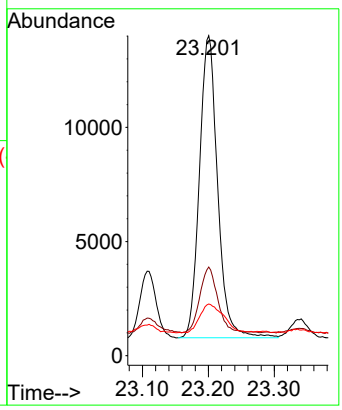


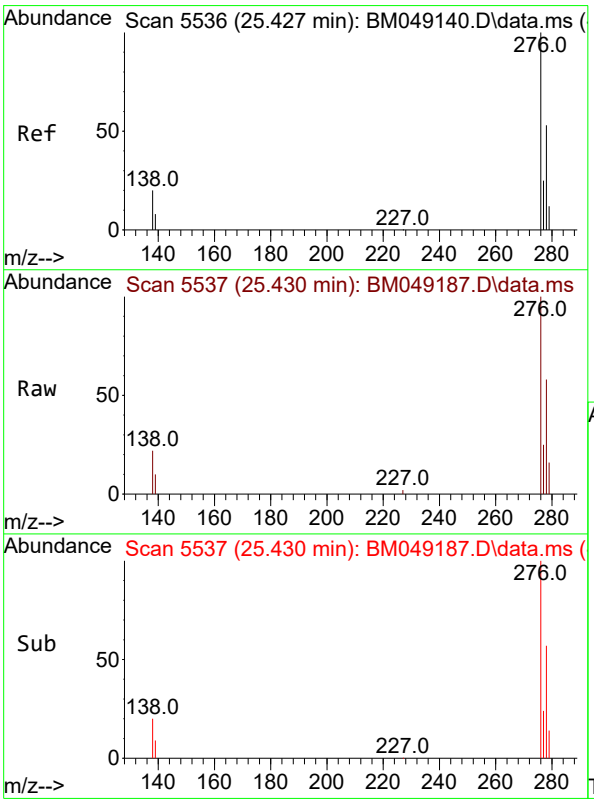
#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.201 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 25332

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.4	33.6
125	16.2	14.8	22.2

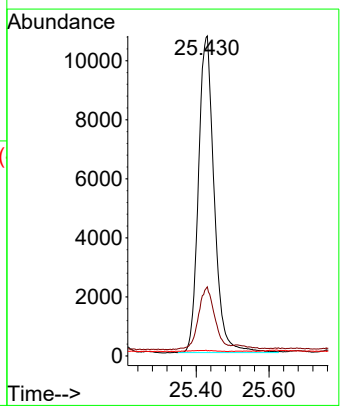


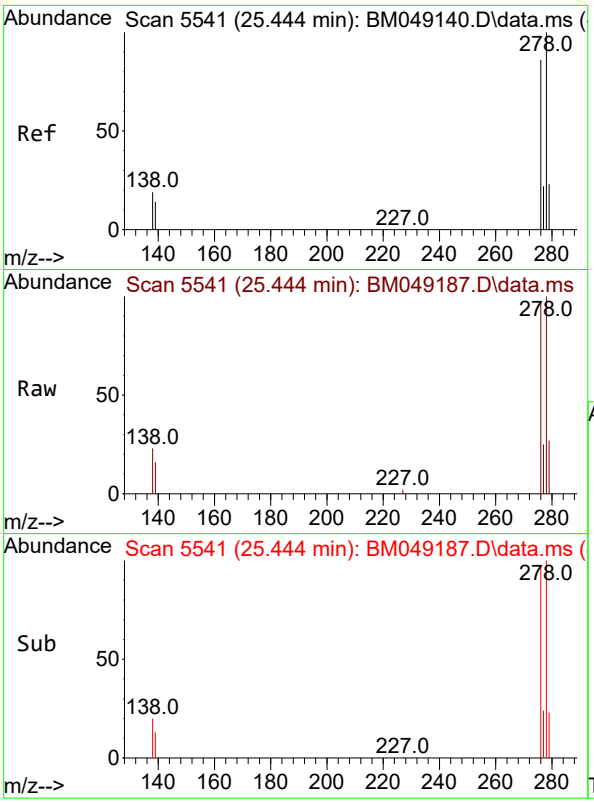


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:276 Resp: 32143

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.4	26.2
227	0.0	0.2	0.2#



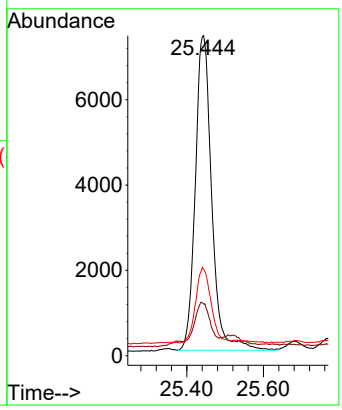


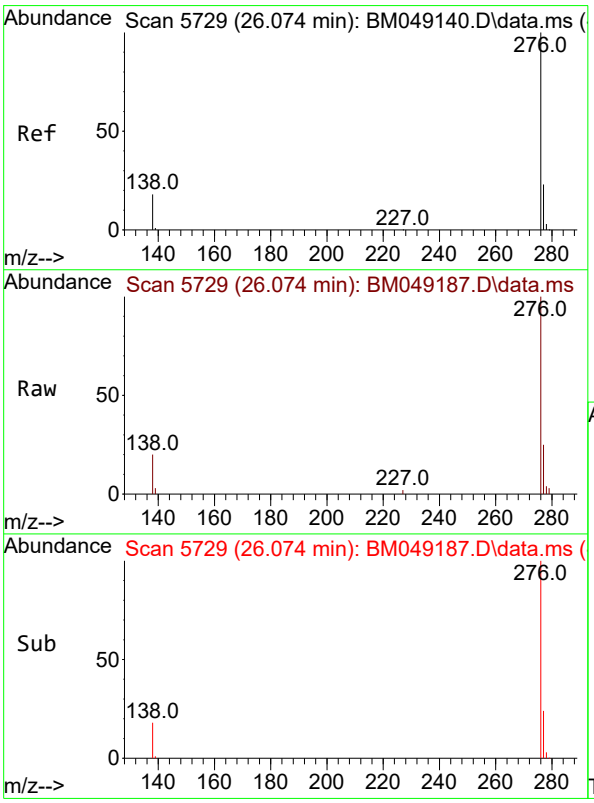
#28
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 25.444 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 21981

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.5	20.3
279	27.0	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049187.D
Acq: 24 Dec 2024 16:31

Tgt Ion:276 Resp: 26960

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.7	25.1
277	24.8	19.9	29.9