Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048500.D
Acq On : 07 Nov 2024 05:37
Operator : RC/JU
Sample : P4634-19MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Quant Time: Nov 07 06:09:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	3916	0.400	ng/ul	0.00
4) Naphthalene-d8	10.464	136	13366	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.322	164	7382	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.074	188	13946	0.400	ng/ul	0.00
17) Chrysene-d12	21.251	240	12812	0.400	ng/ul	-0.01
23) Perylene-d12	23.475	264	13877	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2702	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.064	152	5858	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	12320	0.343	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	6970	1.283	ng/ul#	70
5) Naphthalene	10.519	128	10886	0.325	ng/ul	100
7) 2-Methylnaphthalene	12.141	142	6516	0.309	ng/ul	97
8) 1-Methylnaphthalene	12.355	142	6773	0.314	ng/ul	99
10) Acenaphthylene	14.044	152	9158	0.327	ng/ul	100
11) Acenaphthene	14.386	153	7067	0.315	ng/ul	99
12) Fluorene	15.376	166	7784	0.319	ng/ul	99
14) Pentachlorophenol	16.744	266	426	0.083	ng/ul	96
15) Phenanthrene	17.112	178	12116	0.331	ng/ul	100
16) Anthracene	17.209	178	11001	0.323	ng/ul	99
19) Fluoranthene	19.128	202	15314	0.323	ng/ul	98
20) Pyrene	19.495	202	16703	0.324	ng/ul	98
21) Benzo(a)anthracene	21.236	228	14367	0.342	ng/ul	98
22) Chrysene	21.286	228	16634	0.331	ng/ul	99
24) Benzo(b)fluoranthene	22.805	252	14784	0.342	ng/ul	98
25) Benzo(k)fluoranthene	22.852	252	16891	0.333	ng/ul	96
26) Benzo(a)pyrene	23.379	252	13996	0.332	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.725	276	19561	0.332	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.732	278	15038	0.328	ng/ul#	94
29) Benzo(g,h,i)perylene	26.413	276	15879	0.321	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
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Sample : P4634-19MSD
Misc :
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Instrument :
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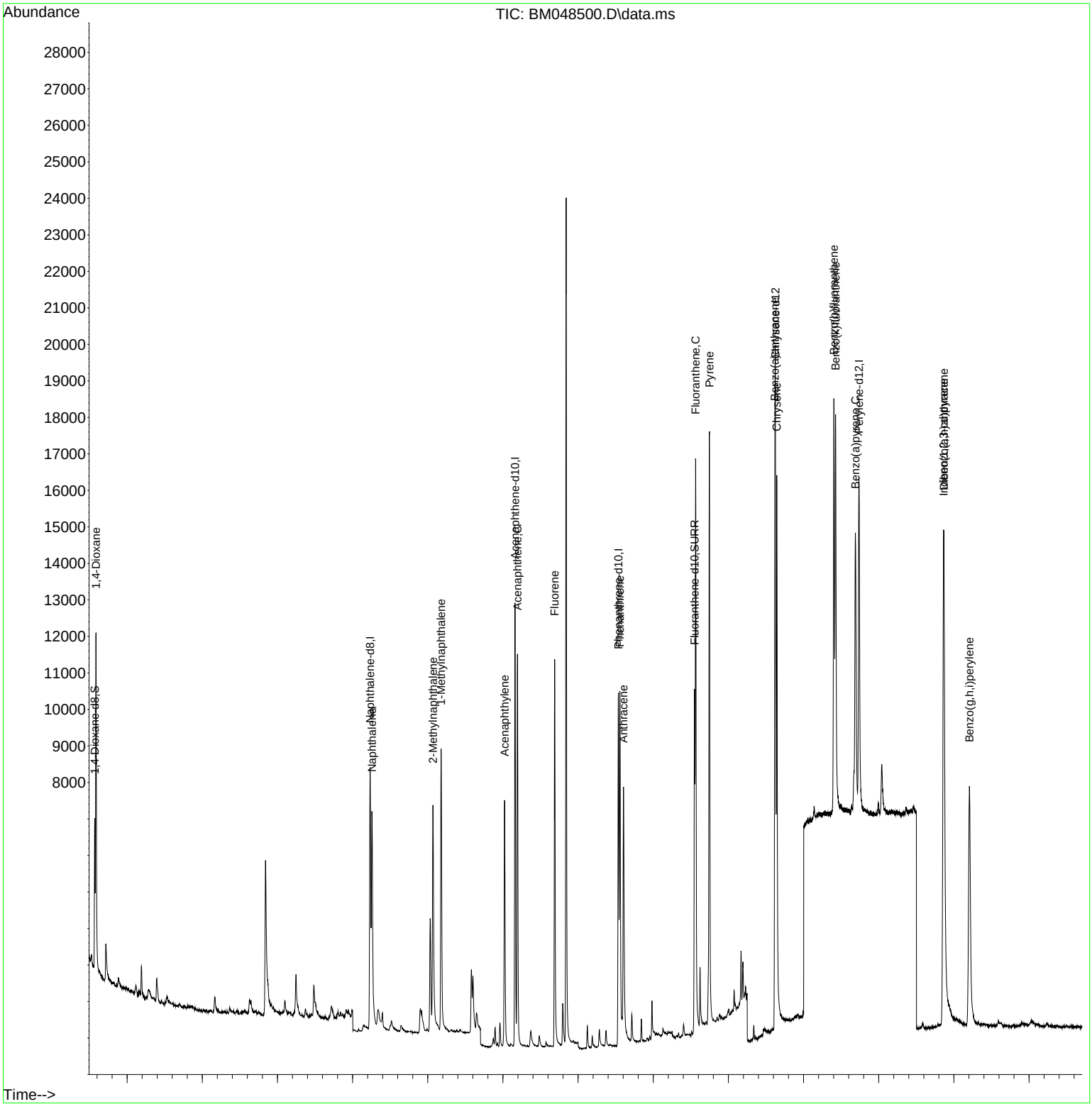
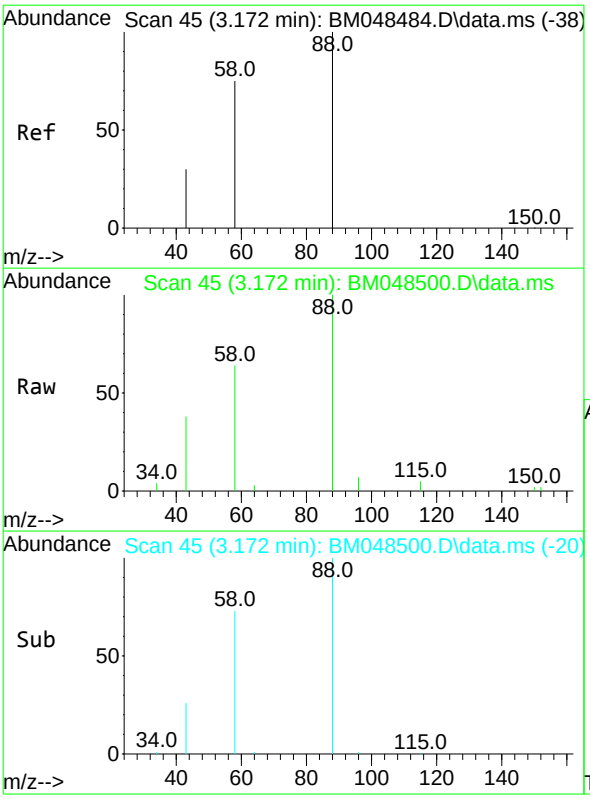
Quant Time: Nov 07 06:09:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration



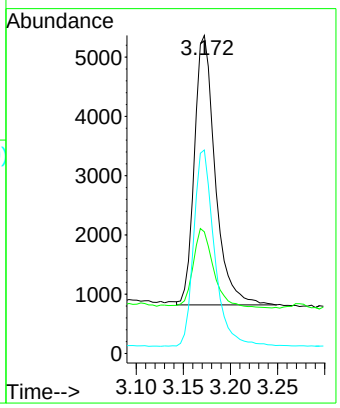


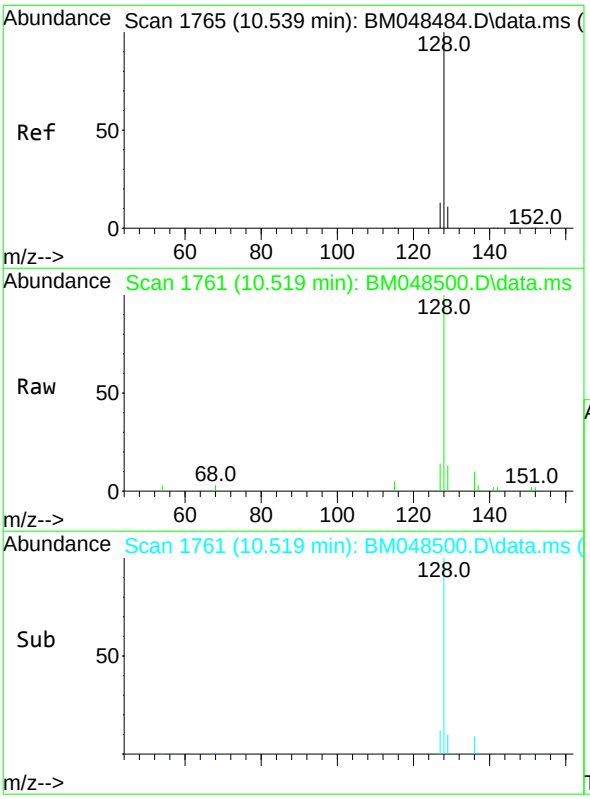
#2
1,4-Dioxane
Concen: 1.283 ng/ul
RT: 3.172 min Scan# 45
Delta R.T. 0.004 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion: 88 Resp: 6970

Ion	Ratio	Lower	Upper
88	100		
43	38.2	60.2	90.4#
58	64.0	44.2	66.2

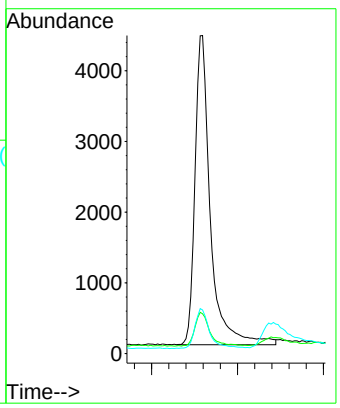


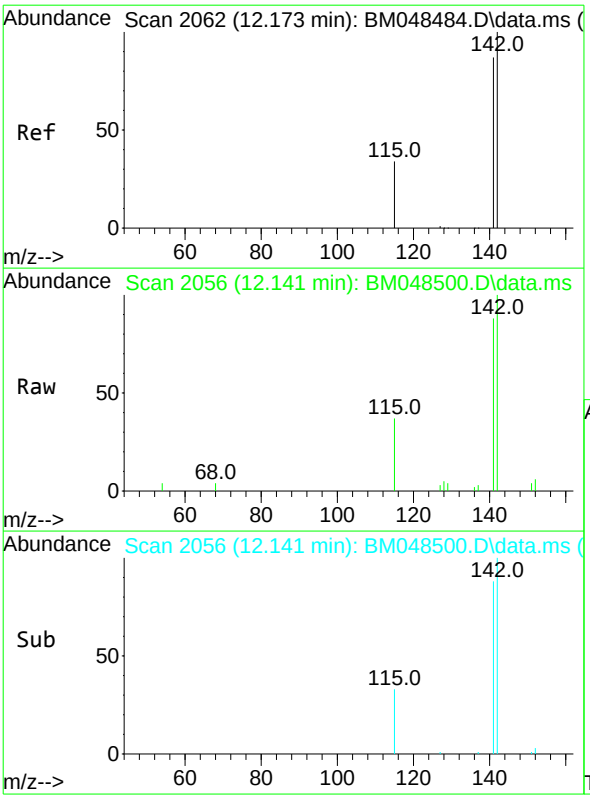


#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.519 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:128 Resp: 10886

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	13.7	10.9	16.3



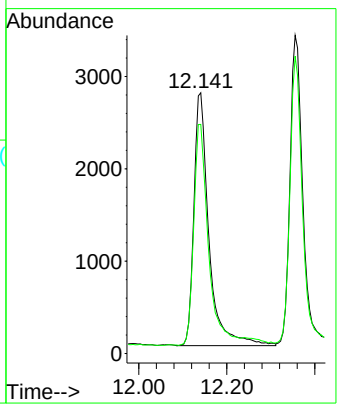


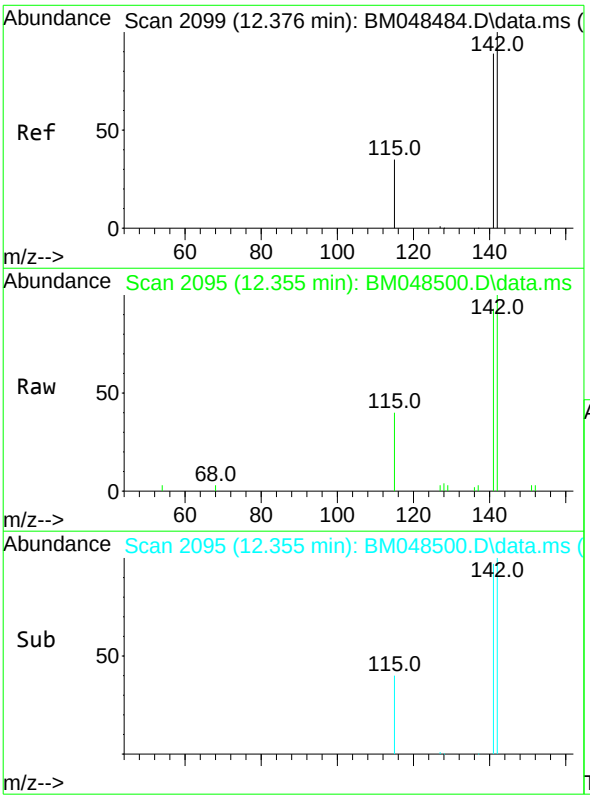
#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.141 min Scan# 20
Delta R.T. -0.010 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:142 Resp: 6516

Ion	Ratio	Lower	Upper
142	100		
141	88.8	68.6	103.0

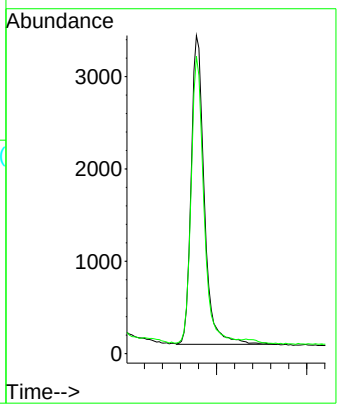


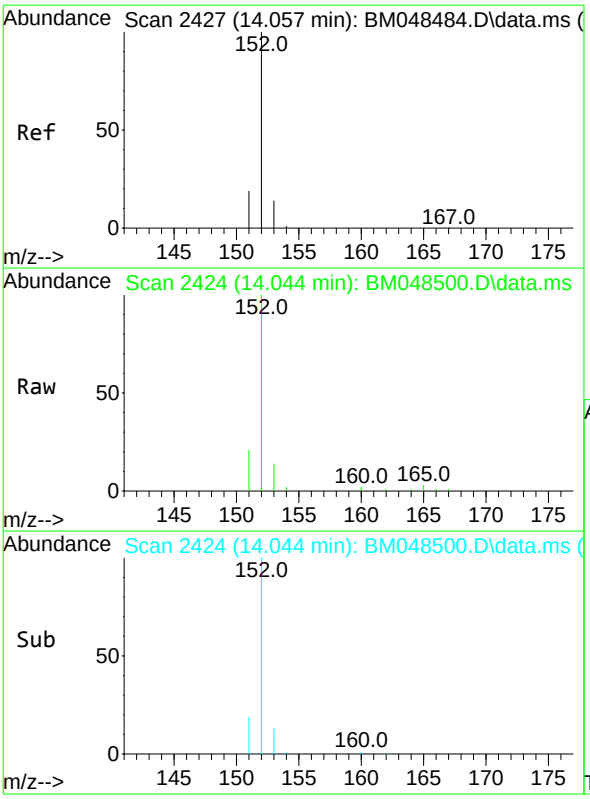


#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.355 min Scan# 2095
Delta R.T. -0.010 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:142 Resp: 6773

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.8	109.2



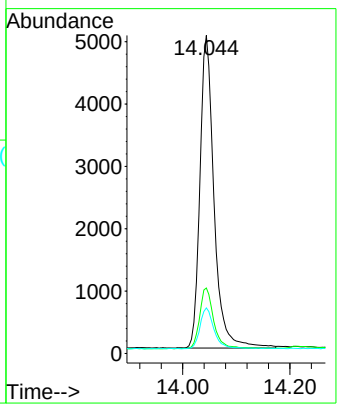


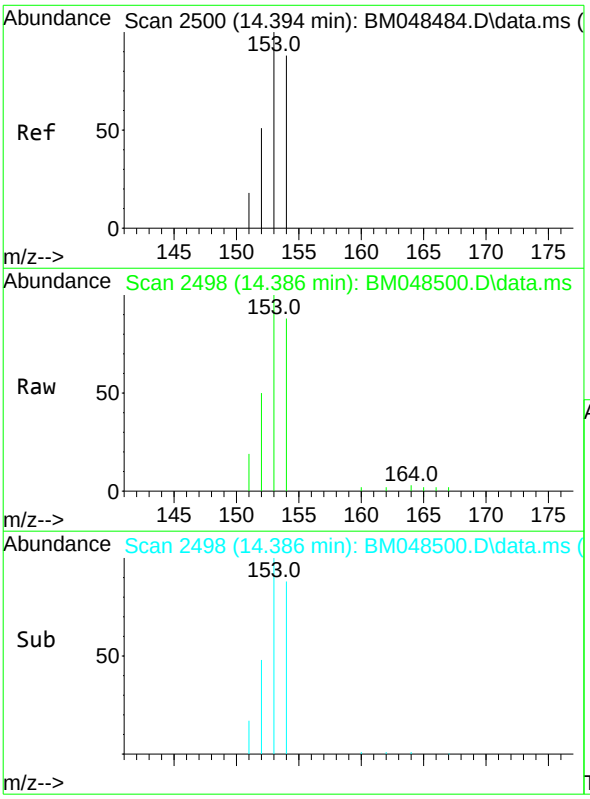
#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 14.044 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:152 Resp: 9158

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	14.3	11.6	17.4

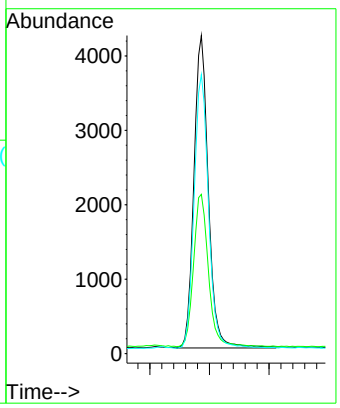


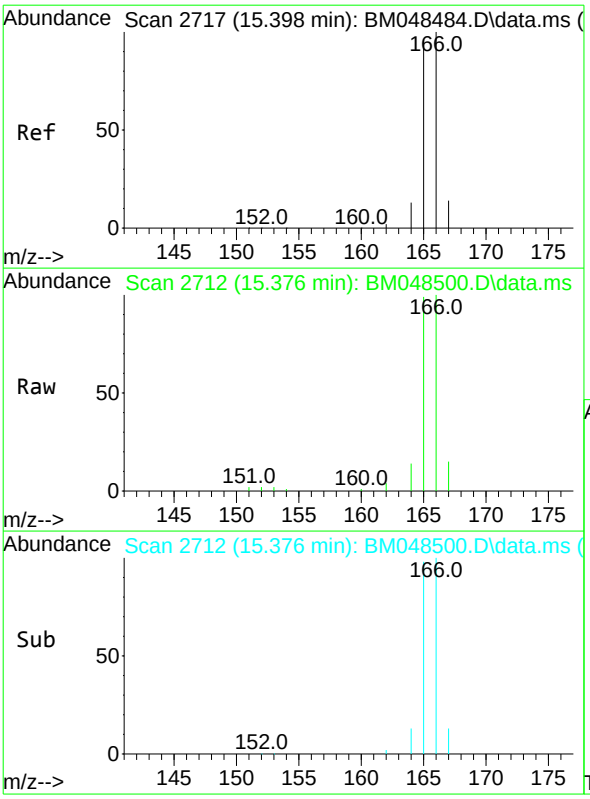


#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.386 min Scan# 2498
Delta R.T. -0.003 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:153 Resp: 7067

Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.1	61.7
154	87.7	70.3	105.5



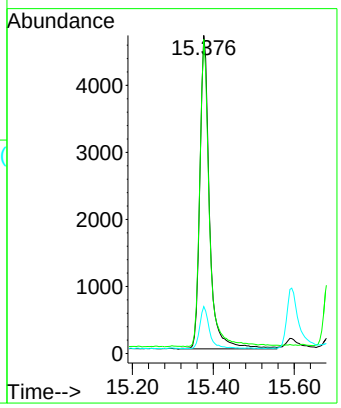


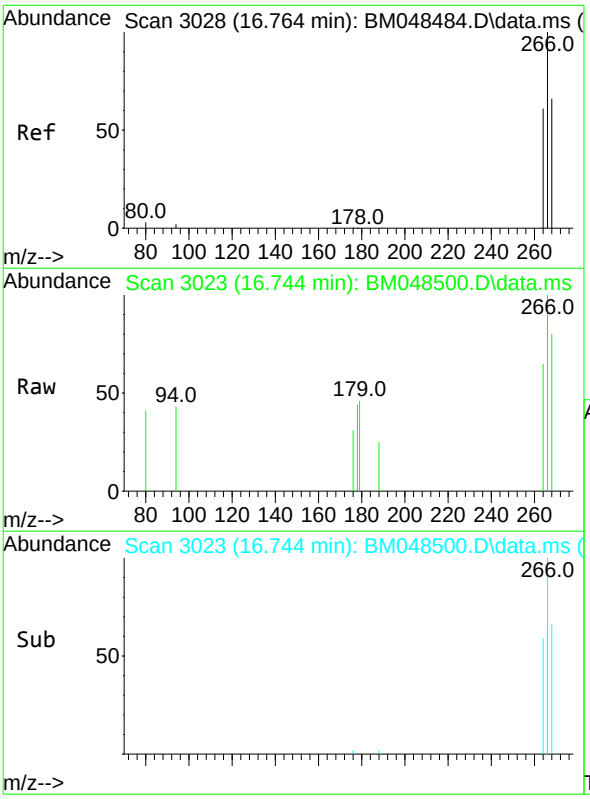
#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.376 min Scan# 27
Delta R.T. -0.008 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:166 Resp: 7784

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	14.8	12.6	18.8

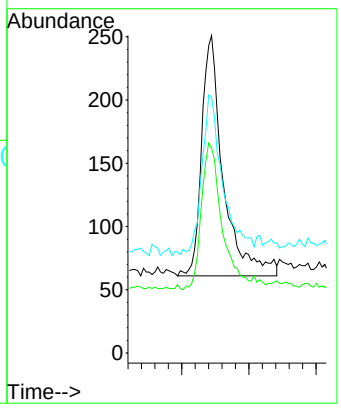


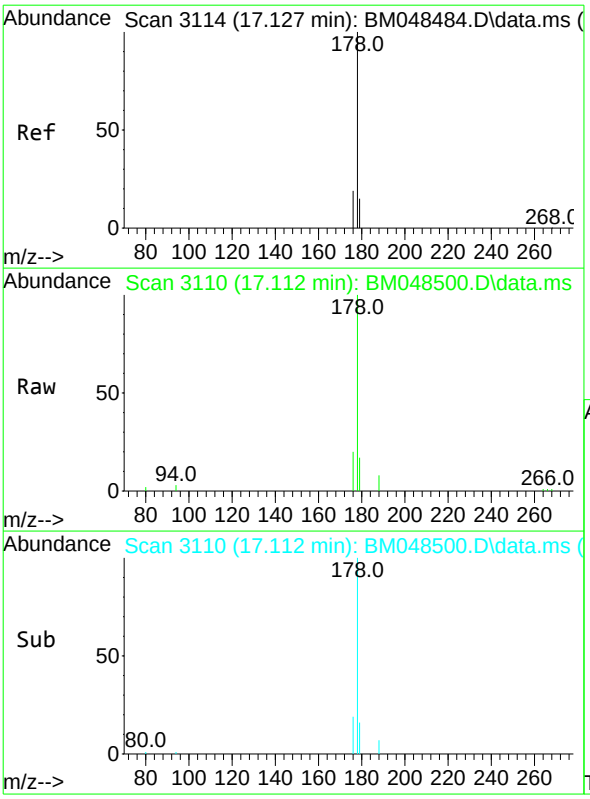


#14
Pentachlorophenol
Concen: 0.083 ng/ul
RT: 16.744 min Scan# 3023
Delta R.T. -0.003 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:266 Resp: 426

Ion	Ratio	Lower	Upper
266	100		
264	58.0	49.6	74.4
268	64.1	49.4	74.0



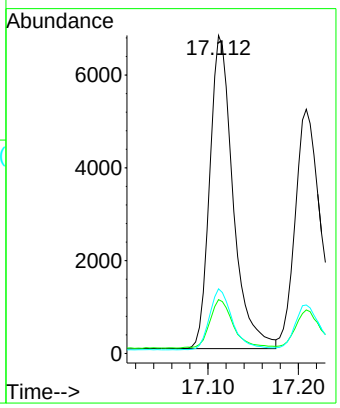


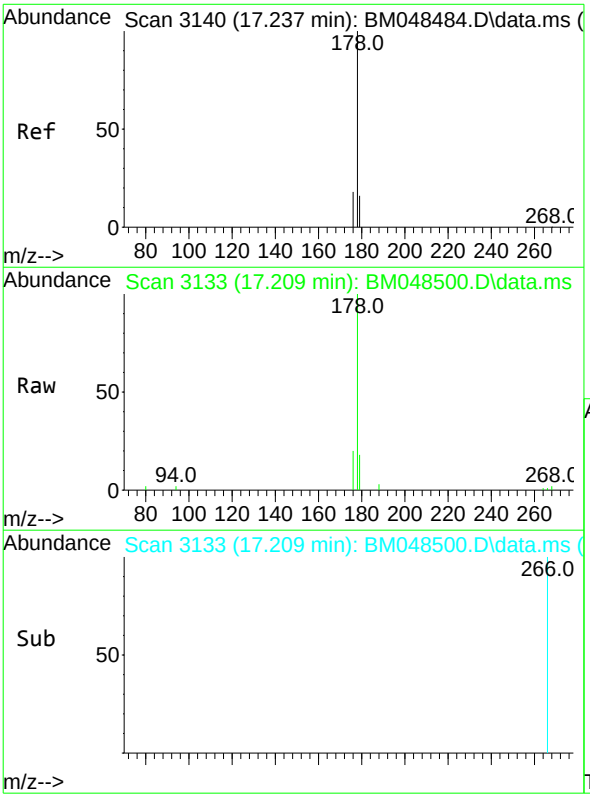
#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.112 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:178 Resp: 12116

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.0
176	20.3	16.2	24.2

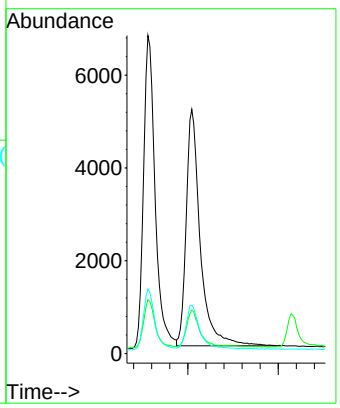


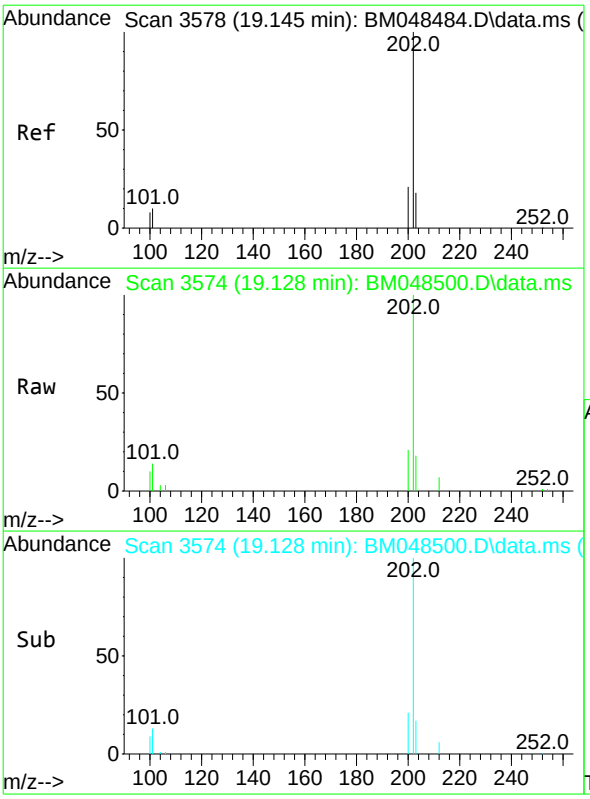


#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.209 min Scan# 3133
Delta R.T. -0.011 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:178 Resp: 11001

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.7	20.5
176	19.9	15.9	23.9



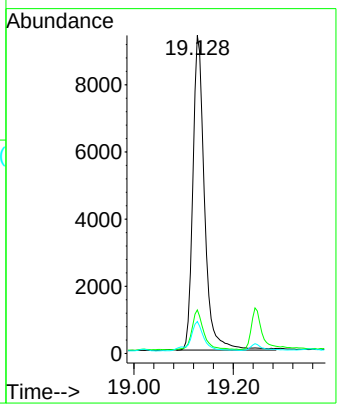


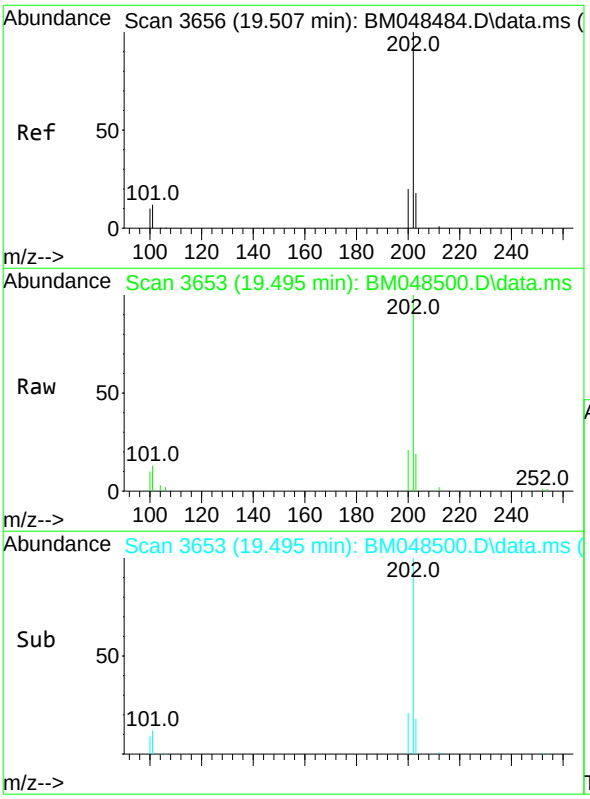
#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.128 min Scan# 35
Delta R.T. -0.013 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:202 Resp: 15314

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.4
100	10.1	7.3	10.9

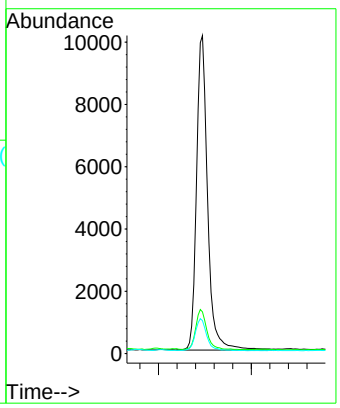


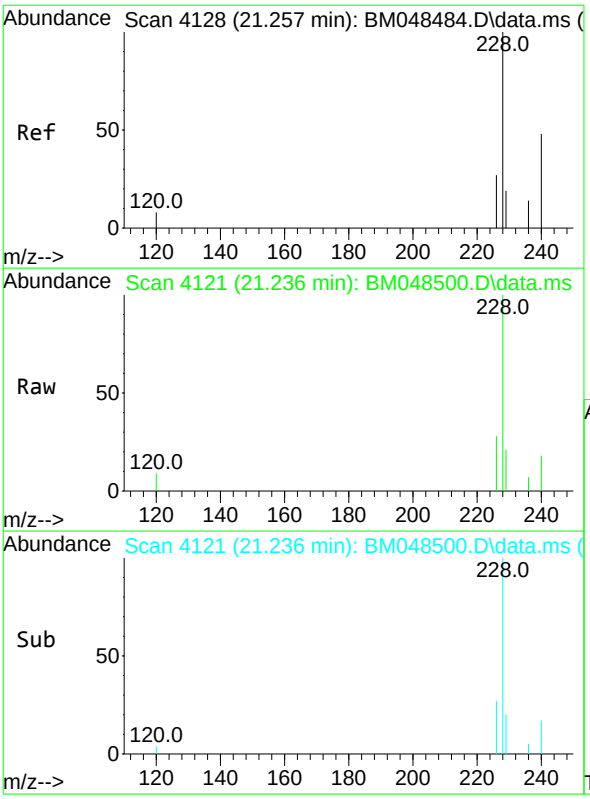


#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.495 min Scan# 3653
Delta R.T. -0.008 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:202 Resp: 16703

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.4	17.2
100	10.4	8.5	12.7



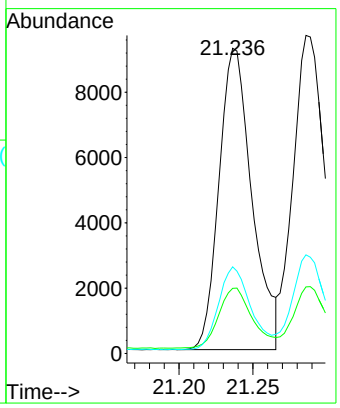


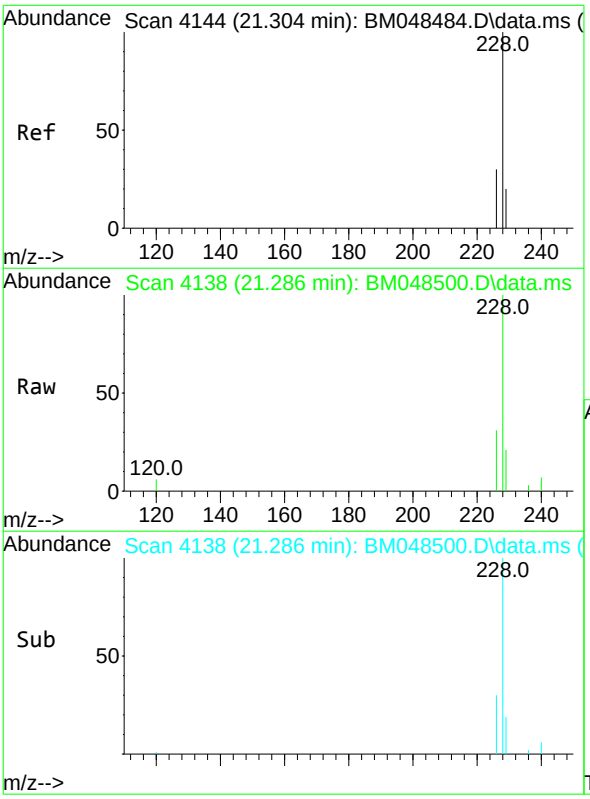
#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.236 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:228 Resp: 14367

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.2
226	28.4	22.1	33.1

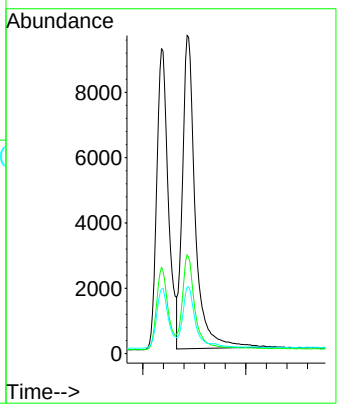


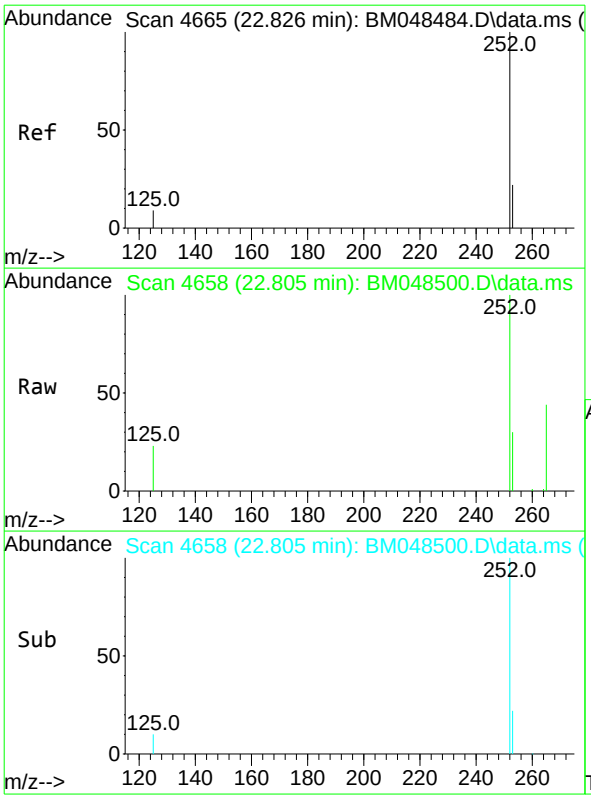


#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.286 min Scan# 4138
Delta R.T. -0.015 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:228 Resp: 16634

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.9	16.5	24.7



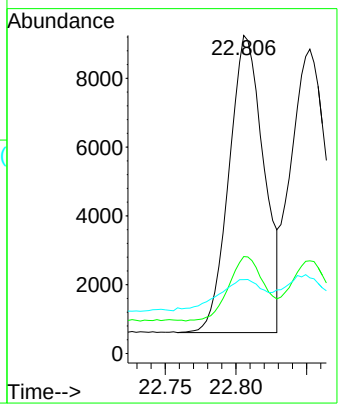


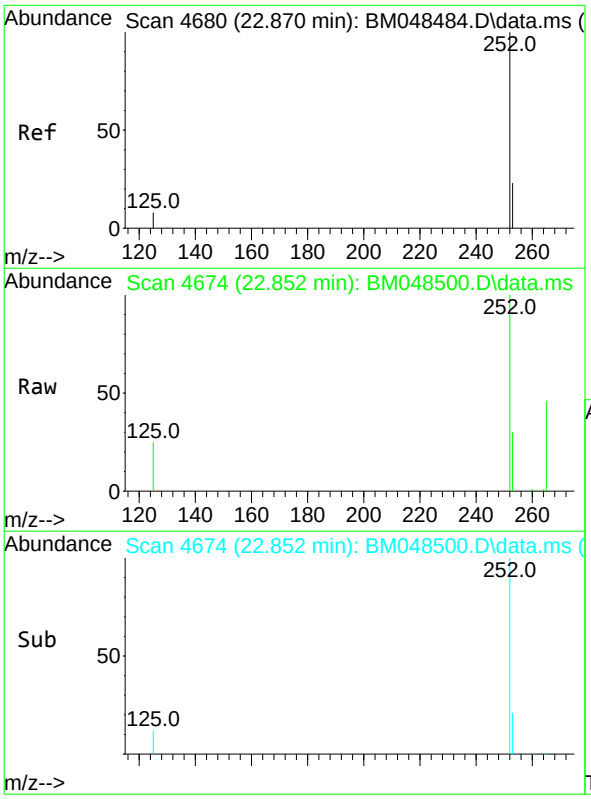
#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 22.805 min Scan# 46
Delta R.T. -0.018 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:252 Resp: 14784

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	61.6
125	23.2	0.0	43.2

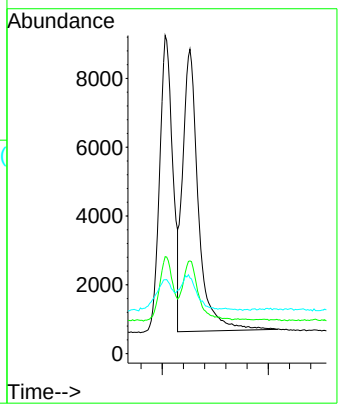


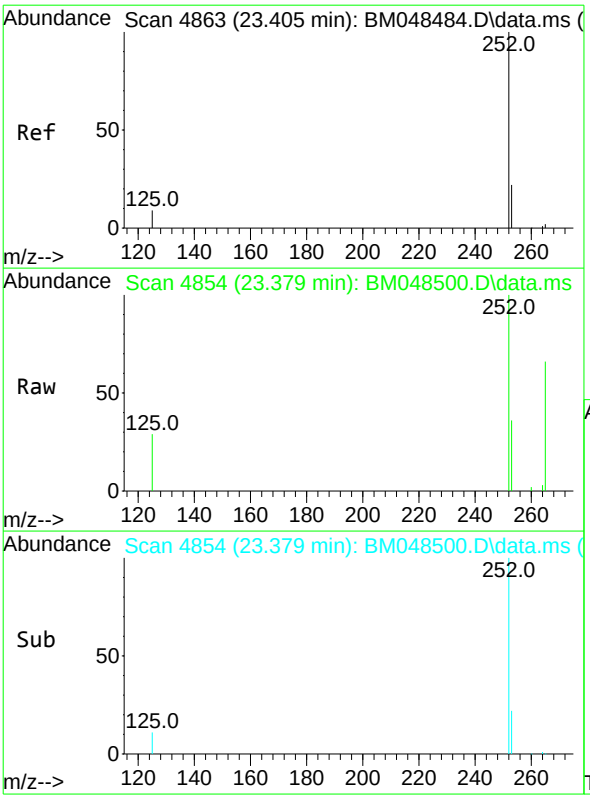


#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul
RT: 22.852 min Scan# 4674
Delta R.T. -0.015 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:252 Resp: 16891

Ion	Ratio	Lower	Upper
252	100		
253	30.4	25.0	37.4
125	24.8	17.4	26.0



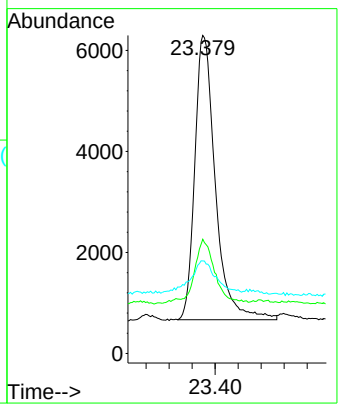


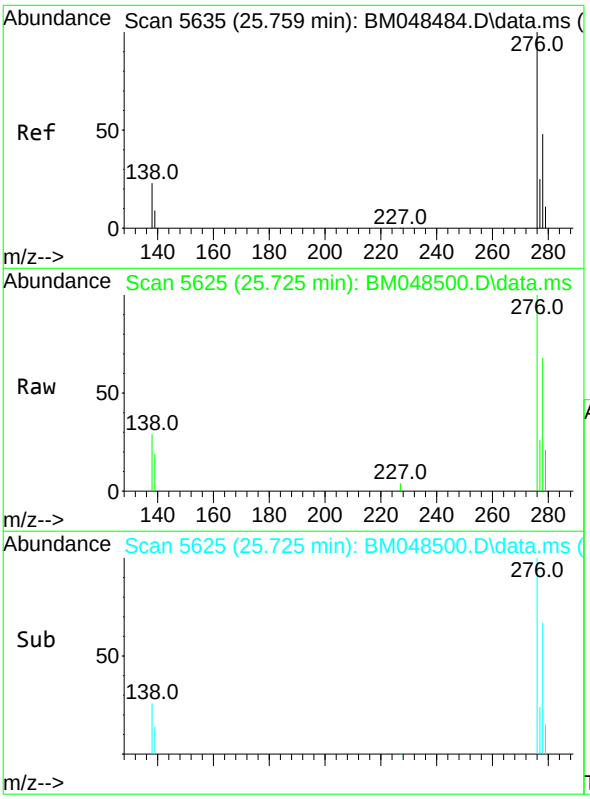
#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.379 min Scan# 48
Delta R.T. -0.024 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:252 Resp: 13996

Ion	Ratio	Lower	Upper
252	100		
253	35.9	29.6	44.4
125	29.1	23.9	35.9

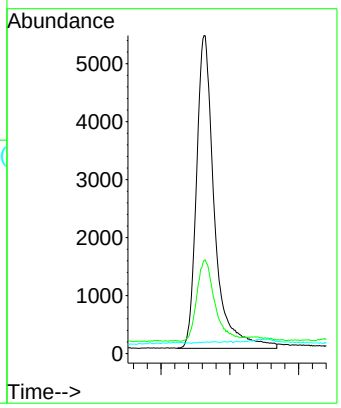


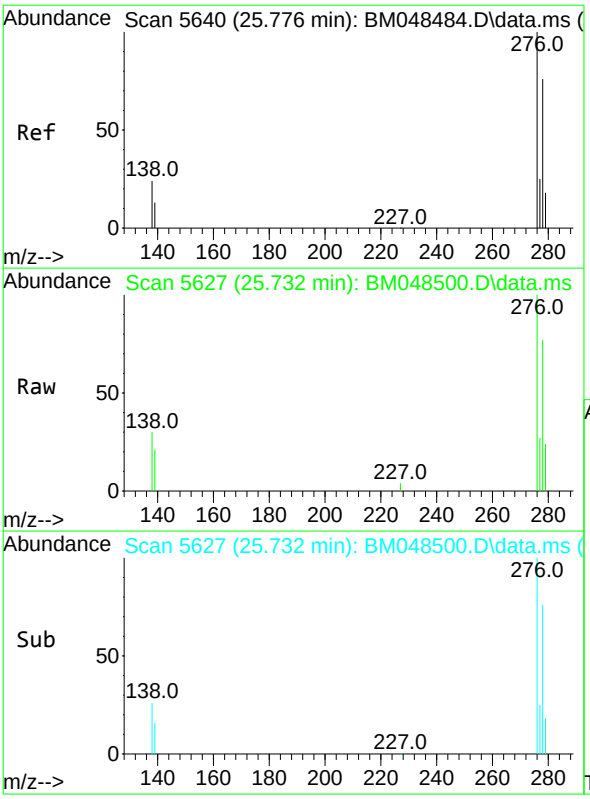


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.725 min Scan# 5625
Delta R.T. -0.027 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:276 Resp: 19561

Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.1	30.1
227	0.3	0.1	0.1#



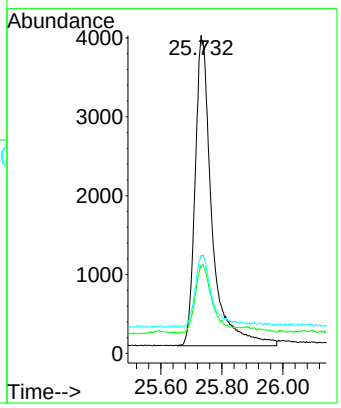


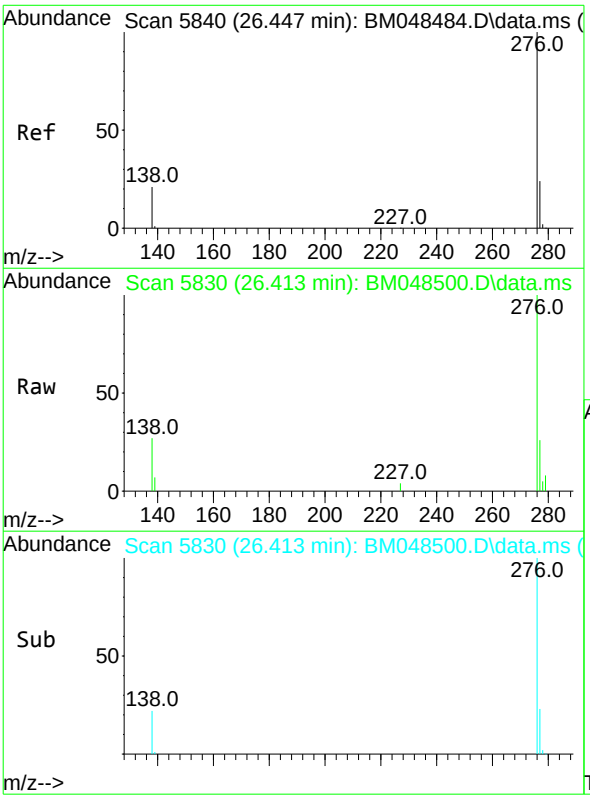
#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.732 min Scan# 56
Delta R.T. -0.044 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
CC0R7MSD

Tgt Ion:278 Resp: 15038

Ion	Ratio	Lower	Upper
278	100		
139	27.0	17.8	26.8#
279	30.8	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 26.413 min Scan# 5830
Delta R.T. -0.031 min
Lab File: BM048500.D
Acq: 07 Nov 2024 05:37

Tgt Ion:276 Resp: 15879

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.6
277	25.9	20.5	30.7