Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048633.D
Acq On : 13 Nov 2024 14:22
Operator : RC/JU
Sample : P4801-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Quant Time: Nov 13 15:06:22 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 13 11:38:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	3591	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.490	136	11950	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.320	164	6930	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.077	188	13004	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	11629	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264	11845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	1201	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.096	152	5163	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.103	212	13723	0.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.160	88	3565	0.716	ng/ul#	70
5) Naphthalene	10.539	128	9903	0.331	ng/ul	96
7) 2-Methylnaphthalene	12.167	142	5707	0.303	ng/ul	94
8) 1-Methylnaphthalene	12.371	142	6359	0.330	ng/ul	98
10) Acenaphthylene	14.047	152	9202	0.350	ng/ul	99
11) Acenaphthene	14.385	153	7300	0.347	ng/ul	99
12) Fluorene	15.394	166	8374	0.366	ng/ul	99
14) Pentachlorophenol	16.743	266	3047	0.638	ng/ul	98
15) Phenanthrene	17.119	178	12922	0.378	ng/ul	99
16) Anthracene	17.229	178	11515	0.362	ng/ul	99
19) Fluoranthene	19.131	202	17006	0.395	ng/ul	99
20) Pyrene	19.493	202	18162	0.389	ng/ul	98
21) Benzo(a)anthracene	21.246	228	12358	0.325	ng/ul	99
22) Chrysene	21.295	228	20241	0.443	ng/ul	100
24) Benzo(b)fluoranthene	22.809	252	15338	0.416	ng/ul	95
25) Benzo(k)fluoranthene	22.856	252	19238	0.444	ng/ul	96
26) Benzo(a)pyrene	23.388	252	14984	0.416	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.739	276	19680	0.391	ng/ul	97
28) Dibenzo(a,h)anthracene	25.749	278	14949	0.382	ng/ul	99
29) Benzo(g,h,i)perylene	26.413	276	17306	0.410	ng/ul	99

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

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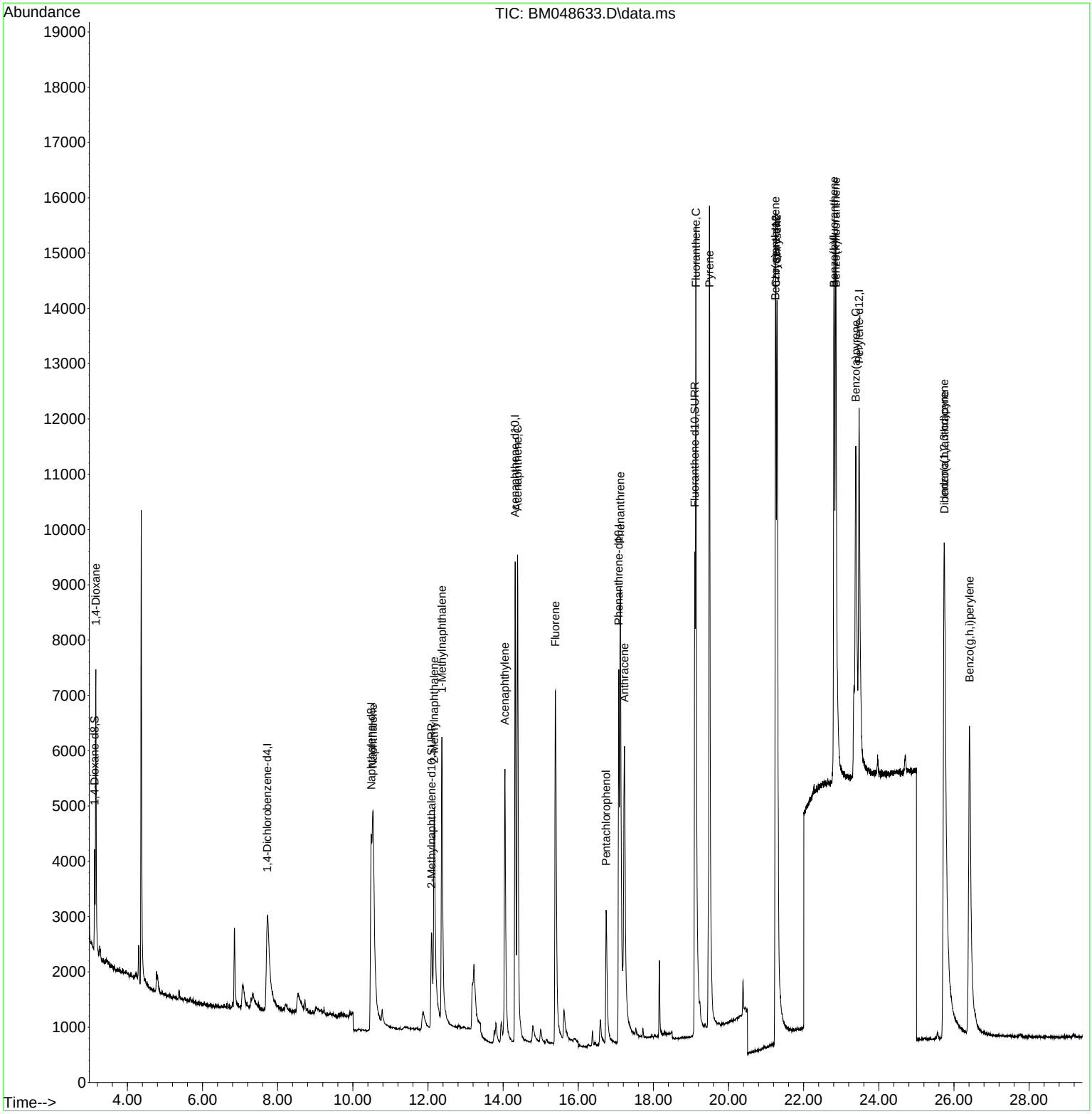
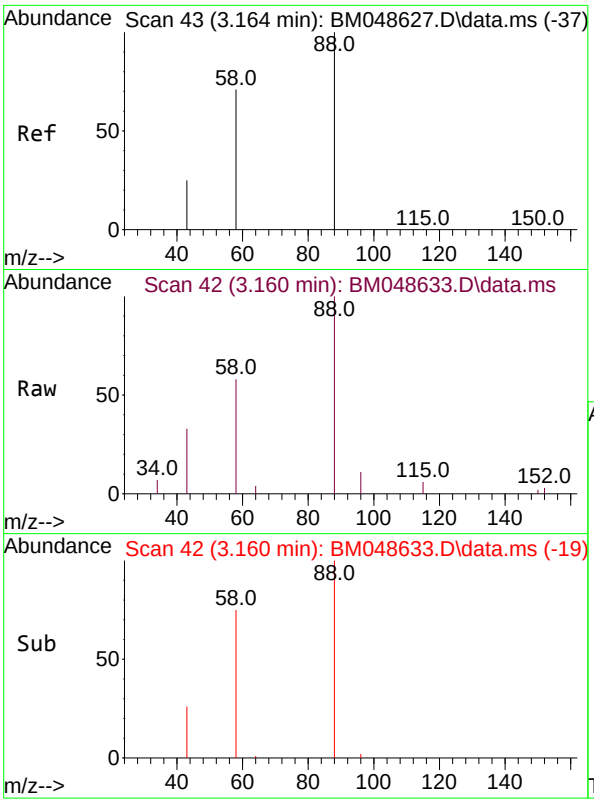
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration



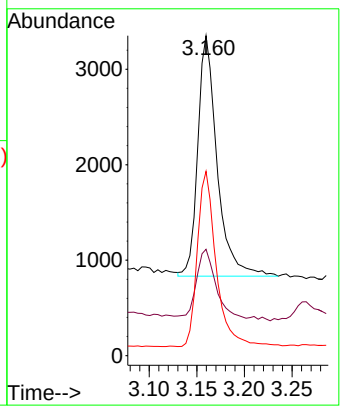


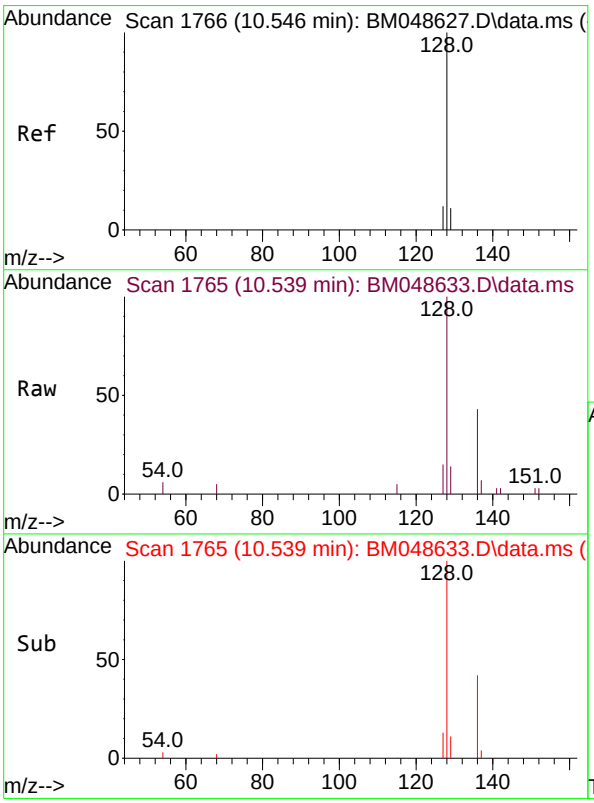
#2
1,4-Dioxane
Concen: 0.716 ng/ul
RT: 3.160 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion: 88 Resp: 3565

Ion	Ratio	Lower	Upper
88	100		
43	33.3	60.2	90.4#
58	57.6	44.2	66.2

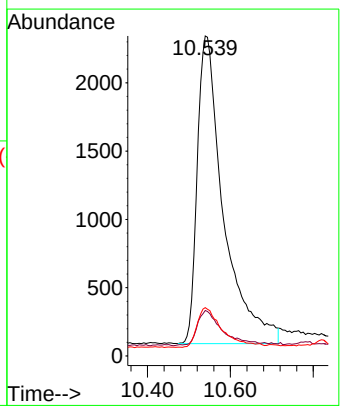


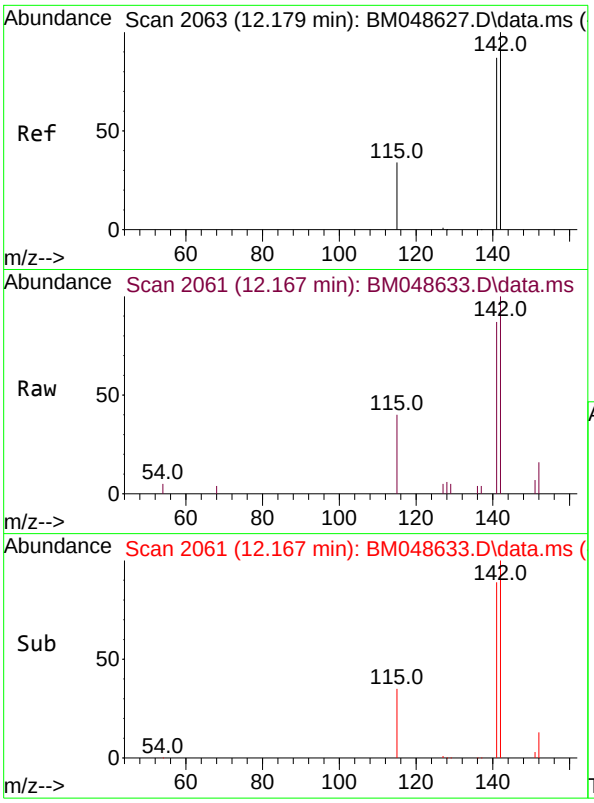


#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.539 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:128 Resp: 9903

Ion	Ratio	Lower	Upper
128	100		
129	14.2	10.0	15.0
127	15.1	10.9	16.3



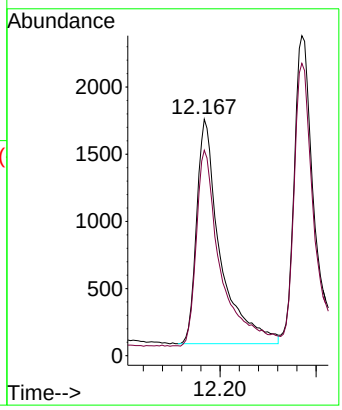


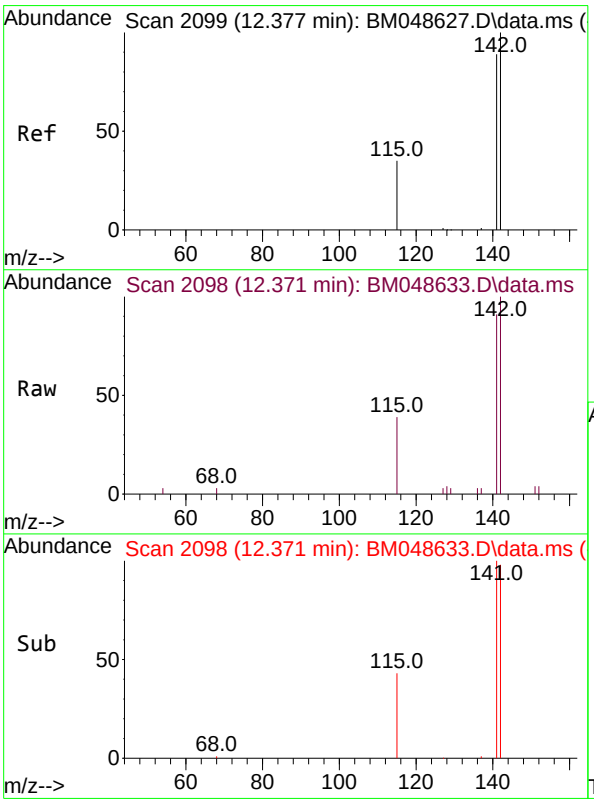
#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.167 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:142 Resp: 5707

Ion	Ratio	Lower	Upper
142	100		
141	91.3	68.6	103.0

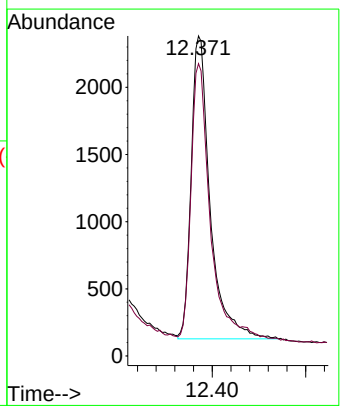


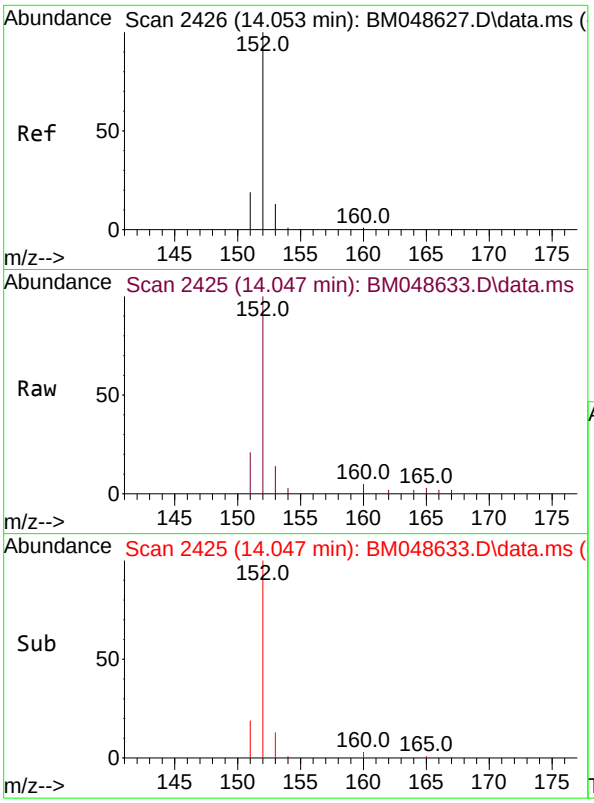


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.371 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:142 Resp: 6359

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.8	109.2



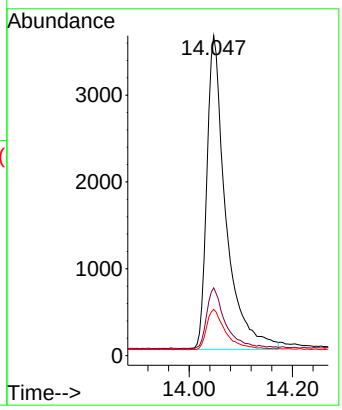


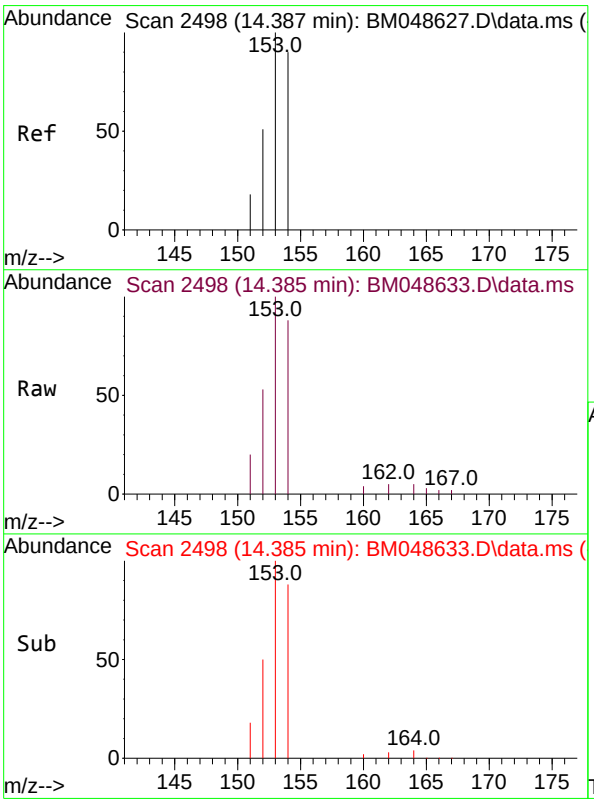
#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.047 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:152 Resp: 9202

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.5	24.7
153	14.4	11.6	17.4

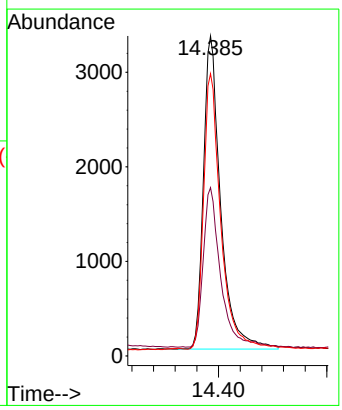


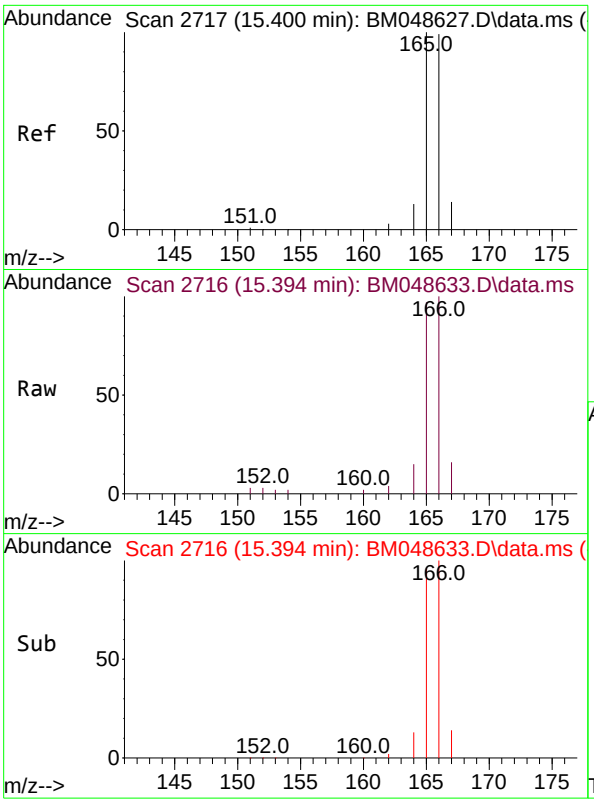


#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.385 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:153 Resp: 7300

Ion	Ratio	Lower	Upper
153	100		
152	52.6	41.1	61.7
154	88.2	70.3	105.5



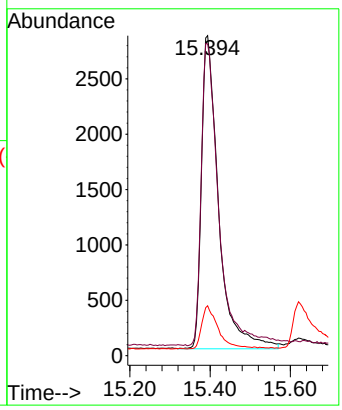


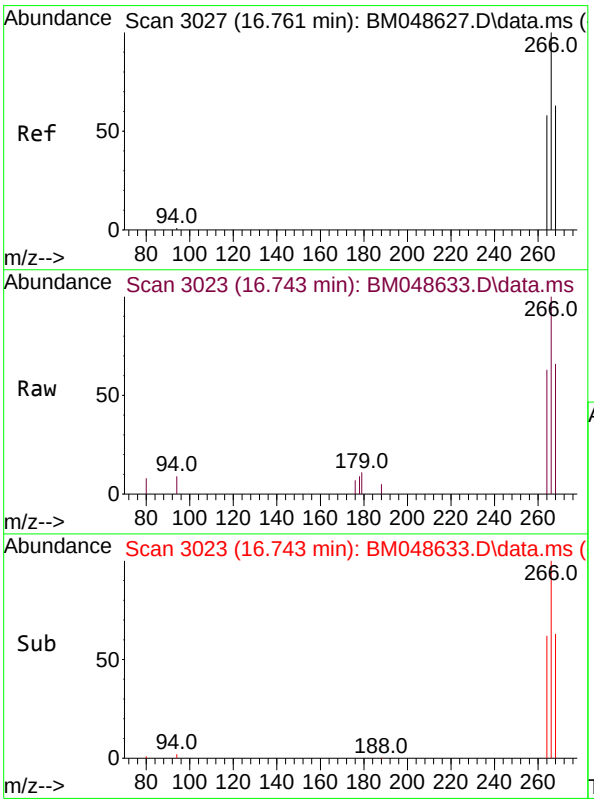
#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.394 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:166 Resp: 8374

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.7	118.1
167	15.6	12.6	18.8

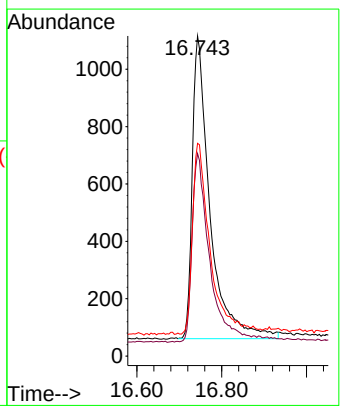


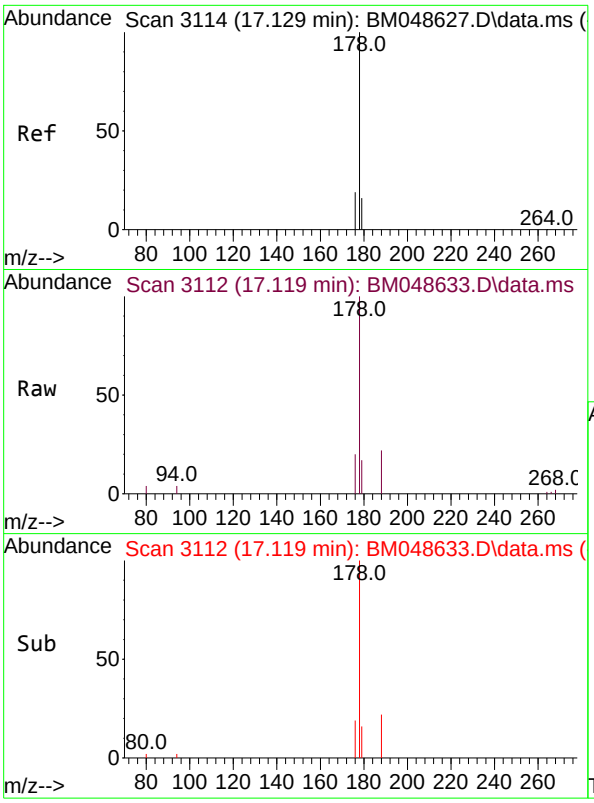


#14
Pentachlorophenol
Concen: 0.638 ng/ul
RT: 16.743 min Scan# 3023
Delta R.T. -0.018 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:266 Resp: 3047

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.6	74.4
268	63.5	49.4	74.0



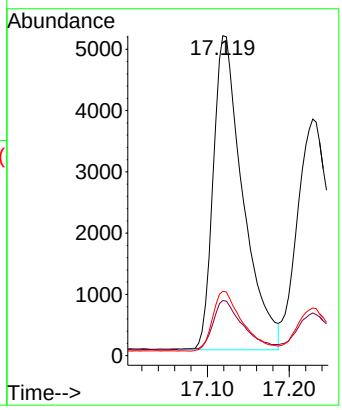


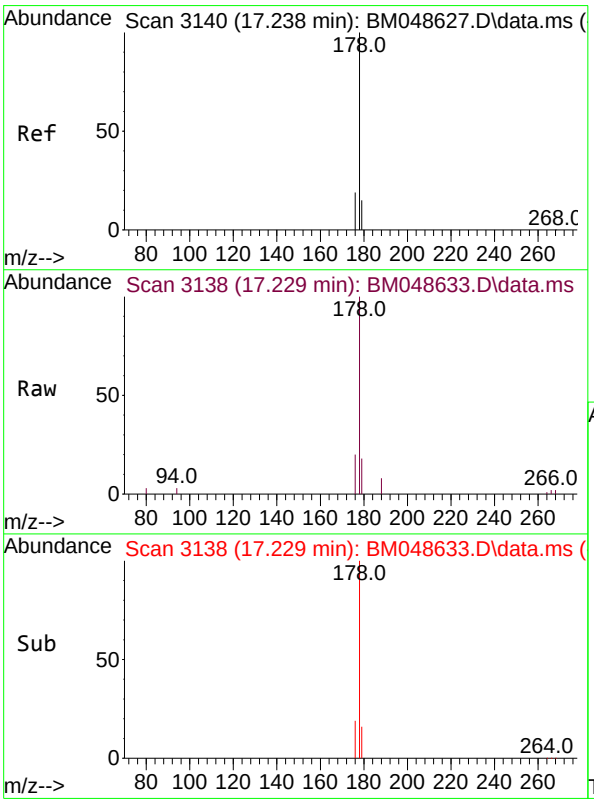
#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.119 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:178 Resp: 12922

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.4	20.0
176	20.1	16.2	24.2

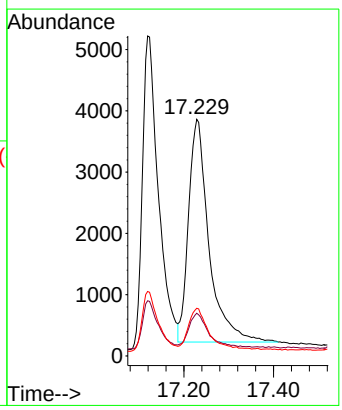


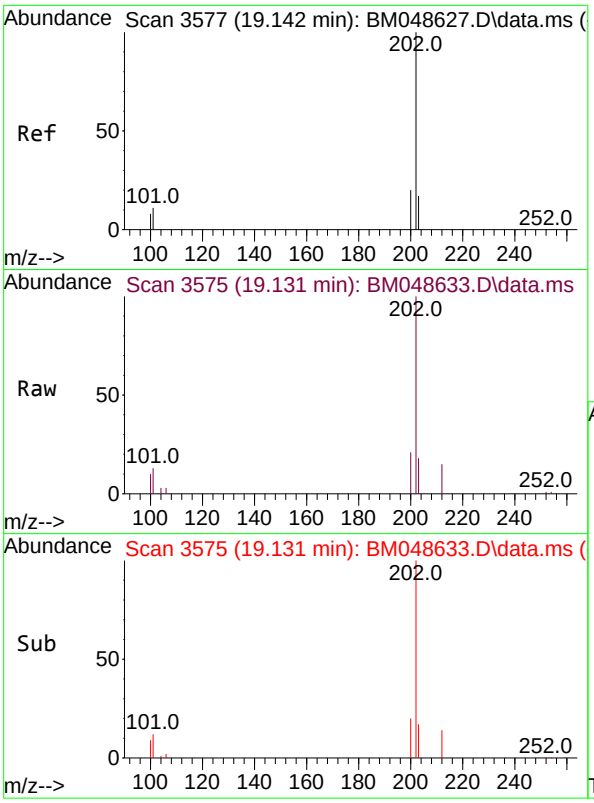


#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.229 min Scan# 3138
Delta R.T. -0.010 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:178 Resp: 11515

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.7	20.5
176	20.1	15.9	23.9



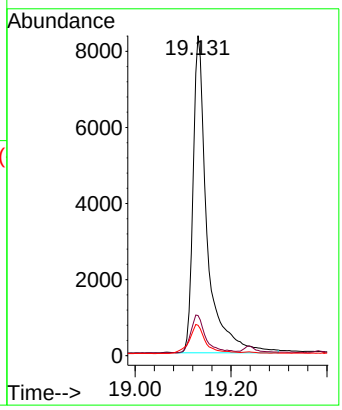


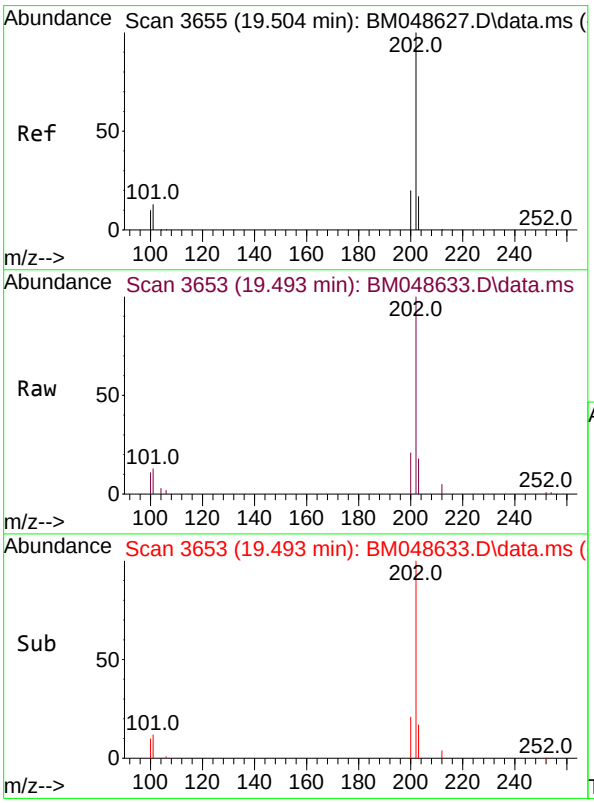
#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.131 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:202 Resp: 17006

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.4
100	9.5	7.3	10.9

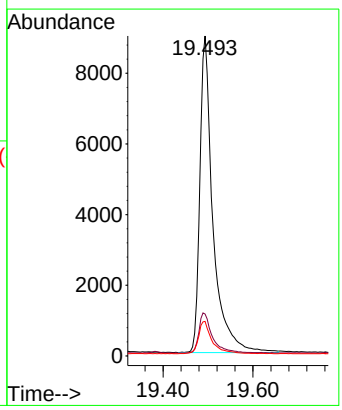


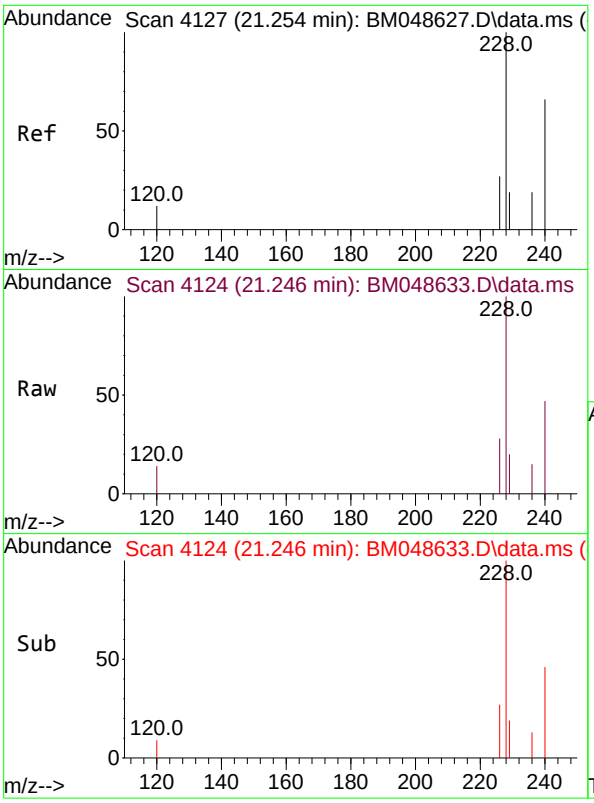


#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.493 min Scan# 3653
Delta R.T. -0.011 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:202 Resp: 18162

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.4	17.2
100	10.8	8.5	12.7



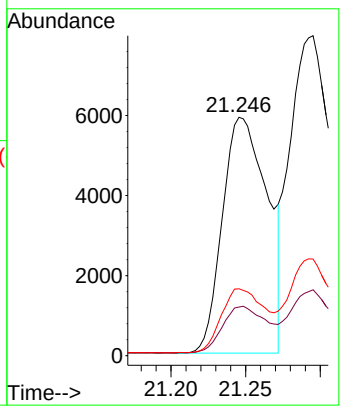


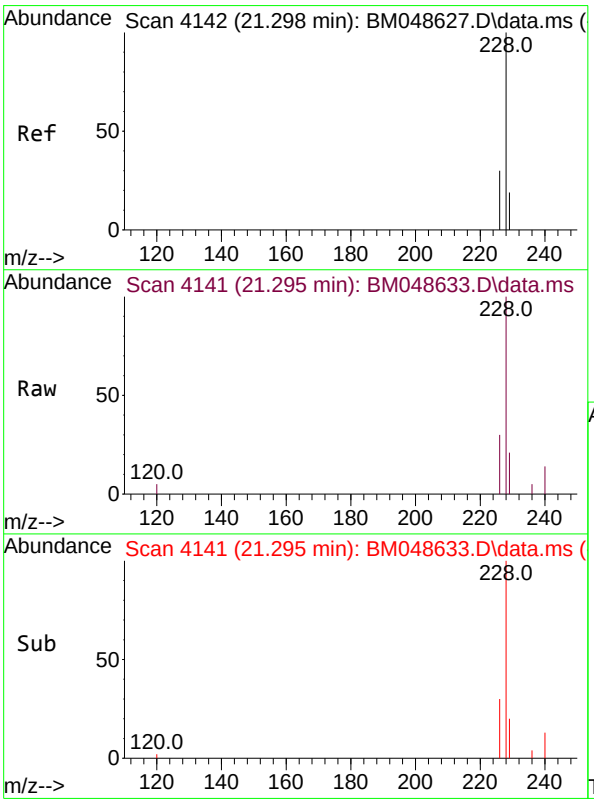
#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.246 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:228 Resp: 12358

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	28.1	22.1	33.1

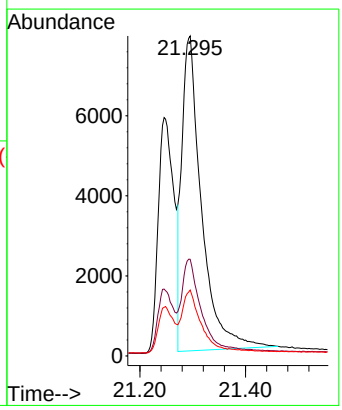


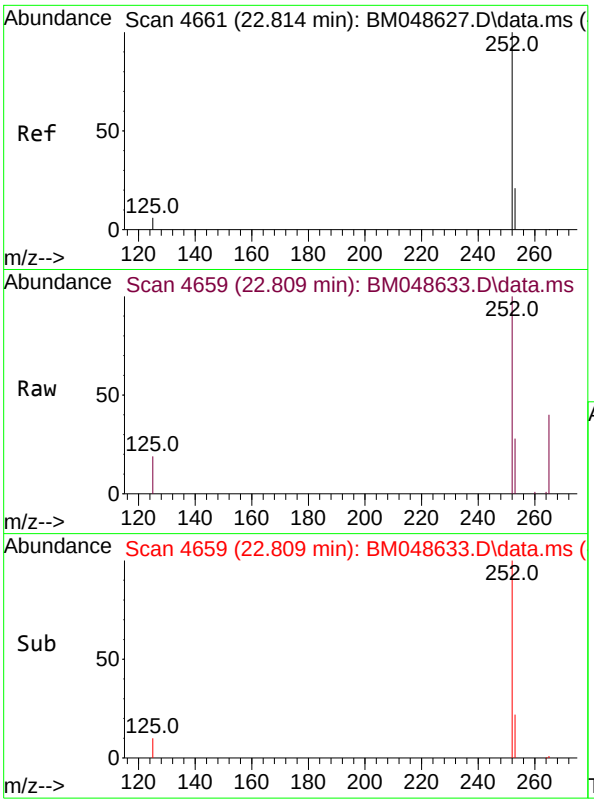


#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:228 Resp: 20241

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	20.6	16.5	24.7



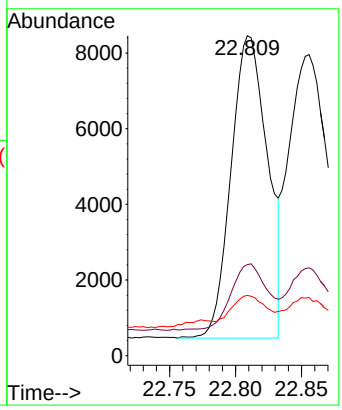


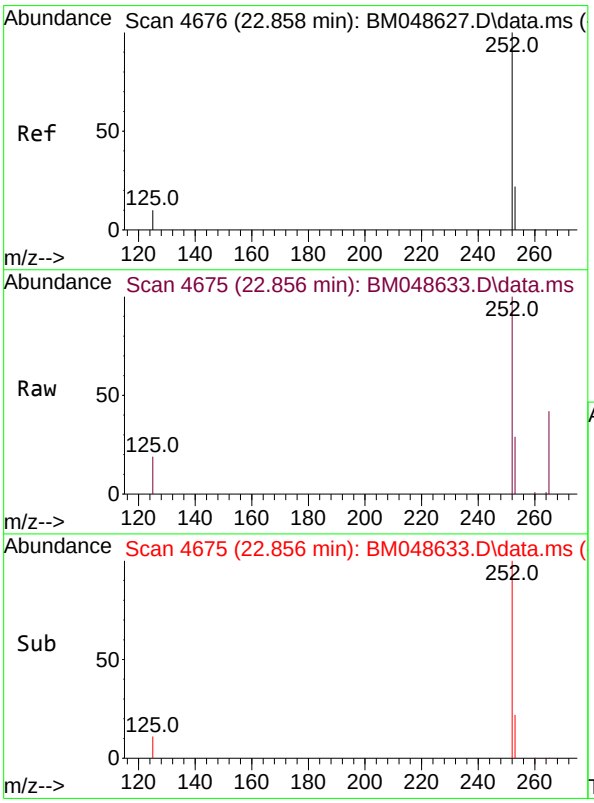
#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 22.809 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:252 Resp: 15338

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	61.6
125	18.9	0.0	43.2

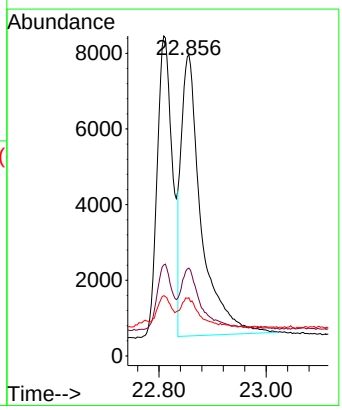


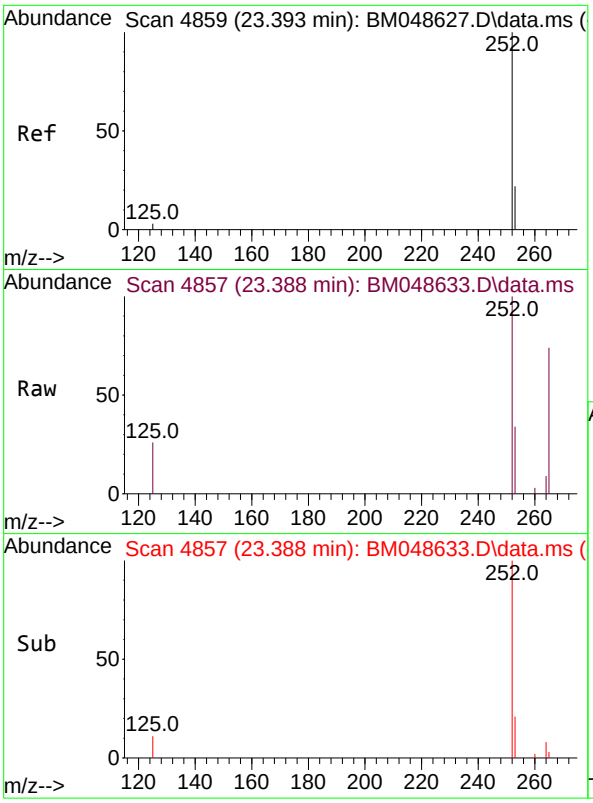


#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 22.856 min Scan# 4675
Delta R.T. -0.003 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:252 Resp: 19238

Ion	Ratio	Lower	Upper
252	100		
253	29.2	25.0	37.4
125	19.3	17.4	26.0



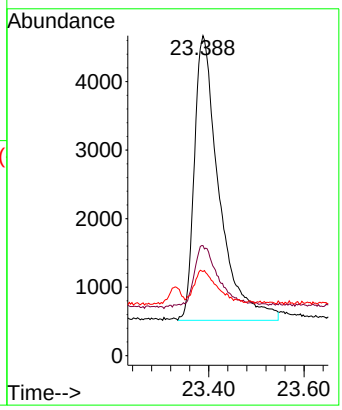


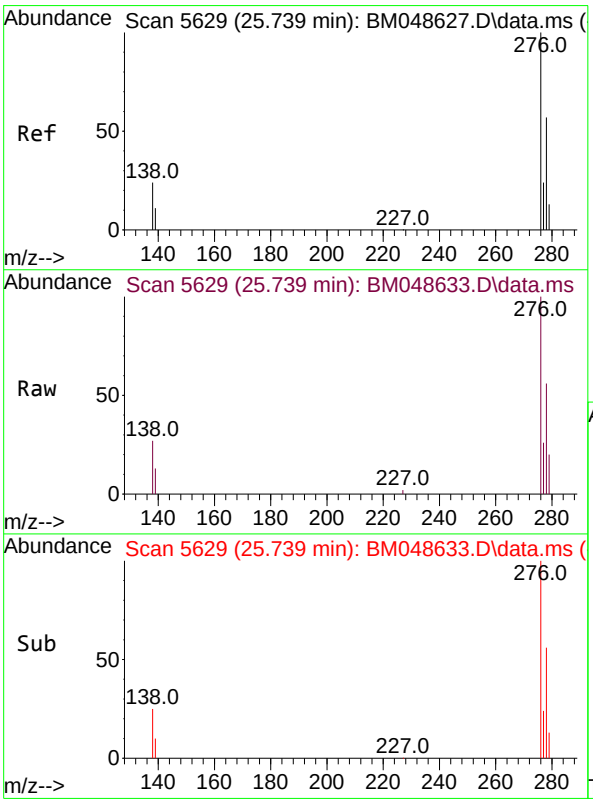
#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.388 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:252 Resp: 14984

Ion	Ratio	Lower	Upper
252	100		
253	34.4	29.6	44.4
125	26.3	23.9	35.9

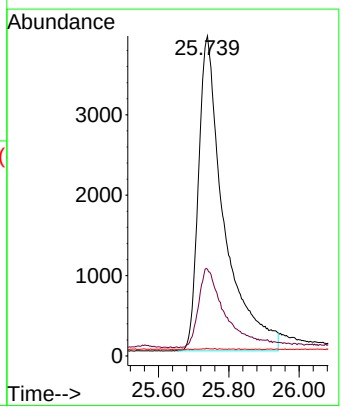


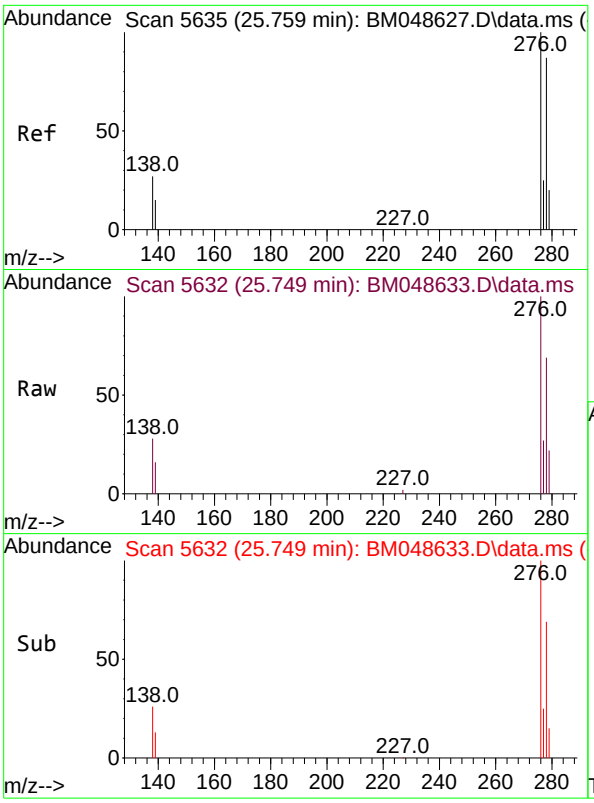


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 25.739 min Scan# 5629
Delta R.T. 0.000 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:276 Resp: 19680

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.1	30.1
227	0.1	0.1	0.1



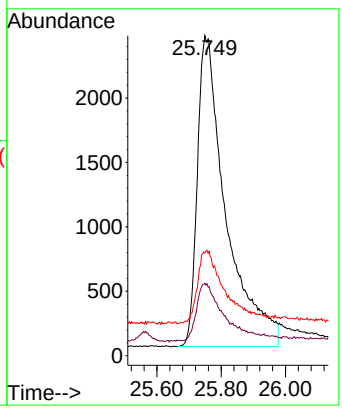


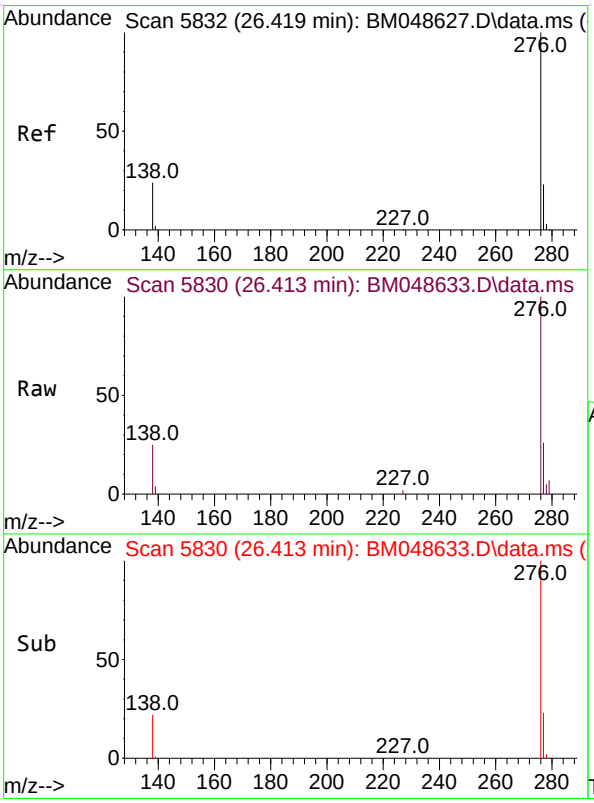
#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 25.749 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Instrument :
BNA_M
ClientSampleId :
GCPB5MSD

Tgt Ion:278 Resp: 14949

Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.8	26.8
279	32.1	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.413 min Scan# 5830
Delta R.T. -0.006 min
Lab File: BM048633.D
Acq: 13 Nov 2024 14:22

Tgt Ion:276 Resp: 17306

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.0	31.6
277	25.5	20.5	30.7