Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048632.D
Acq On : 13 Nov 2024 13:46
Operator : RC/JU
Sample : P4801-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Quant Time: Nov 13 15:03:43 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	7.729	152	3836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.485	136	13234	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.322	164	7790	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	14666	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	13110	0.400	ng/ul	0.00
23) Perylene-d12	23.478	264	13085	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	1221	0.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	5433	0.318	ng/ul	-0.01
18) Fluoranthene-d10	19.100	212	14877	0.404	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.160	88	3540	0.665	ng/ul#	71
5) Naphthalene	10.540	128	10250	0.309	ng/ul	97
7) 2-Methylnaphthalene	12.163	142	6090	0.292	ng/ul	95
8) 1-Methylnaphthalene	12.372	142	6746	0.316	ng/ul	99
10) Acenaphthylene	14.049	152	9794	0.331	ng/ul	99
11) Acenaphthene	14.382	153	7780	0.329	ng/ul	99
12) Fluorene	15.390	166	8894	0.346	ng/ul	98
14) Pentachlorophenol	16.744	266	3237	0.601	ng/ul	96
15) Phenanthrene	17.120	178	14032	0.364	ng/ul	100
16) Anthracene	17.226	178	12366	0.345	ng/ul	99
19) Fluoranthene	19.132	202	18522	0.382	ng/ul	99
20) Pyrene	19.495	202	19680	0.374	ng/ul	98
21) Benzo(a)anthracene	21.245	228	13721	0.320	ng/ul	100
22) Chrysene	21.292	228	21389	0.415	ng/ul	99
24) Benzo(b)fluoranthene	22.808	252	16316	0.400	ng/ul	94
25) Benzo(k)fluoranthene	22.855	252	20374	0.426	ng/ul	94
26) Benzo(a)pyrene	23.387	252	15677	0.394	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.738	276	20651	0.372	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.752	278	15549	0.359	ng/ul	99
29) Benzo(g,h,i)perylene	26.416	276	17985	0.385	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
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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
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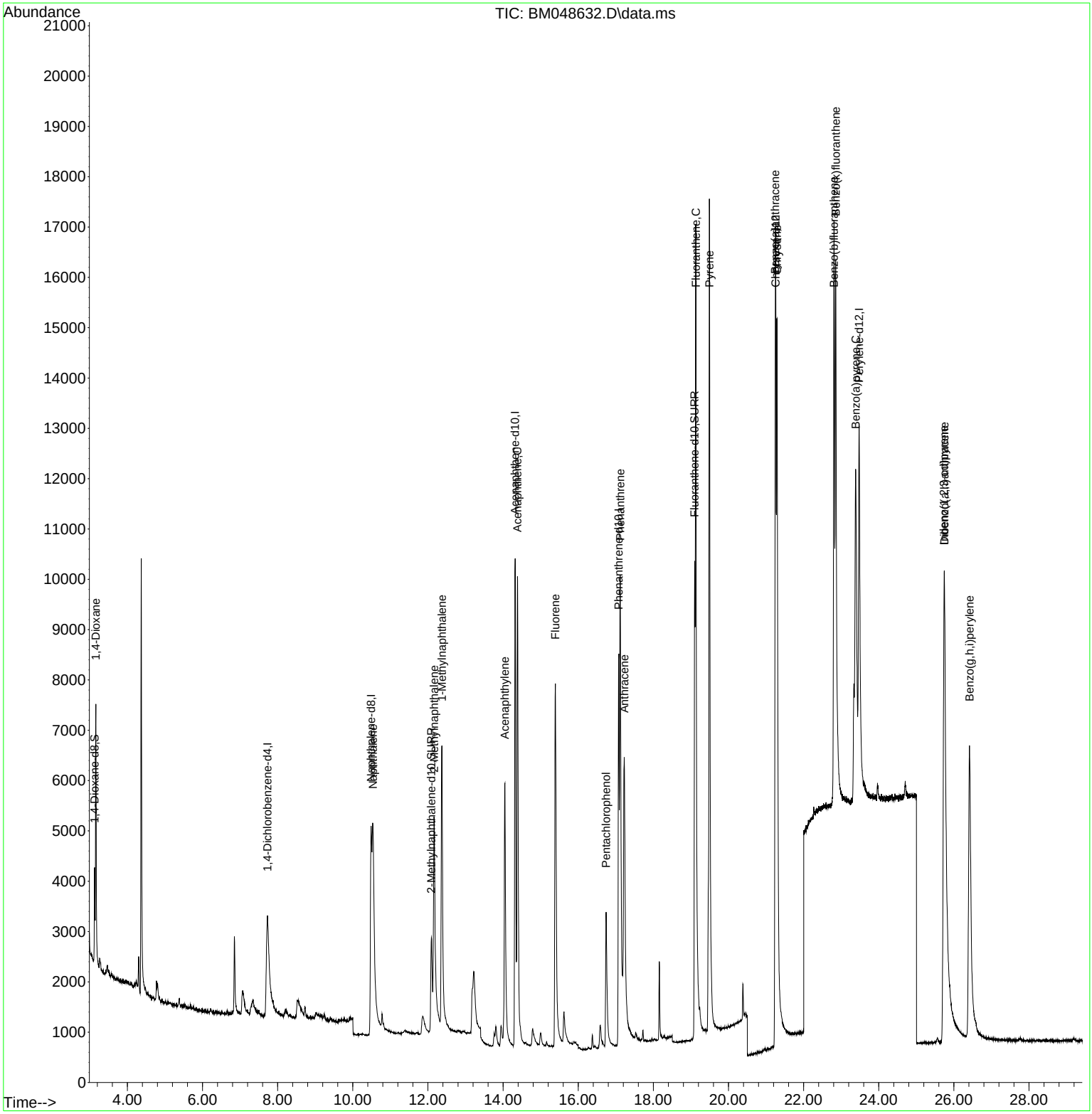
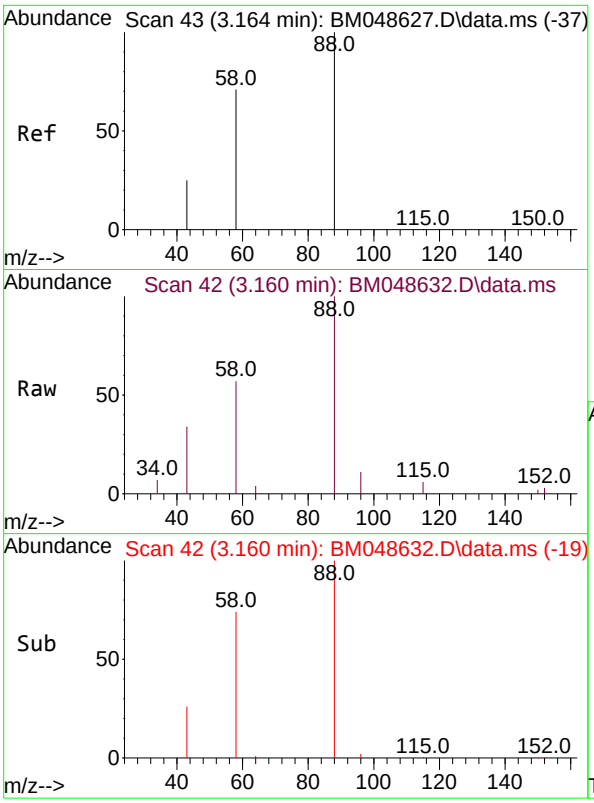


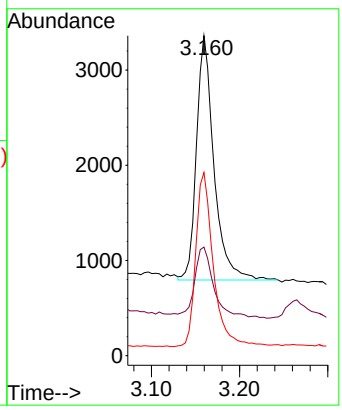


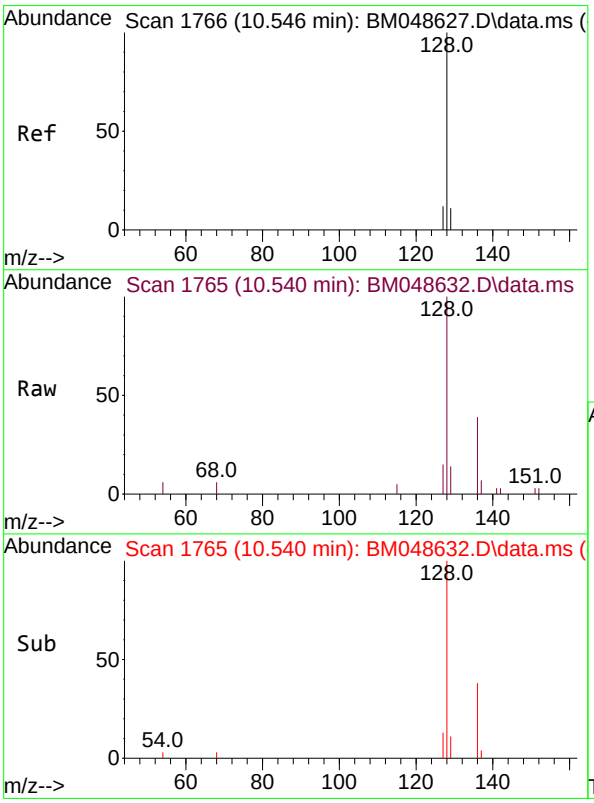
#2
1,4-Dioxane
Concen: 0.665 ng/ul
RT: 3.160 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion: 88 Resp: 3540

Ion	Ratio	Lower	Upper
88	100		
43	34.0	60.2	90.4#
58	57.2	44.2	66.2

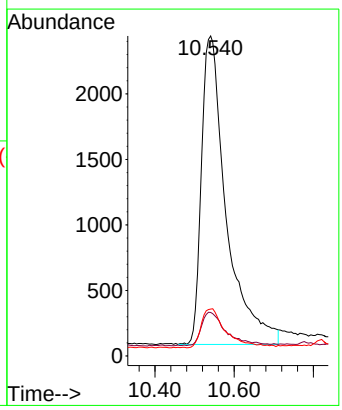


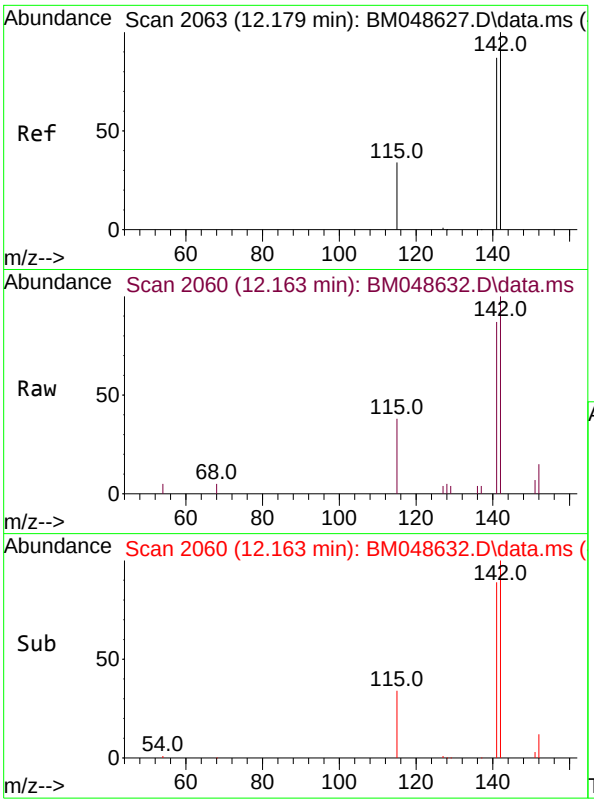


#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.540 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:128 Resp: 10250

Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.0	15.0
127	14.7	10.9	16.3



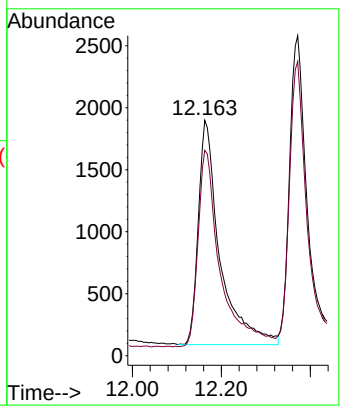


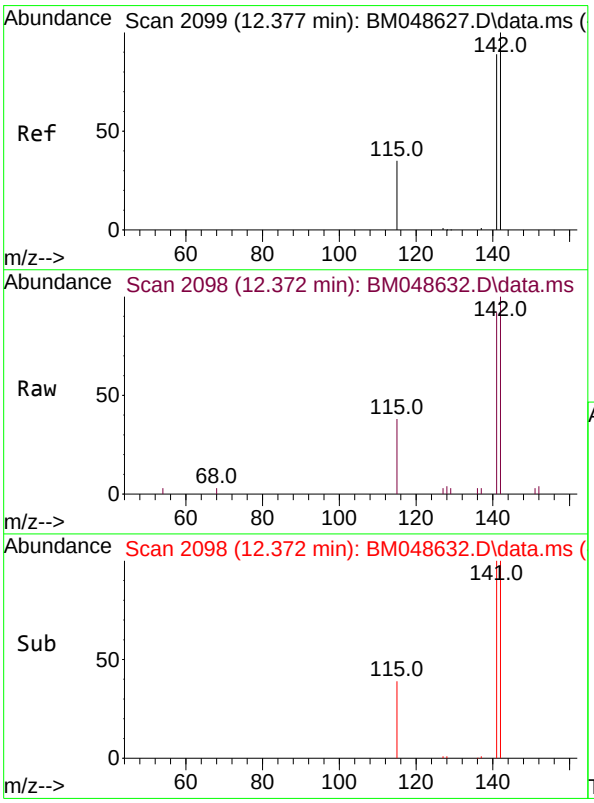
#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.163 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:142 Resp: 6090

Ion	Ratio	Lower	Upper
142	100		
141	90.3	68.6	103.0

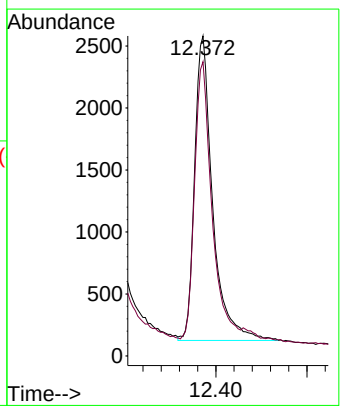


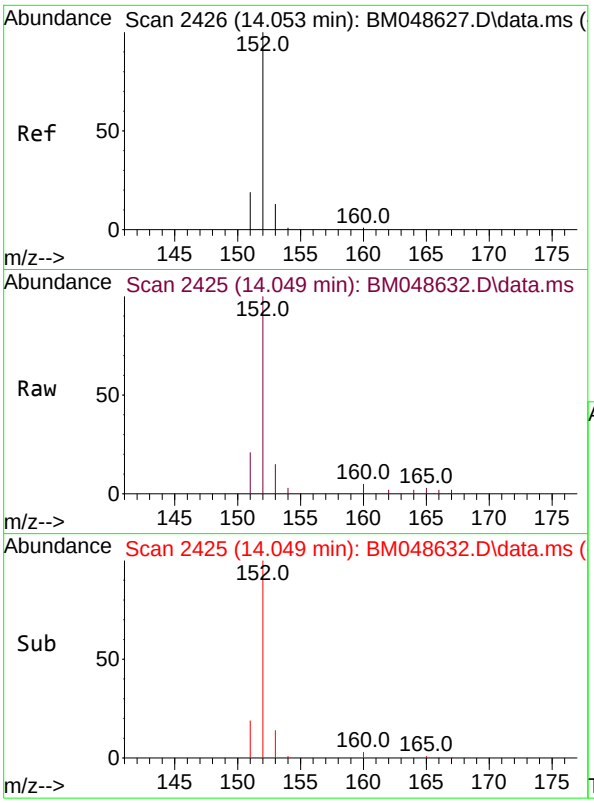


#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.372 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:142 Resp: 6746

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.8	109.2



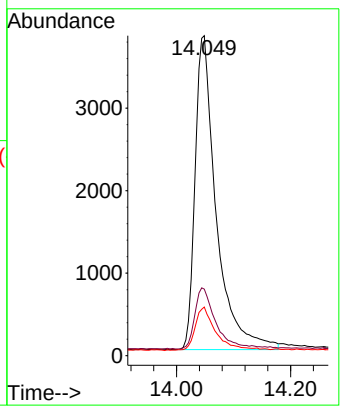


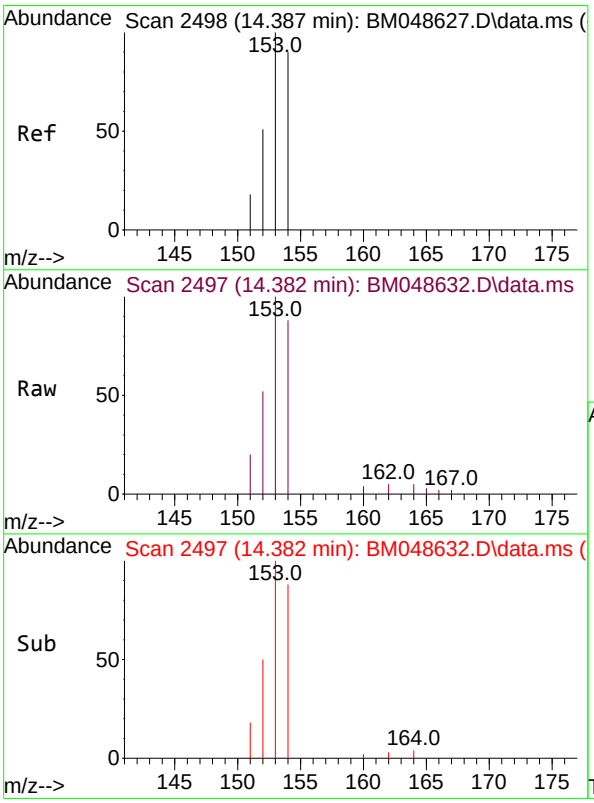
#10
Acenaphthylene
Concen: 0.331 ng/ul
RT: 14.049 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:152 Resp: 9794

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	15.2	11.6	17.4

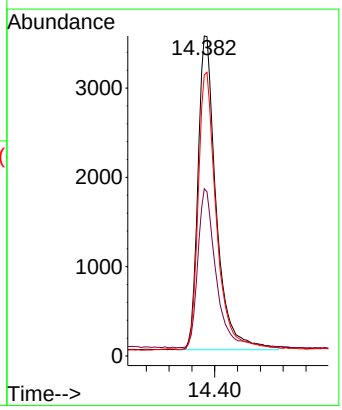


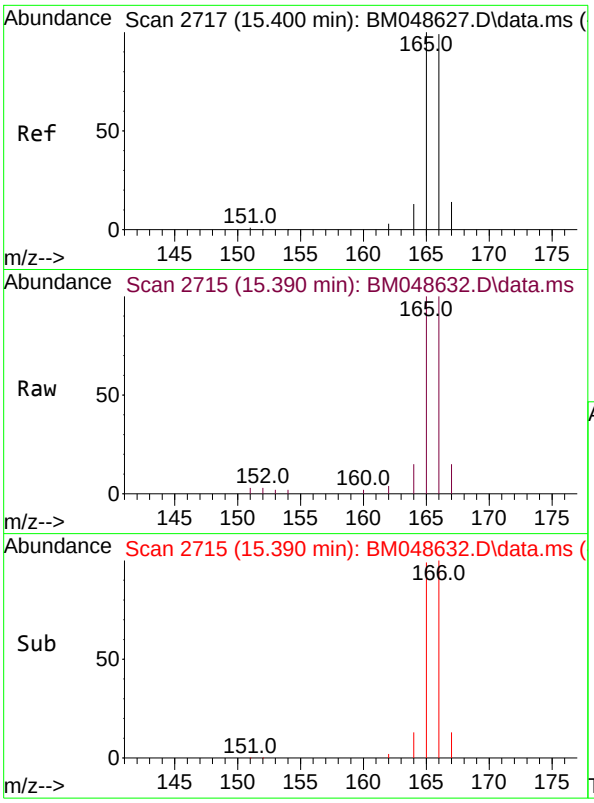


#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.382 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:153 Resp: 7780

Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.1	61.7
154	87.8	70.3	105.5



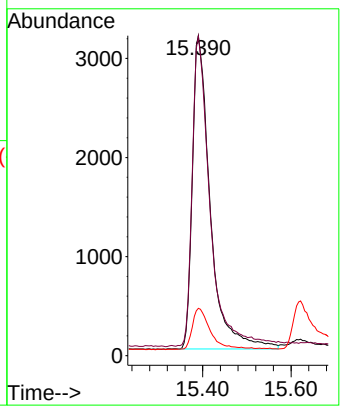


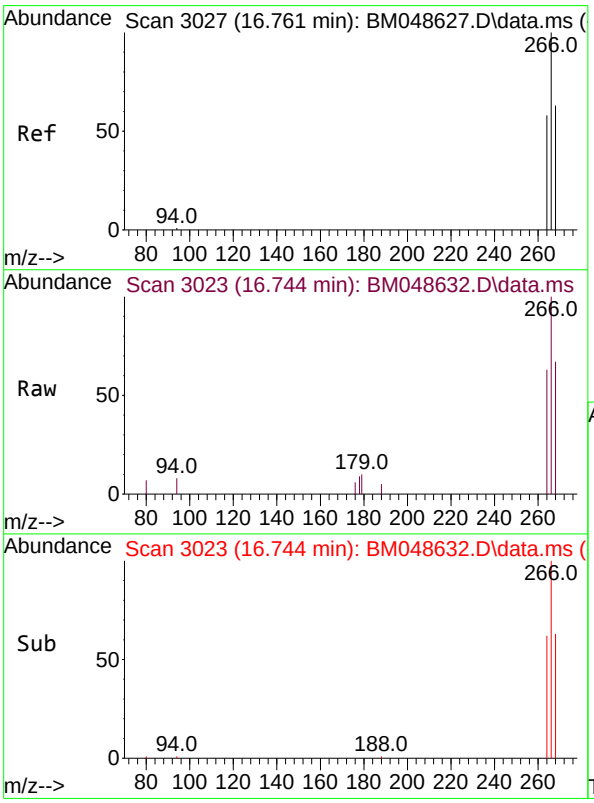
#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.390 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:166 Resp: 8894

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.7	118.1
167	14.8	12.6	18.8

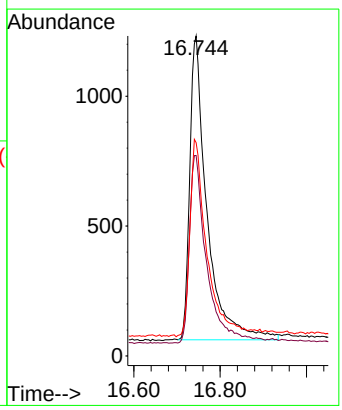


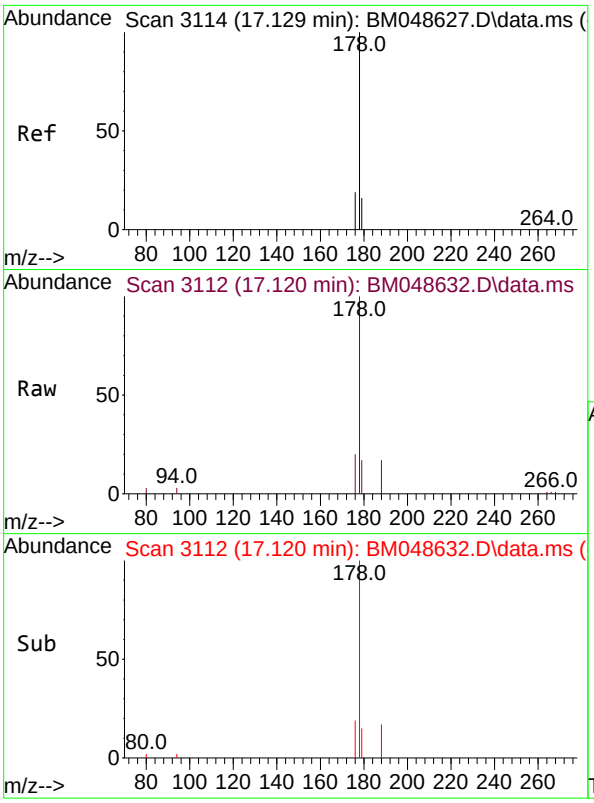


#14
Pentachlorophenol
Concen: 0.601 ng/ul
RT: 16.744 min Scan# 3023
Delta R.T. -0.017 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:266 Resp: 3237

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.6	74.4
268	66.5	49.4	74.0



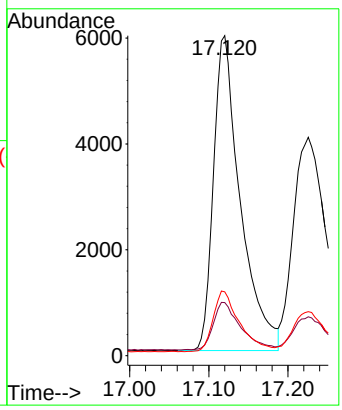


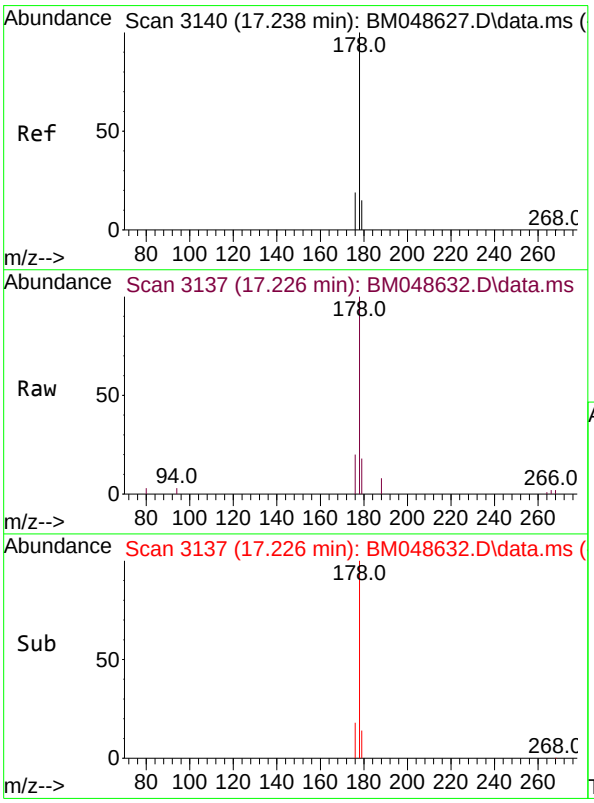
#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.120 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:178 Resp: 14032

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.0
176	20.0	16.2	24.2

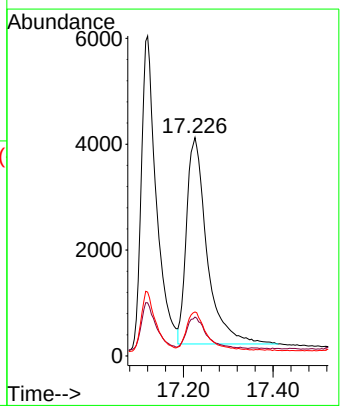


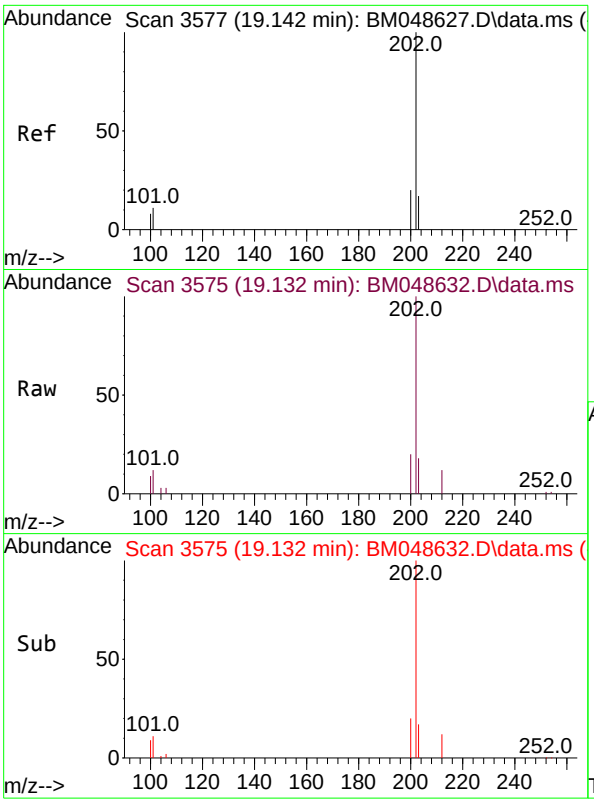


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.226 min Scan# 3137
Delta R.T. -0.013 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:178 Resp: 12366

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.7	20.5
176	20.2	15.9	23.9



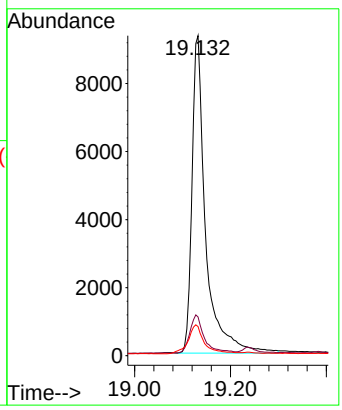


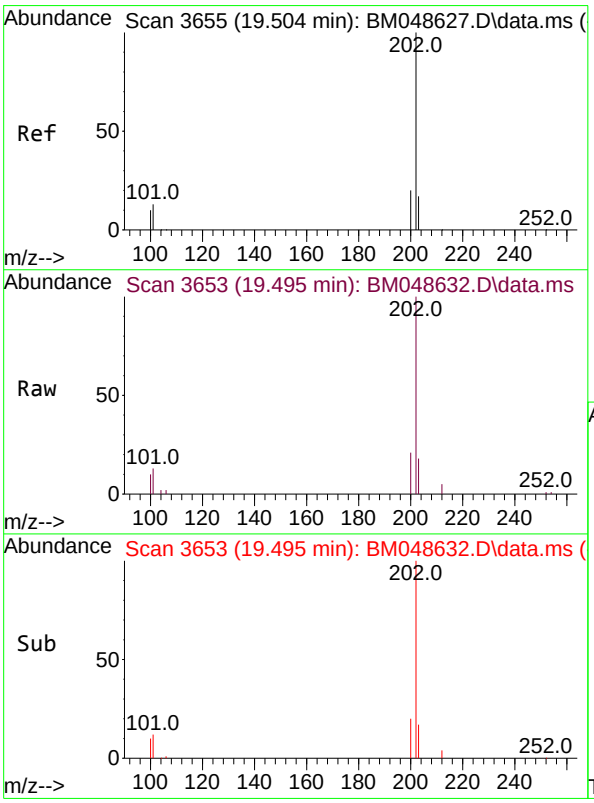
#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.132 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:202 Resp: 18522

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.2	15.4
100	9.1	7.3	10.9

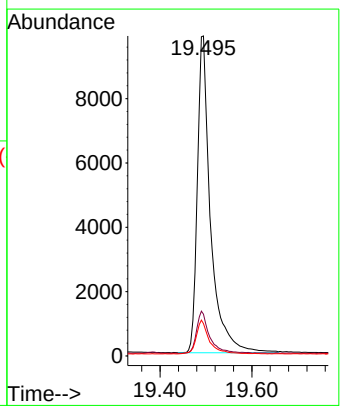


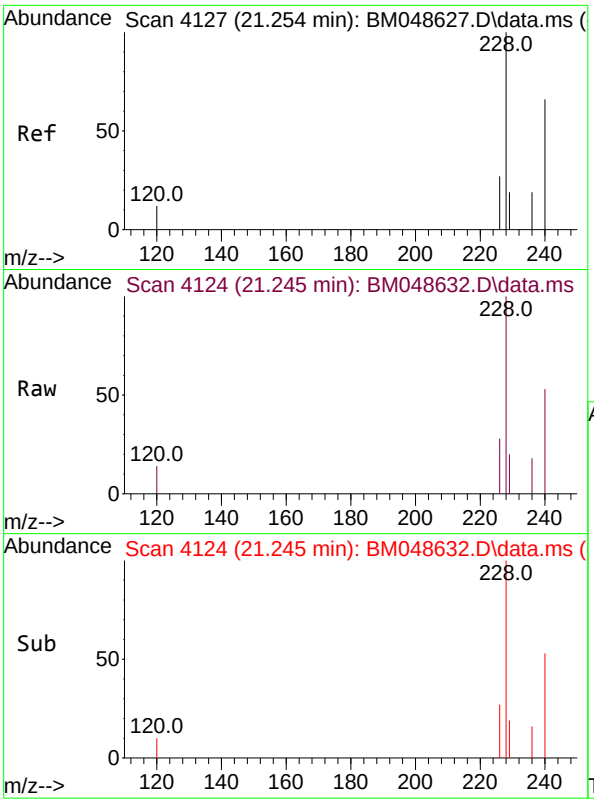


#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.495 min Scan# 3653
Delta R.T. -0.010 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:202 Resp: 19680

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.2
100	10.1	8.5	12.7



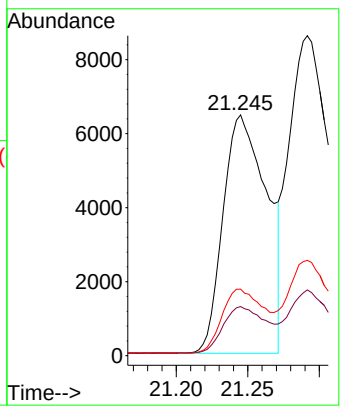


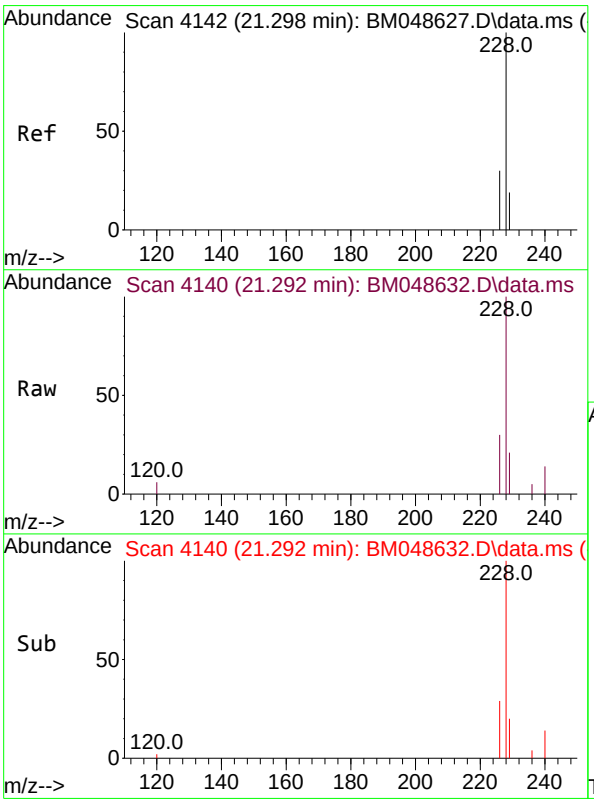
#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.245 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:228 Resp: 13721

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	27.6	22.1	33.1

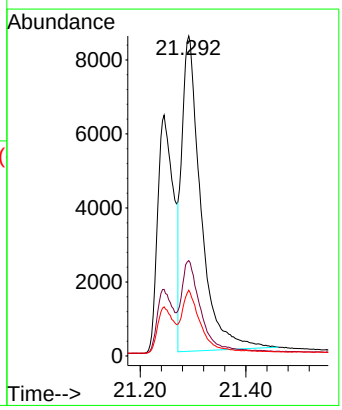


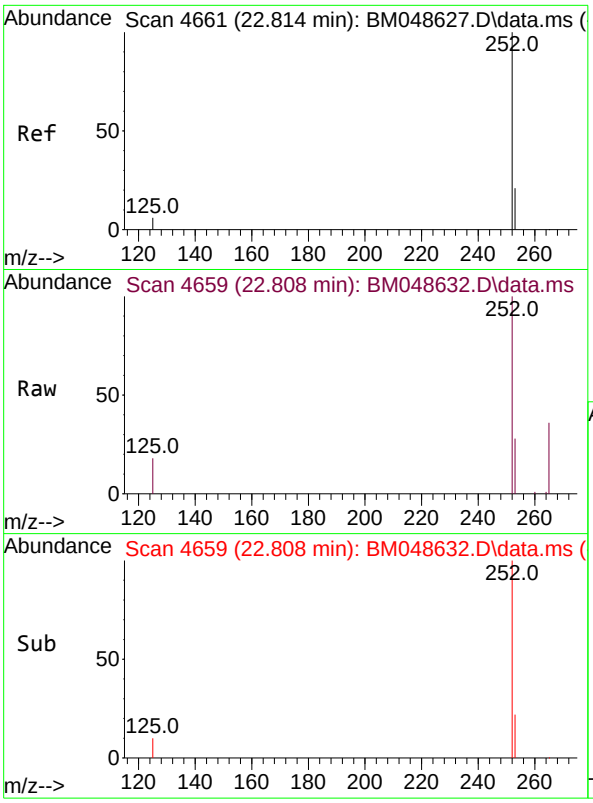


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.292 min Scan# 4140
Delta R.T. -0.006 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:228 Resp: 21389

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	20.5	16.5	24.7



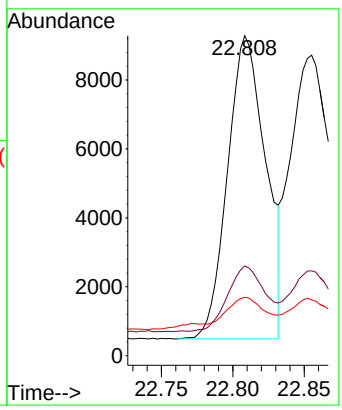


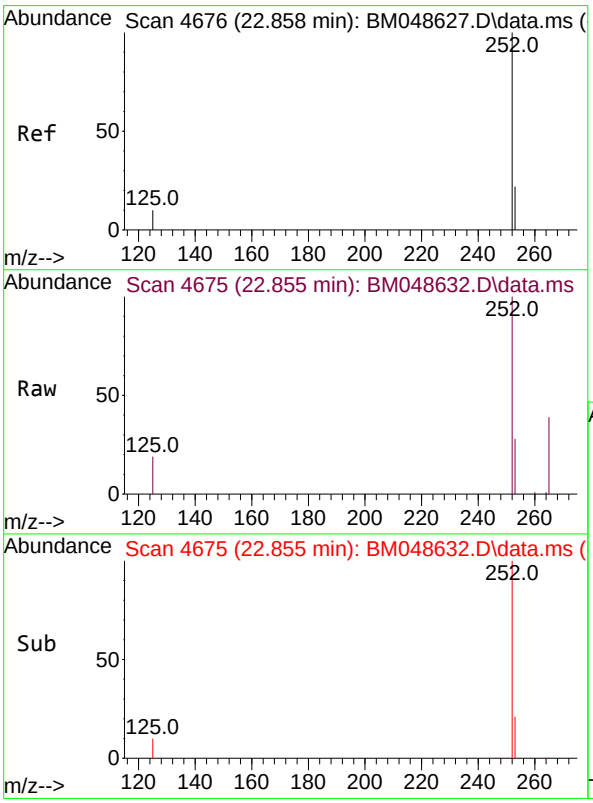
#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 22.808 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:252 Resp: 16316

Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	61.6
125	18.3	0.0	43.2

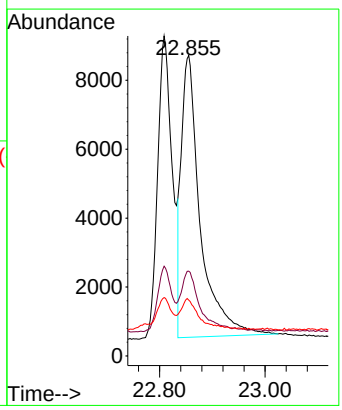


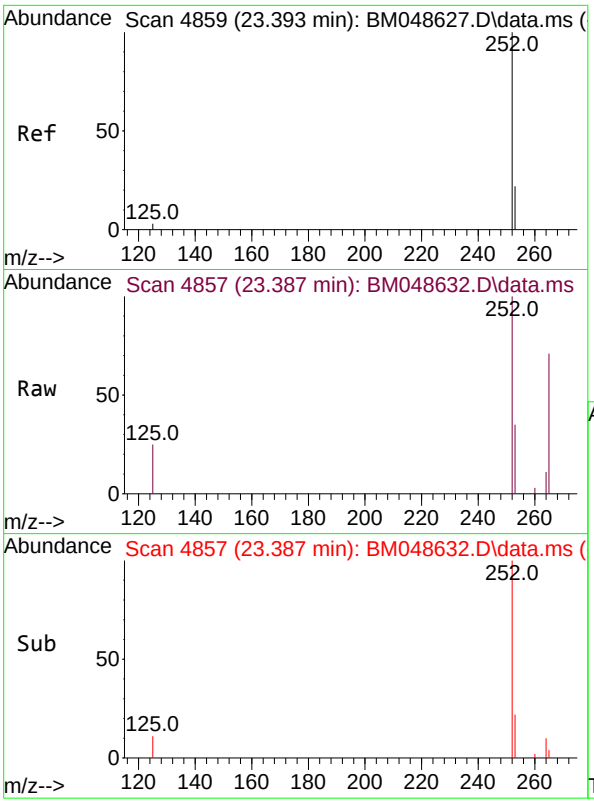


#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 22.855 min Scan# 4675
Delta R.T. -0.003 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:252 Resp: 20374

Ion	Ratio	Lower	Upper
252	100		
253	28.2	25.0	37.4
125	18.6	17.4	26.0



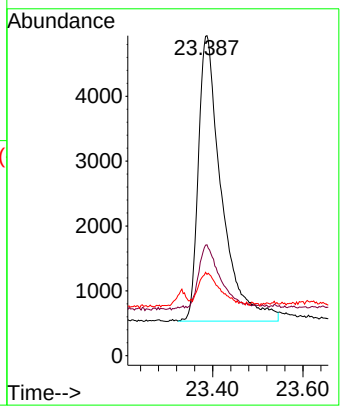


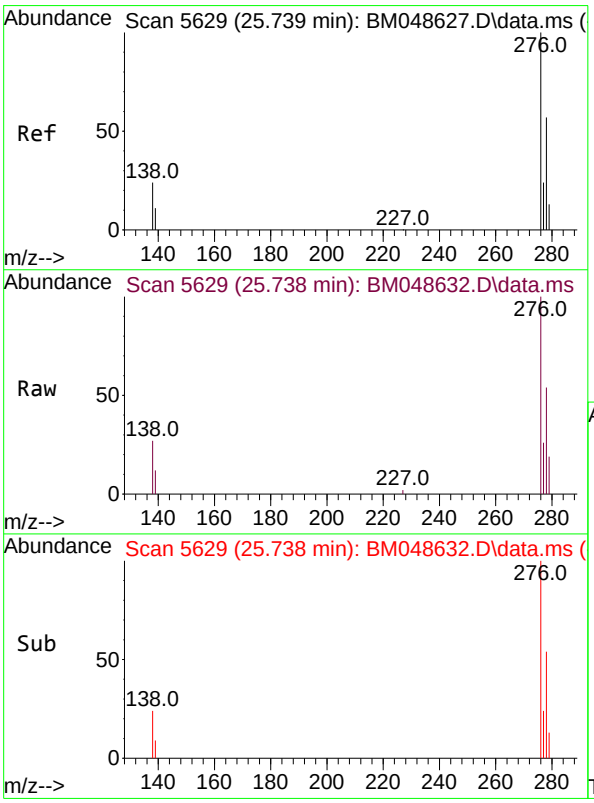
#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.387 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:252 Resp: 15677

Ion	Ratio	Lower	Upper
252	100		
253	34.6	29.6	44.4
125	25.4	23.9	35.9

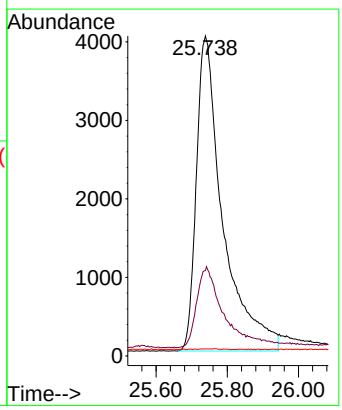


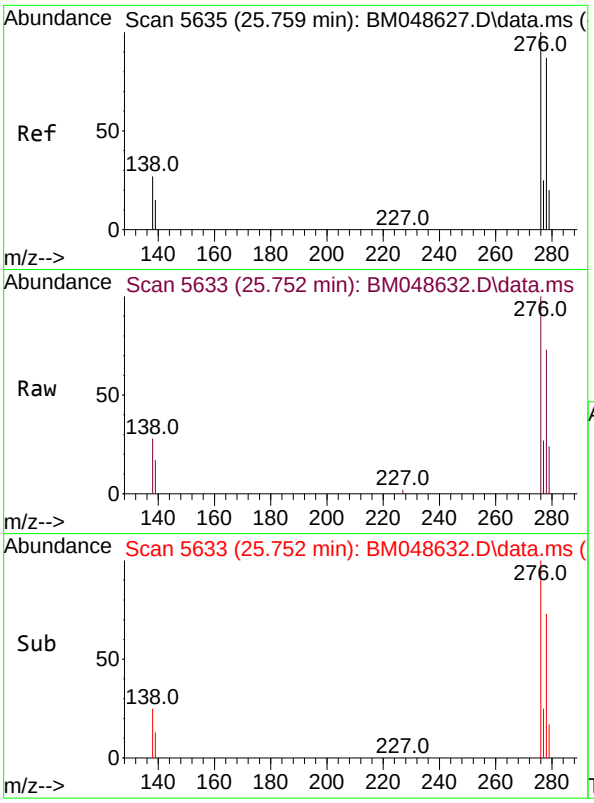


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 25.738 min Scan# 5629
Delta R.T. -0.000 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:276 Resp: 20651

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.1	30.1
227	0.1	0.1	0.1#



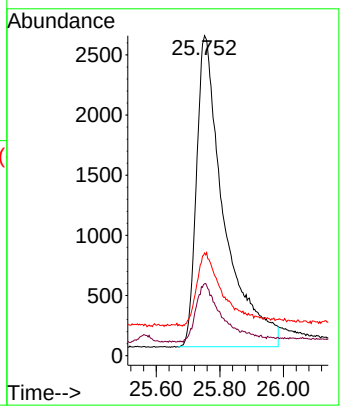


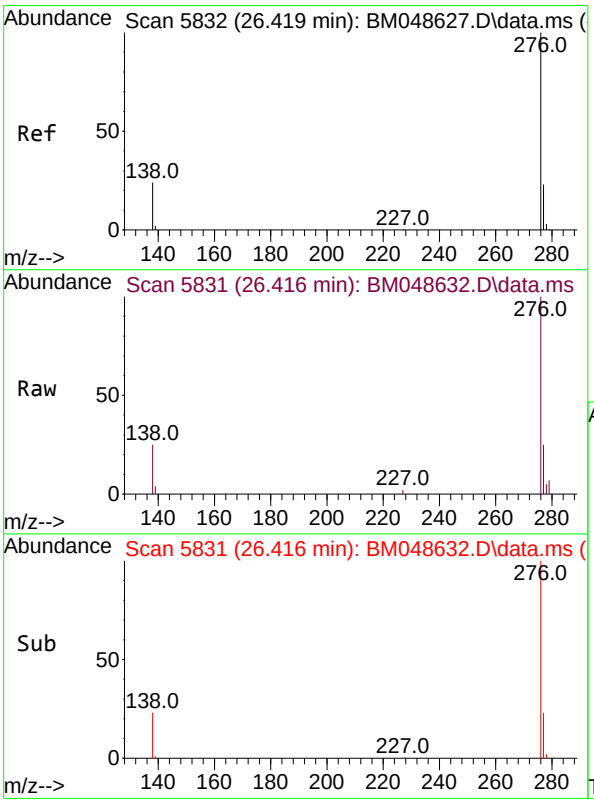
#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.752 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Instrument :
BNA_M
ClientSampleId :
GCPB5MS

Tgt Ion:278 Resp: 15549

Ion	Ratio	Lower	Upper
278	100		
139	22.5	17.8	26.8
279	32.1	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.416 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BM048632.D
Acq: 13 Nov 2024 13:46

Tgt Ion:276 Resp: 17985

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.0	31.6
277	25.3	20.5	30.7