Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048635.D
Acq On : 13 Nov 2024 15:34
Operator : RC/JU
Sample : P4802-14MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Quant Time: Nov 13 17:19:40 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	7.708	152	3835	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.464	136	12991	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.312	164	7581	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.065	188	15014	0.400	ng/ul	-0.02
17) Chrysene-d12	21.251	240	13111	0.400	ng/ul	-0.01
23) Perylene-d12	23.475	264	13272	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	1110	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	5128	0.305	ng/ul	-0.03
18) Fluoranthene-d10	19.095	212	14085	0.383	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.160	88	3636	0.684	ng/ul#	75
5) Naphthalene	10.513	128	11273	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.141	142	7025	0.343	ng/ul	95
8) 1-Methylnaphthalene	12.350	142	7143	0.341	ng/ul	100
10) Acenaphthylene	14.039	152	9918	0.344	ng/ul	100
11) Acenaphthene	14.377	153	8040	0.349	ng/ul	99
12) Fluorene	15.376	166	9286	0.371	ng/ul	99
14) Pentachlorophenol	16.727	266	3654	0.663	ng/ul	100
15) Phenanthrene	17.107	178	15175	0.385	ng/ul	99
16) Anthracene	17.204	178	13929	0.379	ng/ul	99
19) Fluoranthene	19.128	202	19801	0.408	ng/ul	97
20) Pyrene	19.490	202	20736	0.394	ng/ul	99
21) Benzo(a)anthracene	21.239	228	14968	0.349	ng/ul	100
22) Chrysene	21.289	228	21927	0.426	ng/ul	99
24) Benzo(b)fluoranthene	22.808	252	17779	0.430	ng/ul	94
25) Benzo(k)fluoranthene	22.849	252	20979	0.433	ng/ul	94
26) Benzo(a)pyrene	23.384	252	16458	0.408	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.732	276	21605	0.383	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.745	278	16517	0.376	ng/ul	97
29) Benzo(g,h,i)perylene	26.413	276	18374	0.388	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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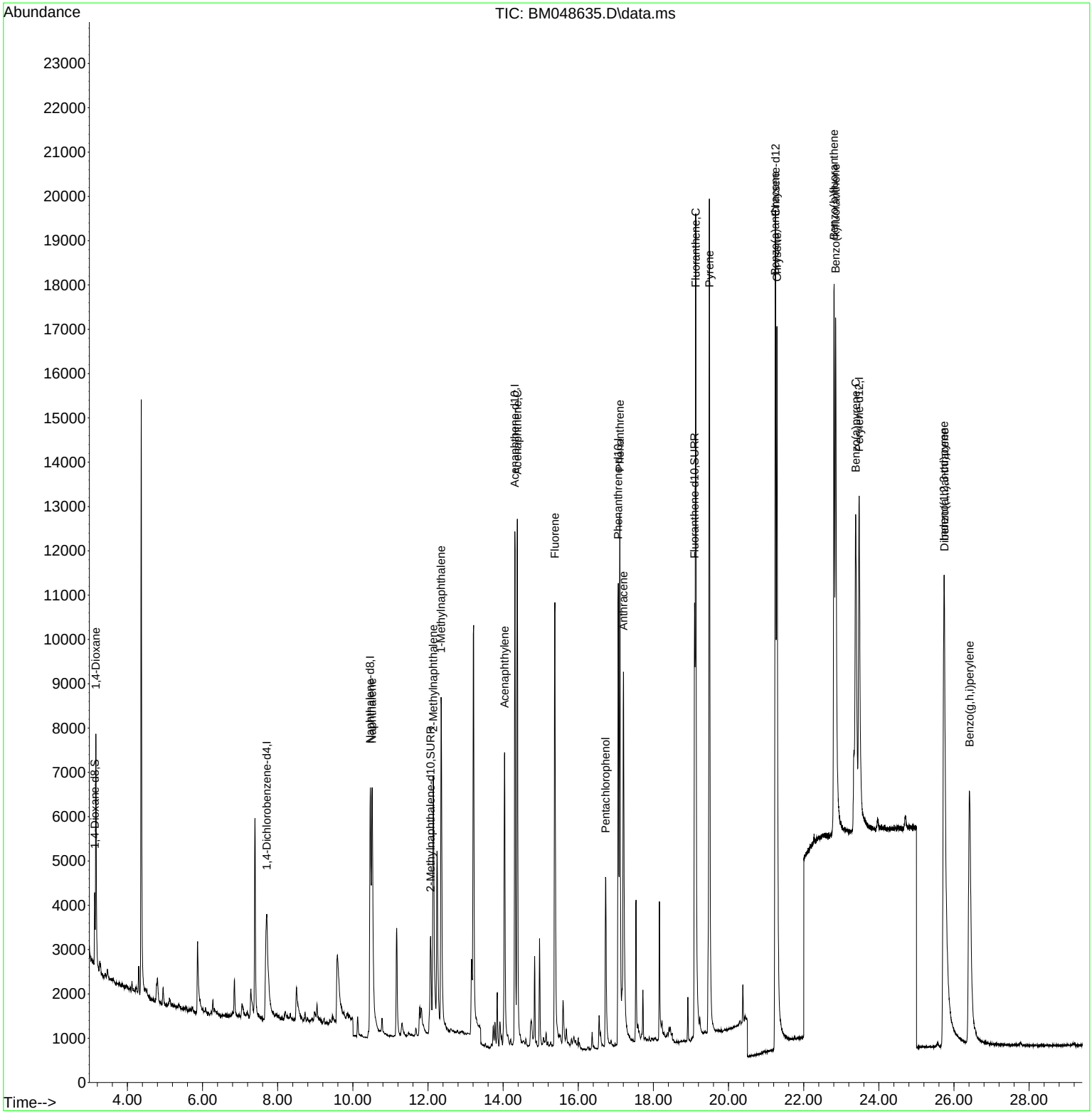
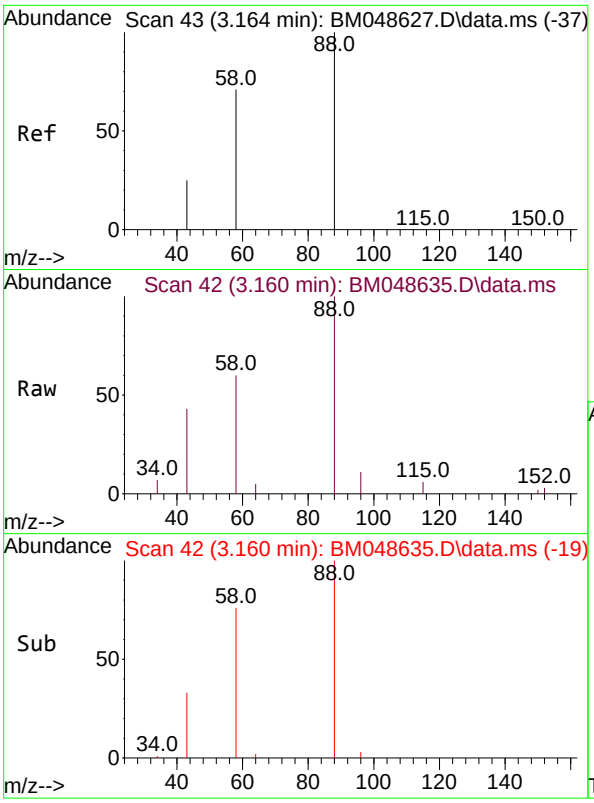
Quant Time: Nov 13 17:19:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration



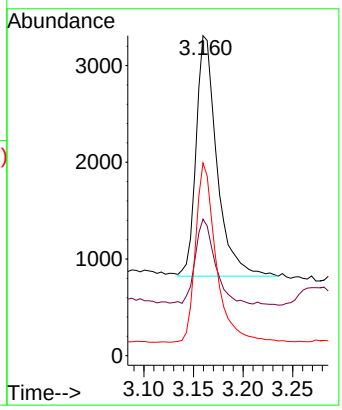


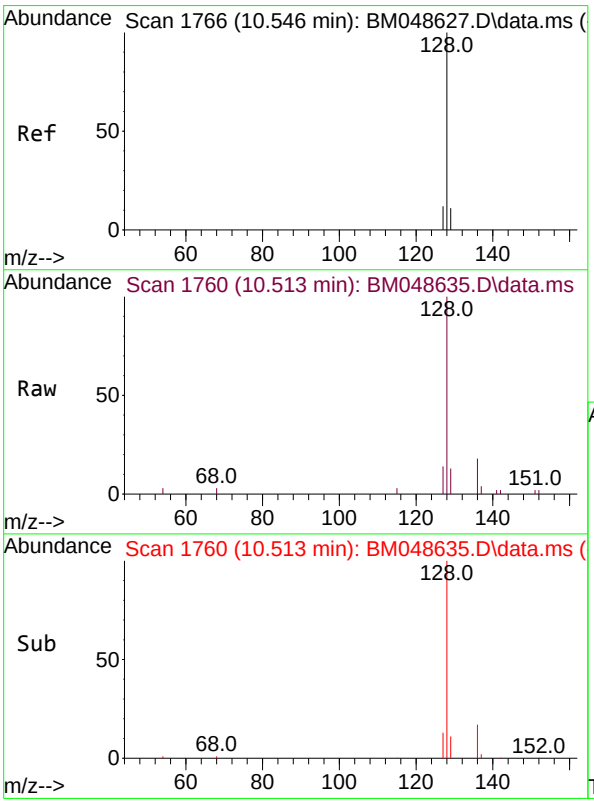
#2
1,4-Dioxane
Concen: 0.684 ng/ul
RT: 3.160 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion: 88 Resp: 3636

Ion	Ratio	Lower	Upper
88	100		
43	42.7	60.2	90.4#
58	60.3	44.2	66.2

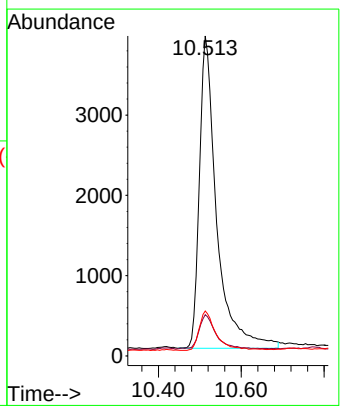


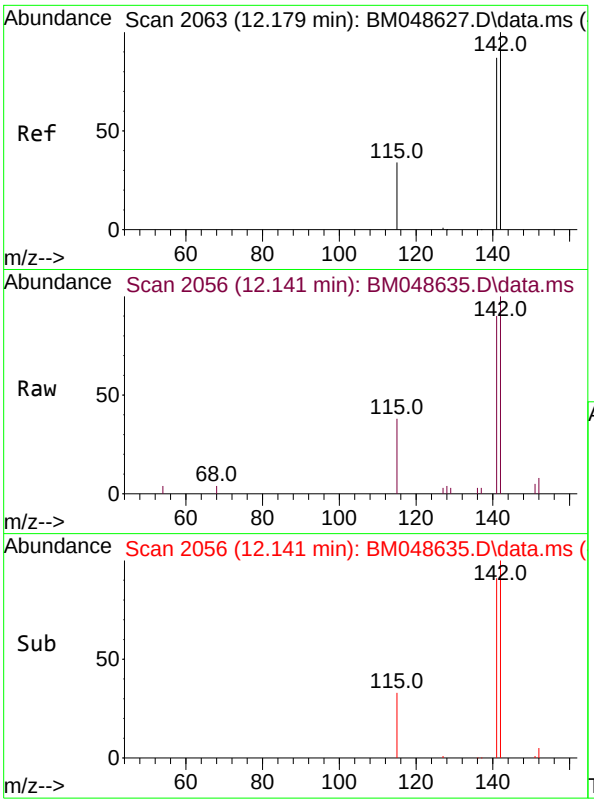


#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.513 min Scan# 1760
Delta R.T. -0.033 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:128 Resp: 11273

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.0	15.0
127	14.0	10.9	16.3



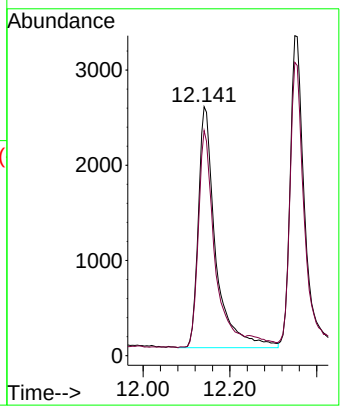


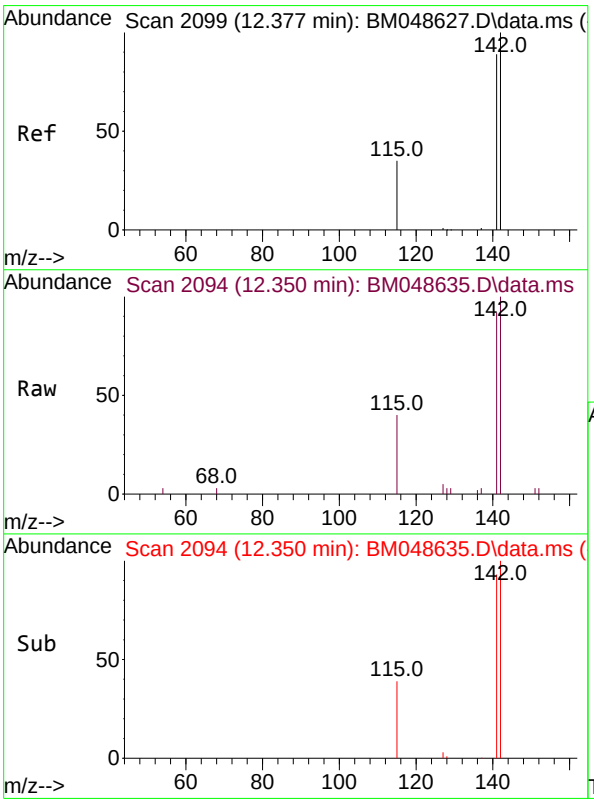
#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.141 min Scan# 2
Delta R.T. -0.039 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:142 Resp: 7025

Ion	Ratio	Lower	Upper
142	100		
141	90.4	68.6	103.0

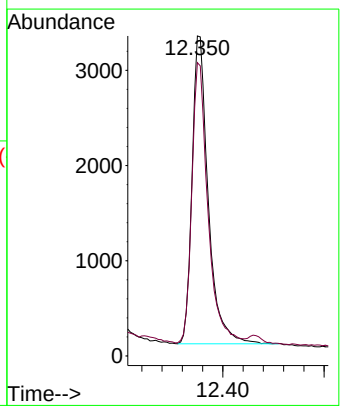


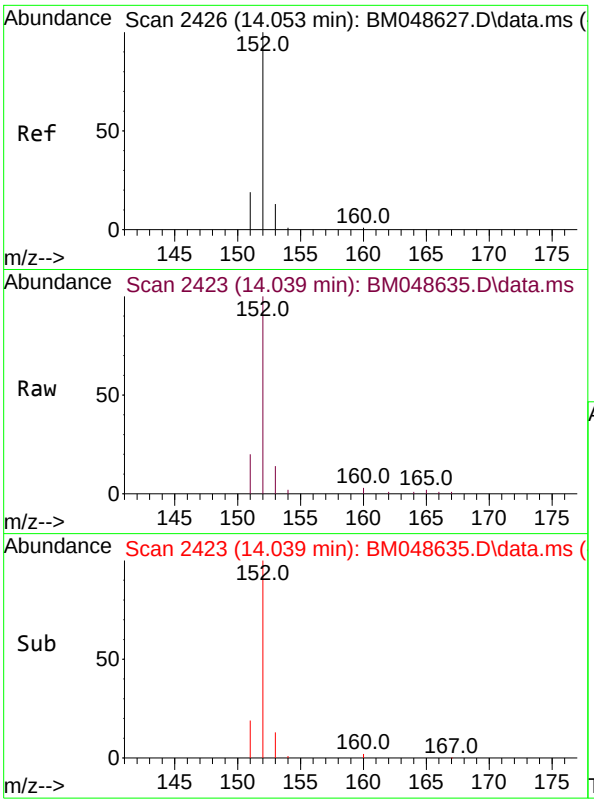


#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. -0.028 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:142 Resp: 7143

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.8	109.2



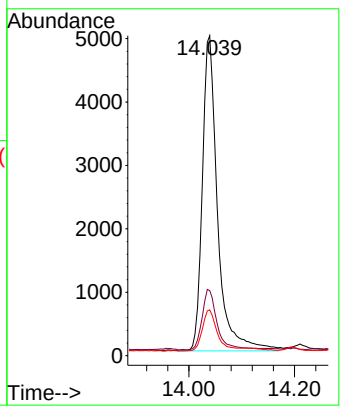


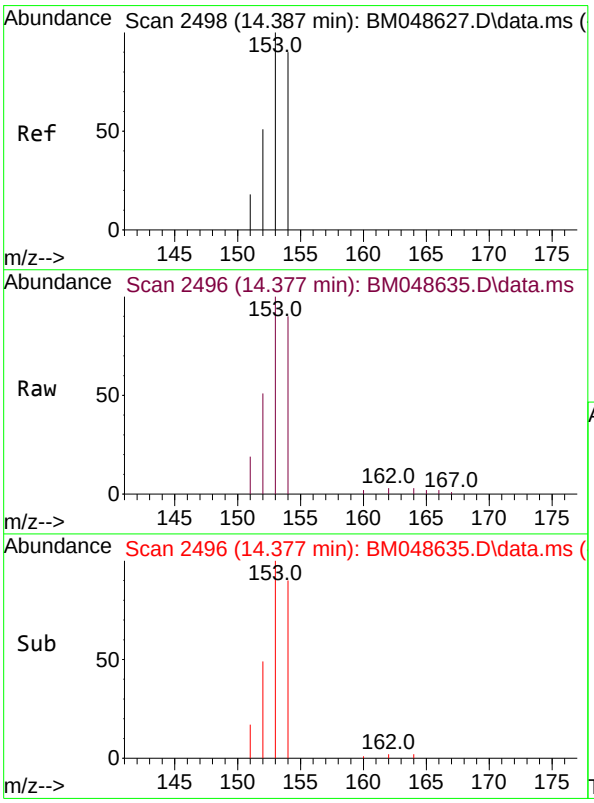
#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.039 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:152 Resp: 9918

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	14.3	11.6	17.4

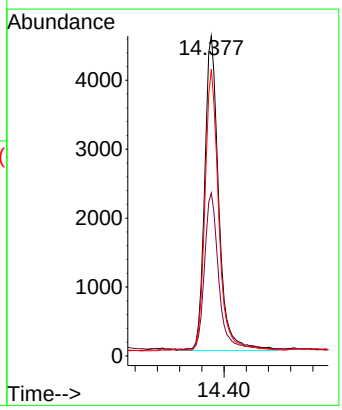


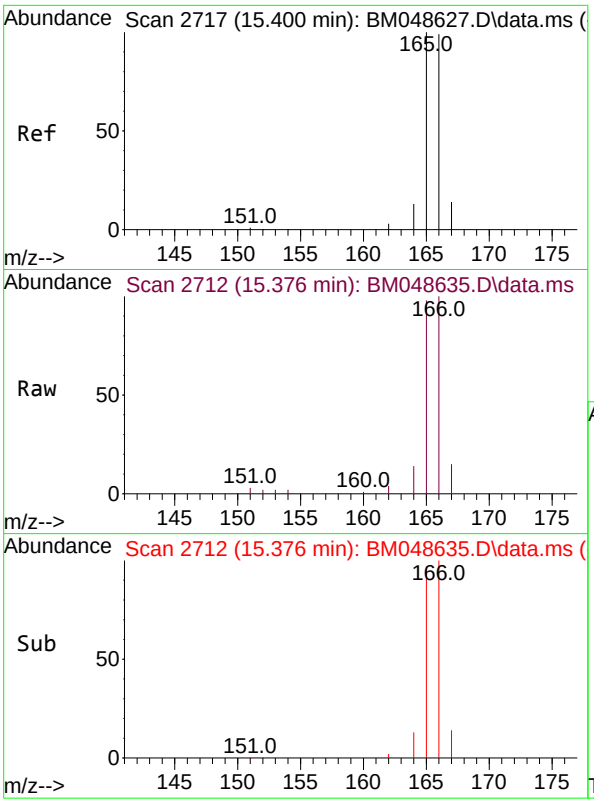


#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.377 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:153 Resp: 8040

Ion	Ratio	Lower	Upper
153	100		
152	51.0	41.1	61.7
154	89.7	70.3	105.5



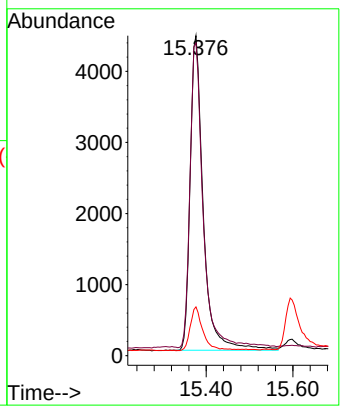


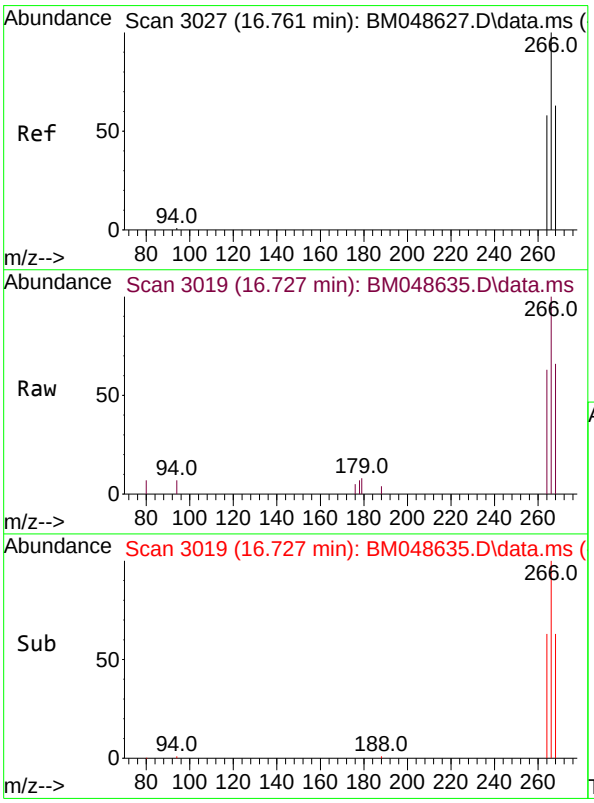
#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.376 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:166 Resp: 9286

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.7	118.1
167	15.2	12.6	18.8

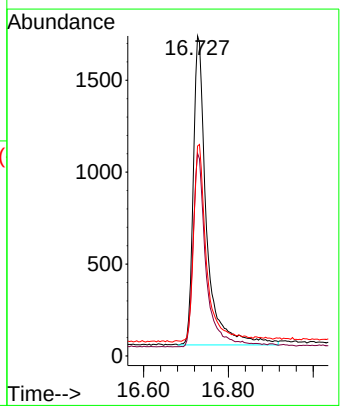


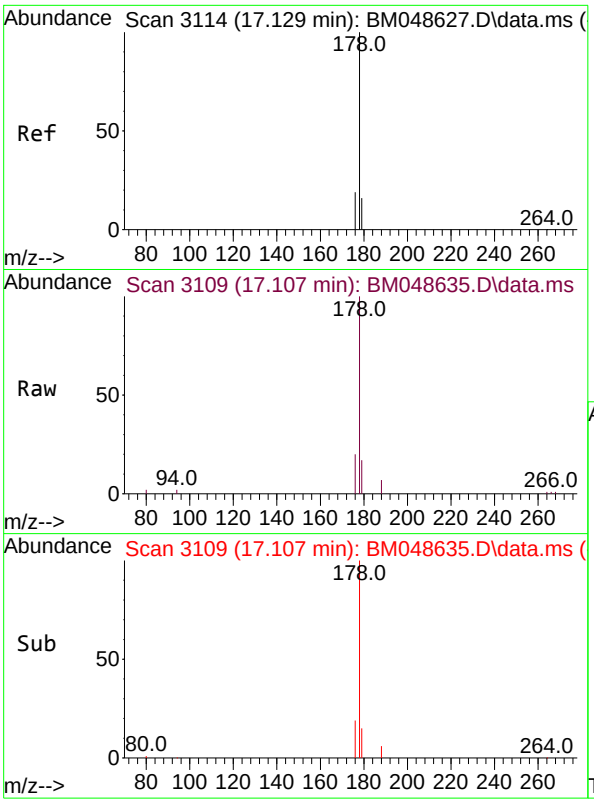


#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 16.727 min Scan# 3019
Delta R.T. -0.034 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:266 Resp: 3654

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.6	74.4
268	62.0	49.4	74.0



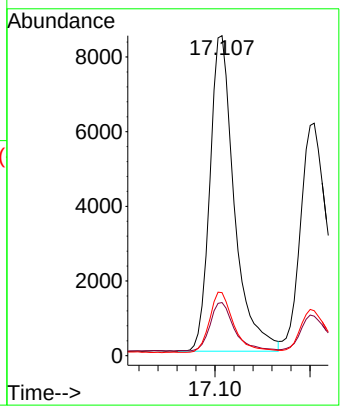


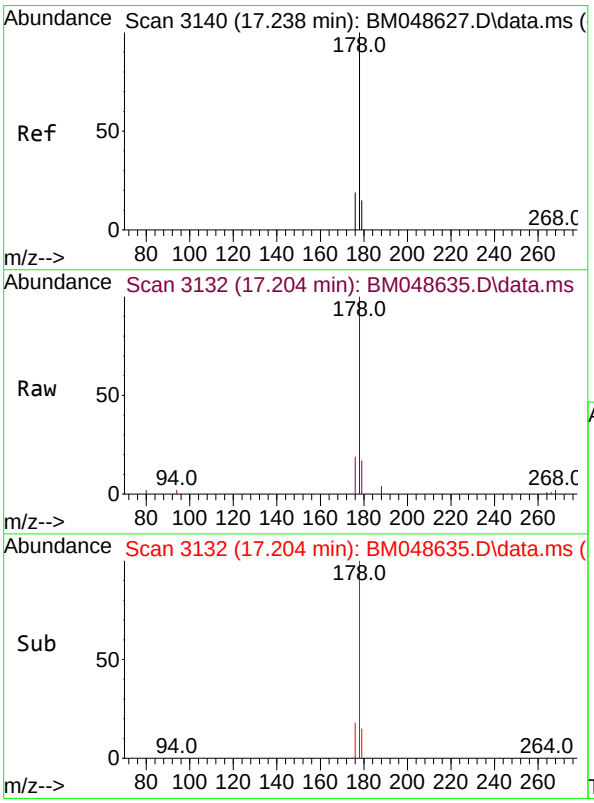
#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.107 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:178 Resp: 15175

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.0
176	19.7	16.2	24.2

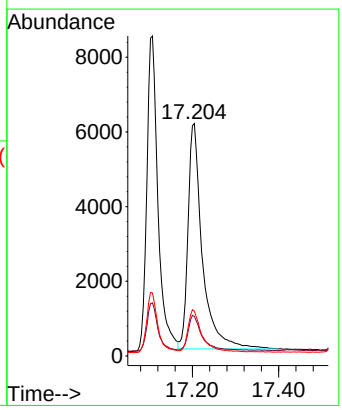


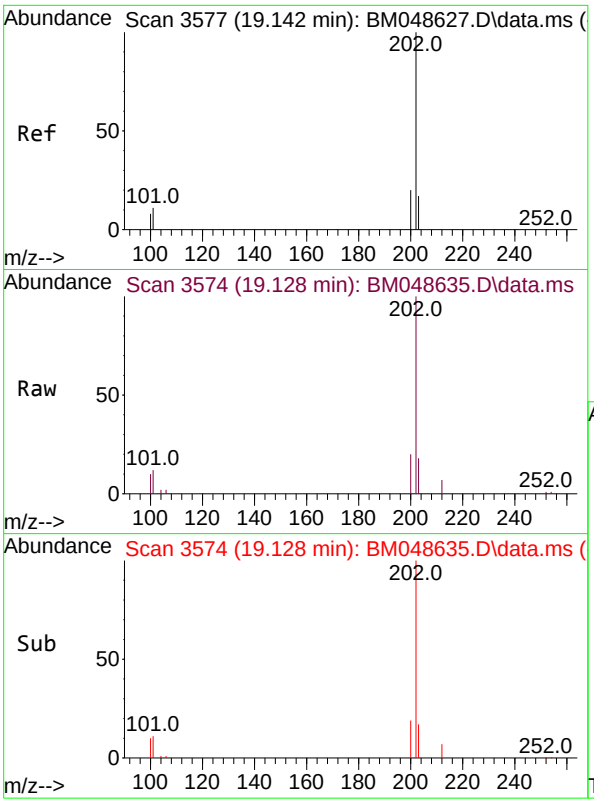


#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.204 min Scan# 3132
Delta R.T. -0.034 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:178 Resp: 13929

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.7	20.5
176	19.3	15.9	23.9



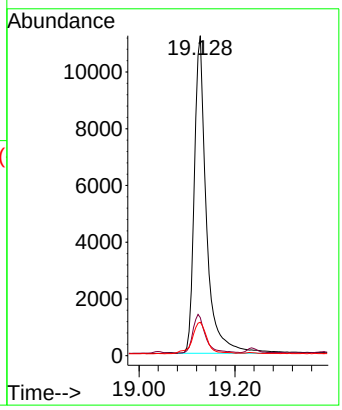


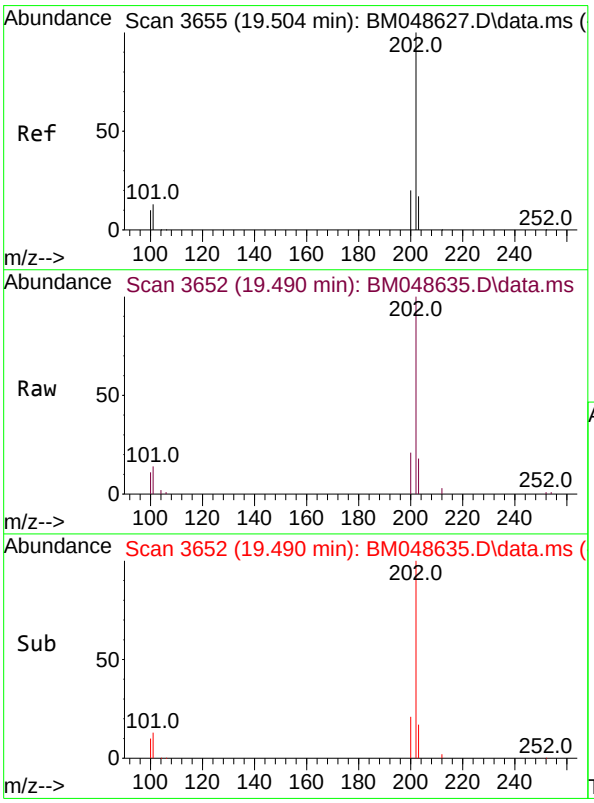
#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.128 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:202 Resp: 19801

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.2	15.4
100	10.5	7.3	10.9

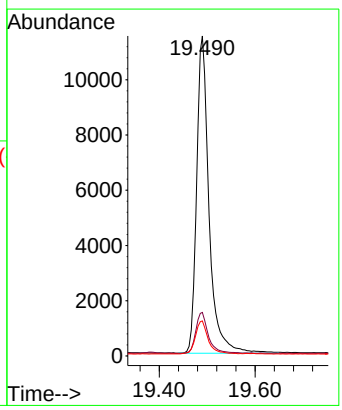


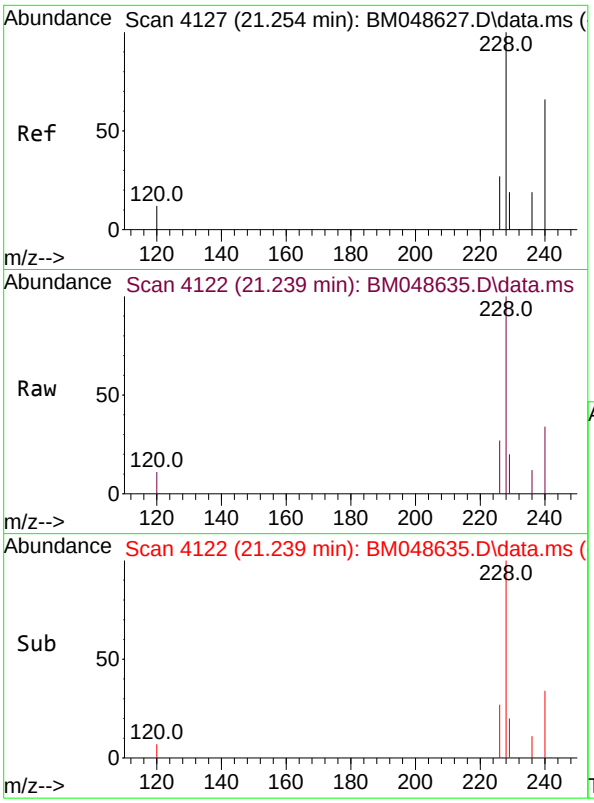


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.490 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:202 Resp: 20736

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.2
100	10.9	8.5	12.7





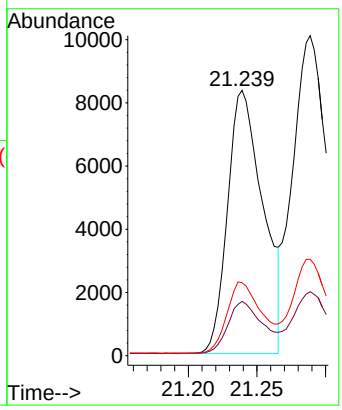
#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.239 min Scan# 4

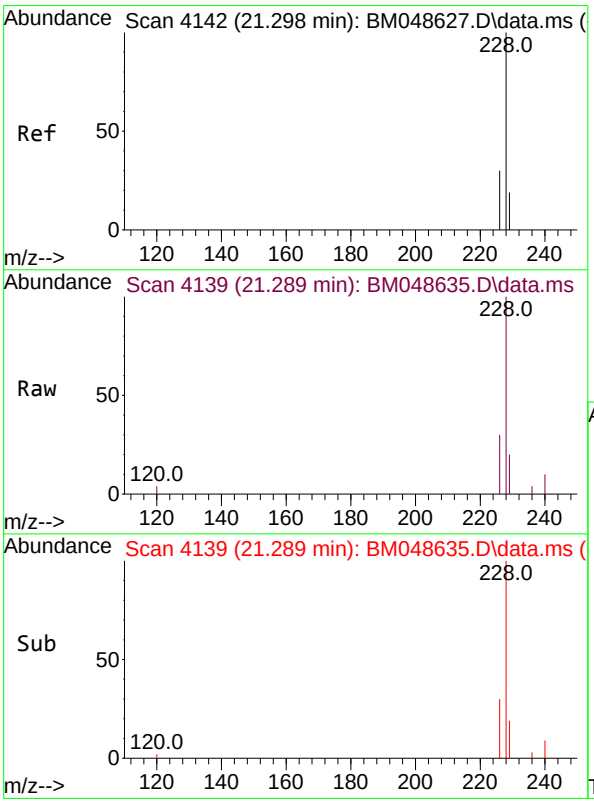
Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Delta R.T. -0.015 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:228 Resp: 14968

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.2
226	27.5	22.1	33.1

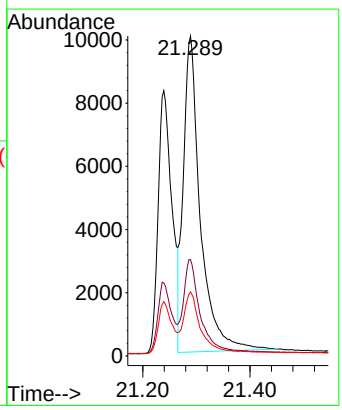


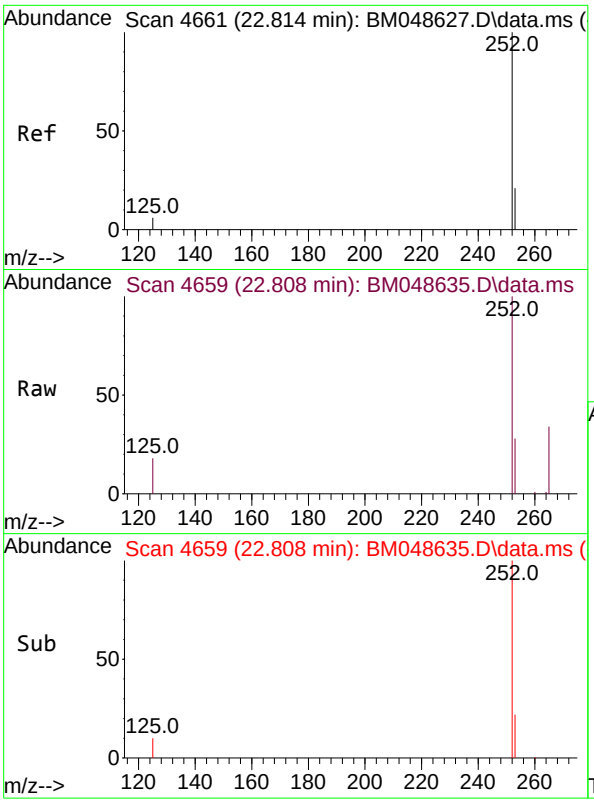


#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. -0.009 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:228 Resp: 21927

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	20.0	16.5	24.7



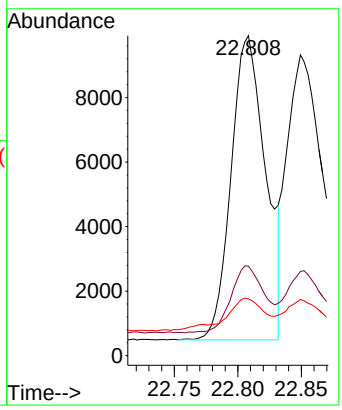


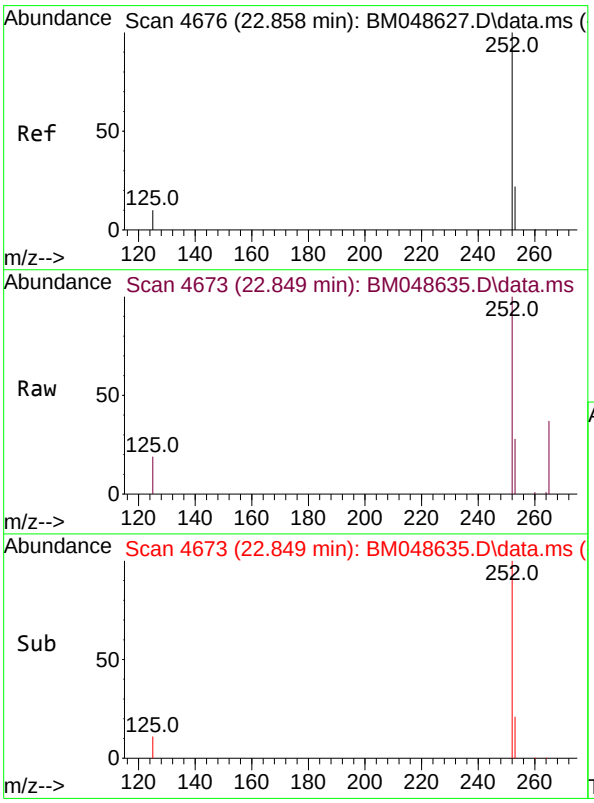
#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.808 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:252 Resp: 17779

Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	61.6
125	17.7	0.0	43.2

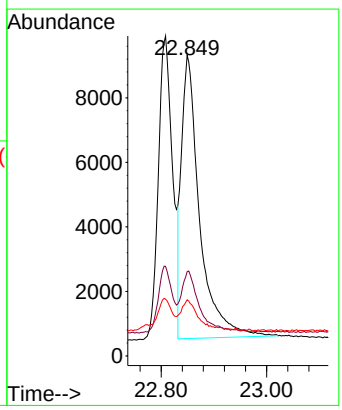


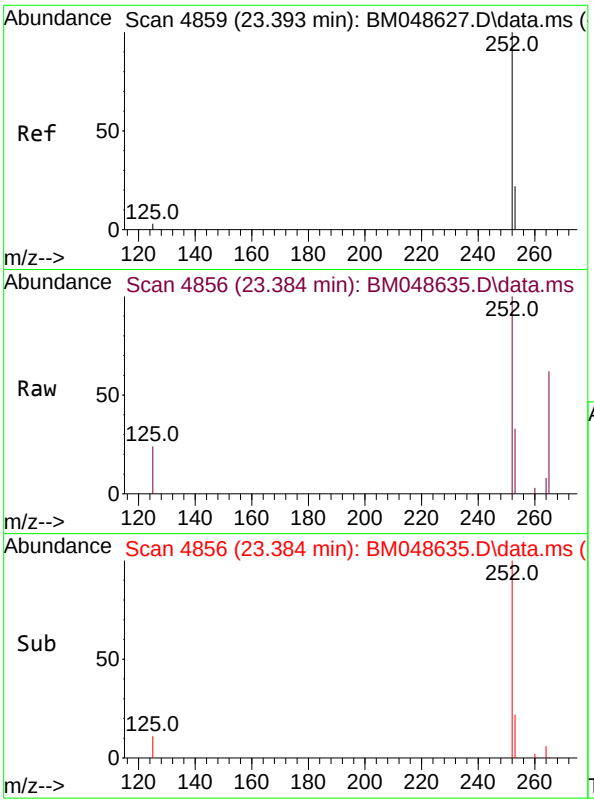


#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 22.849 min Scan# 4673
Delta R.T. -0.009 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:252 Resp: 20979

Ion	Ratio	Lower	Upper
252	100		
253	28.0	25.0	37.4
125	18.7	17.4	26.0



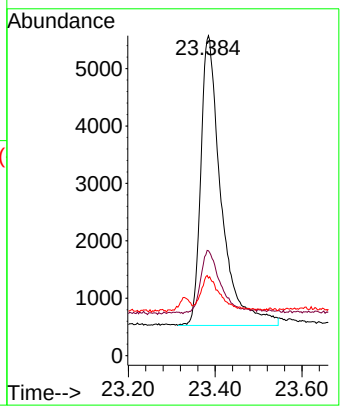


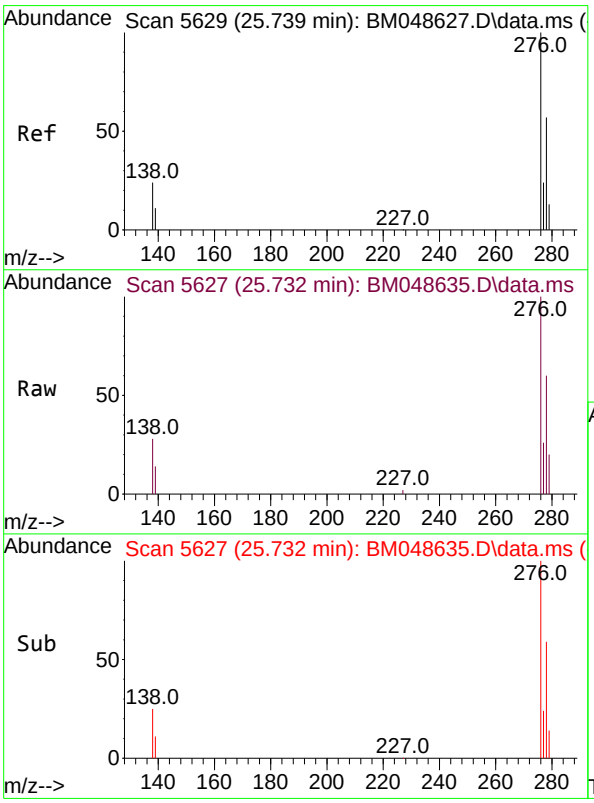
#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.384 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:252 Resp: 16458

Ion	Ratio	Lower	Upper
252	100		
253	32.8	29.6	44.4
125	24.3	23.9	35.9

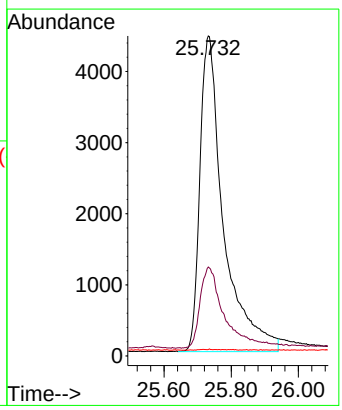


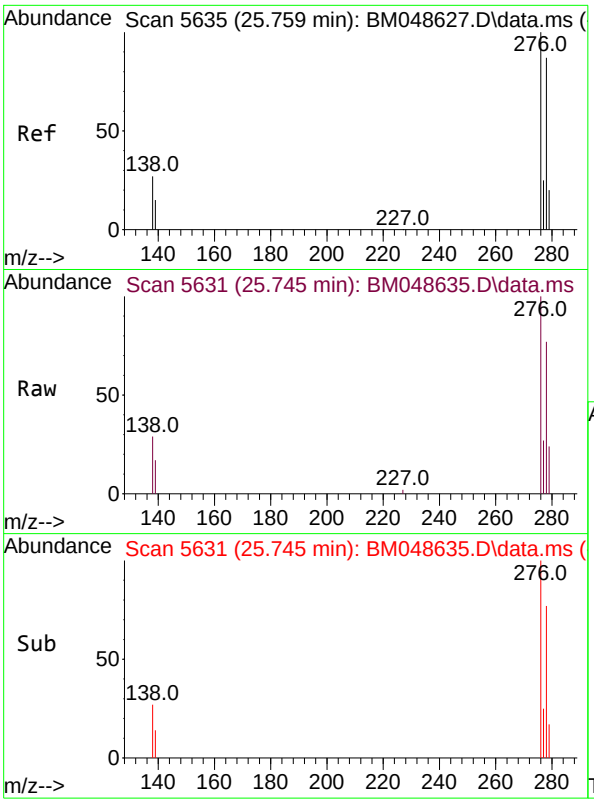


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 25.732 min Scan# 5627
Delta R.T. -0.007 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:276 Resp: 21605

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.1	30.1
227	0.0	0.1	0.1#



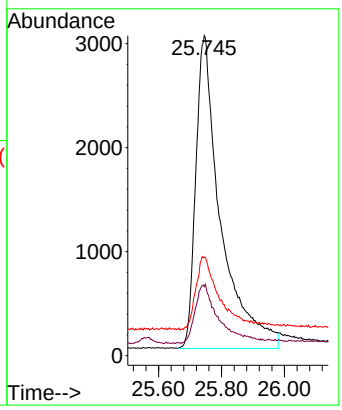


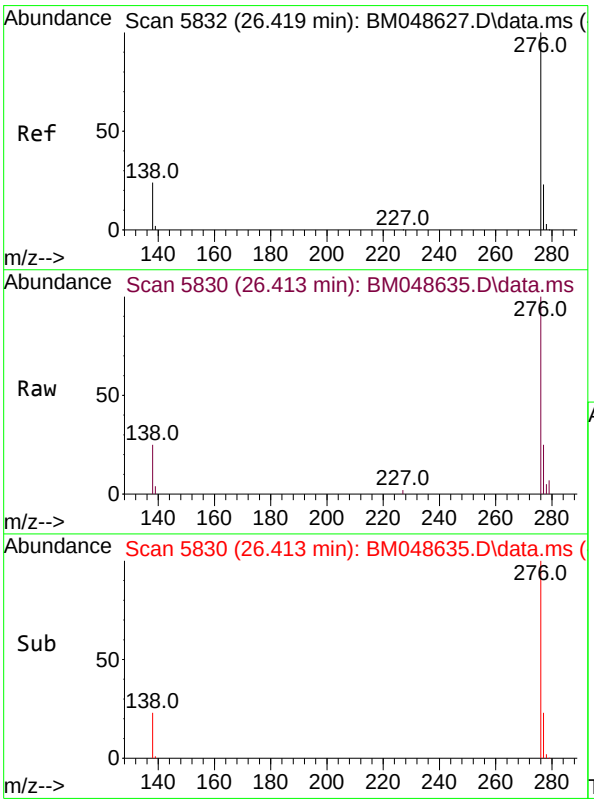
#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 25.745 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Instrument :
BNA_M
ClientSampleId :
GCPD5MS

Tgt Ion:278 Resp: 16517

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.8	26.8
279	30.8	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 26.413 min Scan# 5830
Delta R.T. -0.007 min
Lab File: BM048635.D
Acq: 13 Nov 2024 15:34

Tgt Ion:276 Resp: 18374

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.0	31.6
277	25.4	20.5	30.7