Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
Data File : BM048801.D
Acq On : 19 Nov 2024 19:49
Operator : RC/JU
Sample : SSTD0.112
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Quant Time: Nov 19 23:33:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 22:23:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	6465	0.400	ng/ul	0.00
4) Naphthalene-d8	10.403	136	19958	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.271	164	11077	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	21695	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	13829	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	16186	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	923	0.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	2712	0.105	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	4766	0.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	1114	0.124	ng/ul#	1
5) Naphthalene	10.453	128	5332	0.107	ng/ul#	78
7) 2-Methylnaphthalene	12.075	142	3517	0.112	ng/ul	97
8) 1-Methylnaphthalene	12.295	142	3614	0.112	ng/ul	99
10) Acenaphthylene	13.988	152	5457	0.130	ng/ul#	91
11) Acenaphthene	14.331	153	3743	0.111	ng/ul	95
12) Fluorene	15.325	166	4172	0.114	ng/ul#	97
14) Pentachlorophenol	16.668	266	471	0.059	ng/ul	97
15) Phenanthrene	17.061	178	6521	0.114	ng/ul#	94
16) Anthracene	17.154	178	6475	0.122	ng/ul#	93
19) Fluoranthene	19.086	202	7341	0.143	ng/ul#	91
20) Pyrene	19.444	202	7821	0.141	ng/ul#	89
21) Benzo(a)anthracene	21.201	228	6897	0.152	ng/ul	96
22) Chrysene	21.254	228	6529	0.120	ng/ul	97
24) Benzo(b)fluoranthene	22.759	252	6940	0.138	ng/ul	80
25) Benzo(k)fluoranthene	22.805	252	7091	0.120	ng/ul#	82
26) Benzo(a)pyrene	23.320	252	6481	0.132	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.614	276	8759	0.127	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.645	278	6408	0.120	ng/ul#	77
29) Benzo(g,h,i)perylene	26.278	276	6957	0.121	ng/ul#	76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
Data File : BM048801.D
Acq On : 19 Nov 2024 19:49
Operator : RC/JU
Sample : SSTD0.112
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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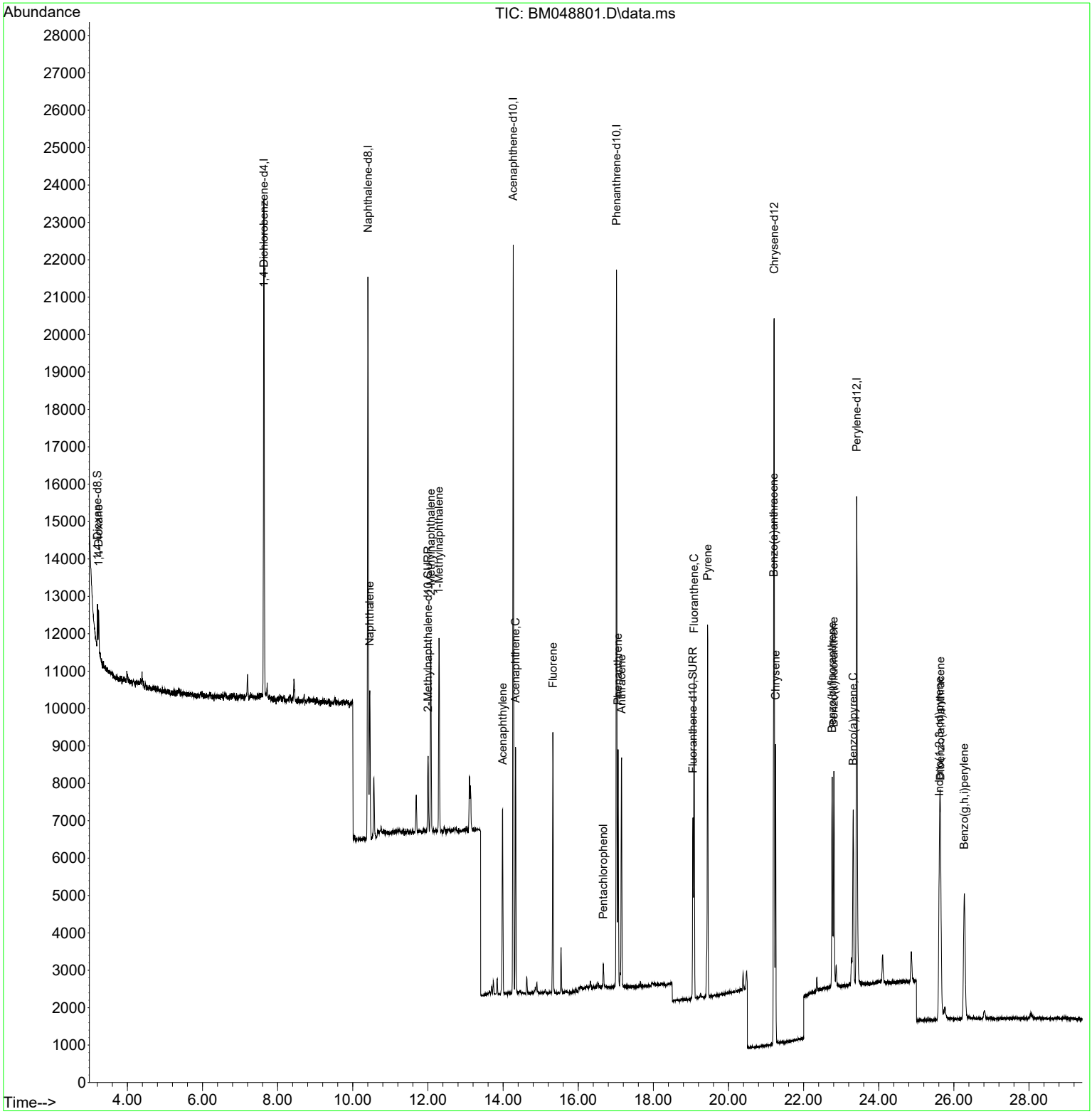
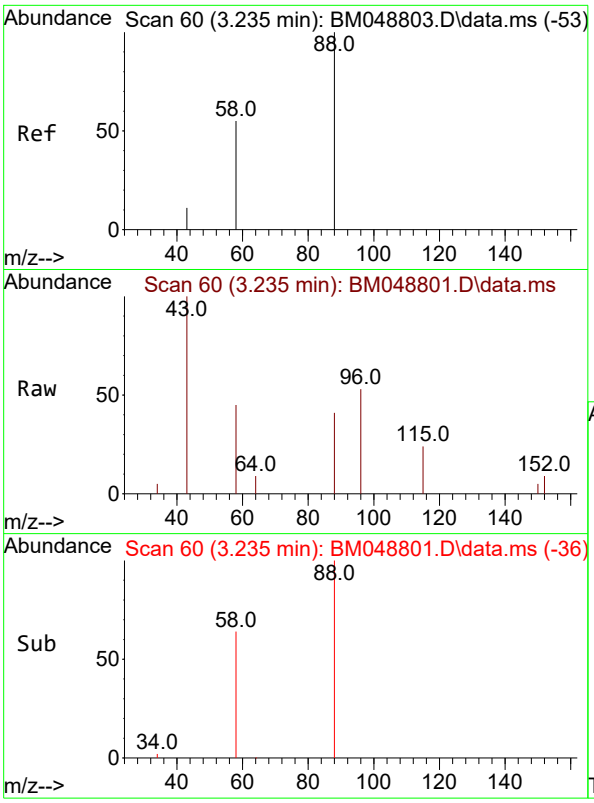
ClientSampleId :
SSTD0.1041

Quant Time: Nov 19 23:33:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 22:23:58 2024
Response via : Initial Calibration



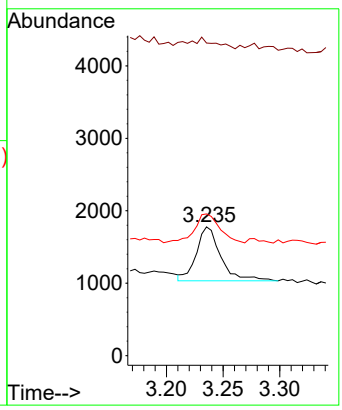


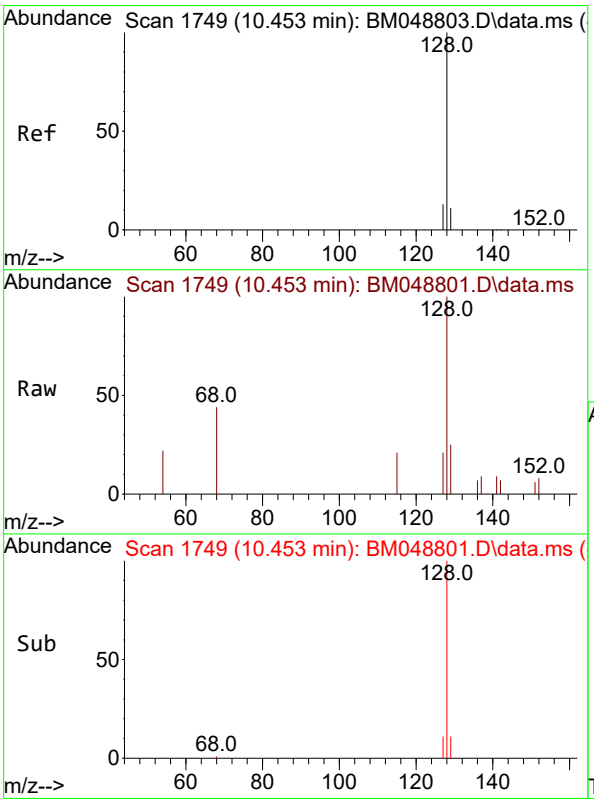
#2
1,4-Dioxane
Concen: 0.124 ng/ul
RT: 3.235 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion: 88 Resp: 1114

Ion	Ratio	Lower	Upper
88	100		
43	242.8	60.2	90.2#
58	110.1	53.6	80.4#

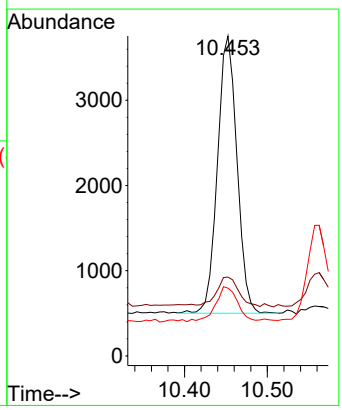


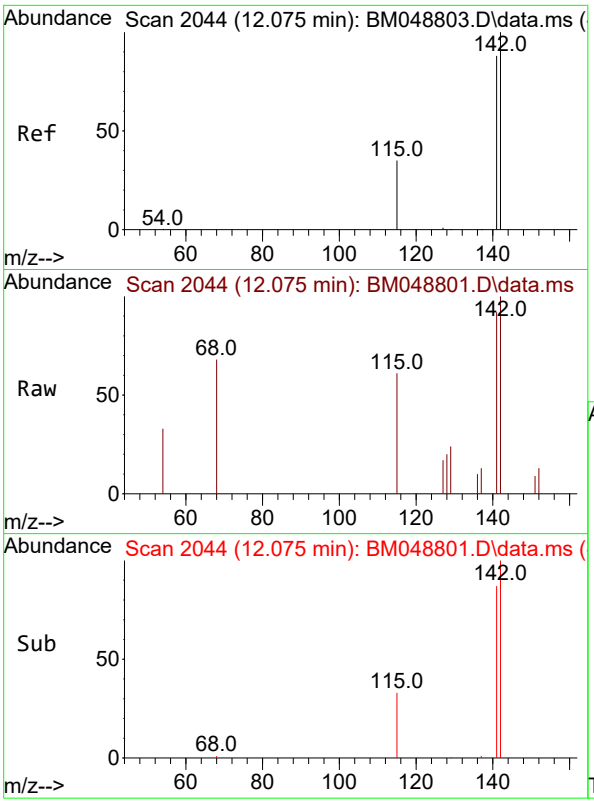


#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.453 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:128 Resp: 5332

Ion	Ratio	Lower	Upper
128	100		
129	24.7	10.9	16.3#
127	21.2	11.6	17.4#



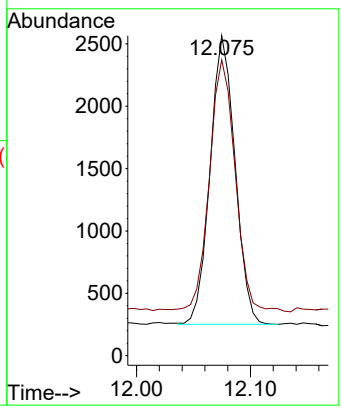


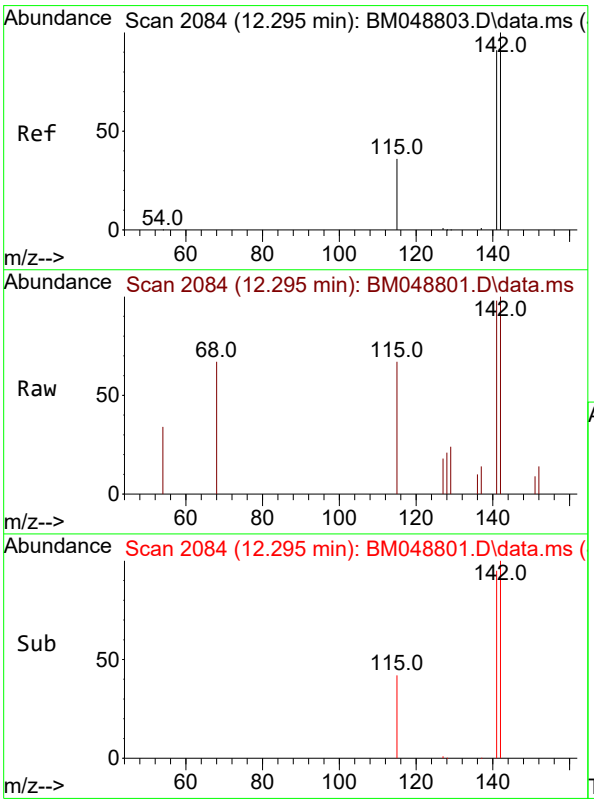
#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.075 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:142 Resp: 3517

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.7	106.1

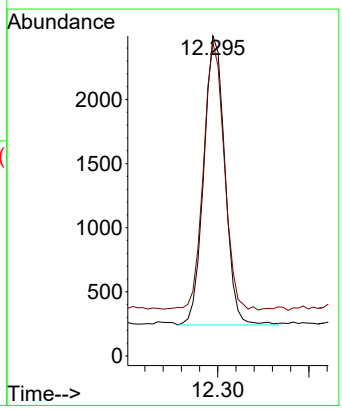


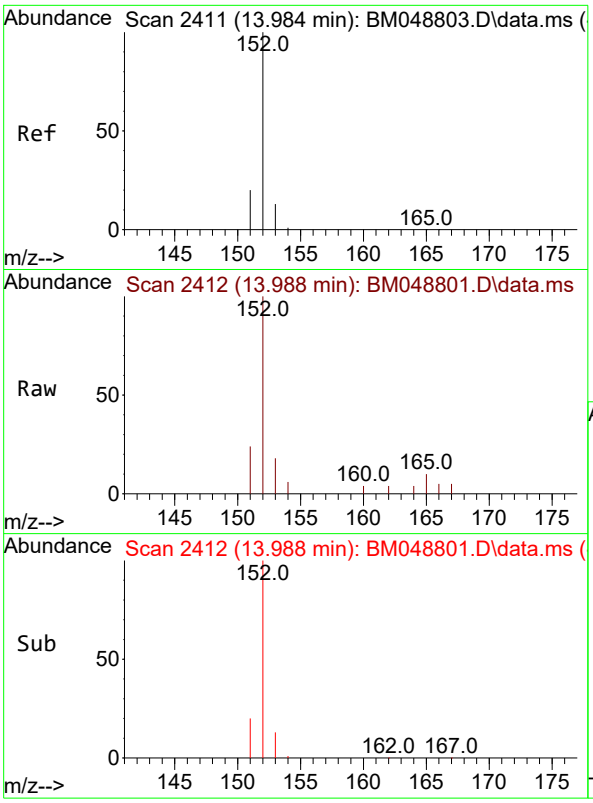


#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:142 Resp: 3614

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.5	108.7



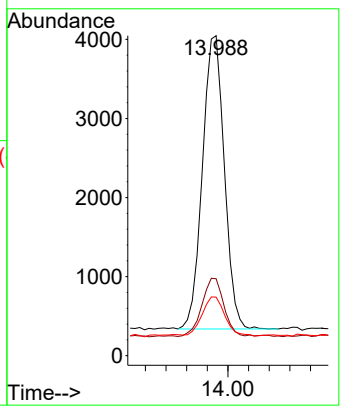


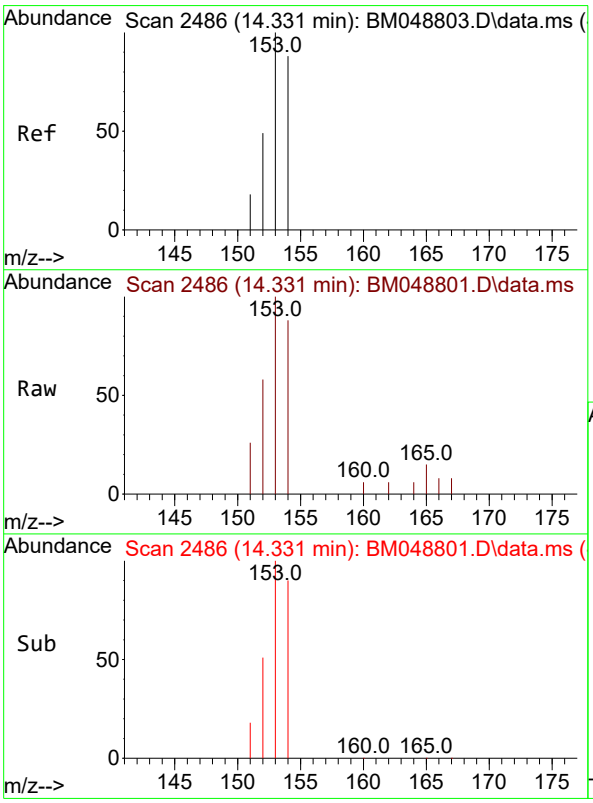
#10
Acenaphthylene
Concen: 0.130 ng/ul
RT: 13.988 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:152 Resp: 5457

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.5	24.7
153	18.3	11.1	16.7#

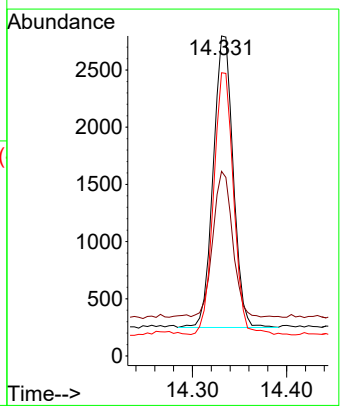


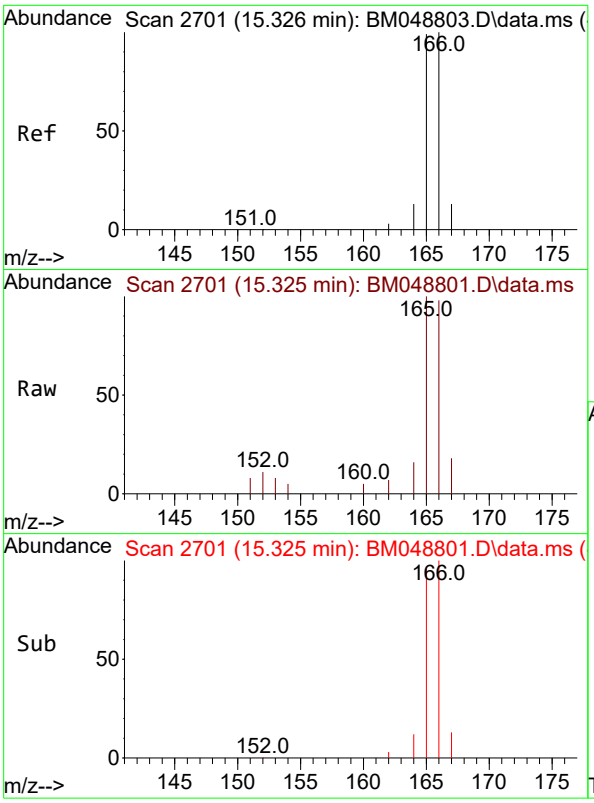


#11
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.331 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:153 Resp: 3743

Ion	Ratio	Lower	Upper
153	100		
152	57.7	40.0	60.0
154	88.5	70.2	105.4



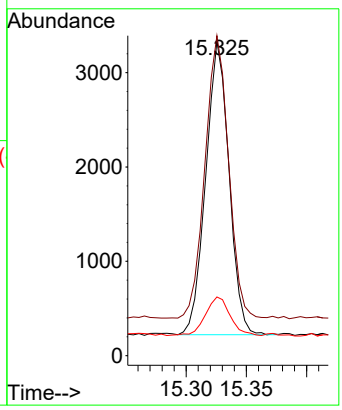


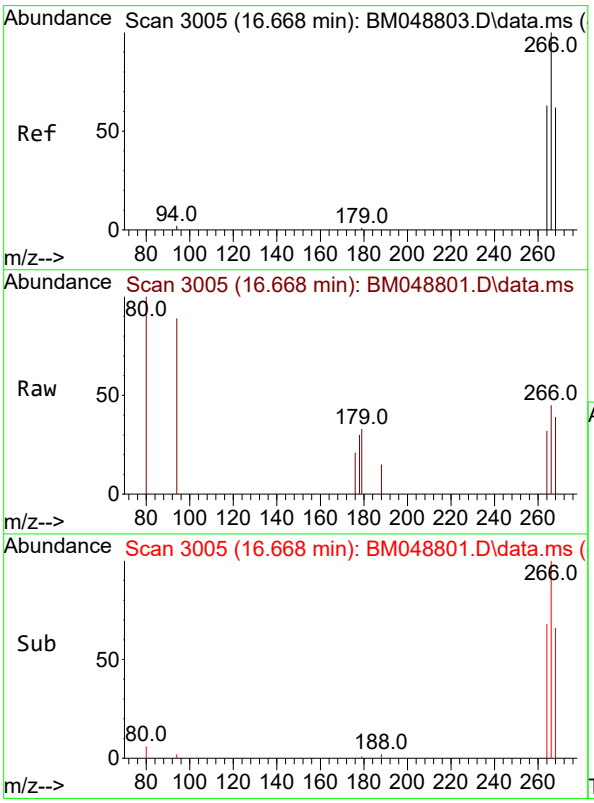
#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:166 Resp: 4172

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	18.7	11.5	17.3#

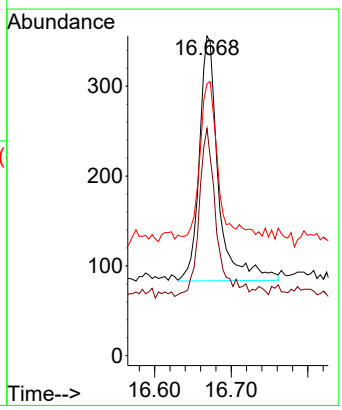


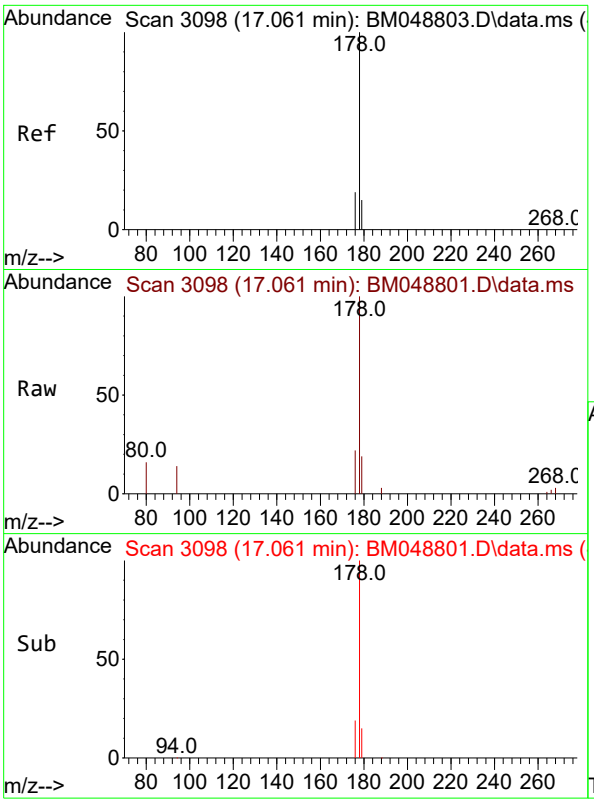


#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 16.668 min Scan# 3005
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:266 Resp: 471

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.7	76.1
268	60.5	52.0	78.0



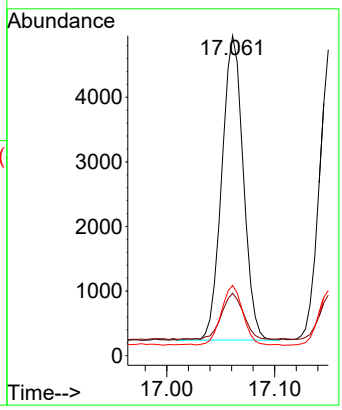


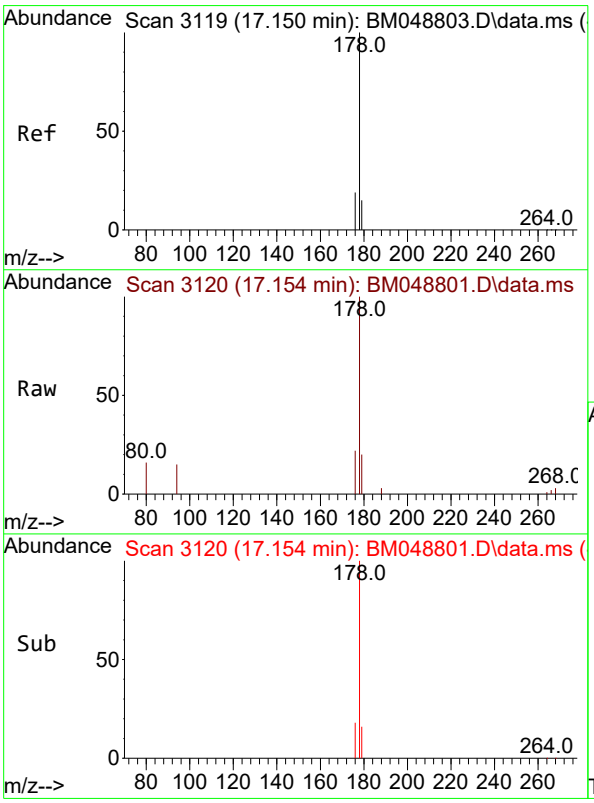
#15
Phenanthrene
Concen: 0.114 ng/ul
RT: 17.061 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:178 Resp: 6521

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.0	19.4#
176	21.9	15.8	23.8

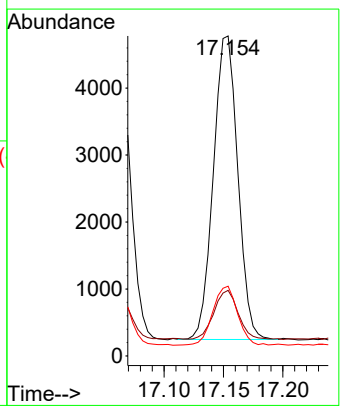


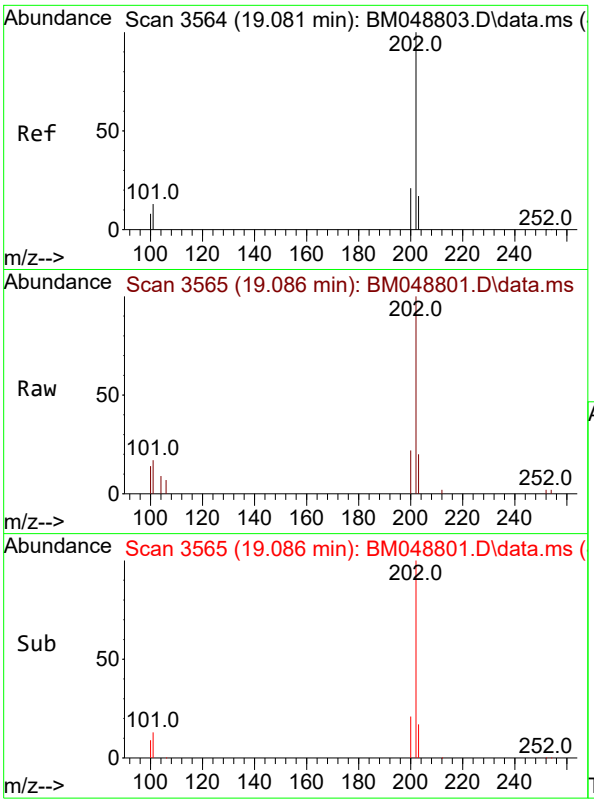


#16
Anthracene
Concen: 0.122 ng/ul
RT: 17.154 min Scan# 3120
Delta R.T. 0.004 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:178 Resp: 6475

Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.8	19.2#
176	21.8	15.8	23.8



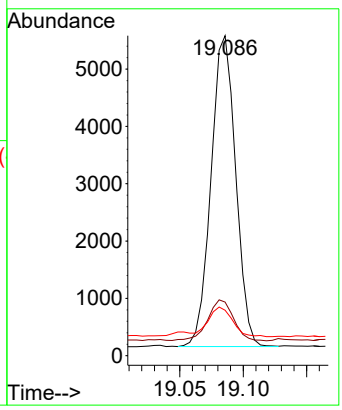


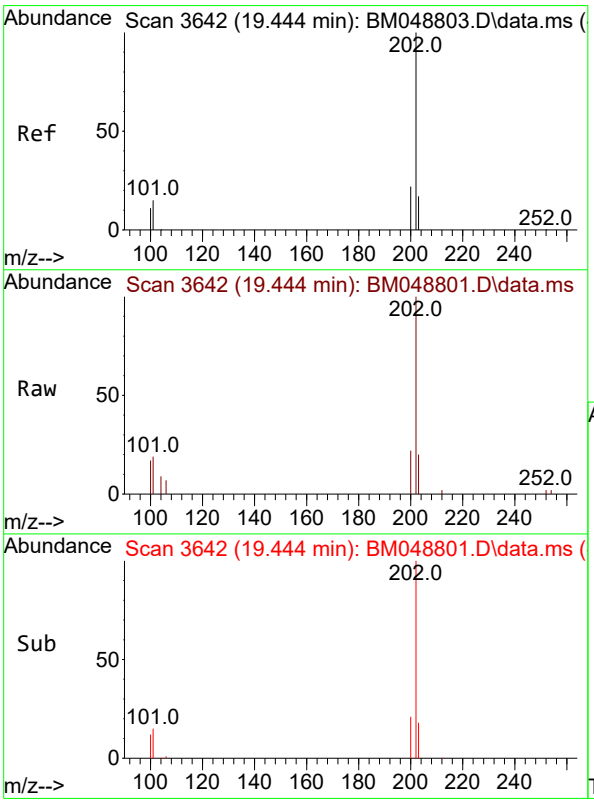
#19
Fluoranthene
Concen: 0.143 ng/ul
RT: 19.086 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:202 Resp: 7341

Ion	Ratio	Lower	Upper
202	100		
101	16.8	10.9	16.3#
100	14.2	8.1	12.1#

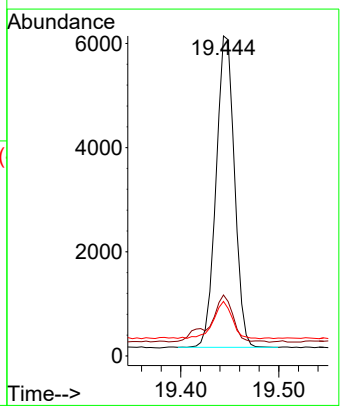


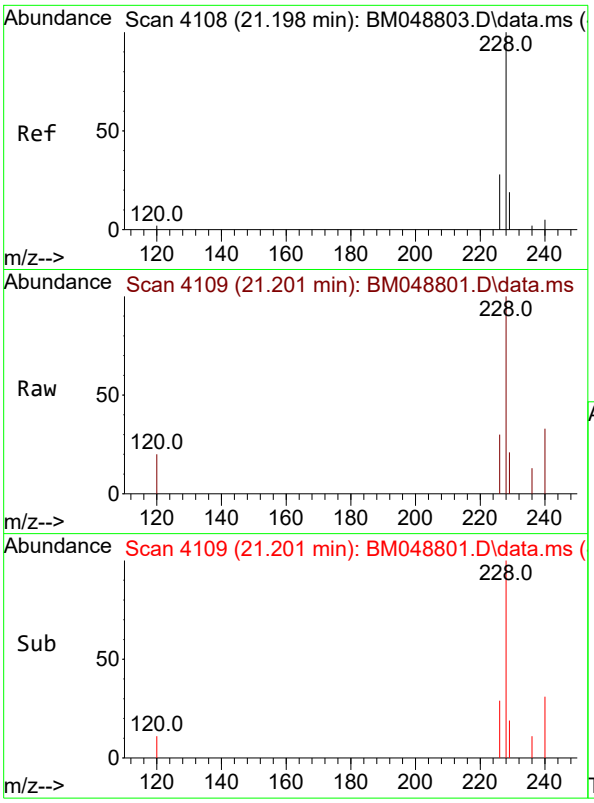


#20
Pyrene
Concen: 0.141 ng/ul
RT: 19.444 min Scan# 3642
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:202 Resp: 7821

Ion	Ratio	Lower	Upper
202	100		
101	19.1	12.3	18.5#
100	17.0	9.5	14.3#





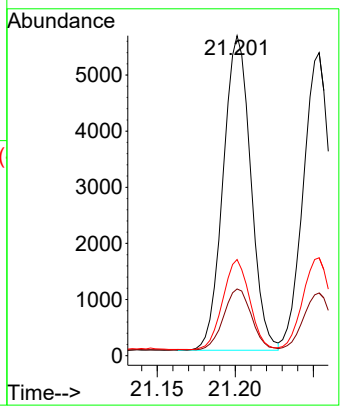
#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.201 min Scan# 4

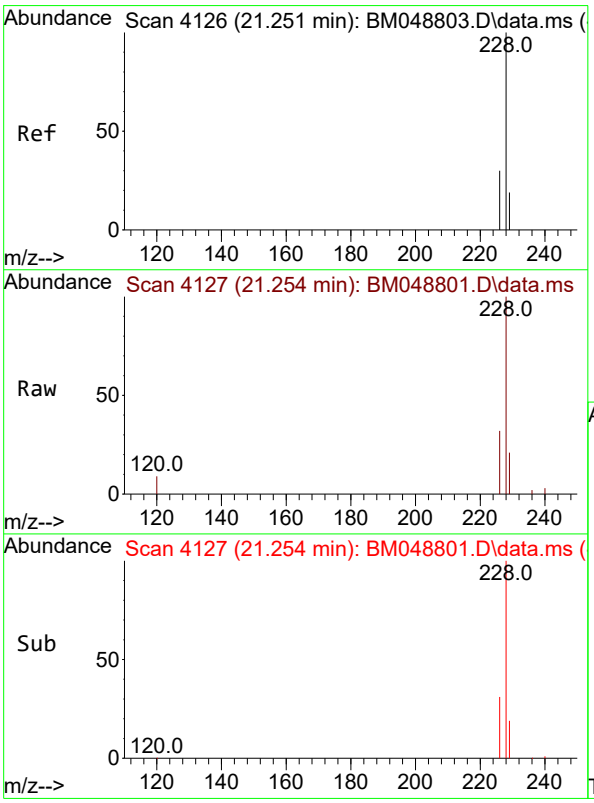
Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Delta R.T. 0.003 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:228 Resp: 6897

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.2	22.8
226	30.1	22.5	33.7

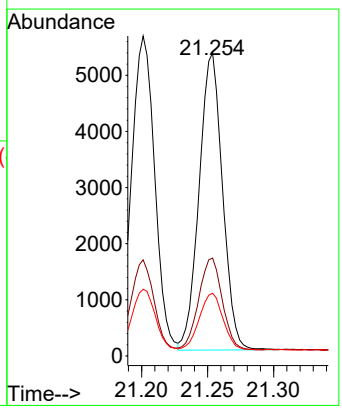


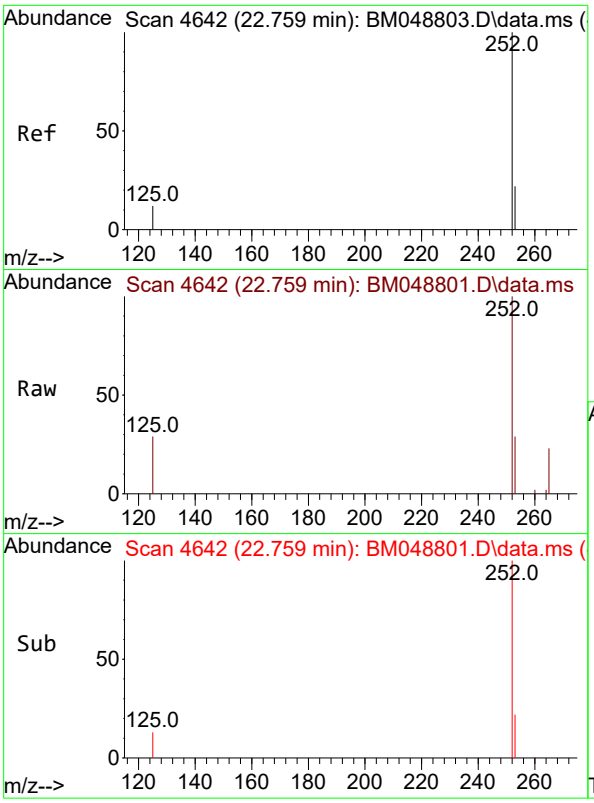


#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.254 min Scan# 4127
Delta R.T. 0.003 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:228 Resp: 6529

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.4
229	20.7	15.6	23.4



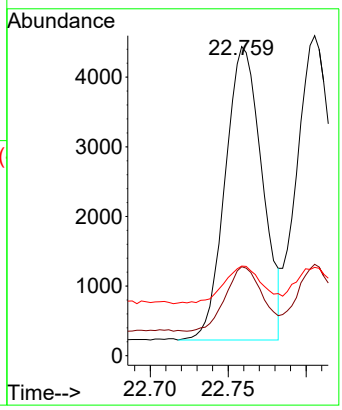


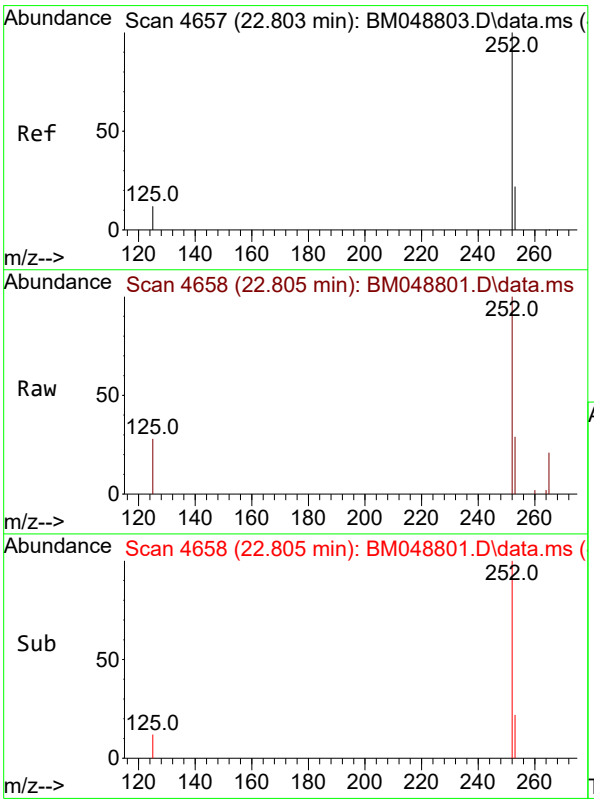
#24
Benzo(b)fluoranthene
Concen: 0.138 ng/ul
RT: 22.759 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:252 Resp: 6940

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	46.4
125	29.0	0.0	29.8

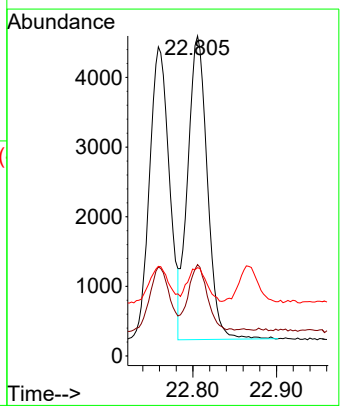


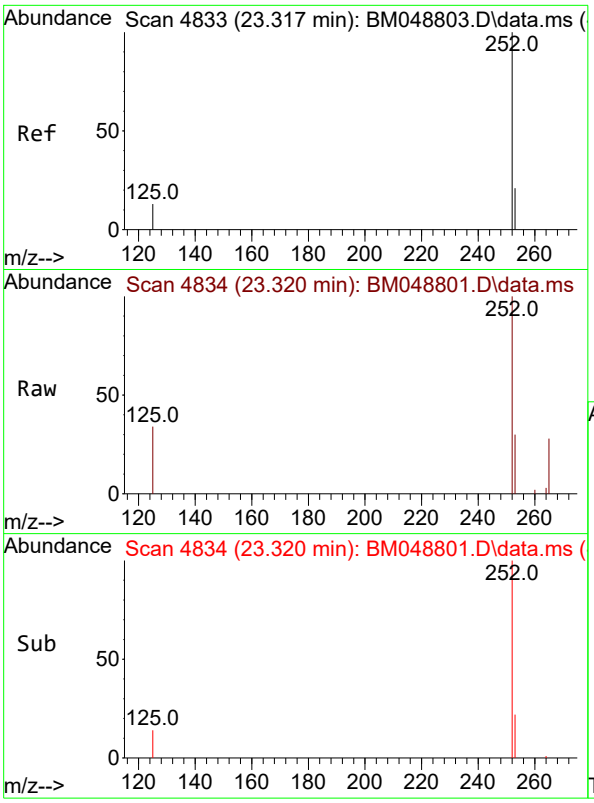


#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul
RT: 22.805 min Scan# 4658
Delta R.T. 0.003 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:252 Resp: 7091

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.7	28.1#
125	27.6	12.0	18.0#



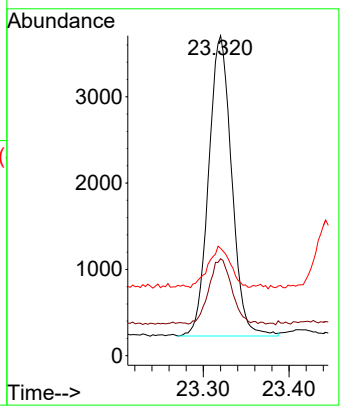


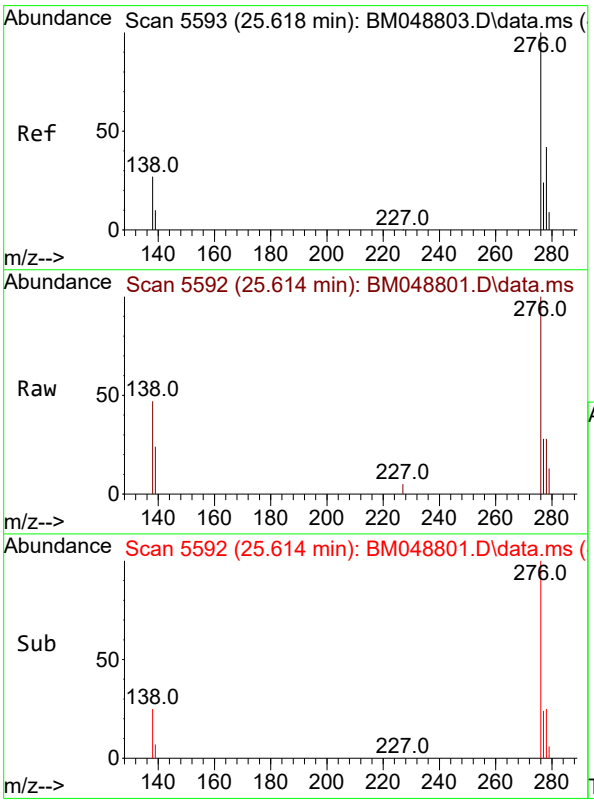
#26
Benzo(a)pyrene
Concen: 0.132 ng/ul
RT: 23.320 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:252 Resp: 6481

Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.5	27.7#
125	33.6	13.6	20.4#

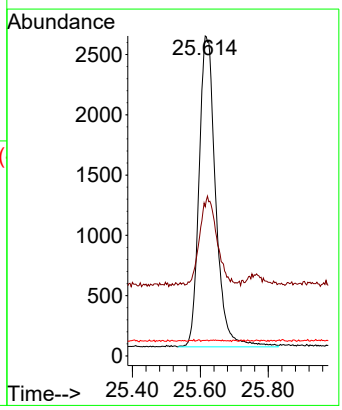


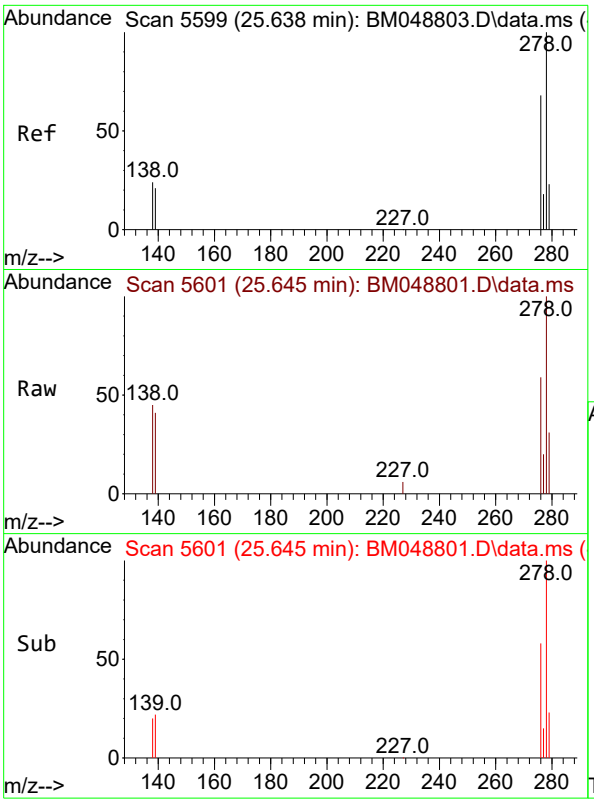


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 25.614 min Scan# 5592
Delta R.T. -0.003 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:276 Resp: 8759

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.6	35.4
227	0.1	0.0	0.0#



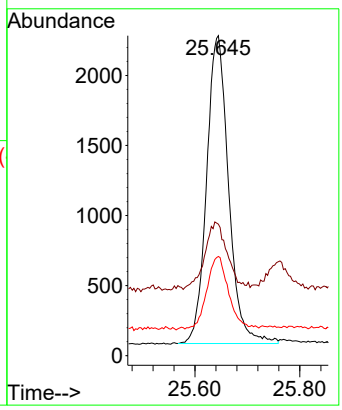


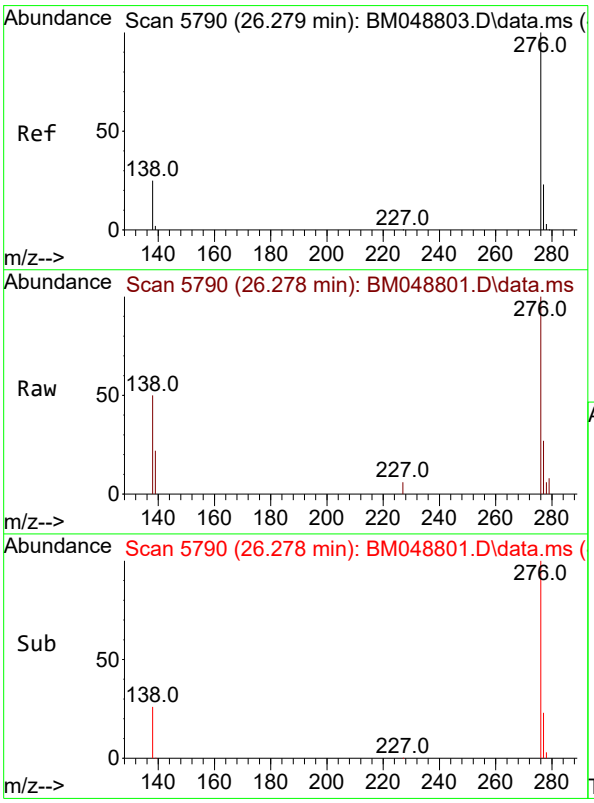
#28
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 25.645 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1041

Tgt Ion:278 Resp: 6408

Ion	Ratio	Lower	Upper
278	100		
139	41.1	19.5	29.3#
279	31.0	19.9	29.9#





#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 26.278 min Scan# 5790
Delta R.T. -0.000 min
Lab File: BM048801.D
Acq: 19 Nov 2024 19:49

Tgt Ion:276 Resp: 6957

Ion	Ratio	Lower	Upper
276	100		
138	49.9	23.4	35.0#
277	27.2	19.3	28.9