Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
Data File : BM048806.D
Acq On : 19 Nov 2024 22:50
Operator : RC/JU
Sample : SSTD3.217
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Quant Time: Nov 19 23:34:50 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	7618	0.400	ng/ul	0.00
4) Naphthalene-d8	10.402	136	25052	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.269	164	13247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.017	188	25377	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	15898	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	17132	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	27601	3.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	98501	3.041	ng/ul	0.00
18) Fluoranthene-d10	19.052	212	164365	3.683	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	29893	2.829	ng/ul#	57
5) Naphthalene	10.451	128	193320	3.081	ng/ul	95
7) 2-Methylnaphthalene	12.073	142	123791	3.135	ng/ul	100
8) 1-Methylnaphthalene	12.293	142	123526	3.055	ng/ul	100
10) Acenaphthylene	13.983	152	192319	3.822	ng/ul	98
11) Acenaphthene	14.330	153	130256	3.237	ng/ul	100
12) Fluorene	15.324	166	144949	3.315	ng/ul	98
14) Pentachlorophenol	16.667	266	23300	2.501	ng/ul	99
15) Phenanthrene	17.060	178	220639	3.310	ng/ul	99
16) Anthracene	17.148	178	217904	3.512	ng/ul	98
19) Fluoranthene	19.084	202	245485	4.170	ng/ul	95
20) Pyrene	19.442	202	257162	4.026	ng/ul	99
21) Benzo(a)anthracene	21.202	228	230835	4.435	ng/ul	99
22) Chrysene	21.251	228	214100	3.428	ng/ul	99
24) Benzo(b)fluoranthene	22.762	252	226819	4.249	ng/ul	96
25) Benzo(k)fluoranthene	22.803	252	226834	3.624	ng/ul	95
26) Benzo(a)pyrene	23.317	252	208909	4.009	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.615	276	280520	3.855	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.638	278	209090	3.692	ng/ul	95
29) Benzo(g,h,i)perylene	26.279	276	217511	3.560	ng/ul	96

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

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Quant Time: Nov 19 23:34:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
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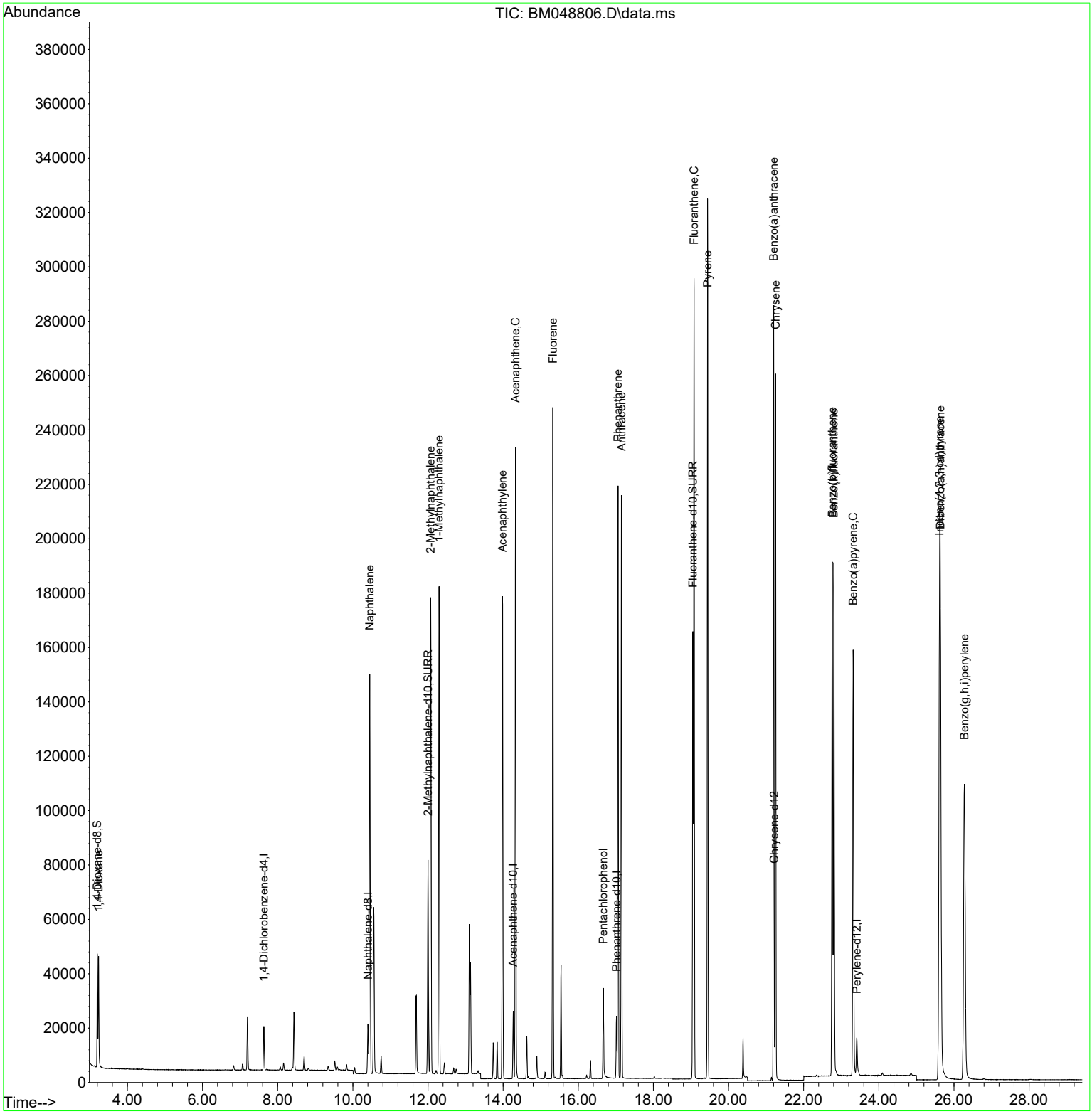
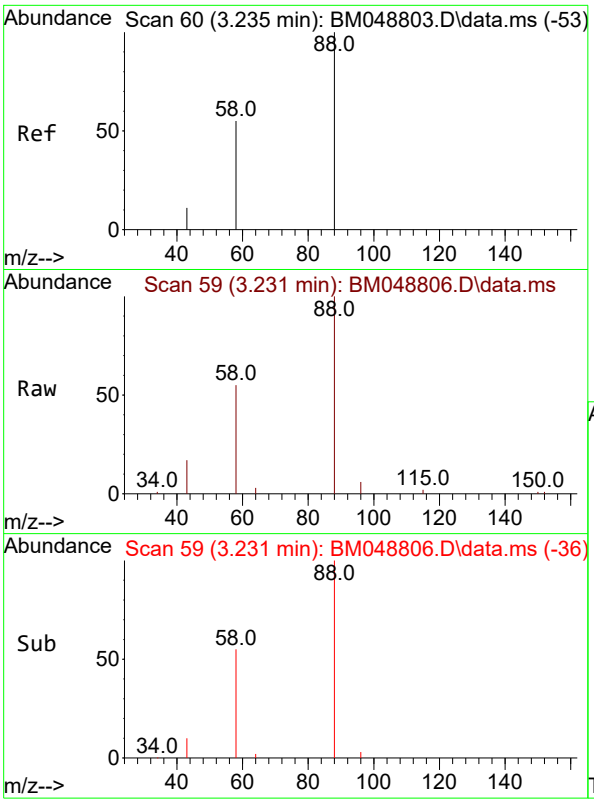


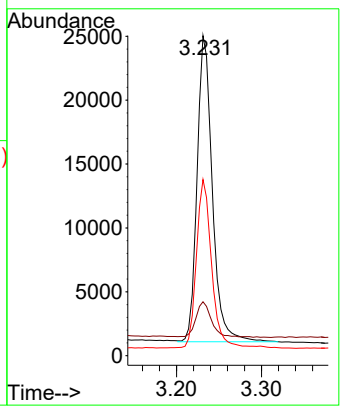


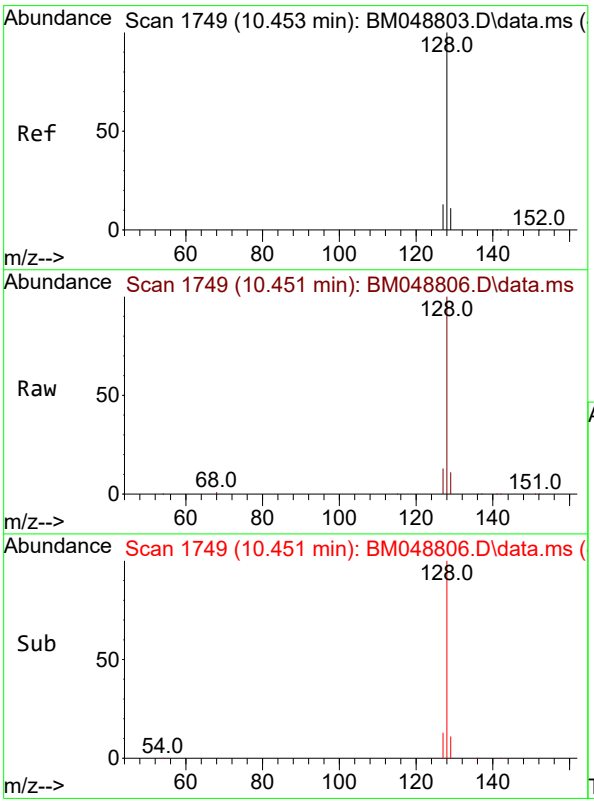
#2
1,4-Dioxane
Concen: 2.829 ng/ul
RT: 3.231 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion: 88 Resp: 29893

Ion	Ratio	Lower	Upper
88	100		
43	16.9	60.2	90.2#
58	55.0	53.6	80.4

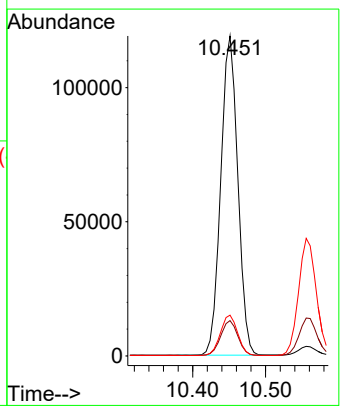


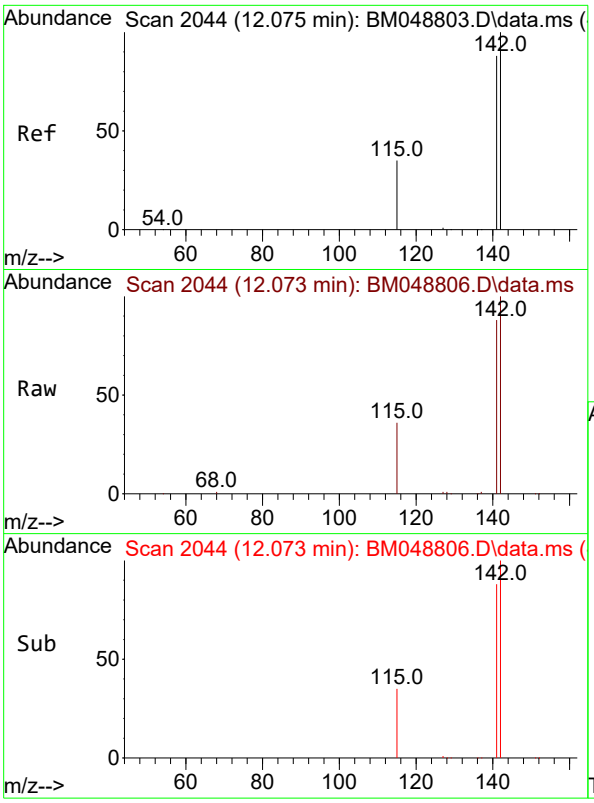


#5
Naphthalene
Concen: 3.081 ng/ul
RT: 10.451 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:128 Resp: 193320

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.9	16.3
127	12.8	11.6	17.4



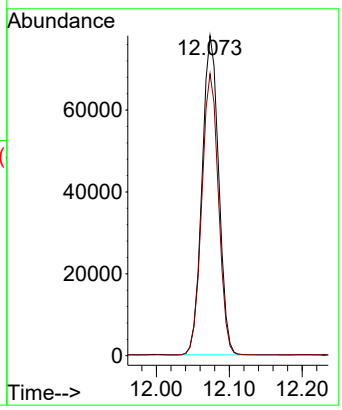


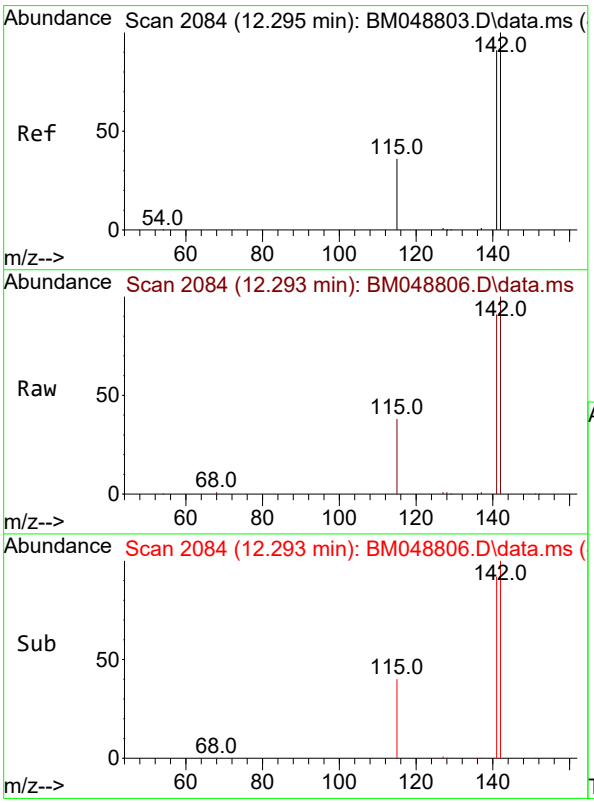
#7
2-Methylnaphthalene
Concen: 3.135 ng/ul
RT: 12.073 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:142 Resp: 123791

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.7	106.1

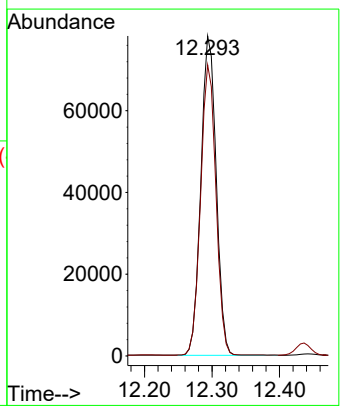


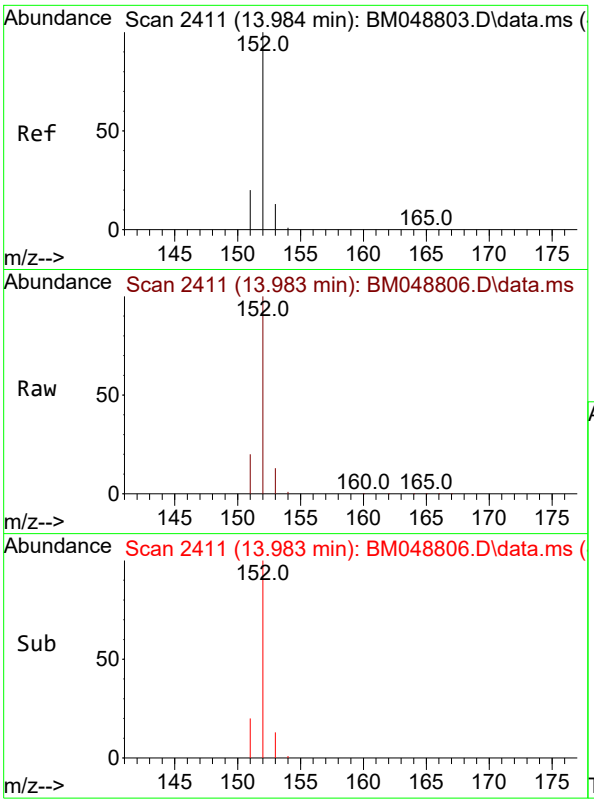


#8
1-Methylnaphthalene
Concen: 3.055 ng/ul
RT: 12.293 min Scan# 2084
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:142 Resp: 123526

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7



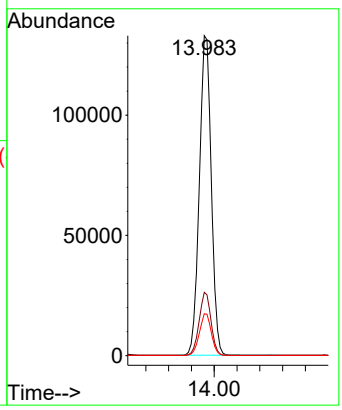


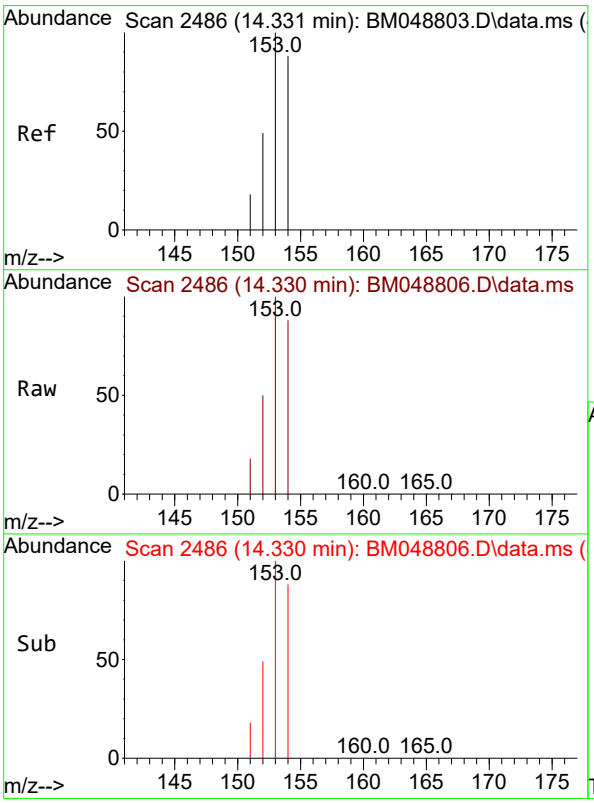
#10
Acenaphthylene
Concen: 3.822 ng/ul
RT: 13.983 min Scan# 24
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:152 Resp: 192319

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7
153	13.1	11.1	16.7

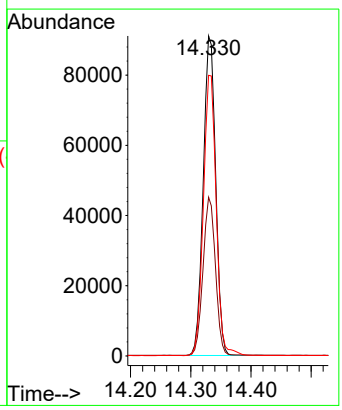


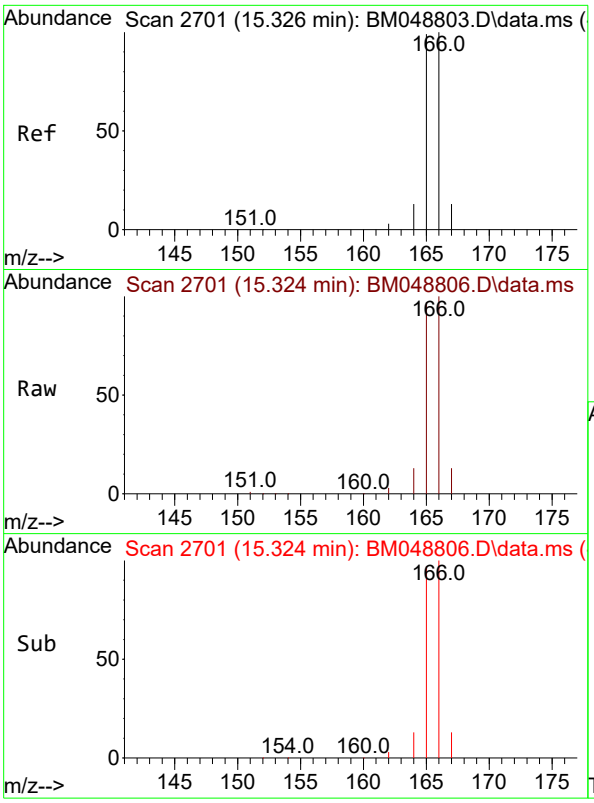


#11
Acenaphthene
Concen: 3.237 ng/ul
RT: 14.330 min Scan# 2486
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:153 Resp: 130256

Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.0	60.0
154	87.7	70.2	105.4



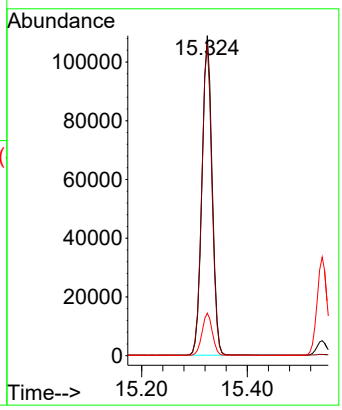


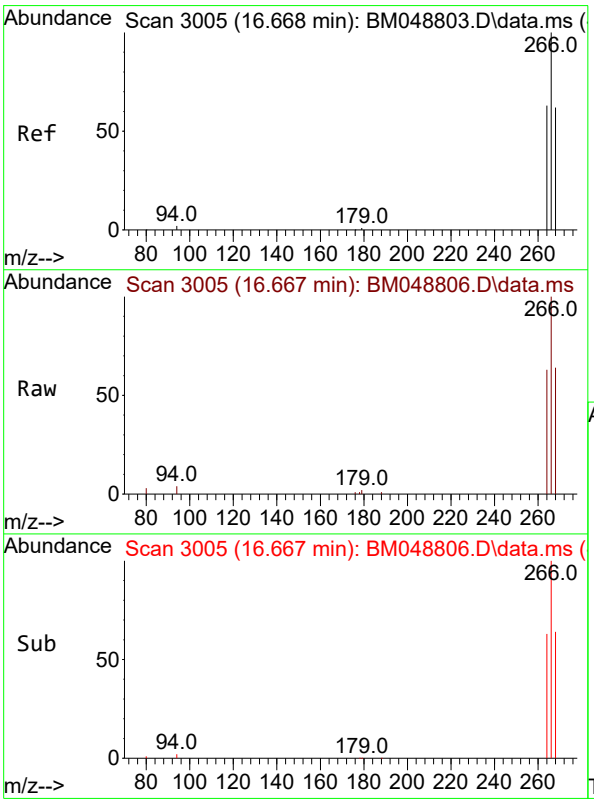
#12
Fluorene
Concen: 3.315 ng/ul
RT: 15.324 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:166 Resp: 144949

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.3	11.5	17.3

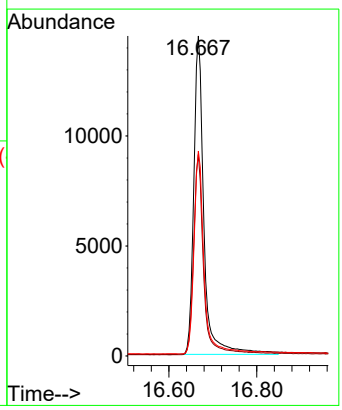


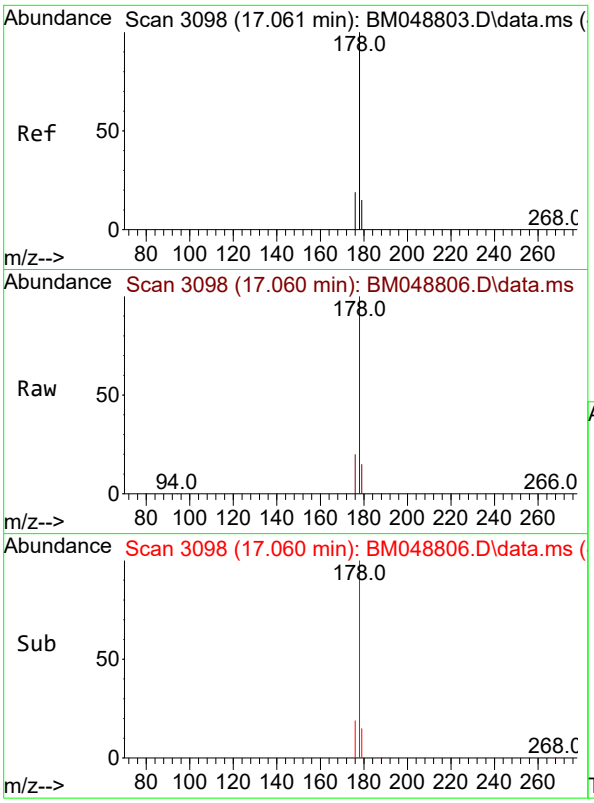


#14
Pentachlorophenol
Concen: 2.501 ng/ul
RT: 16.667 min Scan# 3005
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:266 Resp: 23300

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.7	76.1
268	64.1	52.0	78.0



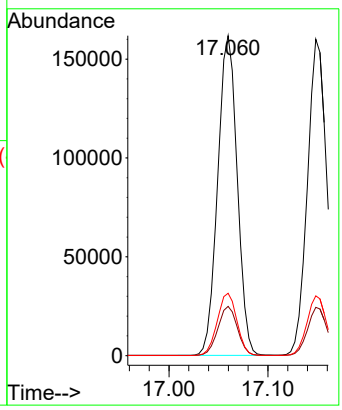


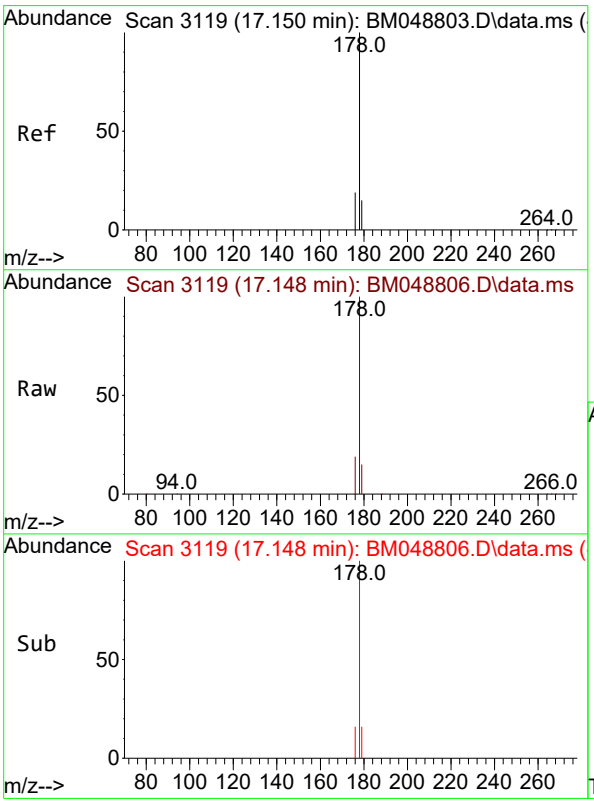
#15
Phenanthrene
Concen: 3.310 ng/ul
RT: 17.060 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:178 Resp: 220639

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.5	15.8	23.8

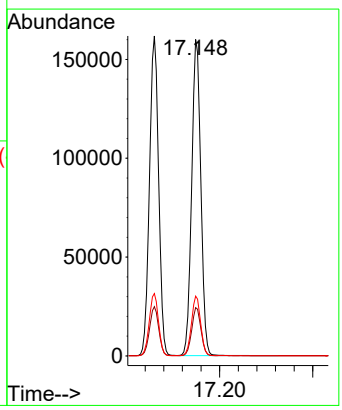


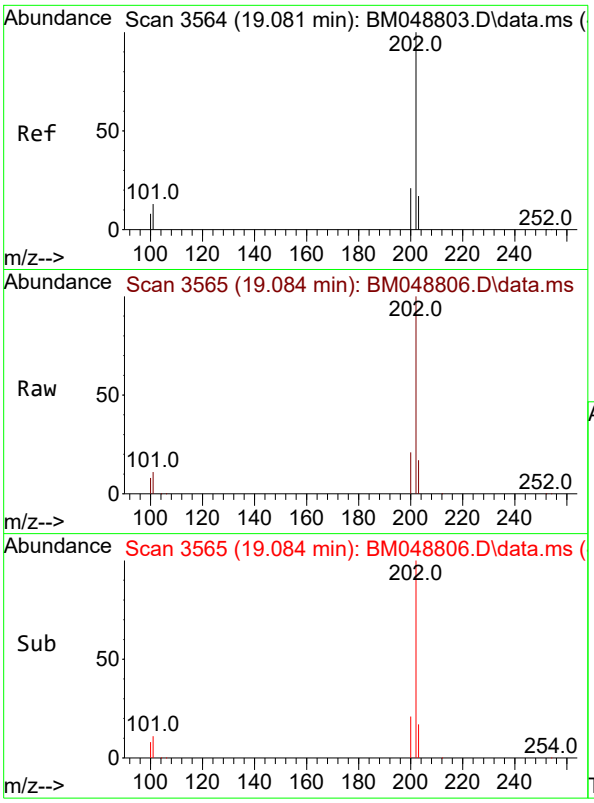


#16
Anthracene
Concen: 3.512 ng/ul
RT: 17.148 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:178 Resp: 217904

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.9	15.8	23.8



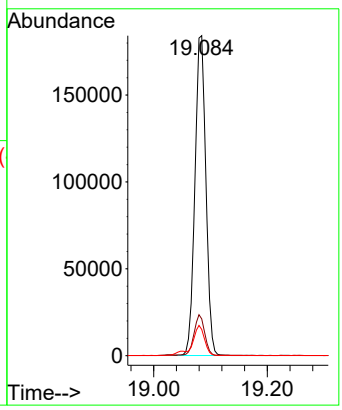


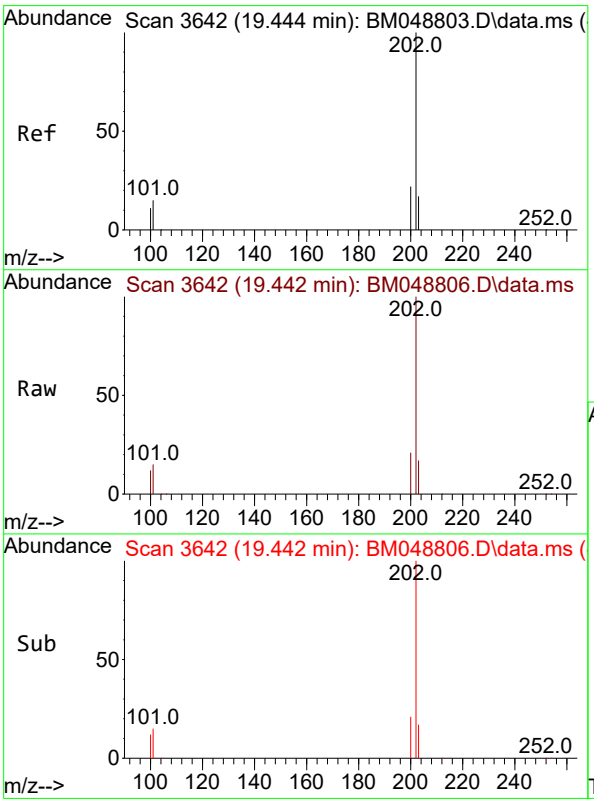
#19
Fluoranthene
Concen: 4.170 ng/ul
RT: 19.084 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:202 Resp: 245485

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.9	16.3
100	8.2	8.1	12.1

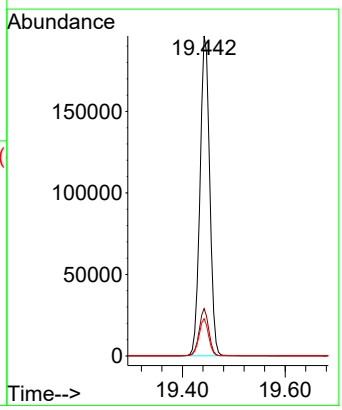


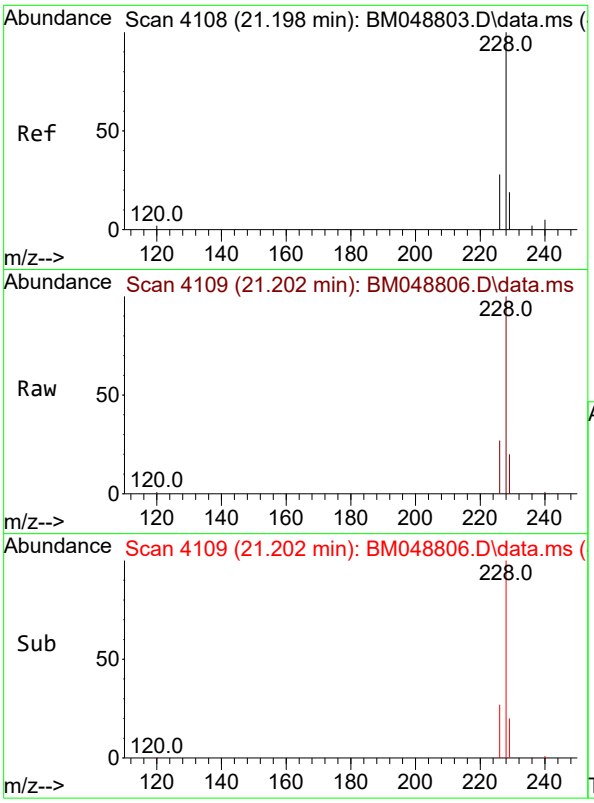


#20
Pyrene
Concen: 4.026 ng/ul
RT: 19.442 min Scan# 3642
Delta R.T. -0.001 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:202 Resp: 257162

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.3	18.5
100	11.7	9.5	14.3



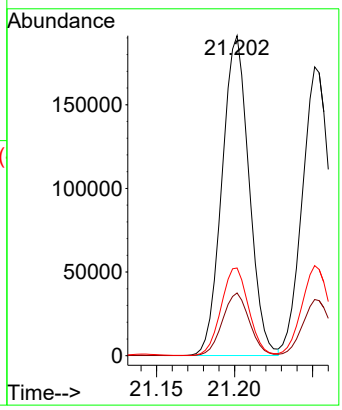


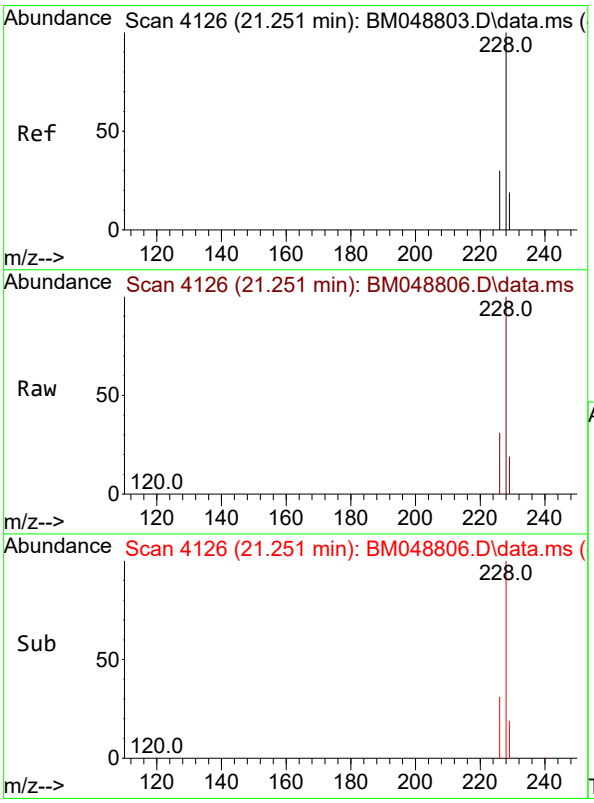
#21
Benzo(a)anthracene
Concen: 4.435 ng/ul
RT: 21.202 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:228 Resp: 230835

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.2	22.8
226	27.4	22.5	33.7

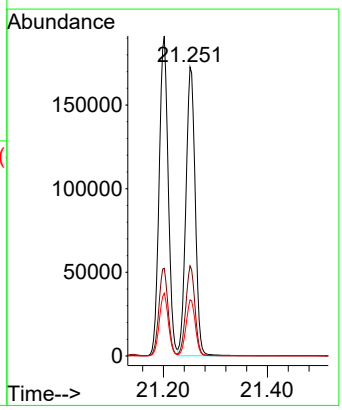


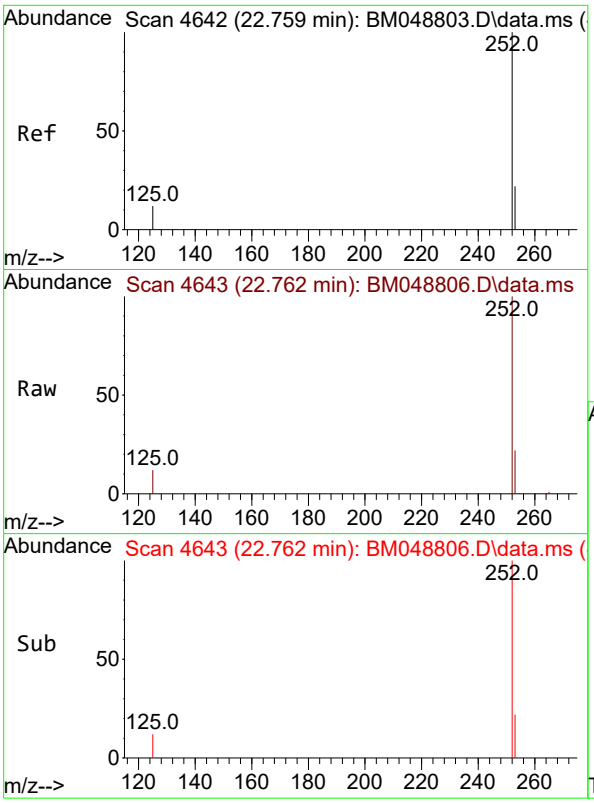


#22
Chrysene
Concen: 3.428 ng/ul
RT: 21.251 min Scan# 4126
Delta R.T. 0.000 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:228 Resp: 214100

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	19.4	15.6	23.4



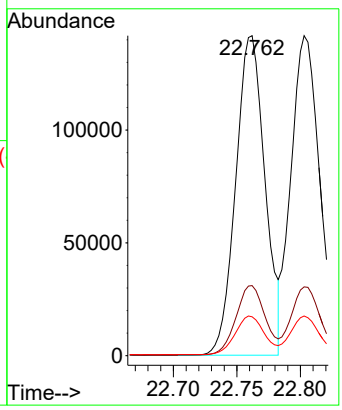


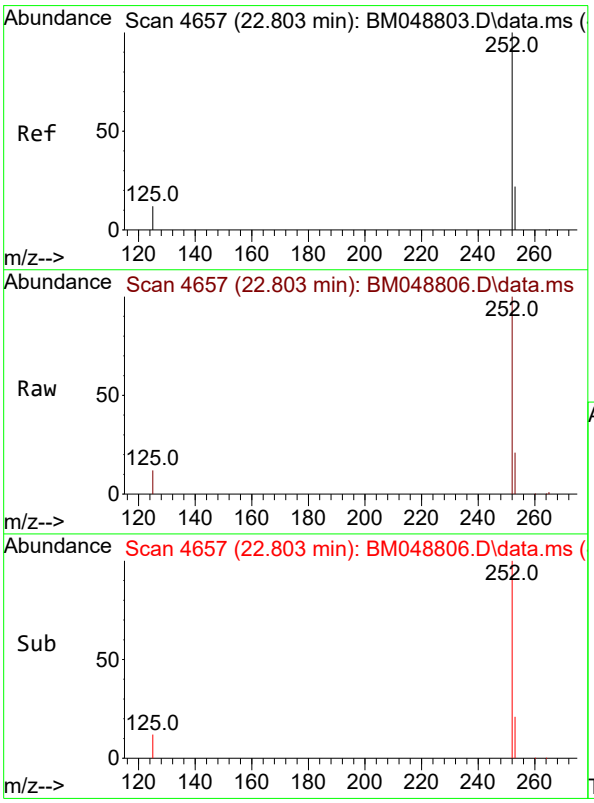
#24
Benzo(b)fluoranthene
Concen: 4.249 ng/ul
RT: 22.762 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:252 Resp: 226819

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	46.4
125	12.1	0.0	29.8

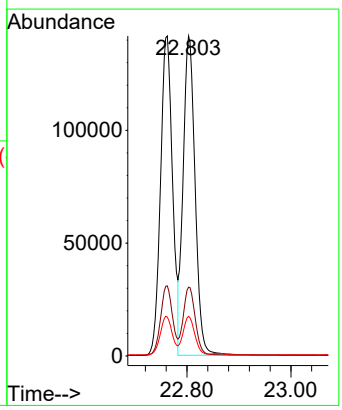


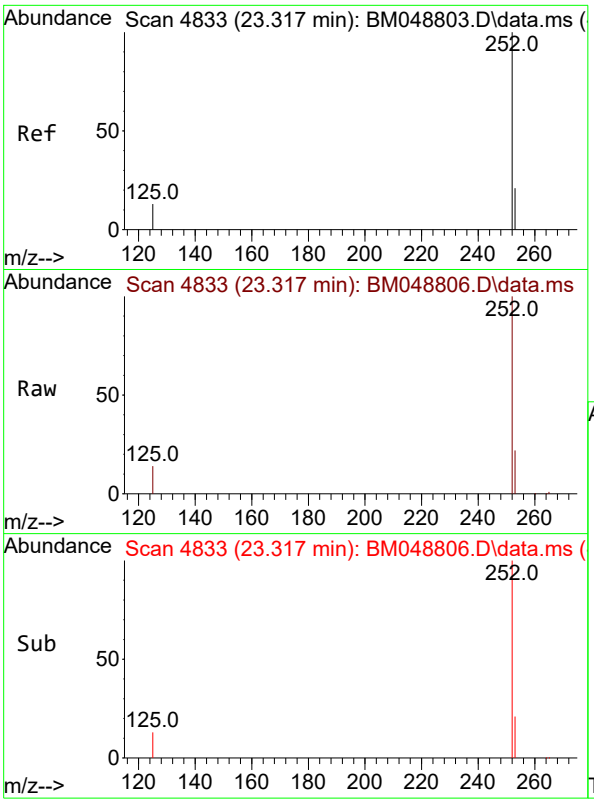


#25
Benzo(k)fluoranthene
Concen: 3.624 ng/ul
RT: 22.803 min Scan# 4657
Delta R.T. 0.000 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:252 Resp: 226834

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	12.4	12.0	18.0



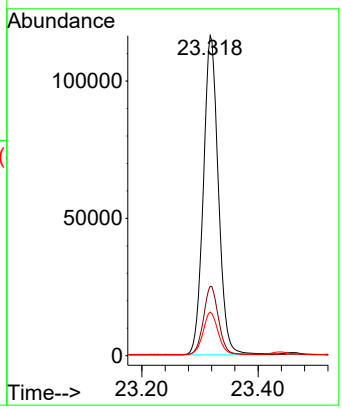


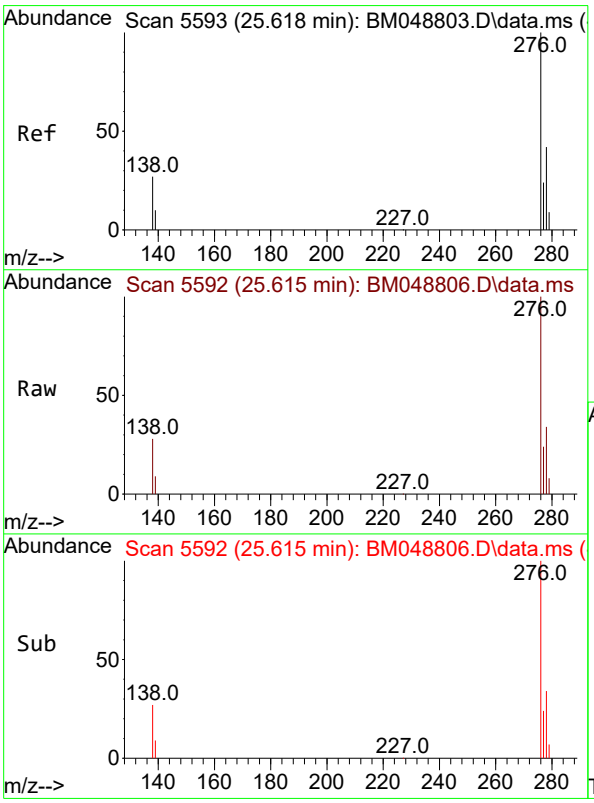
#26
Benzo(a)pyrene
Concen: 4.009 ng/ul
RT: 23.317 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:252 Resp: 208909

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	13.6	13.6	20.4

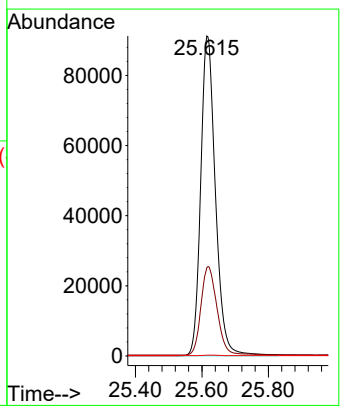


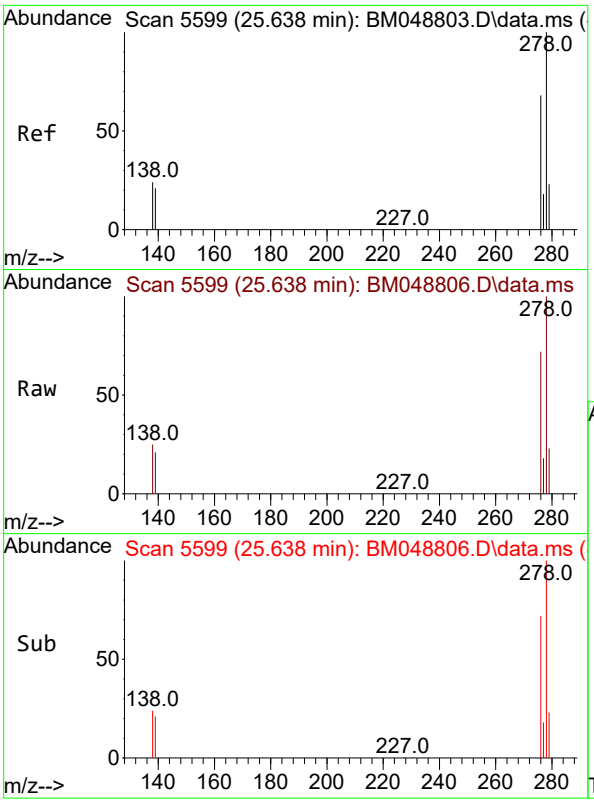


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.855 ng/ul
RT: 25.615 min Scan# 5592
Delta R.T. -0.003 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:276 Resp: 280520

Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.6	35.4
227	0.2	0.0	0.0#



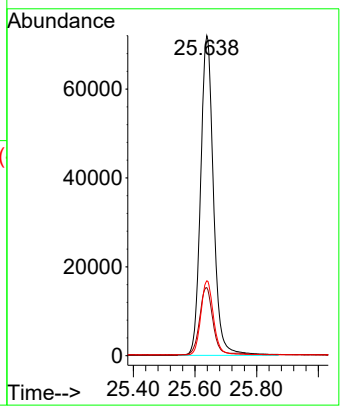


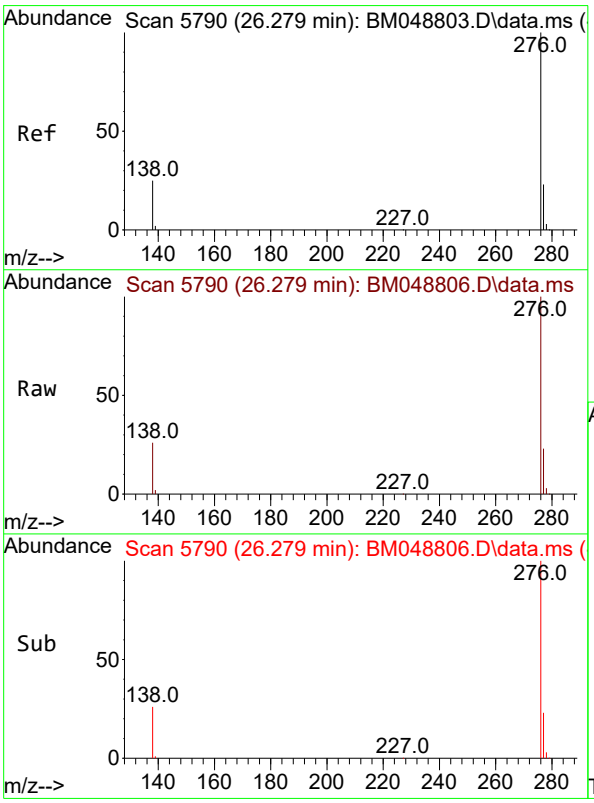
#28
Dibenzo(a,h)anthracene
Concen: 3.692 ng/ul
RT: 25.638 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Instrument :
BNA_M
ClientSampleId :
SSTD3.2046

Tgt Ion:278 Resp: 209090

Ion	Ratio	Lower	Upper
278	100		
139	21.2	19.5	29.3
279	23.4	19.9	29.9





#29
Benzo(g,h,i)perylene
Concen: 3.560 ng/ul
RT: 26.279 min Scan# 5790
Delta R.T. 0.000 min
Lab File: BM048806.D
Acq: 19 Nov 2024 22:50

Tgt Ion:276 Resp: 217511

Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.4	35.0
277	23.3	19.3	28.9