Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048813.D
Acq On : 02 Dec 2024 19:55
Operator : RC/JU
Sample : SSTD1.622
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Quant Time: Dec 03 00:13:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	3205	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	9221	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	4913	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	9462	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	6608	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	6971	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	6288	1.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.969	152	17726	1.470	ng/ul	0.00
18) Fluoranthene-d10	19.019	212	30119	1.366	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	7069	1.633	ng/ul#	85
5) Naphthalene	10.424	128	34995	1.481	ng/ul	98
7) 2-Methylnaphthalene	12.046	142	21583	1.392	ng/ul	98
8) 1-Methylnaphthalene	12.266	142	22393	1.429	ng/ul	100
10) Acenaphthylene	13.955	152	33465	1.439	ng/ul	97
11) Acenaphthene	14.302	153	24374	1.538	ng/ul	98
12) Fluorene	15.292	166	26550	1.505	ng/ul	99
14) Pentachlorophenol	16.642	266	1446	0.548	ng/ul#	1
15) Phenanthrene	17.026	178	38359	1.418	ng/ul	97
16) Anthracene	17.119	178	35905	1.330	ng/ul	95
19) Fluoranthene	19.047	202	43376	1.291	ng/ul	99
20) Pyrene	19.414	202	43668	1.217	ng/ul	96
21) Benzo(a)anthracene	21.169	228	30106	0.962	ng/ul	98
22) Chrysene	21.219	228	40896	1.371	ng/ul	99
24) Benzo(b)fluoranthene	22.715	252	31784	1.092	ng/ul	88
25) Benzo(k)fluoranthene	22.756	252	42556	1.466	ng/ul#	89
26) Benzo(a)pyrene	23.268	252	31749	1.179	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.538	276	43172	1.211	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.558	278	33212	1.250	ng/ul	91
29) Benzo(g,h,i)perylene	26.188	276	36378	1.285	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
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Misc :
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Instrument :
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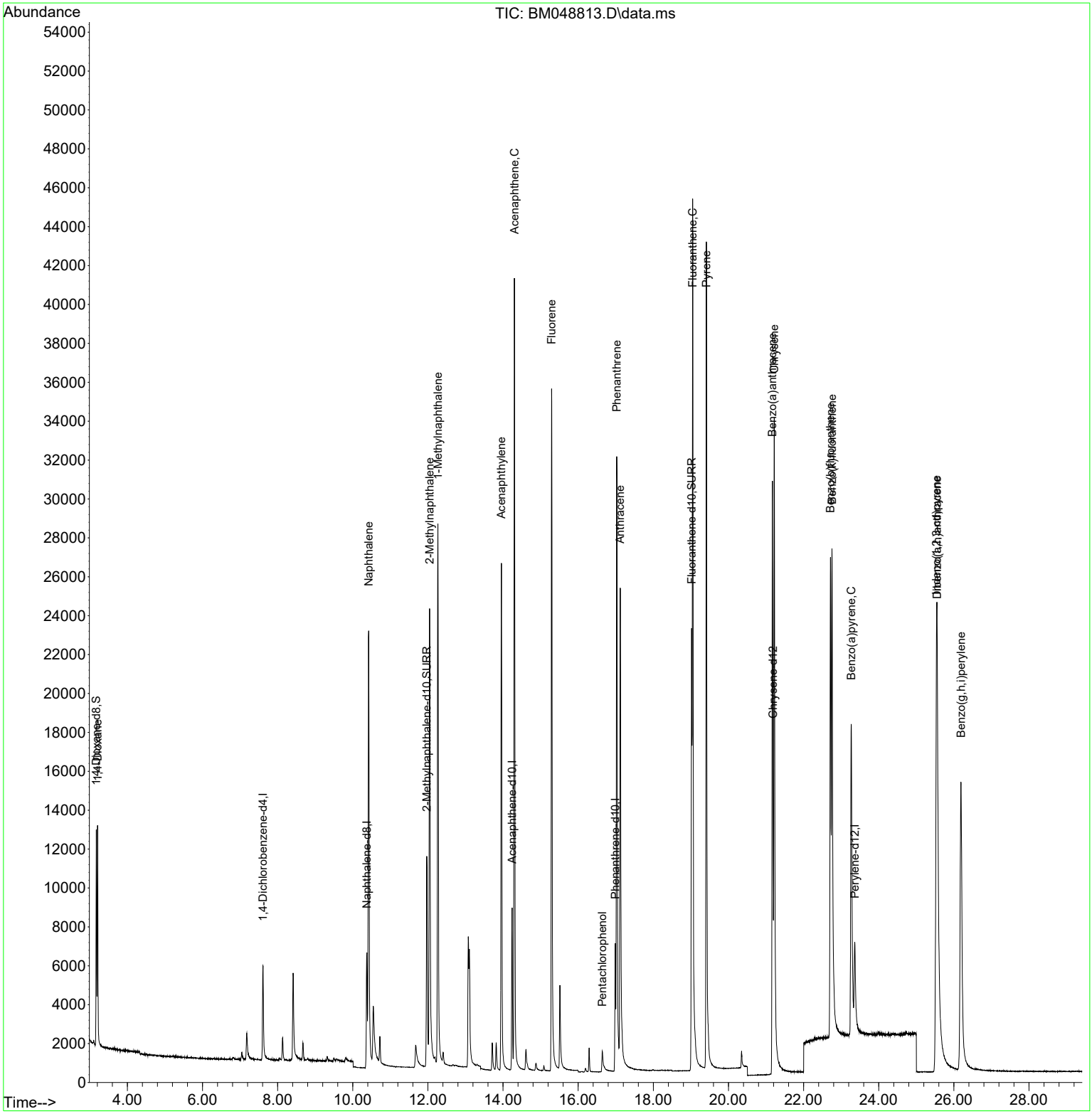
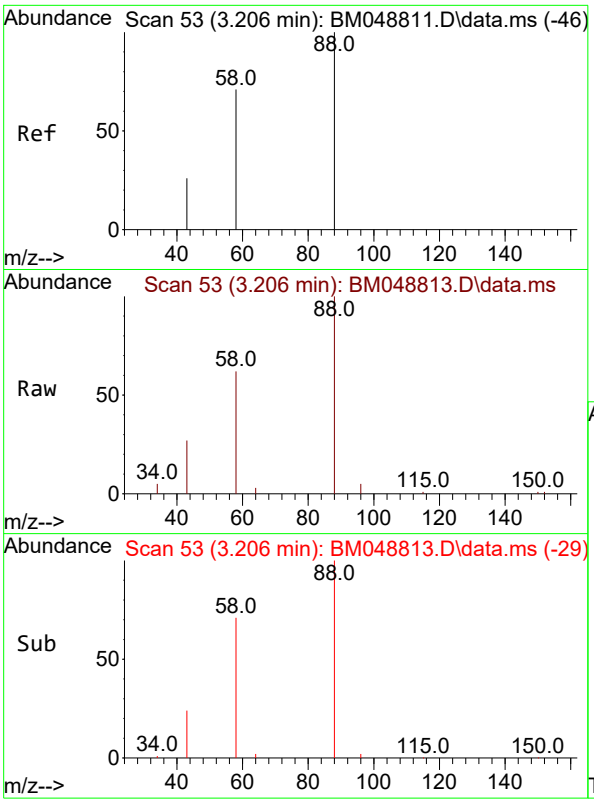
Quant Time: Dec 03 00:13:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration



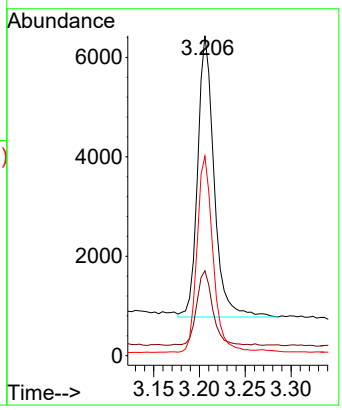


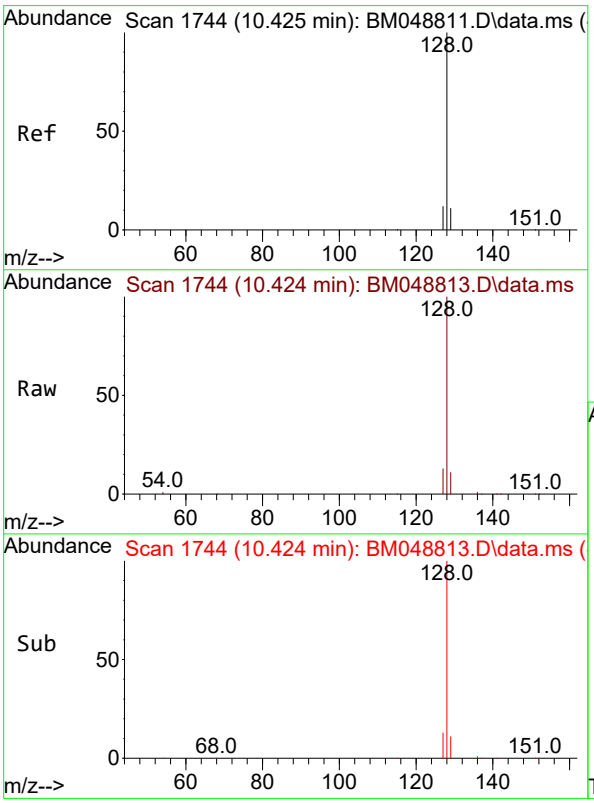
#2
1,4-Dioxane
Concen: 1.633 ng/ul
RT: 3.206 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion: 88 Resp: 7069

Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.6	30.8
58	62.4	37.6	56.4#

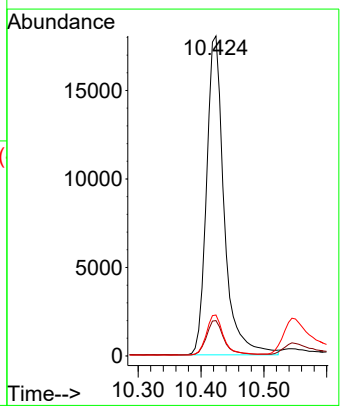


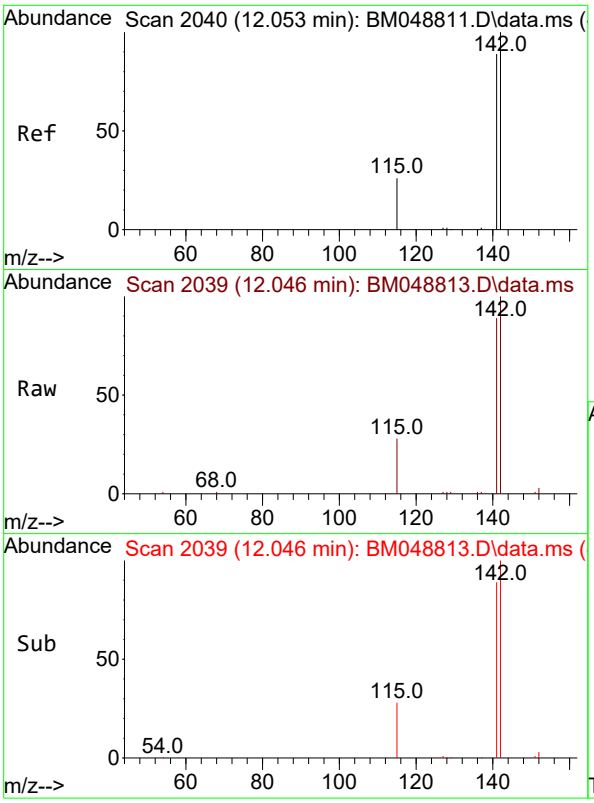


#5
Naphthalene
Concen: 1.481 ng/ul
RT: 10.424 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:128 Resp: 34995

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	12.8	10.7	16.1



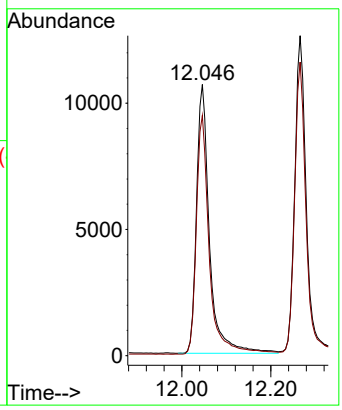


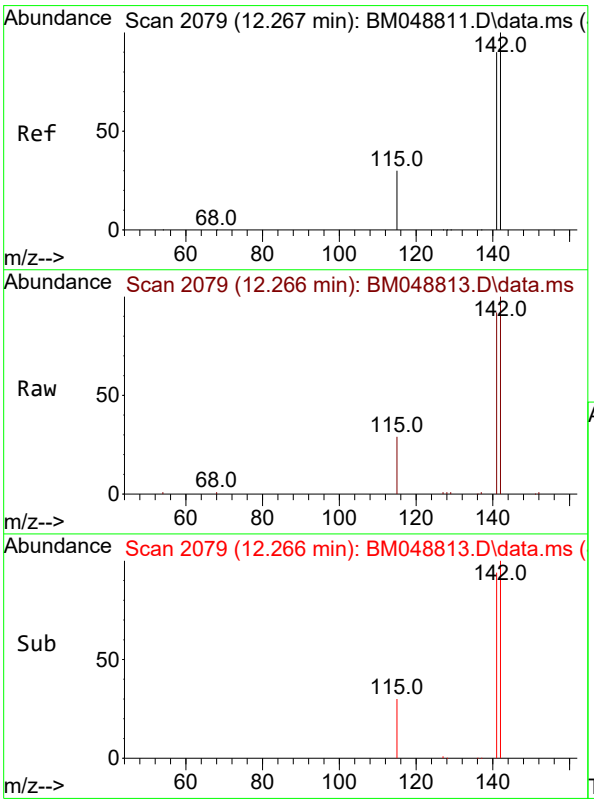
#7
2-Methylnaphthalene
Concen: 1.392 ng/ul
RT: 12.046 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:142 Resp: 21583

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6

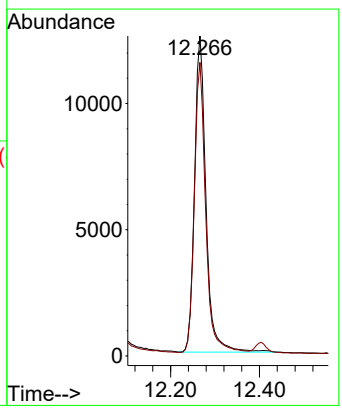


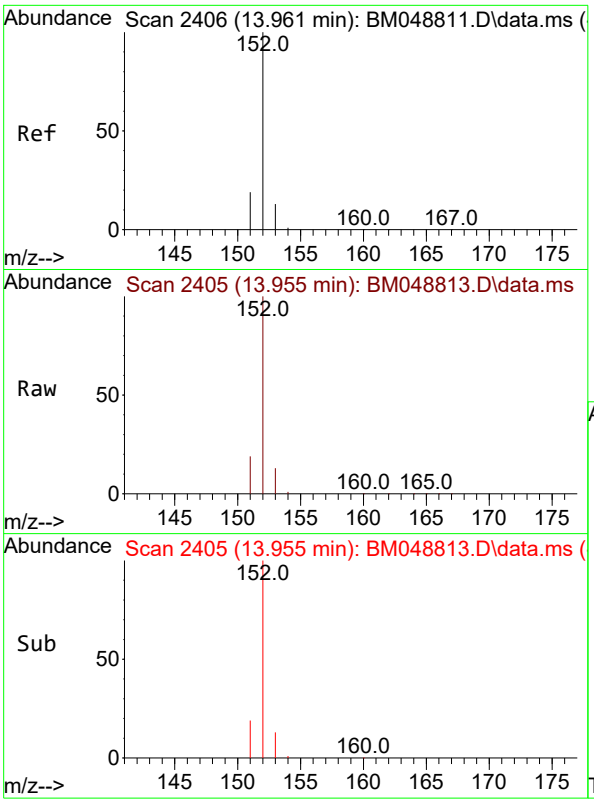


#8
1-Methylnaphthalene
Concen: 1.429 ng/ul
RT: 12.266 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:142 Resp: 22393

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.5	108.7



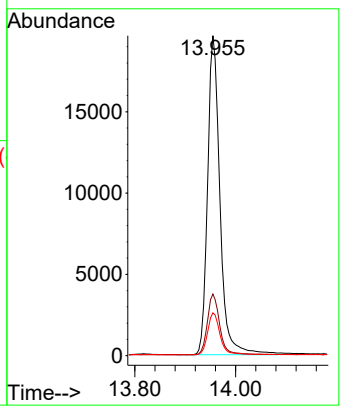


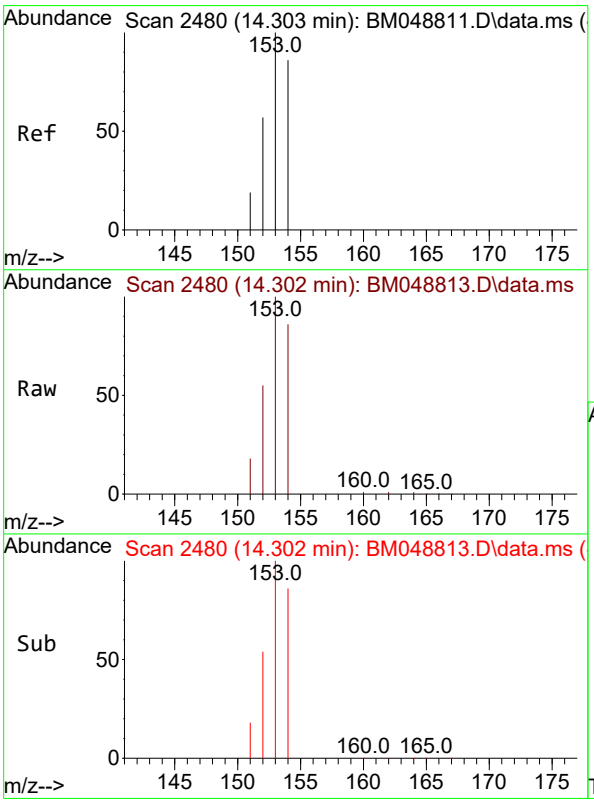
#10
Acenaphthylene
Concen: 1.439 ng/ul
RT: 13.955 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:152 Resp: 33465

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	13.4	11.7	17.5

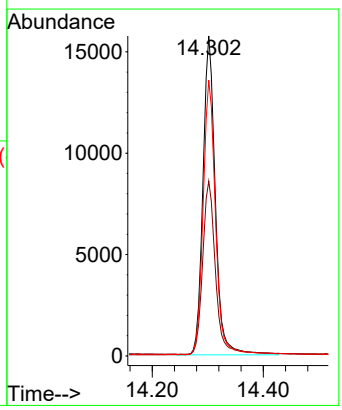


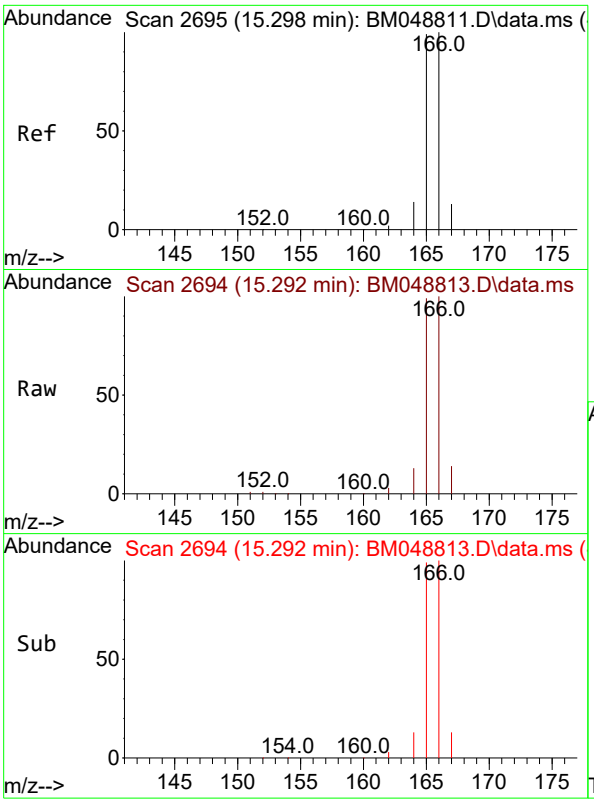


#11
Acenaphthene
Concen: 1.538 ng/ul
RT: 14.302 min Scan# 2480
Delta R.T. -0.001 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:153 Resp: 24374

Ion	Ratio	Lower	Upper
153	100		
152	54.6	46.5	69.7
154	86.1	68.7	103.1



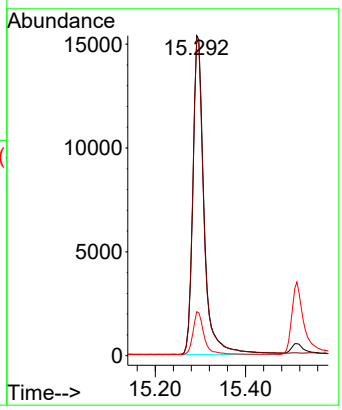


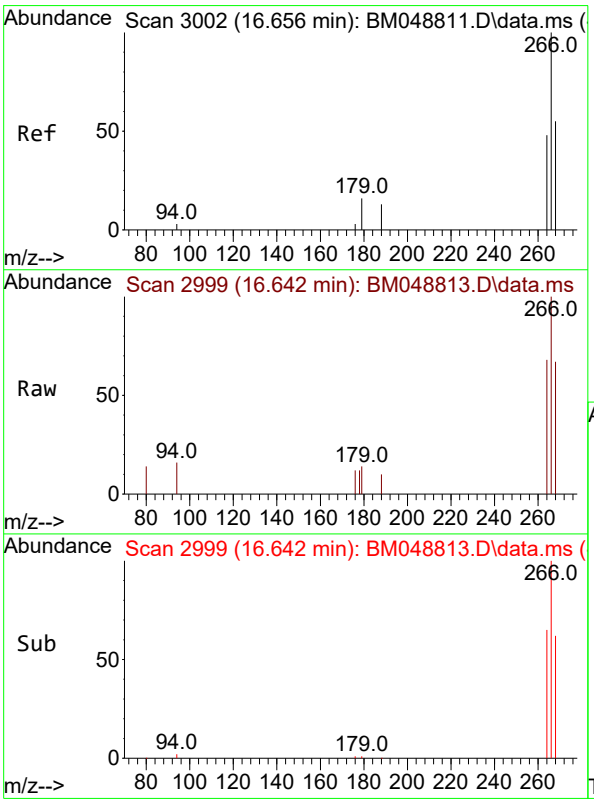
#12
Fluorene
Concen: 1.505 ng/ul
RT: 15.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:166 Resp: 26550

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.6
167	13.8	12.2	18.2

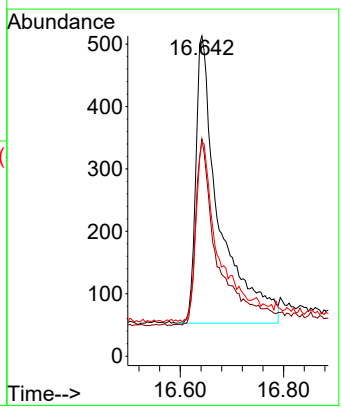


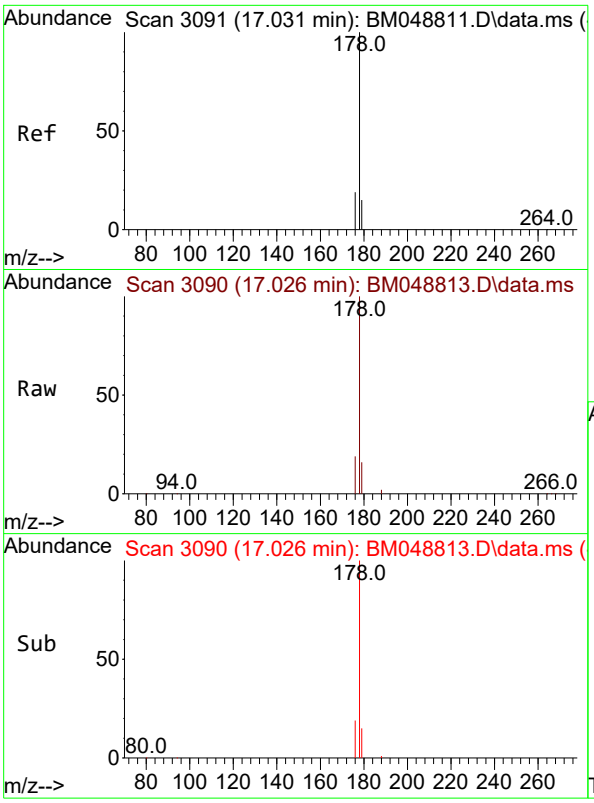


#14
Pentachlorophenol
Concen: 0.548 ng/ul
RT: 16.642 min Scan# 2999
Delta R.T. -0.014 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:266 Resp: 1446

Ion	Ratio	Lower	Upper
266	100		
264	64.8	15.3	22.9#
268	63.5	0.0	0.0#



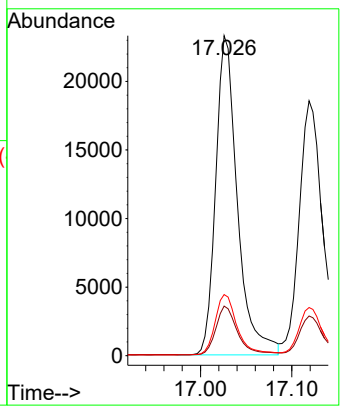


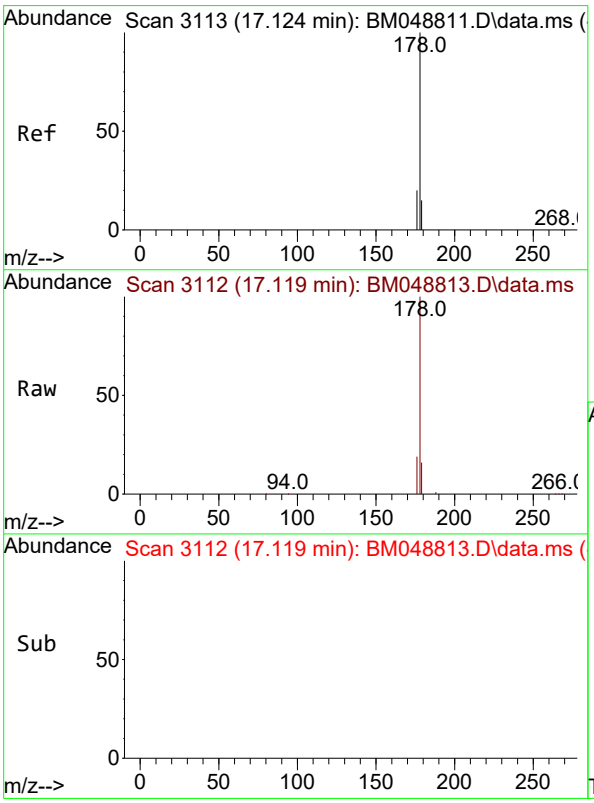
#15
Phenanthrene
Concen: 1.418 ng/ul
RT: 17.026 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:178 Resp: 38359

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.0
176	19.1	16.2	24.4

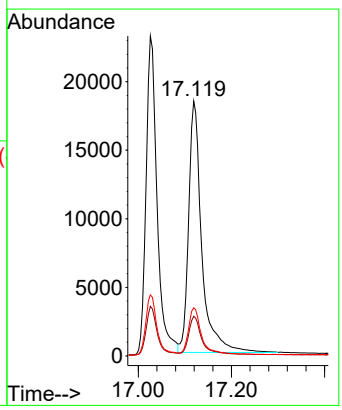


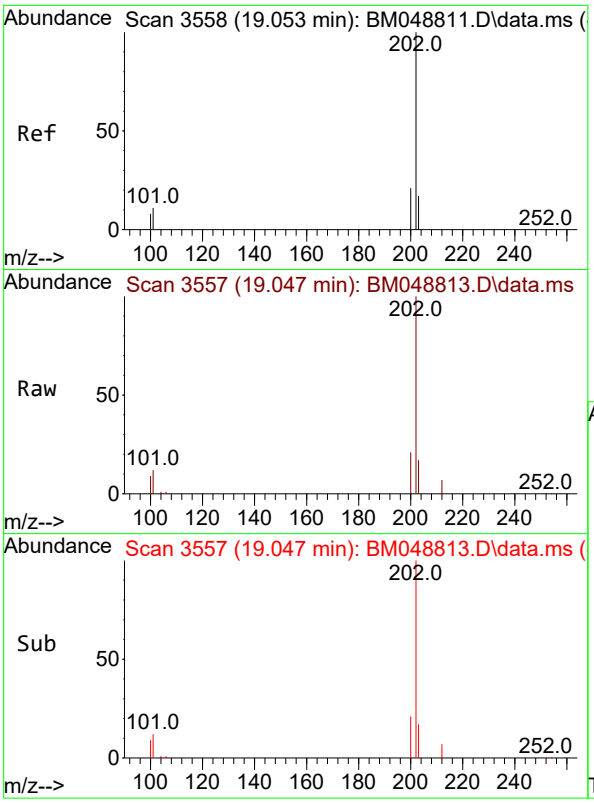


#16
Anthracene
Concen: 1.330 ng/ul
RT: 17.119 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:178 Resp: 35905

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.9	17.0	25.4



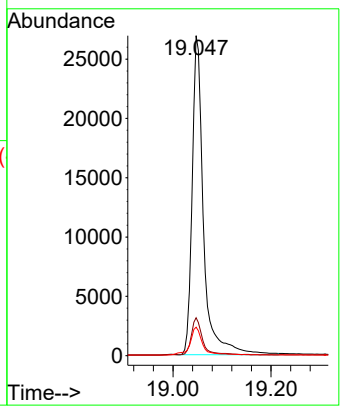


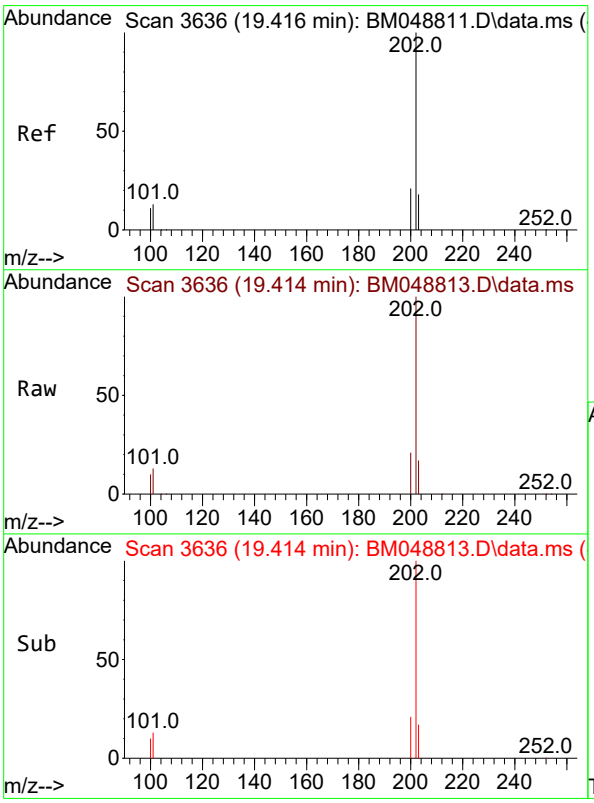
#19
Fluoranthene
Concen: 1.291 ng/ul
RT: 19.047 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:202 Resp: 43376

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	8.9	7.5	11.3

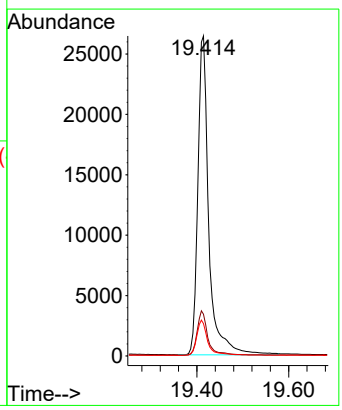


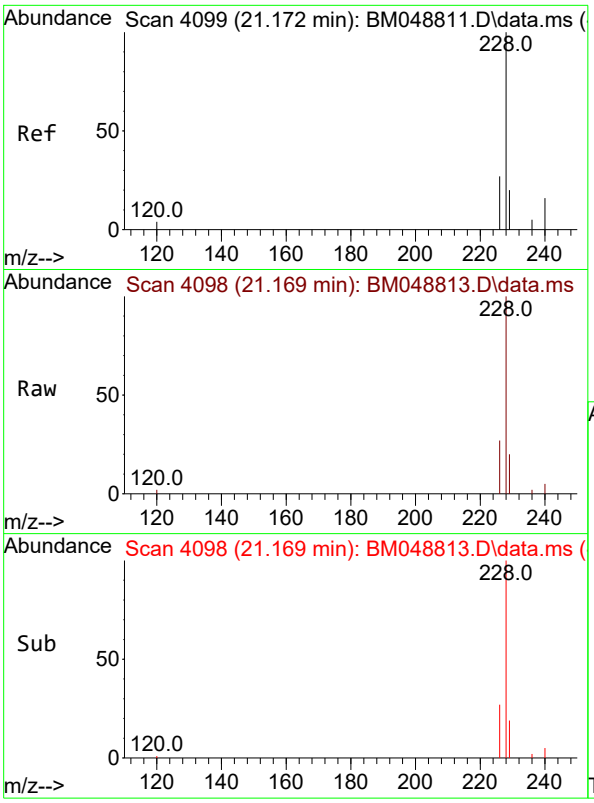


#20
Pyrene
Concen: 1.217 ng/ul
RT: 19.414 min Scan# 3636
Delta R.T. -0.001 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:202 Resp: 43668

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.6	17.4
100	10.1	9.4	14.0



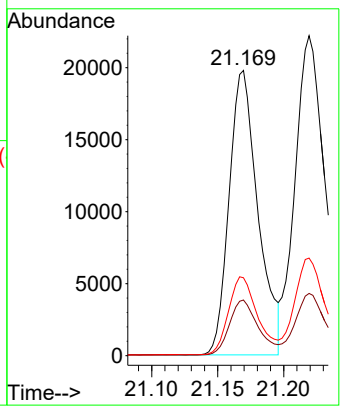


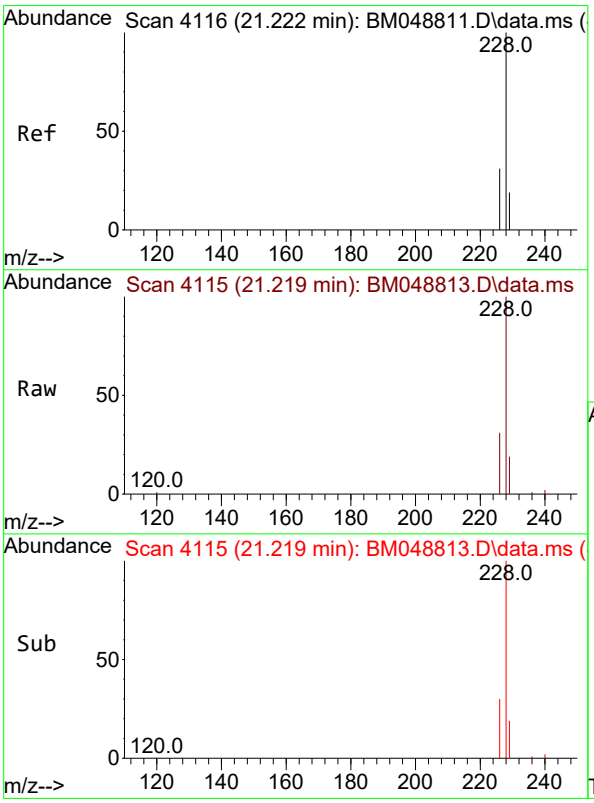
#21
Benzo(a)anthracene
Concen: 0.962 ng/ul
RT: 21.169 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:228 Resp: 30106

Ion	Ratio	Lower	Upper
228	100		
229	19.5	17.0	25.6
226	27.3	22.5	33.7

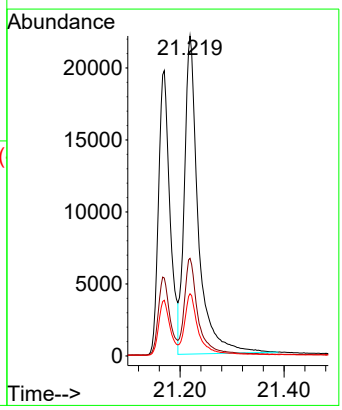


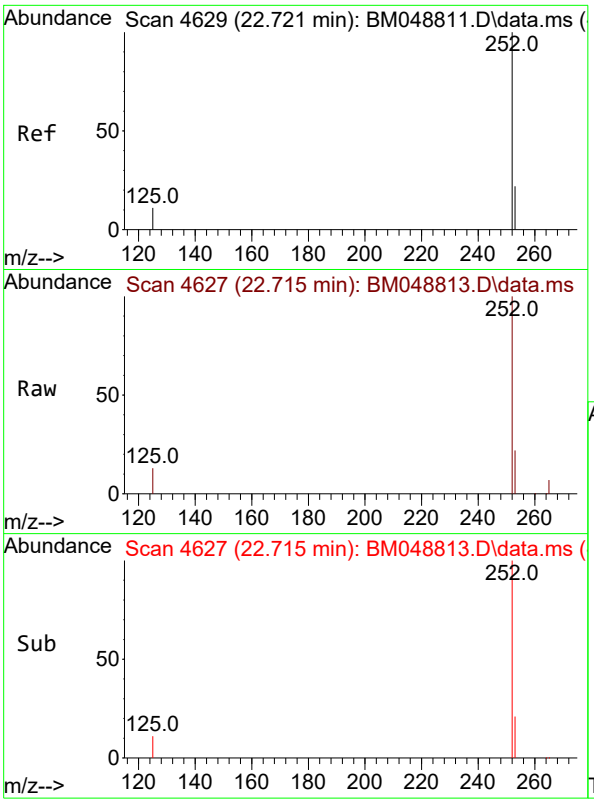


#22
Chrysene
Concen: 1.371 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.002 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:228 Resp: 40896

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.5	16.1	24.1



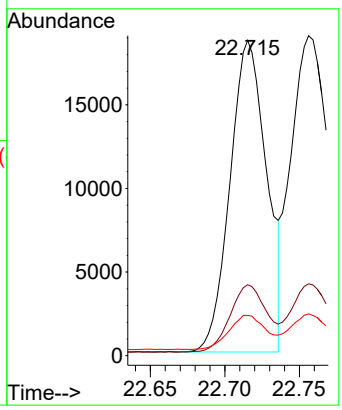


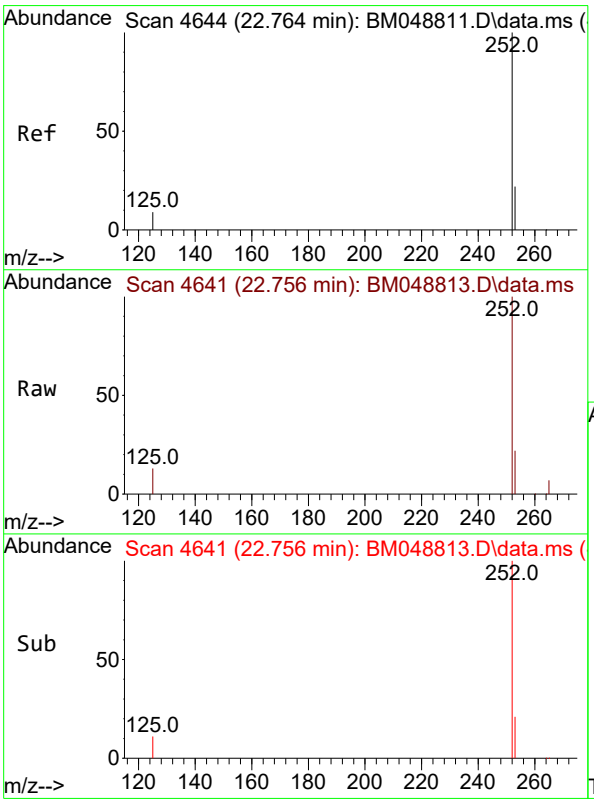
#24
Benzo(b)fluoranthene
Concen: 1.092 ng/ul
RT: 22.715 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:252 Resp: 31784

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	54.2
125	12.8	0.0	41.4

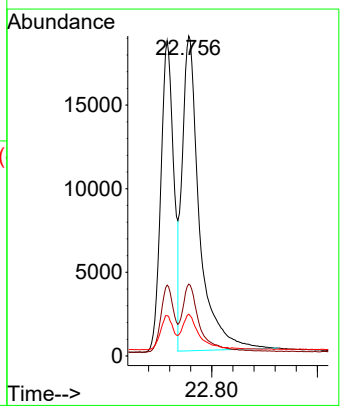


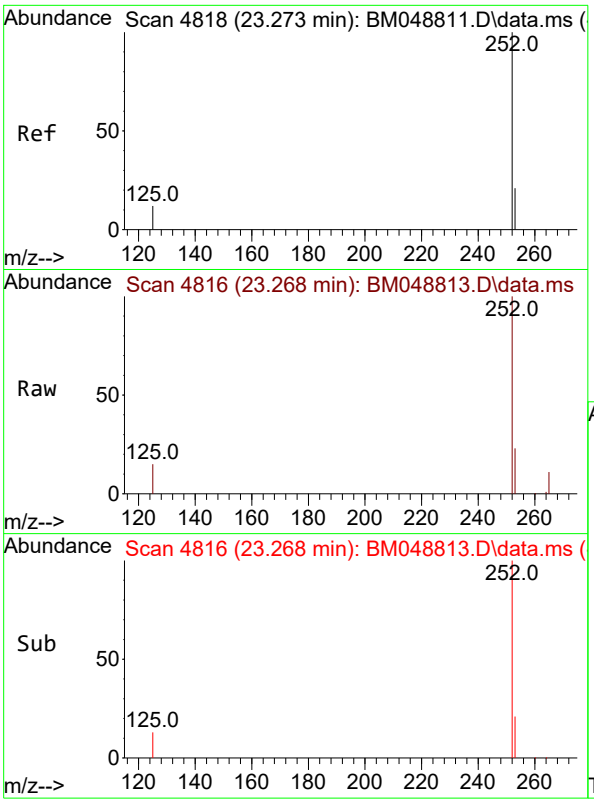


#25
Benzo(k)fluoranthene
Concen: 1.466 ng/ul
RT: 22.756 min Scan# 4641
Delta R.T. -0.008 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:252 Resp: 42556

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.8	31.2
125	13.0	16.2	24.4#



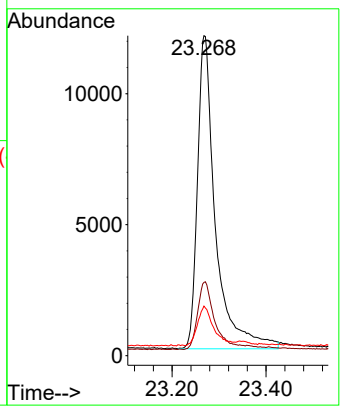


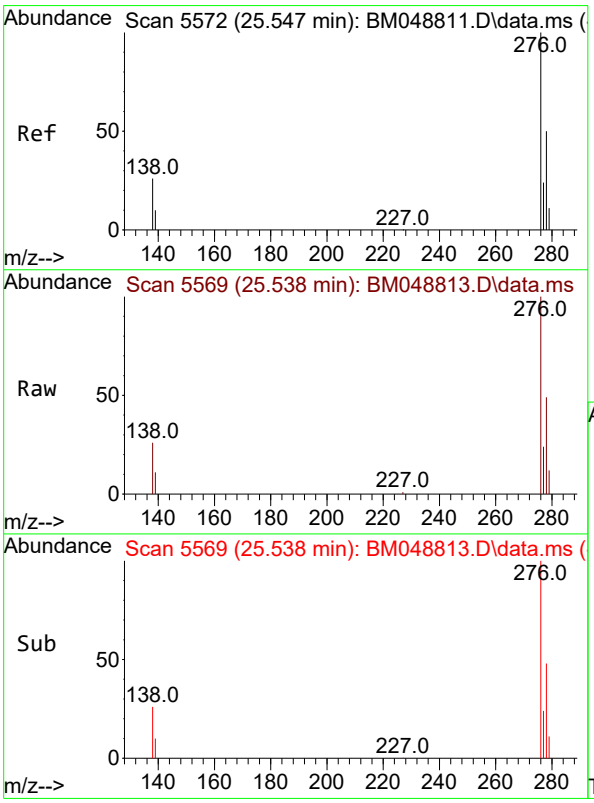
#26
Benzo(a)pyrene
Concen: 1.179 ng/ul
RT: 23.268 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:252 Resp: 31749

Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.5	33.7
125	15.5	20.6	30.8#

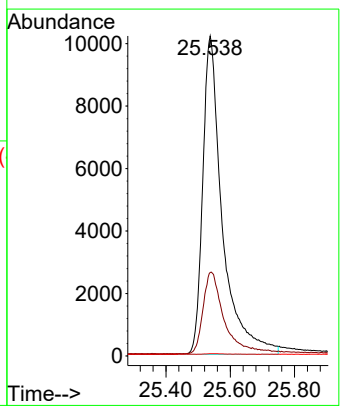


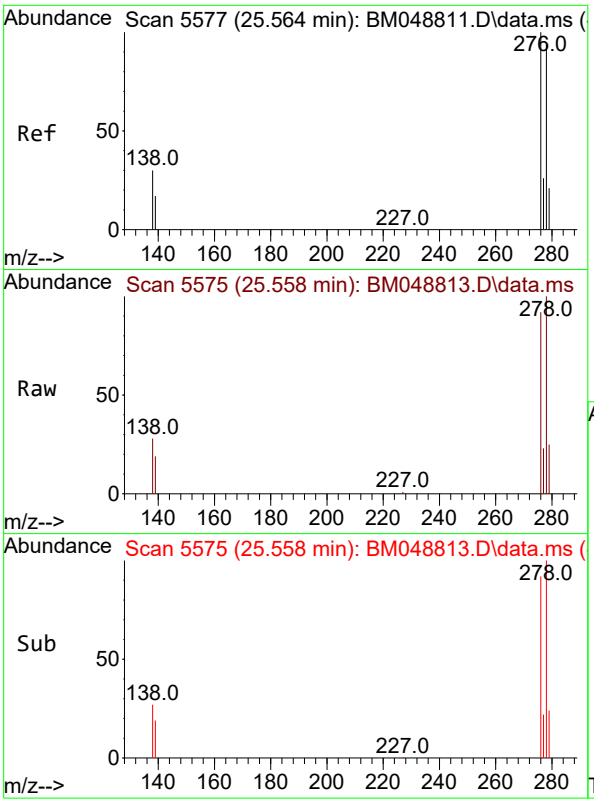


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.211 ng/ul
RT: 25.538 min Scan# 5569
Delta R.T. -0.010 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:276 Resp: 43172

Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.3	34.9
227	0.2	0.1	0.1#



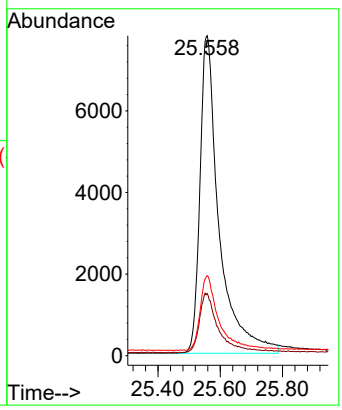


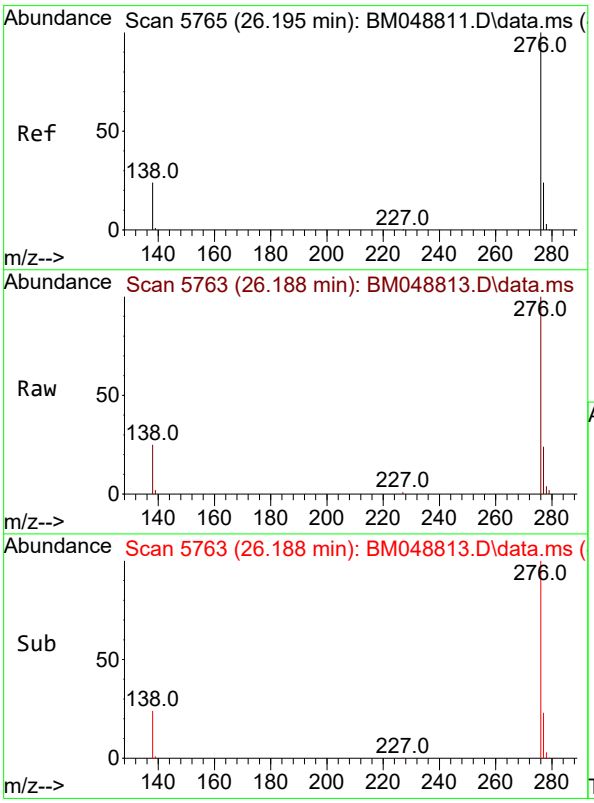
#28
Dibenzo(a,h)anthracene
Concen: 1.250 ng/ul
RT: 25.558 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Tgt Ion:278 Resp: 33212

Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.6	27.8
279	25.0	24.7	37.1





#29
Benzo(g,h,i)perylene
Concen: 1.285 ng/ul
RT: 26.188 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM048813.D
Acq: 02 Dec 2024 19:55

Tgt Ion:276 Resp: 36378

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.2	33.2
277	23.8	21.8	32.6