Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048139.D
Acq On : 18 Oct 2024 17:20
Operator : RC/JU
Sample : SSTD0.193
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Quant Time: Oct 19 00:41:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:40:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	4641	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	14324	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.431	164	9050	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.182	188	17671	0.400	ng/ul	0.00
17) Chrysene-d12	21.339	240	16652	0.400	ng/ul	0.00
23) Perylene-d12	23.598	264	16344	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.244	96	808	0.136	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152	2057	0.108	ng/ul	0.04
18) Fluoranthene-d10	19.196	212	4831	0.095	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	1066	0.149	ng/ul#	79
5) Naphthalene	10.666	128	4119	0.105	ng/ul#	79
7) 2-Methylnaphthalene	12.315	142	2206	0.094	ng/ul	96
8) 1-Methylnaphthalene	12.497	142	2793	0.114	ng/ul	98
10) Acenaphthylene	14.154	152	4209	0.096	ng/ul#	91
11) Acenaphthene	14.491	153	3070	0.102	ng/ul	97
12) Fluorene	15.509	166	3221	0.094	ng/ul#	97
14) Pentachlorophenol	16.853	266	647	0.122	ng/ul	94
15) Phenanthrene	17.229	178	4503	0.086	ng/ul#	91
16) Anthracene	17.330	178	4316	0.092	ng/ul#	88
19) Fluoranthene	19.224	202	6856	0.098	ng/ul#	95
20) Pyrene	19.586	202	7454	0.100	ng/ul	97
21) Benzo(a)anthracene	21.327	228	5725	0.081	ng/ul	96
22) Chrysene	21.377	228	9626	0.131	ng/ul	98
24) Benzo(b)fluoranthene	22.920	252	7712	0.108	ng/ul	71
25) Benzo(k)fluoranthene	22.964	252	9296	0.130	ng/ul#	71
26) Benzo(a)pyrene	23.508	252	5472	0.098	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.920	276	8958	0.100	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.937	278	6905	0.103	ng/ul#	73
29) Benzo(g,h,i)perylene	26.614	276	7594	0.106	ng/ul#	85

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
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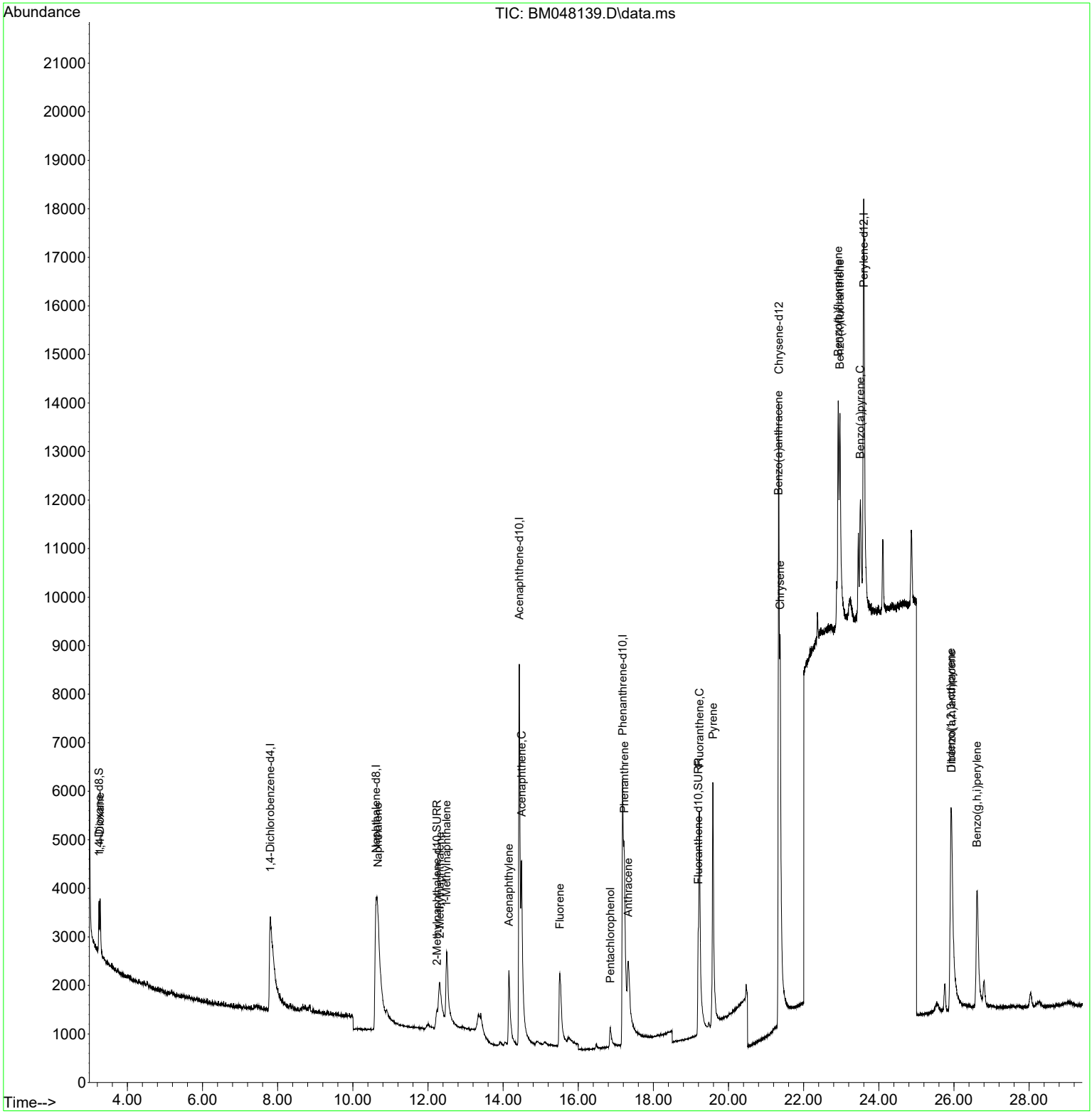
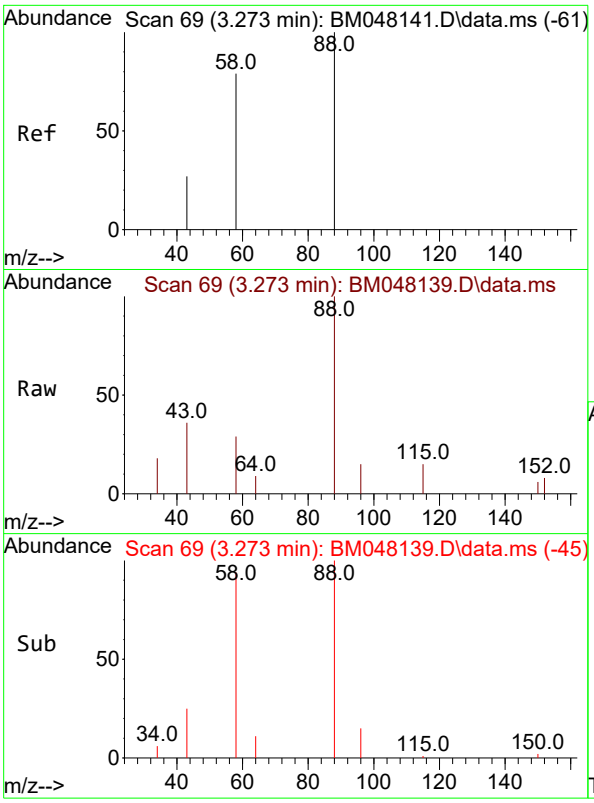


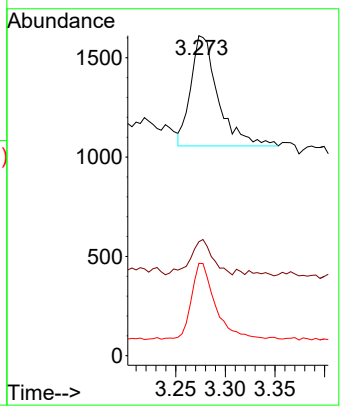


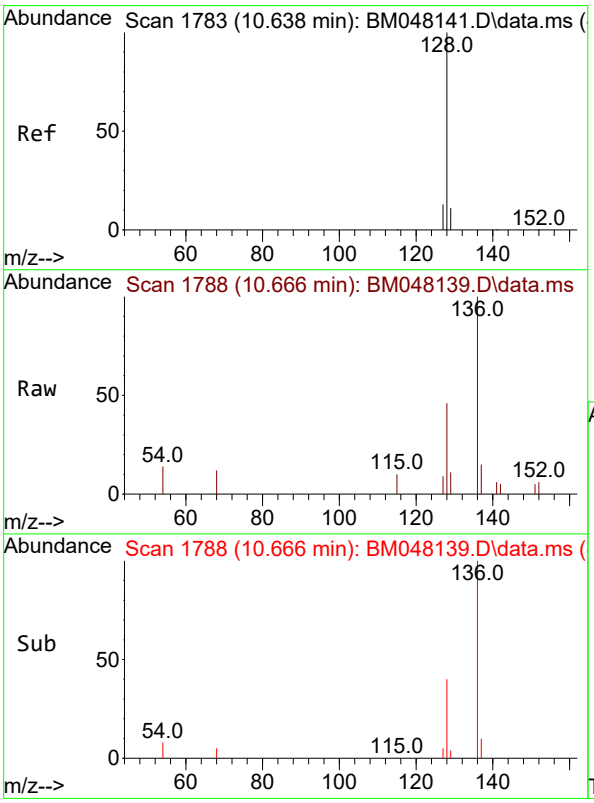
#2
1,4-Dioxane
Concen: 0.149 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion: 88 Resp: 1066

Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.7	41.5
58	28.9	42.5	63.7#

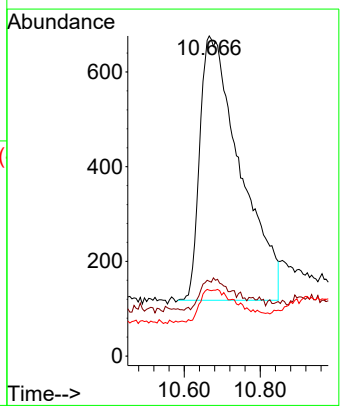


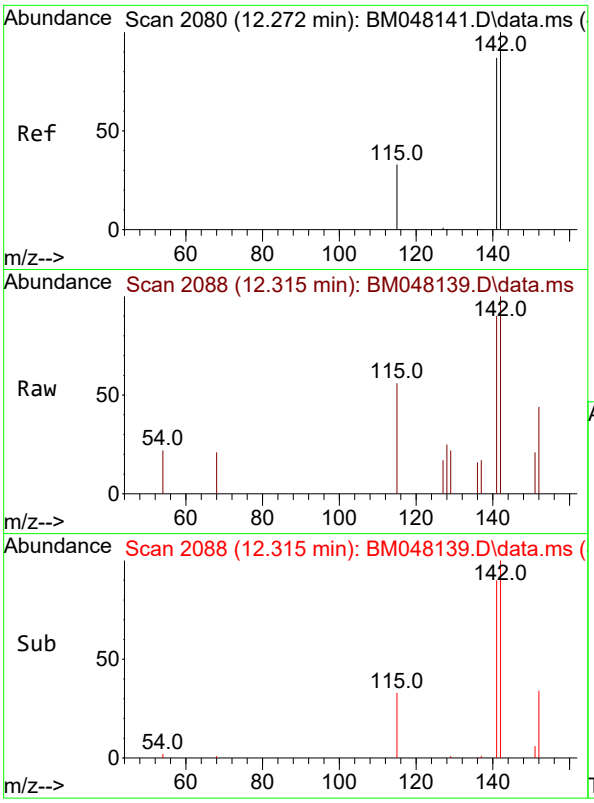


#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. 0.027 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:128 Resp: 4119

Ion	Ratio	Lower	Upper
128	100		
129	23.4	10.6	15.8#
127	20.6	11.3	16.9#



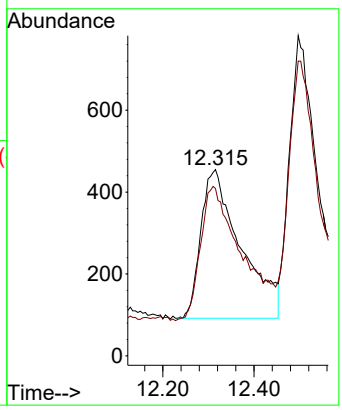


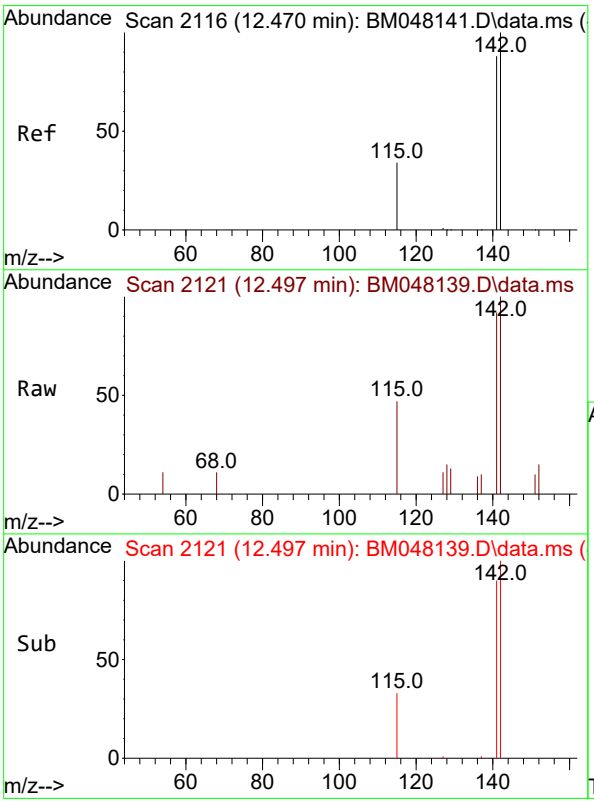
#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.315 min Scan# 2
Delta R.T. 0.044 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:142 Resp: 2206

Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.9	107.9

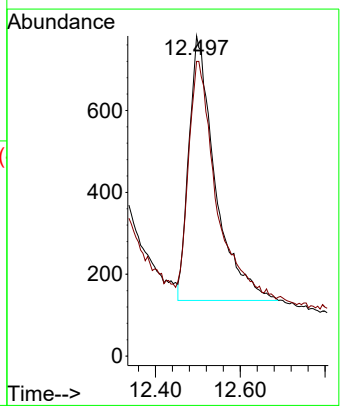


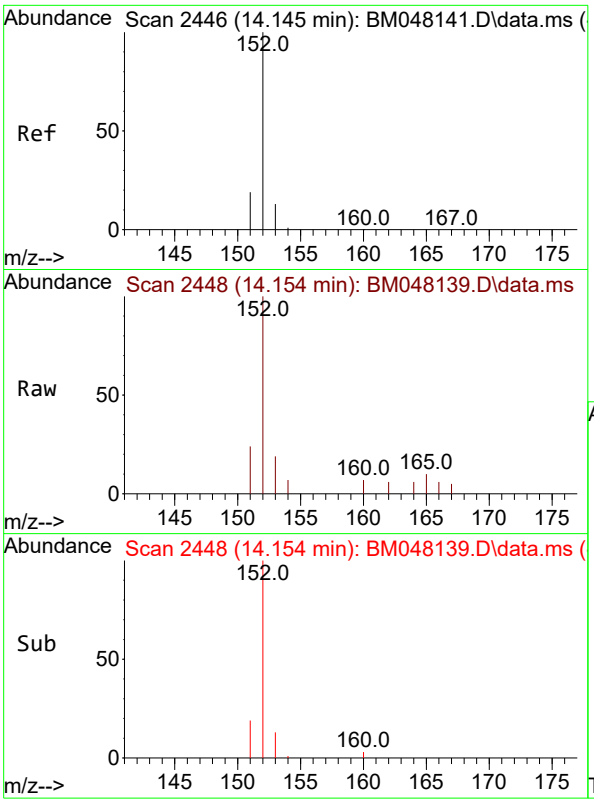


#8
1-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. 0.027 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:142 Resp: 2793

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.8	110.6



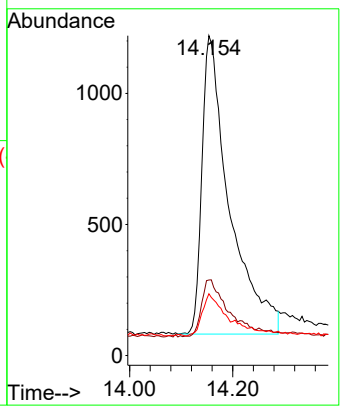


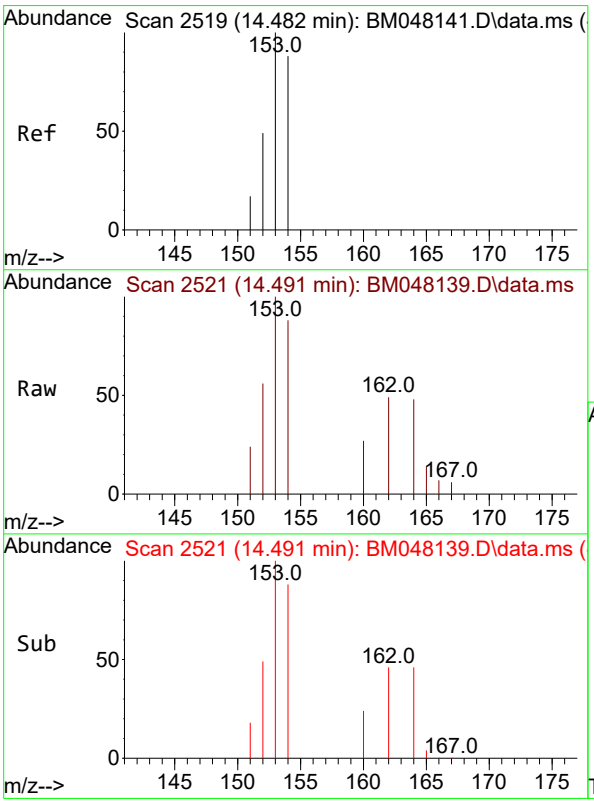
#10
Acenaphthylene
Concen: 0.096 ng/ul
RT: 14.154 min Scan# 24
Delta R.T. 0.009 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:152 Resp: 4209

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.2	24.4
153	19.3	11.7	17.5#

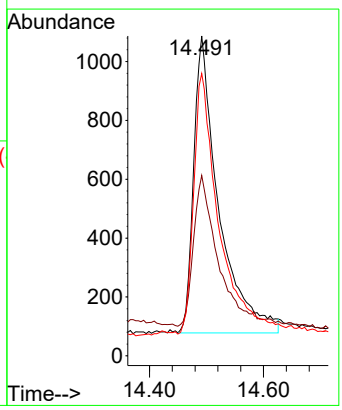


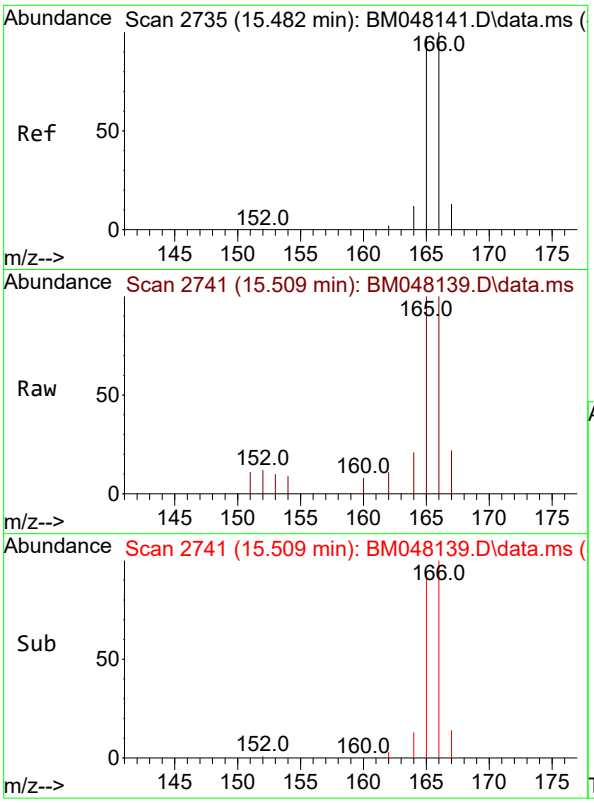


#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.491 min Scan# 2521
Delta R.T. 0.009 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:153 Resp: 3070

Ion	Ratio	Lower	Upper
153	100		
152	56.4	40.9	61.3
154	88.2	71.0	106.4



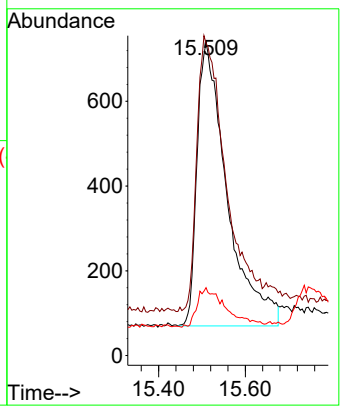


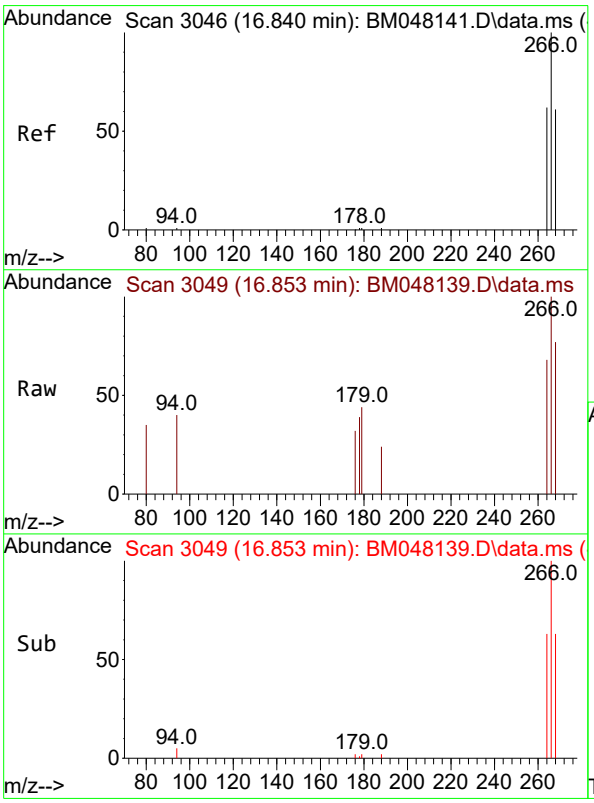
#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.509 min Scan# 2
Delta R.T. 0.028 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:166 Resp: 3221

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.1	118.7
167	21.7	12.0	18.0#

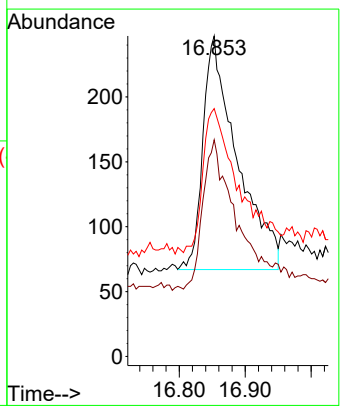


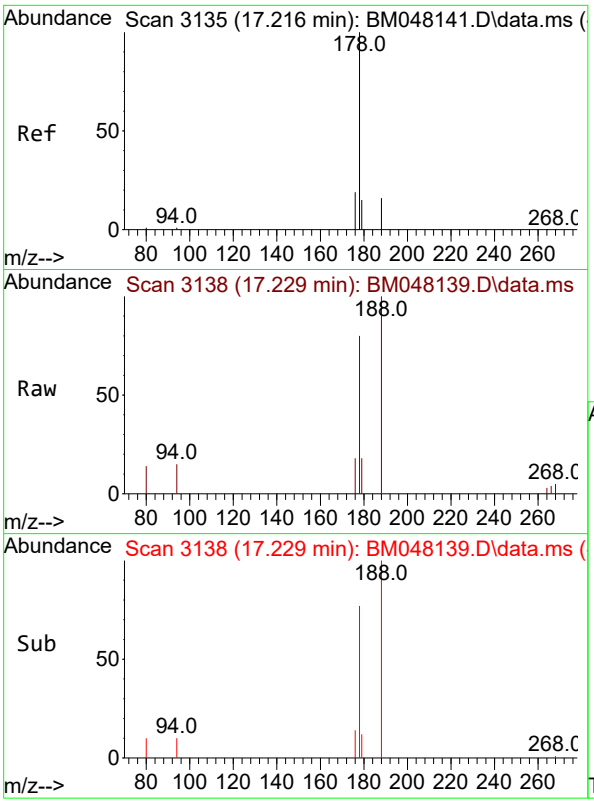


#14
Pentachlorophenol
Concen: 0.122 ng/ul
RT: 16.853 min Scan# 3049
Delta R.T. 0.012 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:266 Resp: 647

Ion	Ratio	Lower	Upper
266	100		
264	69.9	50.2	75.2
268	67.1	51.8	77.6



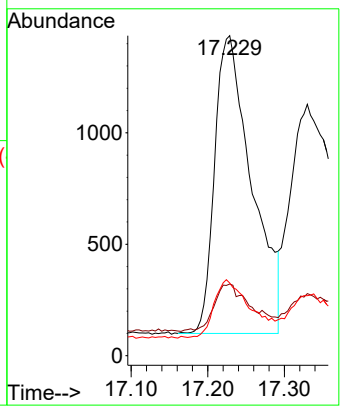


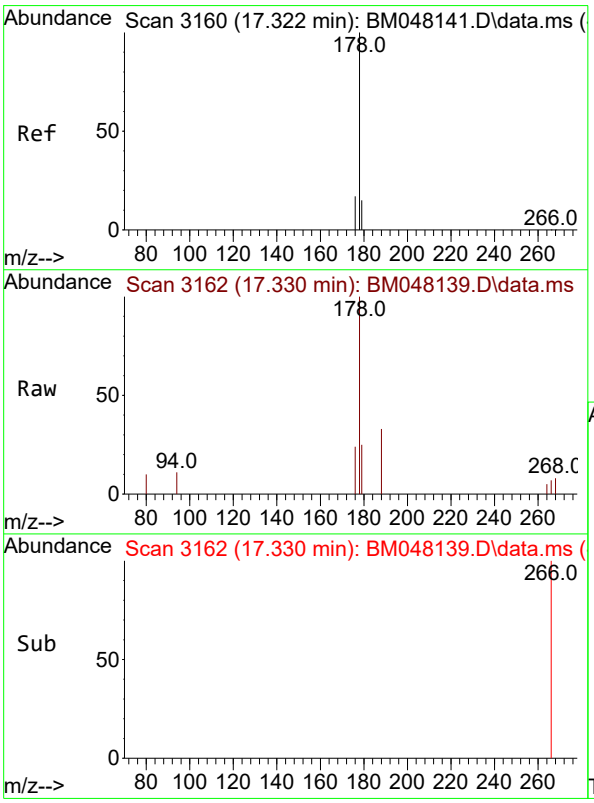
#15
Phenanthrene
Concen: 0.086 ng/ul
RT: 17.229 min Scan# 3
Delta R.T. 0.012 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:178 Resp: 4503

Ion	Ratio	Lower	Upper
178	100		
179	22.4	13.2	19.8#
176	22.7	16.0	24.0

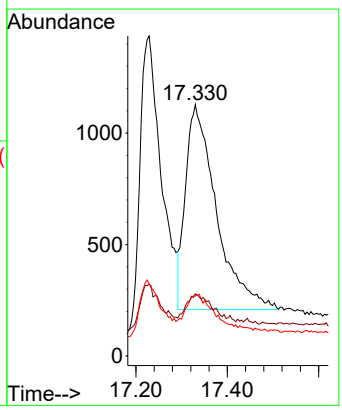


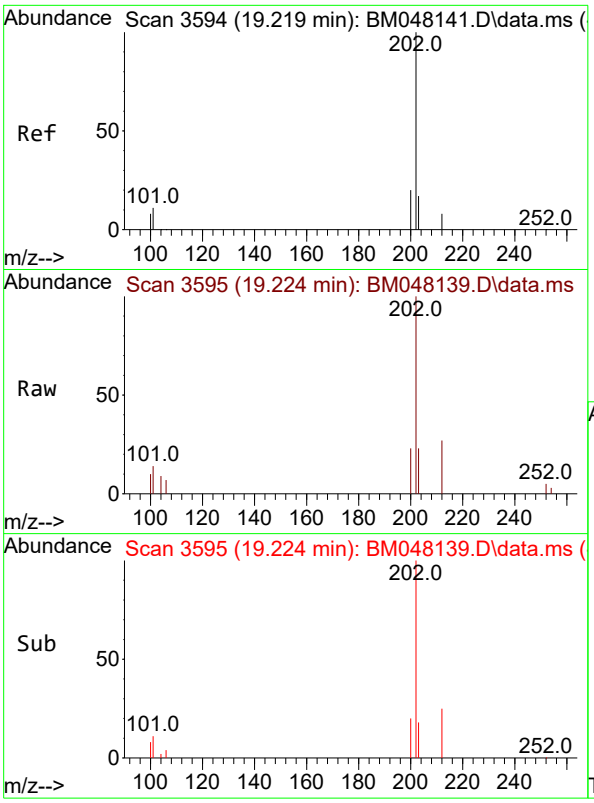


#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.330 min Scan# 3162
Delta R.T. 0.008 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:178 Resp: 4316

Ion	Ratio	Lower	Upper
178	100		
179	24.7	14.5	21.7#
176	23.8	16.0	24.0



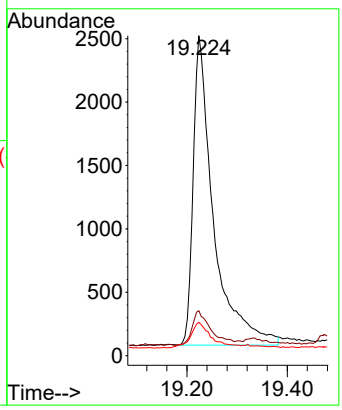


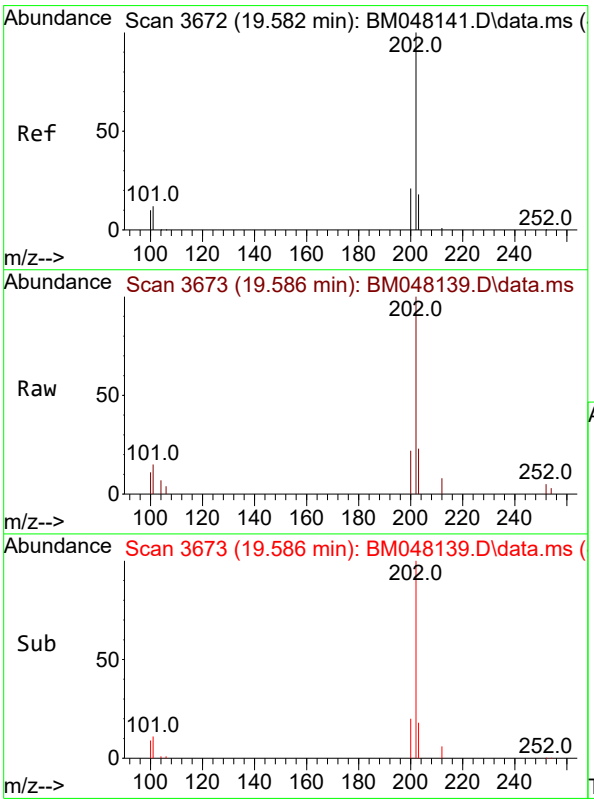
#19
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.224 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:202 Resp: 6856

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.3	13.9#
100	10.4	7.1	10.7

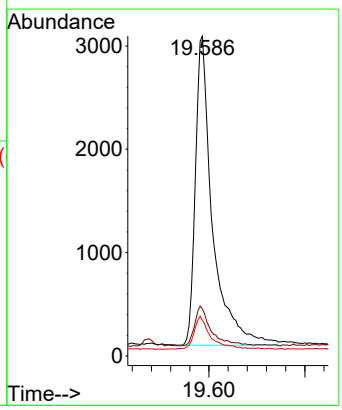


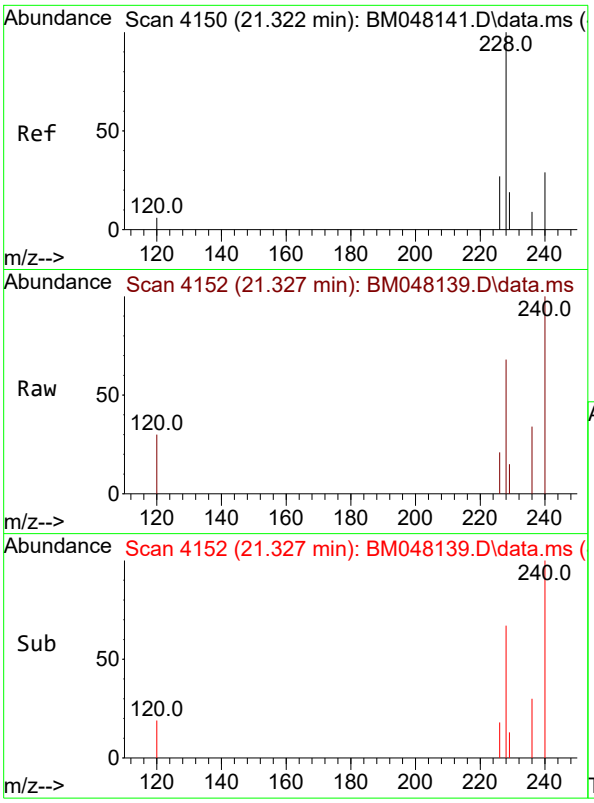


#20
Pyrene
Concen: 0.100 ng/ul
RT: 19.586 min Scan# 3673
Delta R.T. 0.004 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:202 Resp: 7454

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.6	16.0
100	11.2	8.1	12.1



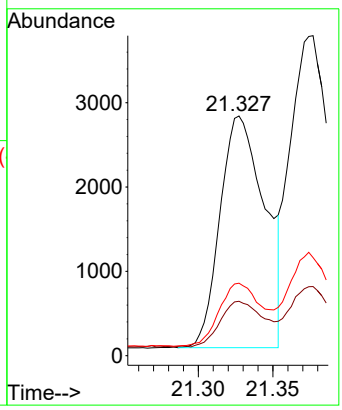


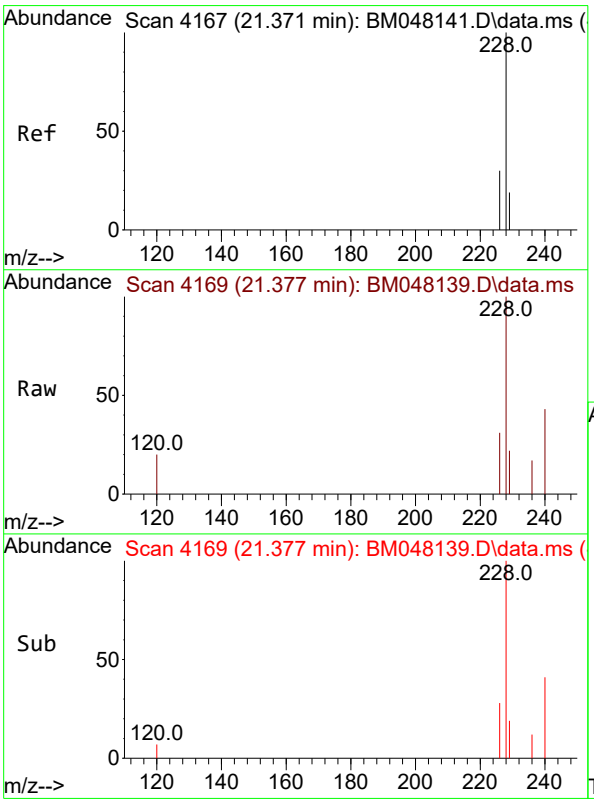
#21
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.327 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:228 Resp: 5725

Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.4	24.6
226	30.3	22.5	33.7

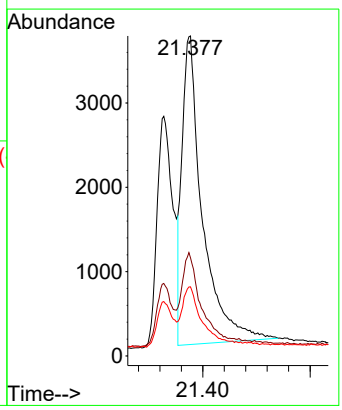


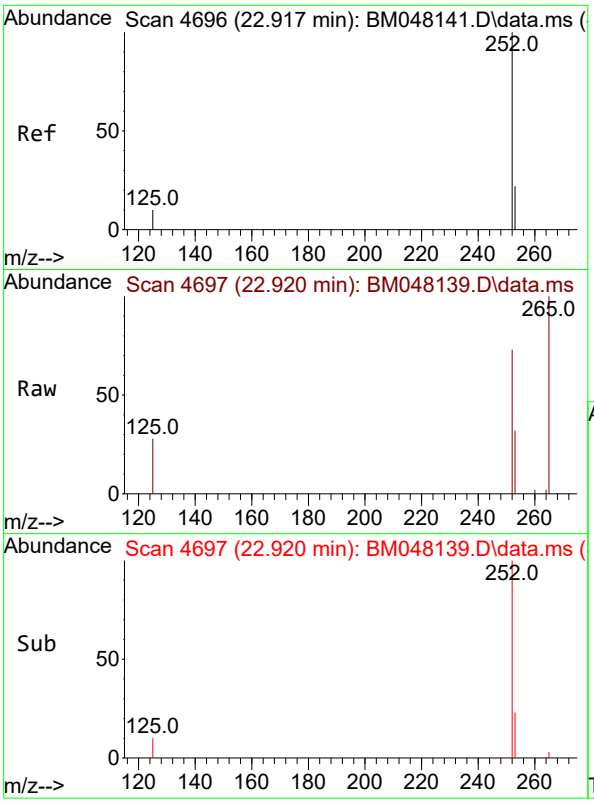


#22
Chrysene
Concen: 0.131 ng/ul
RT: 21.377 min Scan# 4169
Delta R.T. 0.006 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:228 Resp: 9626

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.6	16.1	24.1



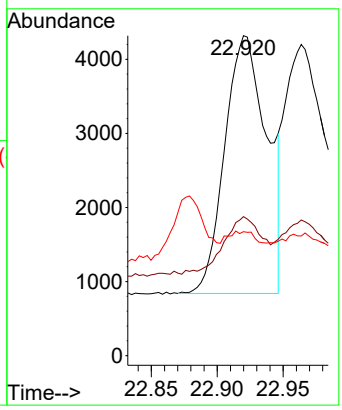


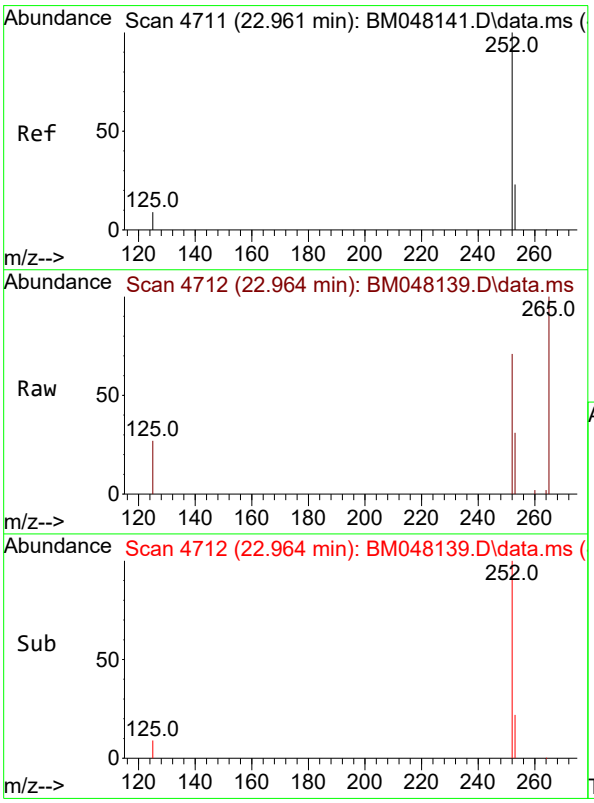
#24
Benzo(b)fluoranthene
Concen: 0.108 ng/ul
RT: 22.920 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:252 Resp: 7712

Ion	Ratio	Lower	Upper
252	100		
253	43.4	0.0	61.6
125	38.8	0.0	42.8

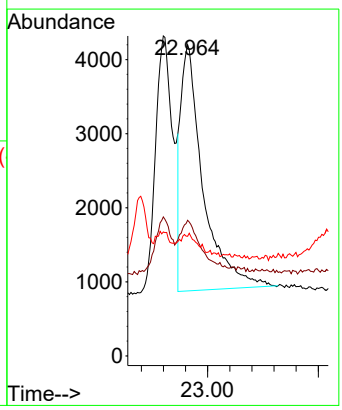


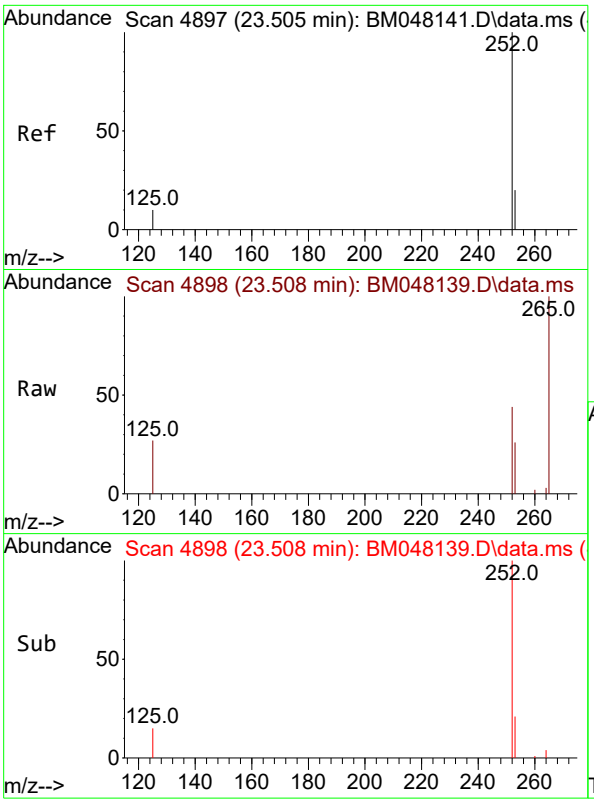


#25
Benzo(k)fluoranthene
Concen: 0.130 ng/ul
RT: 22.964 min Scan# 4712
Delta R.T. 0.003 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:252 Resp: 9296

Ion	Ratio	Lower	Upper
252	100		
253	43.6	24.4	36.6#
125	38.5	16.8	25.2#



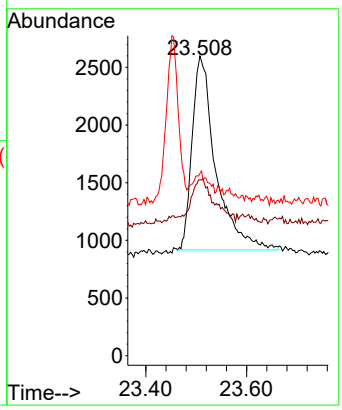


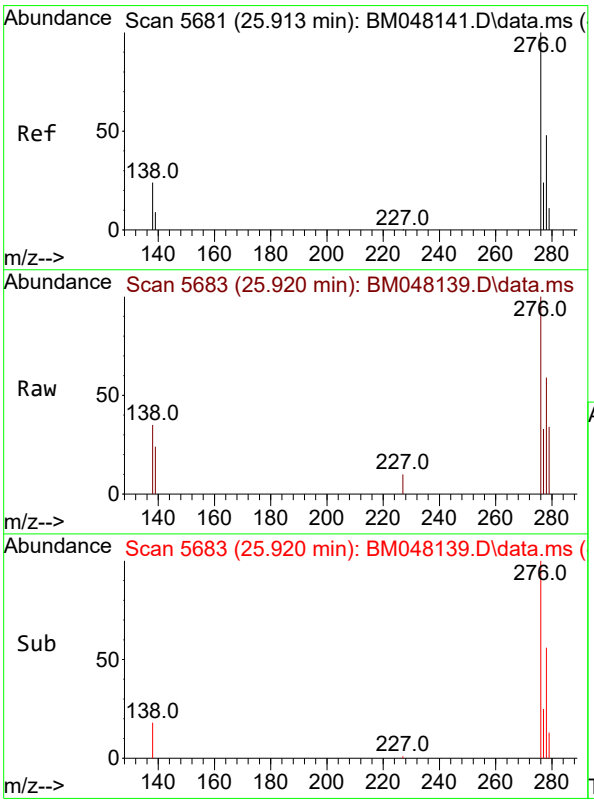
#26
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.508 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:252 Resp: 5472

Ion	Ratio	Lower	Upper
252	100		
253	58.6	29.0	43.4#
125	60.9	24.4	36.6#

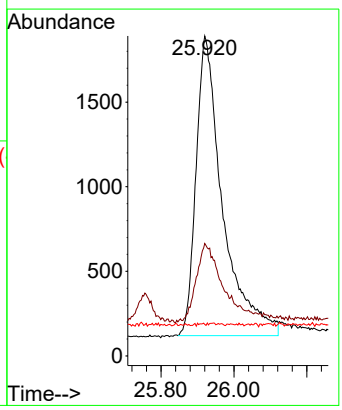


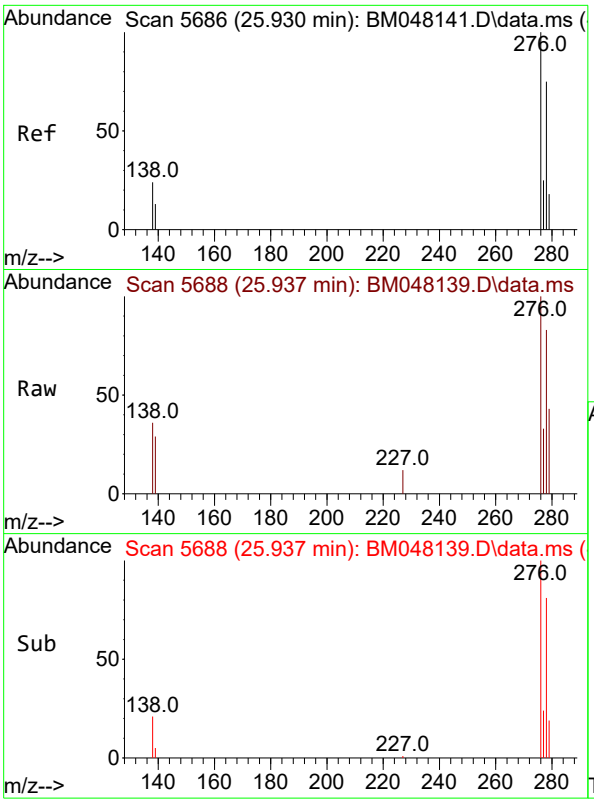


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 25.920 min Scan# 5683
Delta R.T. 0.007 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:276 Resp: 8958

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.2	30.2
227	0.2	0.0	0.0#



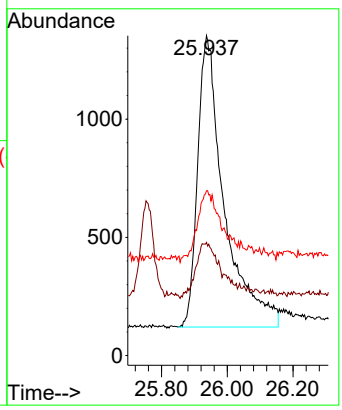


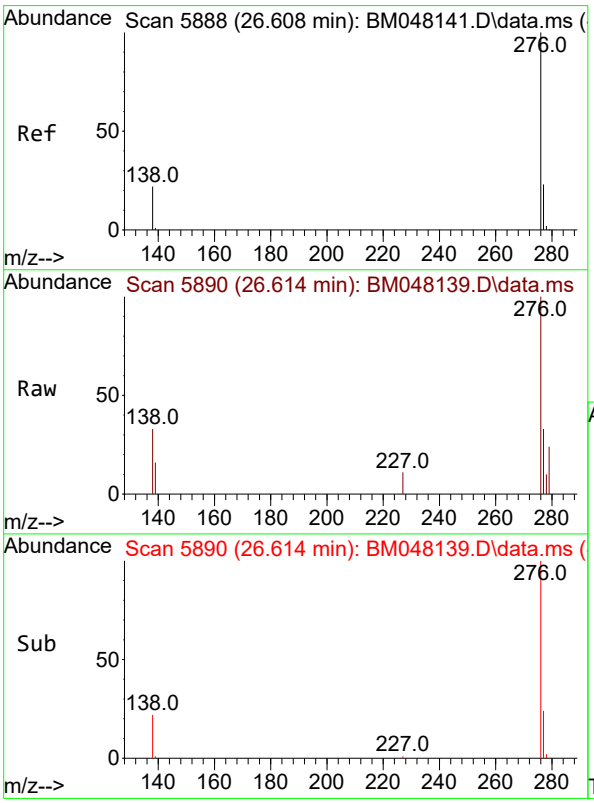
#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.937 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:278 Resp: 6905

Ion	Ratio	Lower	Upper
278	100		
139	35.4	18.9	28.3#
279	51.5	27.6	41.4#





#29
Benzo(g,h,i)perylene
Concen: 0.106 ng/ul
RT: 26.614 min Scan# 5890
Delta R.T. 0.007 min
Lab File: BM048139.D
Acq: 18 Oct 2024 17:20

Tgt Ion:276 Resp: 7594

Ion	Ratio	Lower	Upper
276	100		
138	33.1	20.3	30.5#
277	32.6	20.4	30.6#