Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048141.D
Acq On : 18 Oct 2024 18:32
Operator : RC/JU
Sample : SSTD0.495
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Quant Time: Oct 19 00:42:05 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	7.801	152	5241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.589	136	17248	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.418	164	9839	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	19041	0.400	ng/ul	0.00
17) Chrysene-d12	21.336	240	17049	0.400	ng/ul	0.00
23) Perylene-d12	23.598	264	16460	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3015	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	9227	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.191	212	18844	0.361	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	3660	0.454	ng/ul	100
5) Naphthalene	10.638	128	18031	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.272	142	10356	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.470	142	11649	0.394	ng/ul	100
10) Acenaphthylene	14.145	152	17418	0.364	ng/ul	100
11) Acenaphthene	14.482	153	12667	0.386	ng/ul	100
12) Fluorene	15.482	166	13512	0.364	ng/ul	100
14) Pentachlorophenol	16.840	266	2341	0.409	ng/ul	100
15) Phenanthrene	17.216	178	17975	0.318	ng/ul	100
16) Anthracene	17.322	178	17142	0.341	ng/ul	100
19) Fluoranthene	19.219	202	24936	0.348	ng/ul	100
20) Pyrene	19.582	202	26985	0.353	ng/ul	100
21) Benzo(a)anthracene	21.322	228	18468	0.256	ng/ul	100
22) Chrysene	21.371	228	30065	0.401	ng/ul	100
24) Benzo(b)fluoranthene	22.917	252	22192	0.310	ng/ul	100
25) Benzo(k)fluoranthene	22.961	252	27753	0.385	ng/ul	100
26) Benzo(a)pyrene	23.505	252	19711	0.349	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.913	276	28606	0.318	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.930	278	21798	0.321	ng/ul	100
29) Benzo(g,h,i)perylene	26.608	276	24270	0.336	ng/ul	100

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

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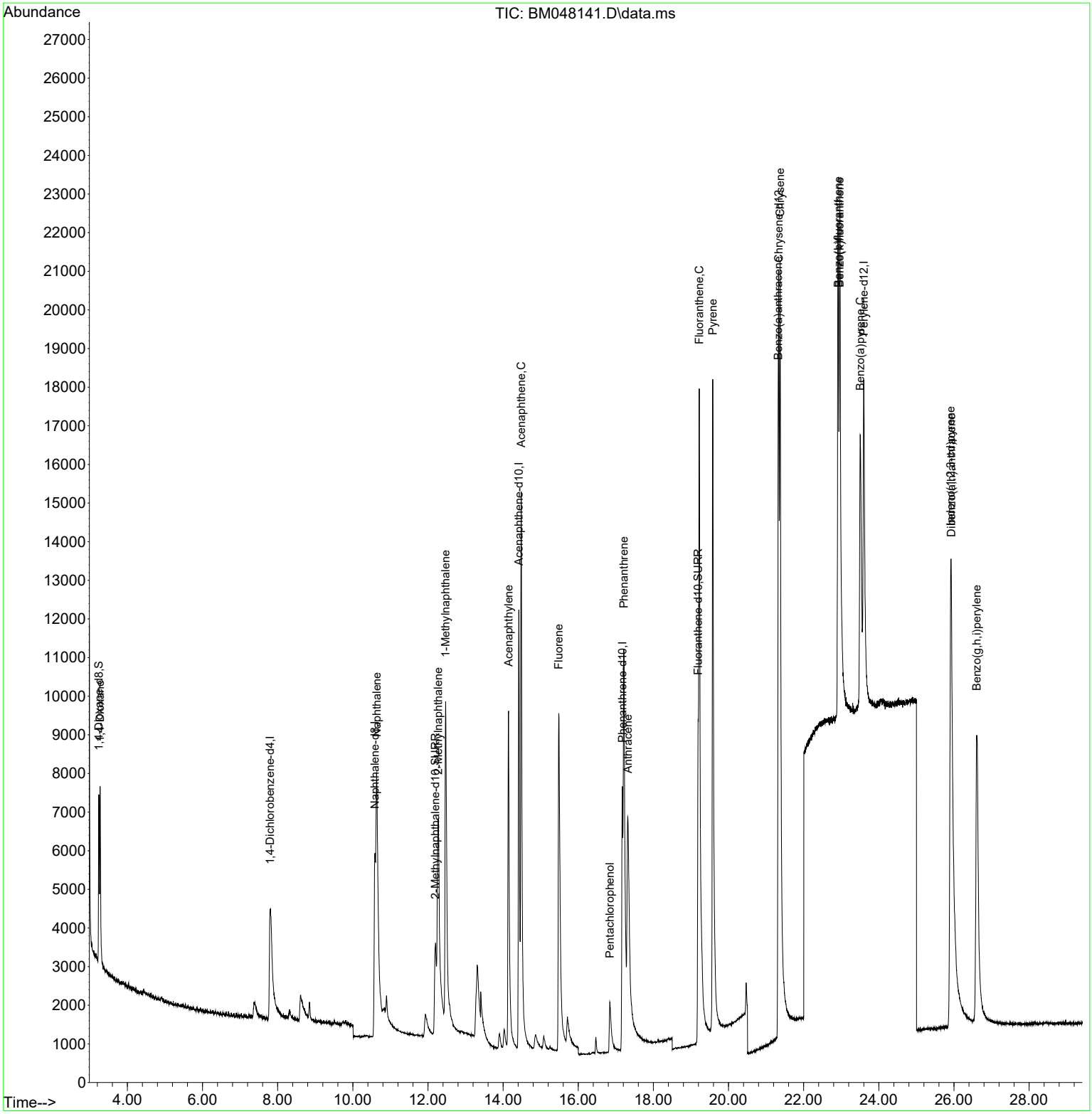
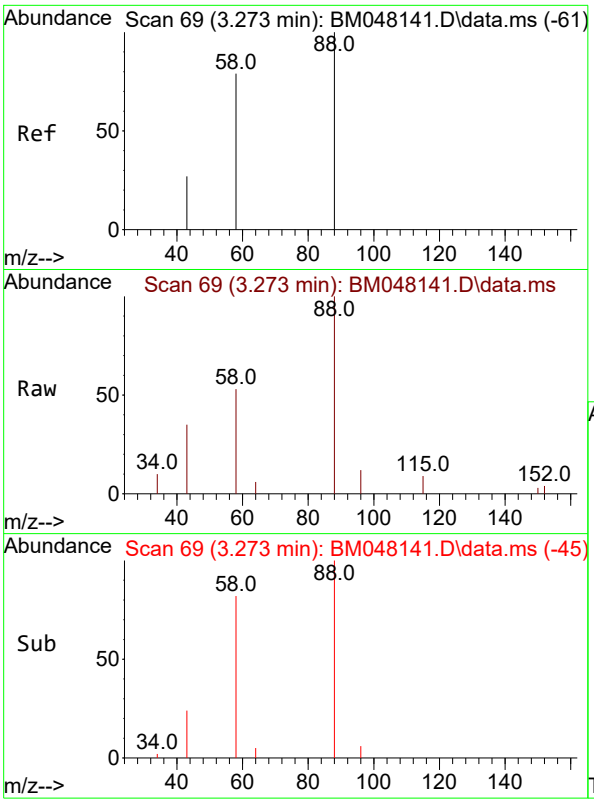


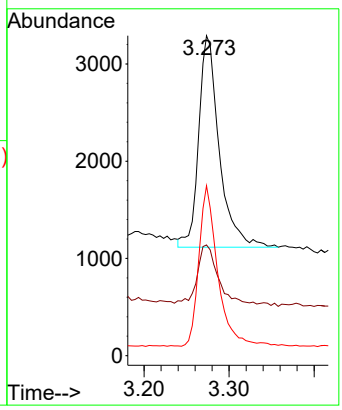


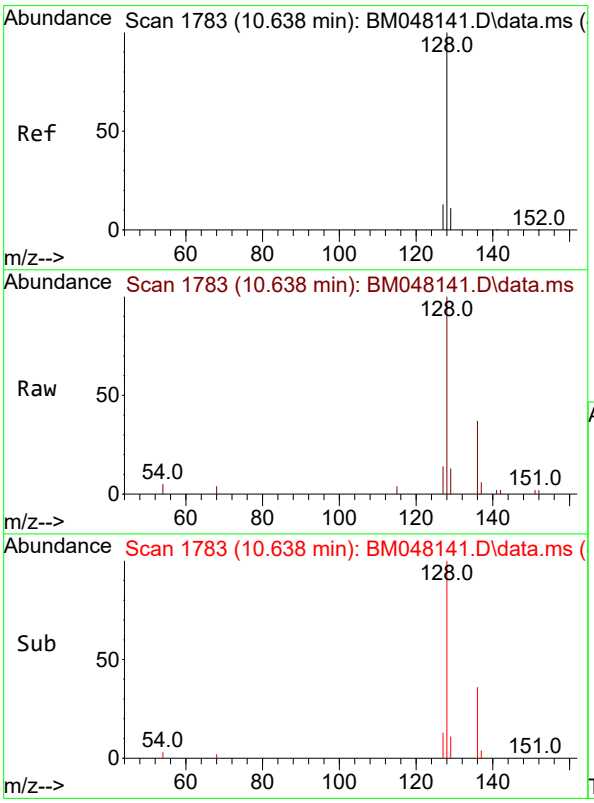
#2
1,4-Dioxane
Concen: 0.454 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion: 88 Resp: 3660

Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.7	41.5
58	53.1	42.5	63.7

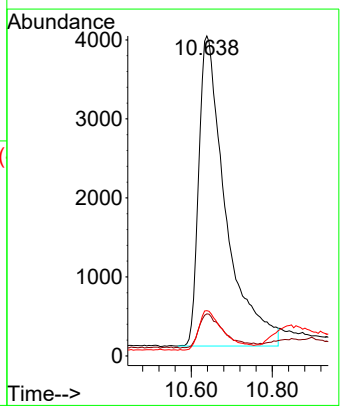


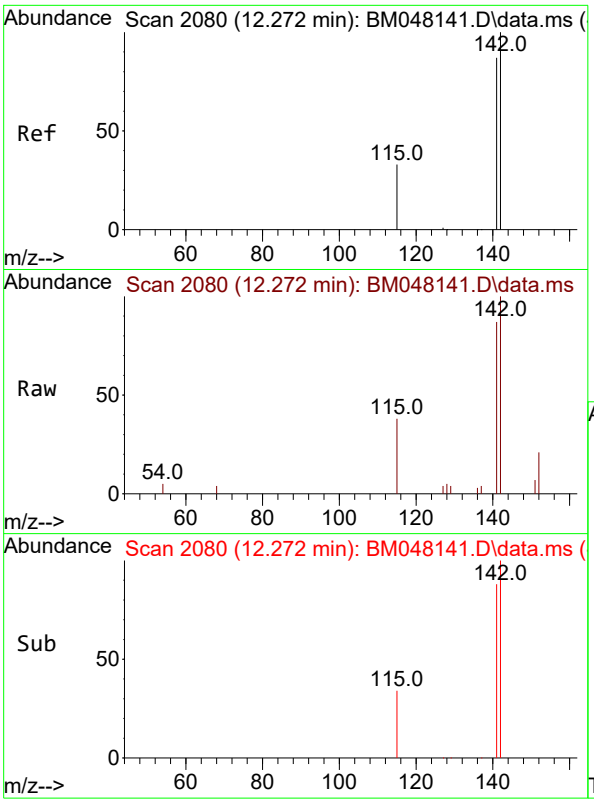


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.638 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:128 Resp: 18031

Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.6	15.8
127	14.1	11.3	16.9



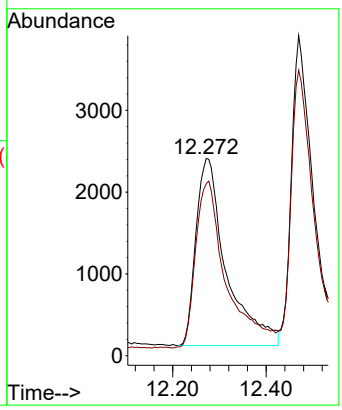


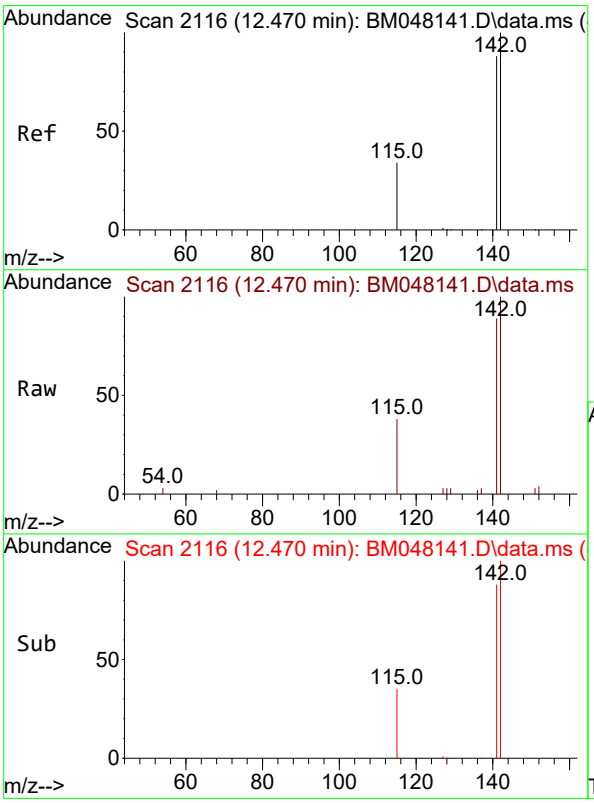
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.272 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:142 Resp: 10356

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9

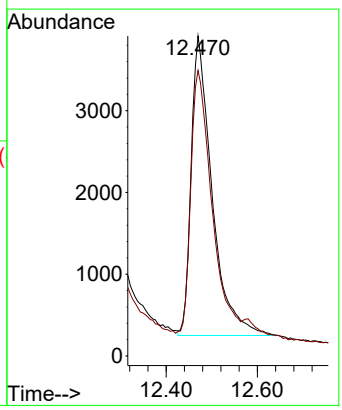


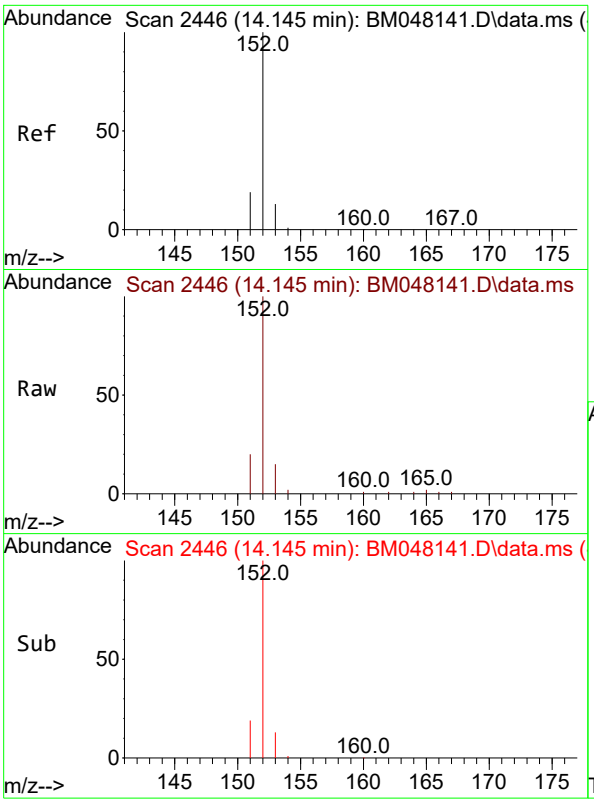


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.470 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:142 Resp: 11649

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6



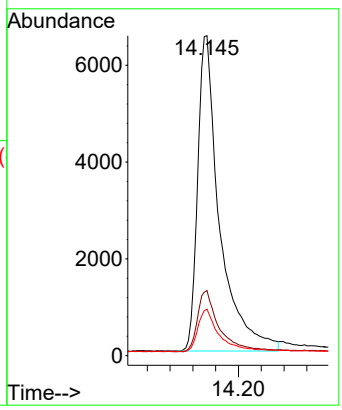


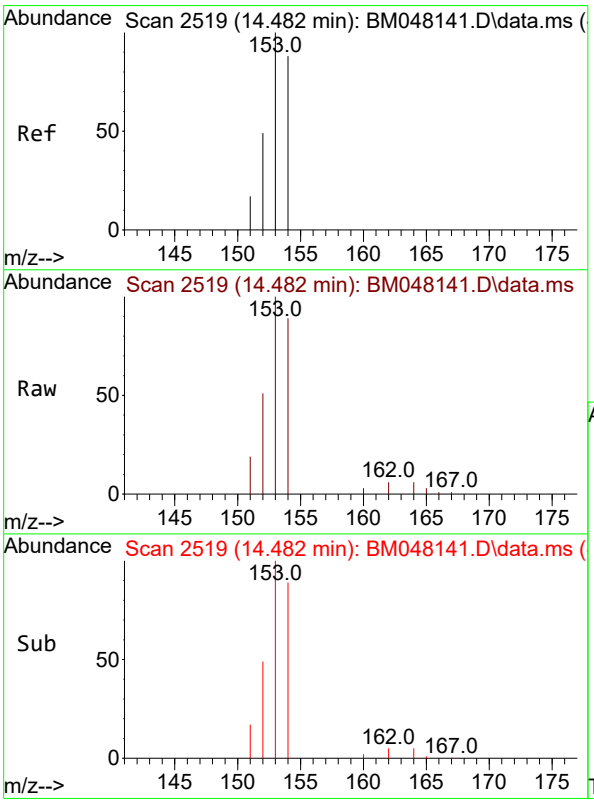
#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.145 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:152 Resp: 17418

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	14.6	11.7	17.5

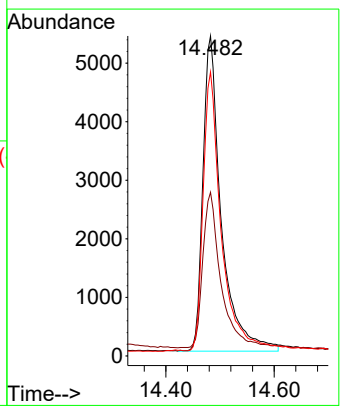


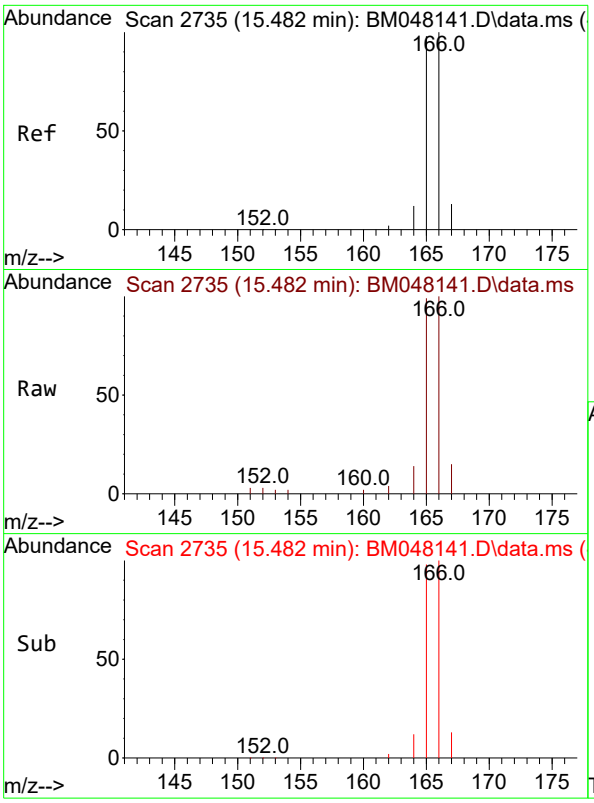


#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.482 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:153 Resp: 12667

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.9	61.3
154	88.7	71.0	106.4



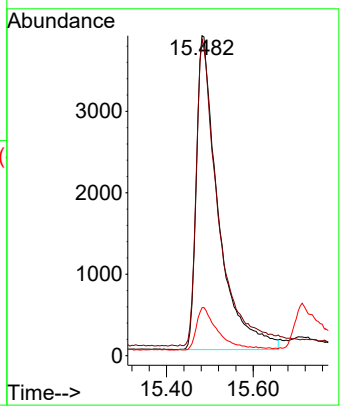


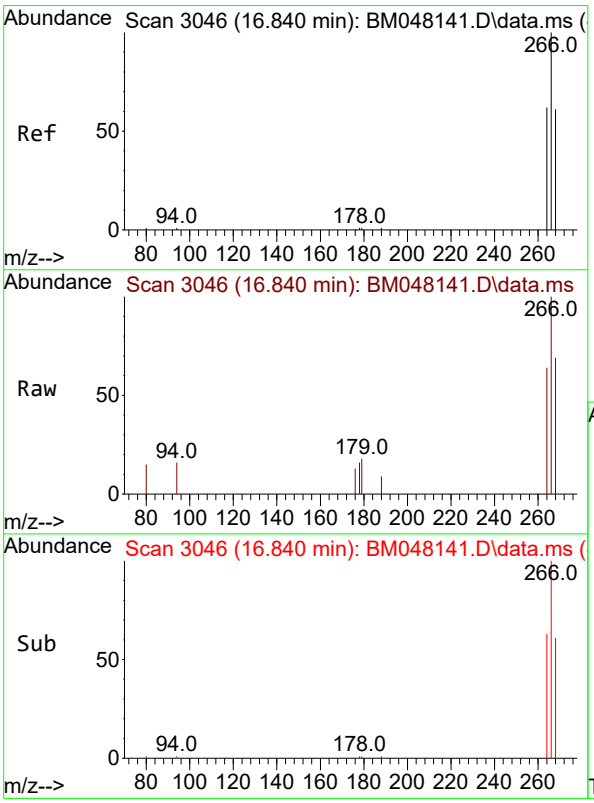
#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.482 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:166 Resp: 13512

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	15.0	12.0	18.0

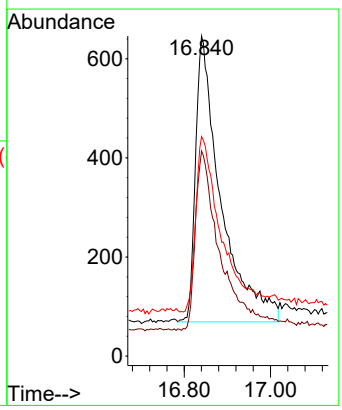


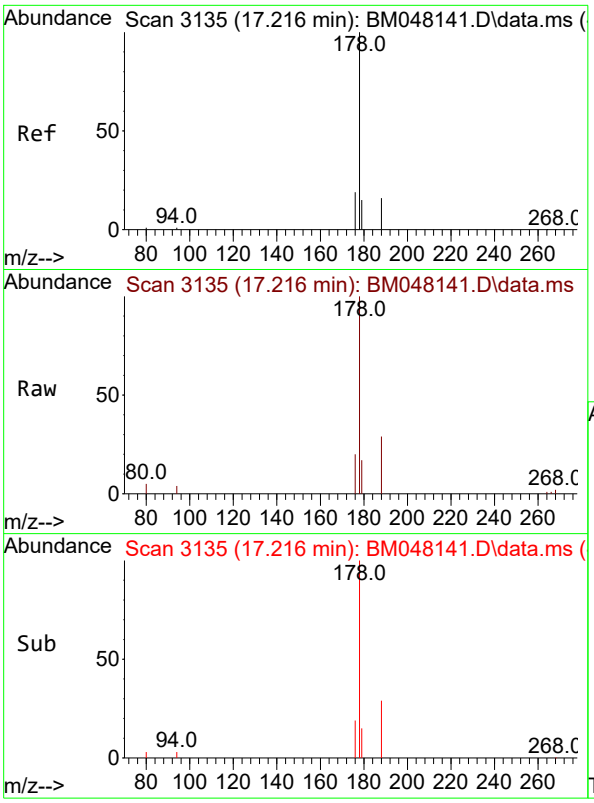


#14
Pentachlorophenol
Concen: 0.409 ng/ul
RT: 16.840 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:266 Resp: 2341

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.2
268	64.7	51.8	77.6



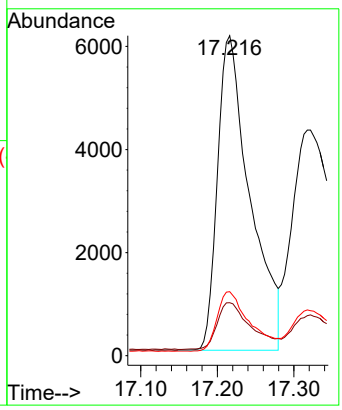


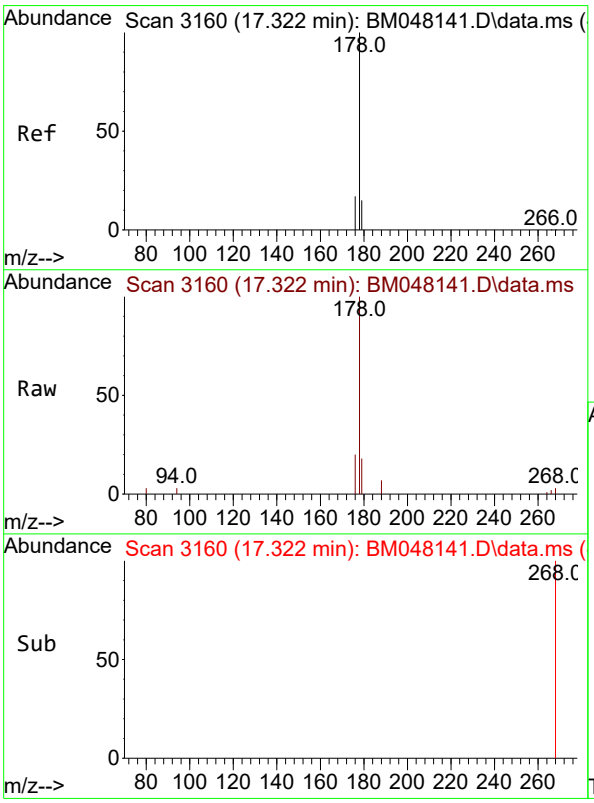
#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.216 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:178 Resp: 17975

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	20.0	16.0	24.0

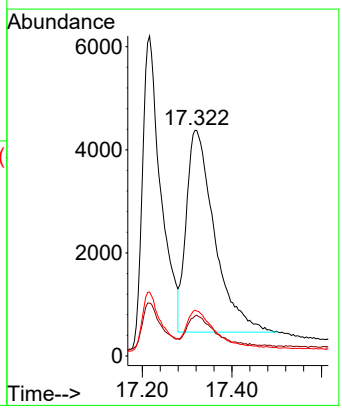


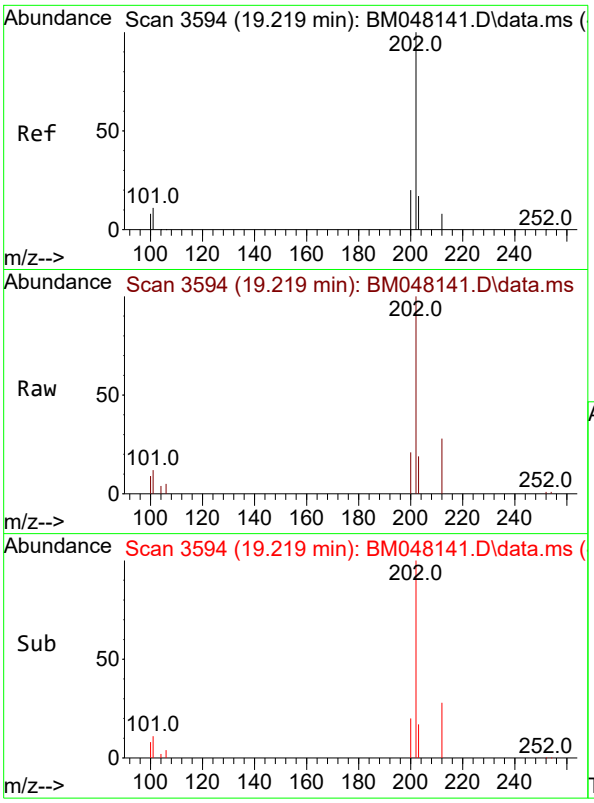


#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.322 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:178 Resp: 17142

Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.5	21.7
176	20.0	16.0	24.0



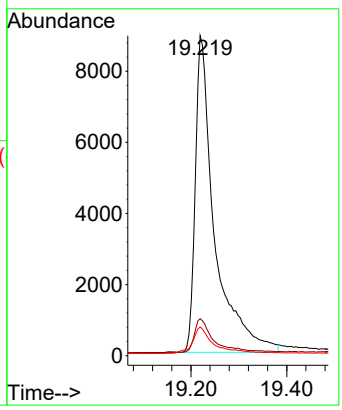


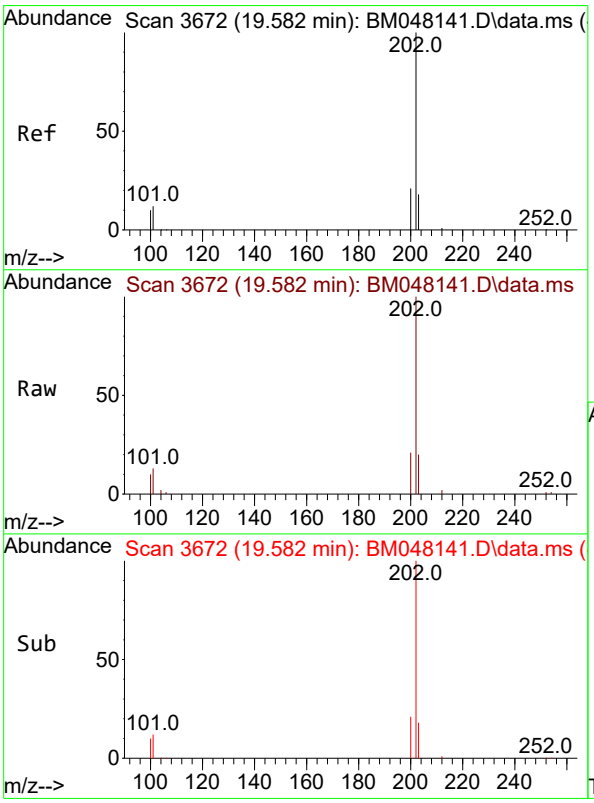
#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.219 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:202 Resp: 24936

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
100	8.9	7.1	10.7

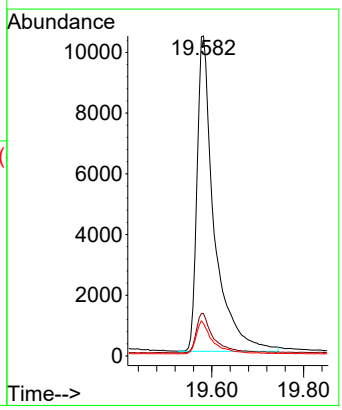


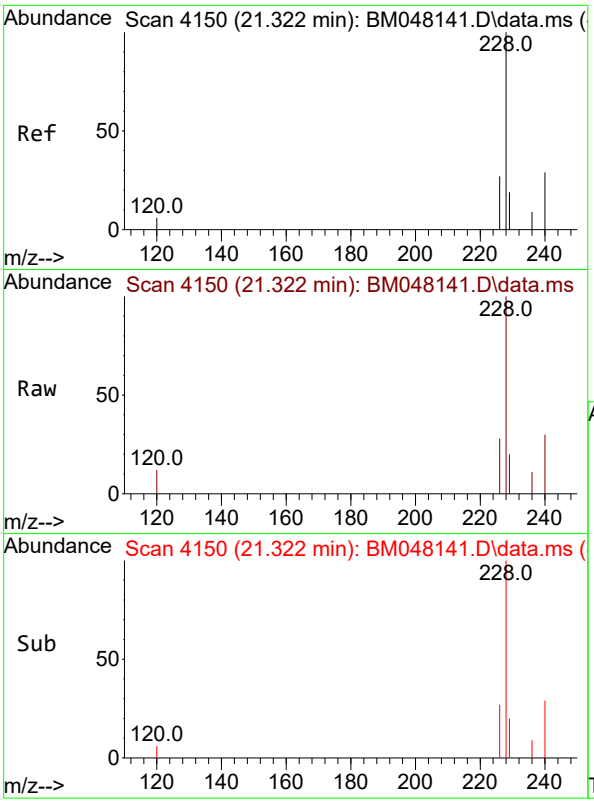


#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.582 min Scan# 3672
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:202 Resp: 26985

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	10.1	8.1	12.1



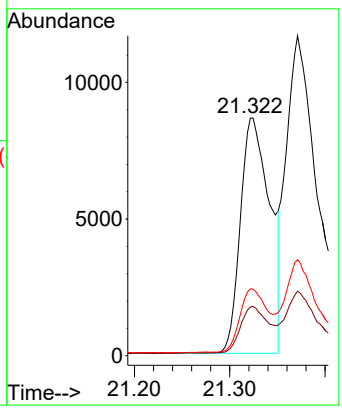


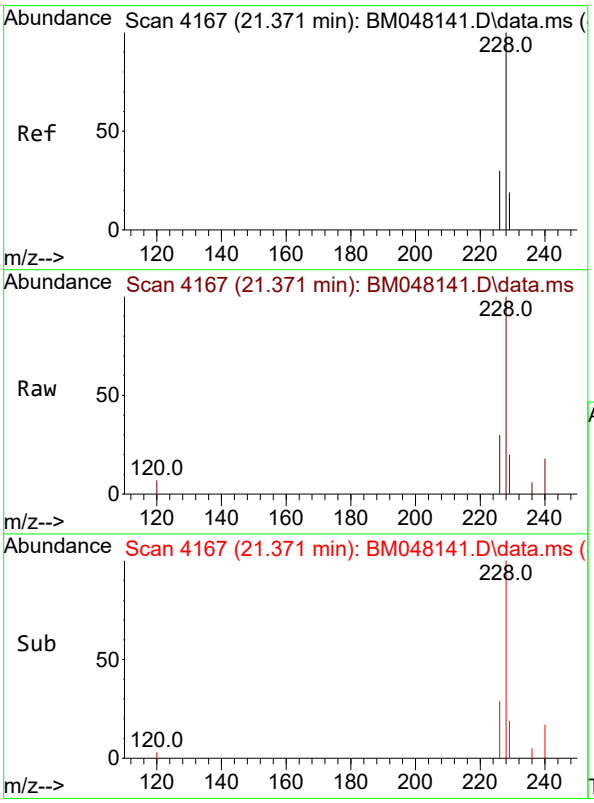
#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.322 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:228 Resp: 18468

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.4	24.6
226	28.1	22.5	33.7

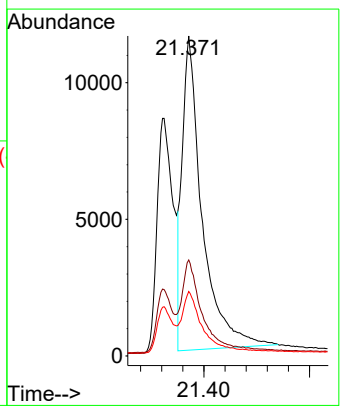


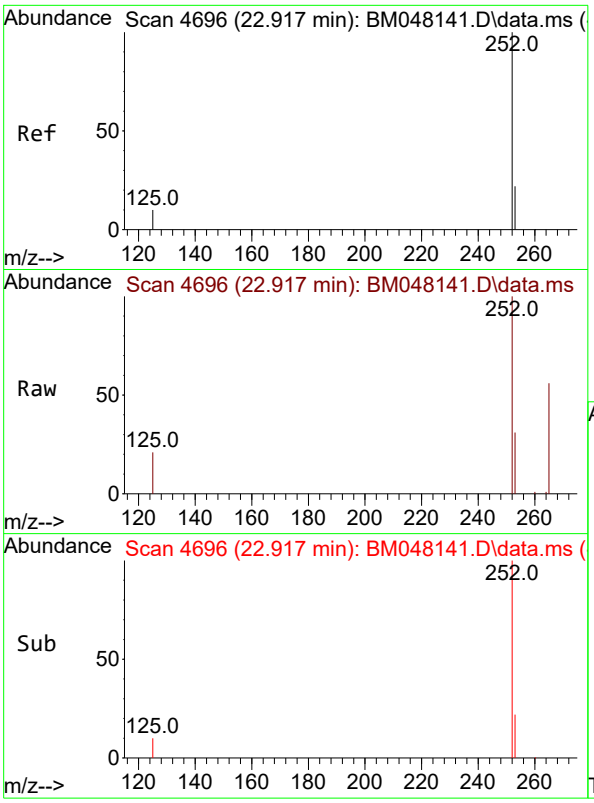


#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.371 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:228 Resp: 30065

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.1	16.1	24.1



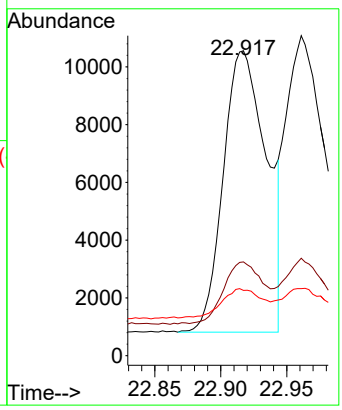


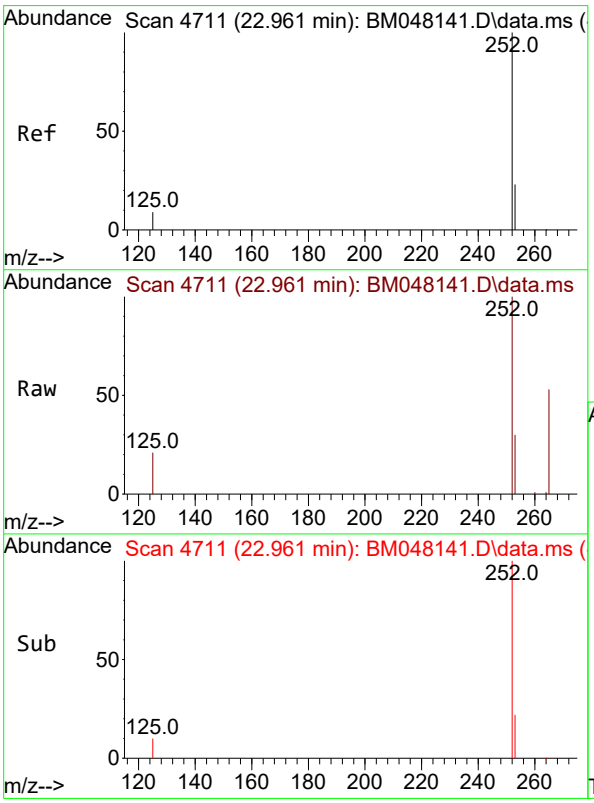
#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 22.917 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:252 Resp: 22192

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	61.6
125	21.4	0.0	42.8

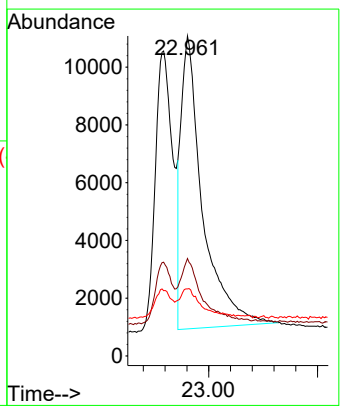


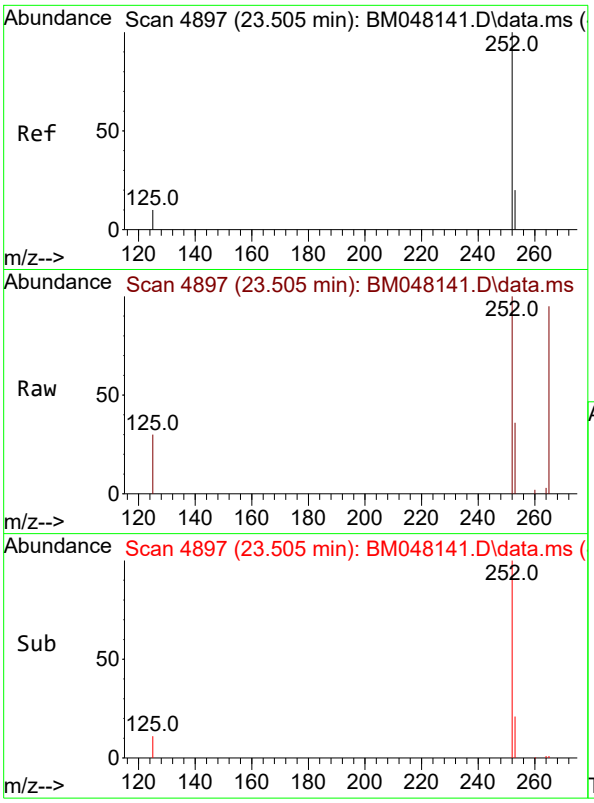


#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:252 Resp: 27753

Ion	Ratio	Lower	Upper
252	100		
253	30.5	24.4	36.6
125	21.0	16.8	25.2



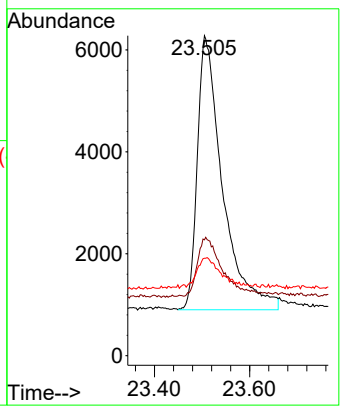


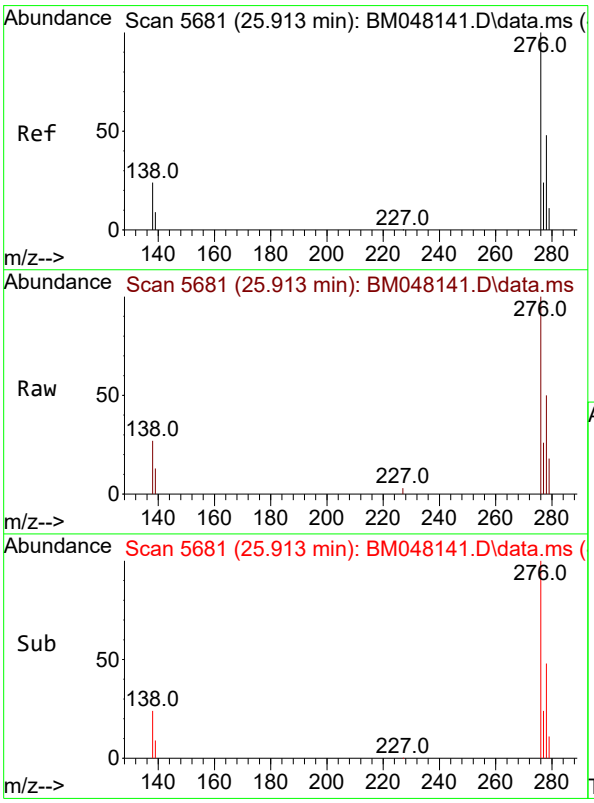
#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.505 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:252 Resp: 19711

Ion	Ratio	Lower	Upper
252	100		
253	36.2	29.0	43.4
125	30.5	24.4	36.6

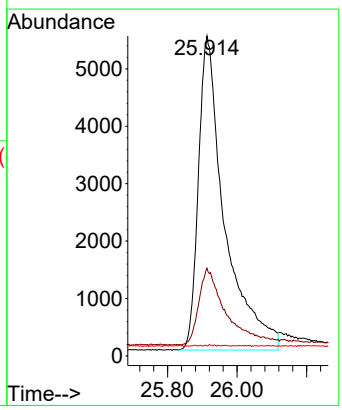


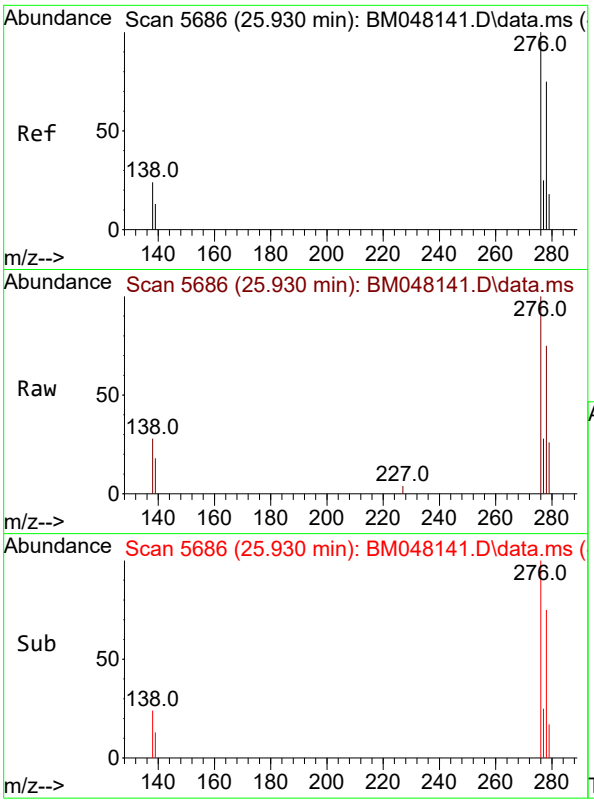


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:276 Resp: 28606

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.2
227	0.0	0.0	0.0#



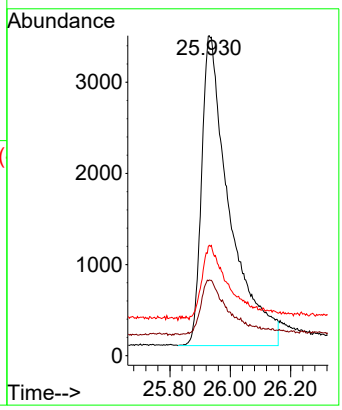


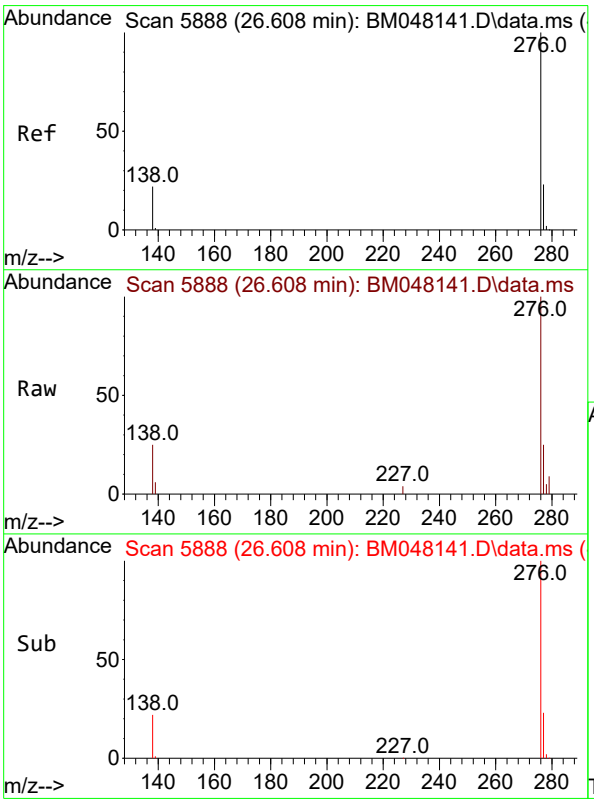
#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 25.930 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:278 Resp: 21798

Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.9	28.3
279	34.5	27.6	41.4





#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. 0.000 min
Lab File: BM048141.D
Acq: 18 Oct 2024 18:32

Tgt Ion:276 Resp: 24270

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.3	30.5
277	25.5	20.4	30.6