Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048412.D
Acq On : 02 Nov 2024 01:57
Operator : RC/JU
Sample : PB164490BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS490

Quant Time: Nov 03 21:51:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	3019	0.400	ng/ul	0.03
4) Naphthalene-d8	10.541	136	11274	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.368	164	6555	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.124	188	13639	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	11502	0.400	ng/ul	0.00
23) Perylene-d12	23.536	264	11483	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3796	1.024	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	6151	0.429	ng/ul	0.02
18) Fluoranthene-d10	19.142	212	14331	0.491	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	9815	2.440	ng/ul#	82
5) Naphthalene	10.590	128	11343	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.229	142	6376	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.416	142	7372	0.395	ng/ul	100
10) Acenaphthylene	14.095	152	9772	0.386	ng/ul	98
11) Acenaphthene	14.433	153	8189	0.403	ng/ul	99
12) Fluorene	15.446	166	8680	0.384	ng/ul	99
14) Pentachlorophenol	16.787	266	2647	0.697	ng/ul	95
15) Phenanthrene	17.171	178	12748	0.376	ng/ul	99
16) Anthracene	17.285	178	11473	0.362	ng/ul	97
19) Fluoranthene	19.174	202	17883	0.451	ng/ul	99
20) Pyrene	19.532	202	19458	0.457	ng/ul	99
21) Benzo(a)anthracene	21.283	228	13411	0.389	ng/ul	99
22) Chrysene	21.330	228	22700	0.479	ng/ul	100
24) Benzo(b)fluoranthene	22.861	252	17131	0.437	ng/ul	99
25) Benzo(k)fluoranthene	22.902	252	21886	0.471	ng/ul	100
26) Benzo(a)pyrene	23.443	252	16520	0.448	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.822	276	22369	0.434	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.853	278	17335	0.431	ng/ul	100
29) Benzo(g,h,i)perylene	26.500	276	19315	0.445	ng/ul	99

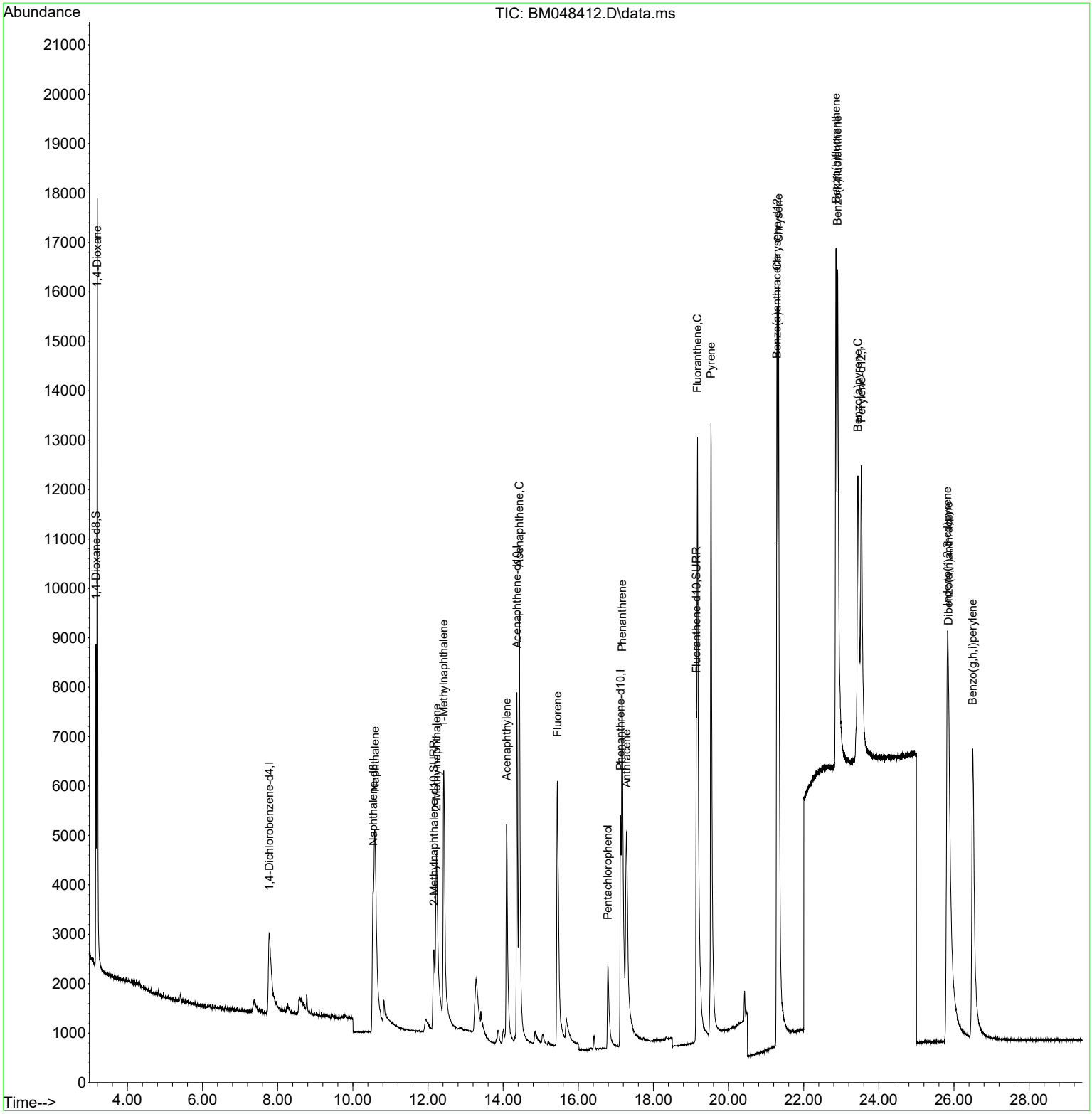
(#) = qualifier out of range (m) = manual integration (+) = signals summed

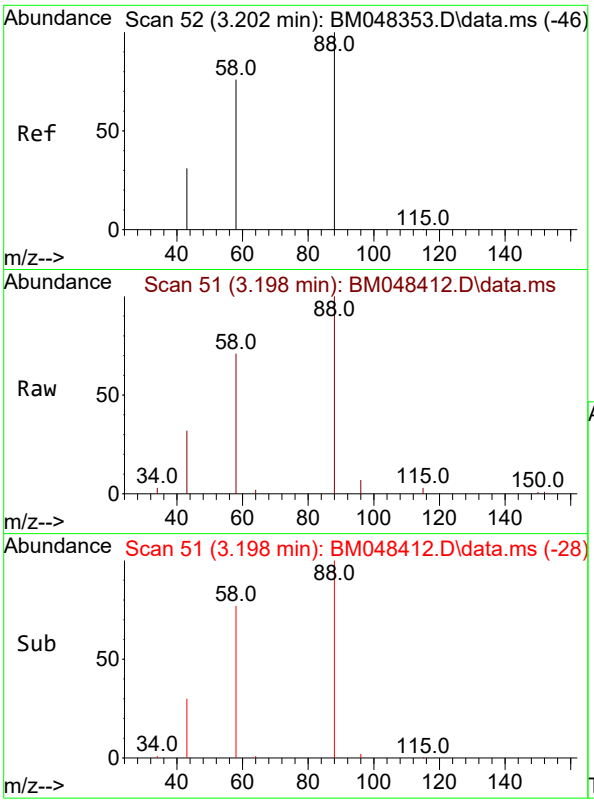
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048412.D
Acq On : 02 Nov 2024 01:57
Operator : RC/JU
Sample : PB164490BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS490

Quant Time: Nov 03 21:51:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



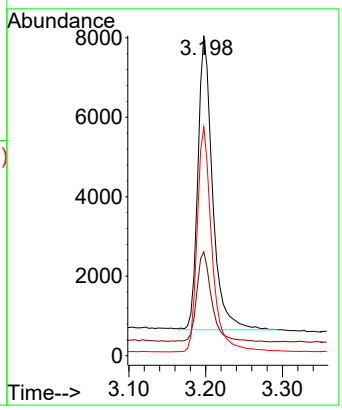


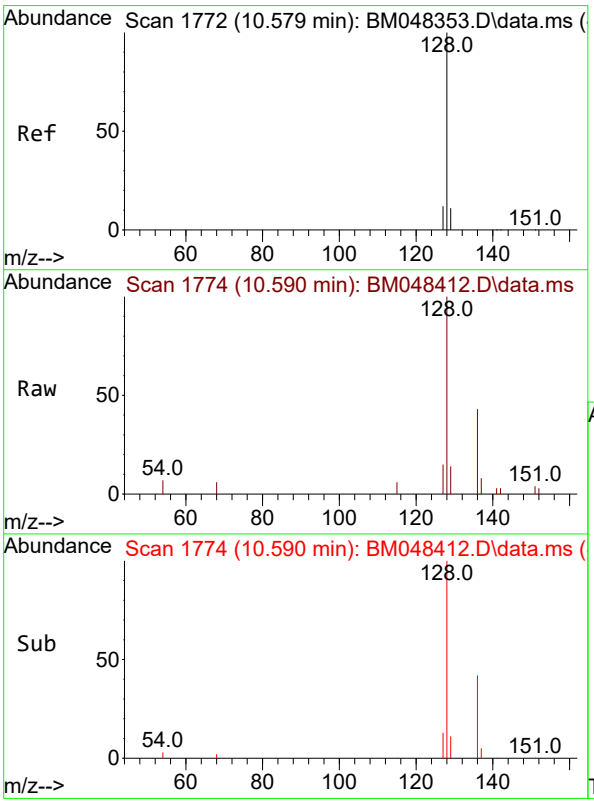
#2
1,4-Dioxane
Concen: 2.440 ng/ul
RT: 3.198 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion: 88 Resp: 9815

Ion	Ratio	Lower	Upper
88	100		
43	32.4	36.2	54.4#
58	71.4	47.4	71.0#

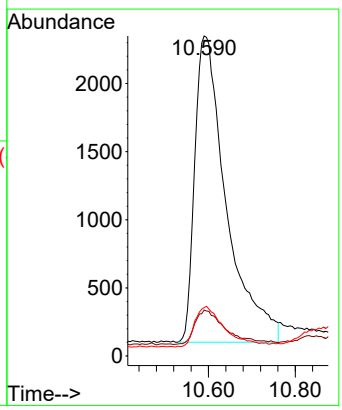


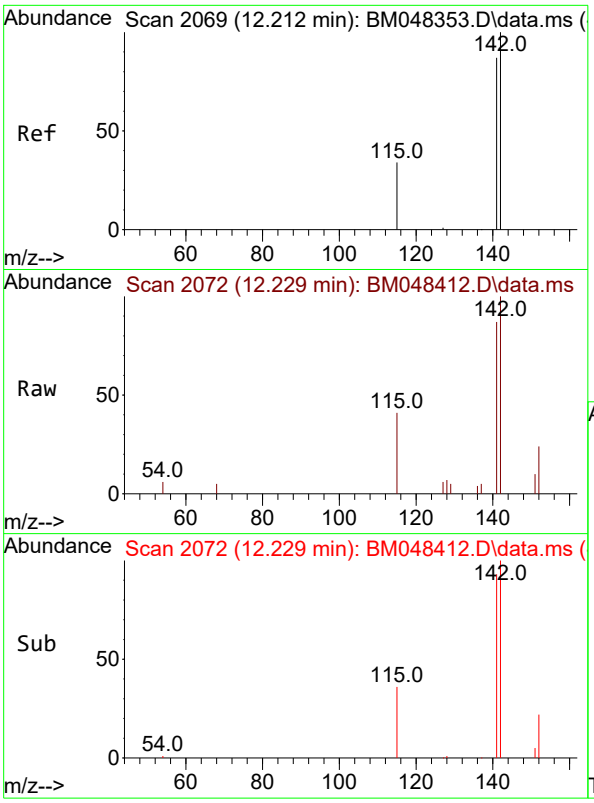


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.590 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:128 Resp: 11343

Ion	Ratio	Lower	Upper
128	100		
129	14.4	10.6	15.8
127	15.1	11.4	17.2



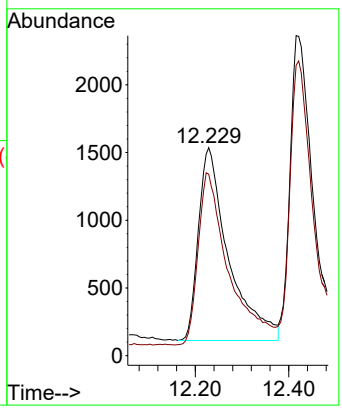


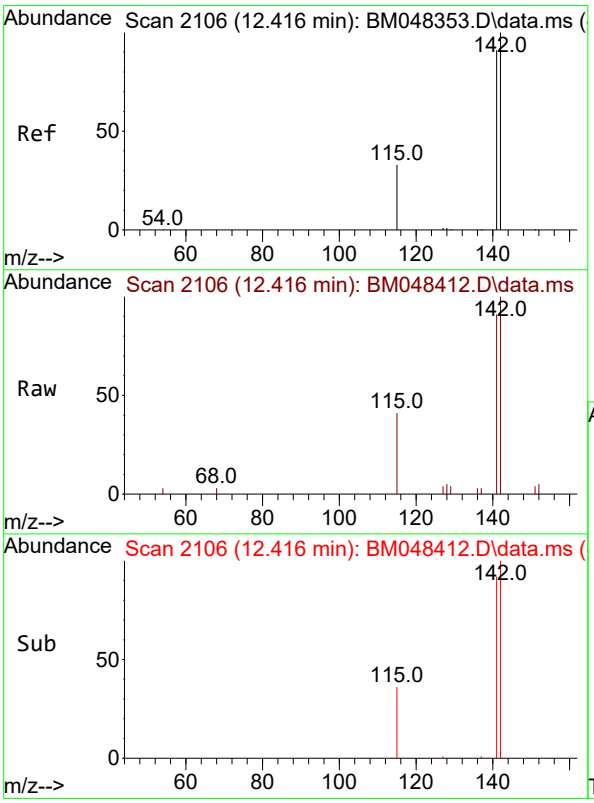
#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.229 min Scan# 2
Delta R.T. 0.017 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:142 Resp: 6376

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.2	108.2

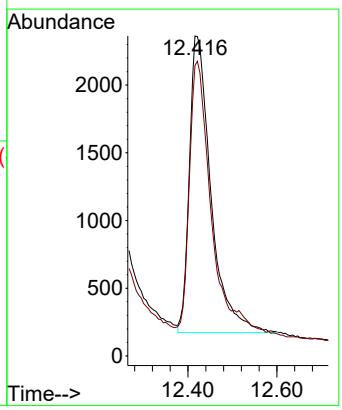


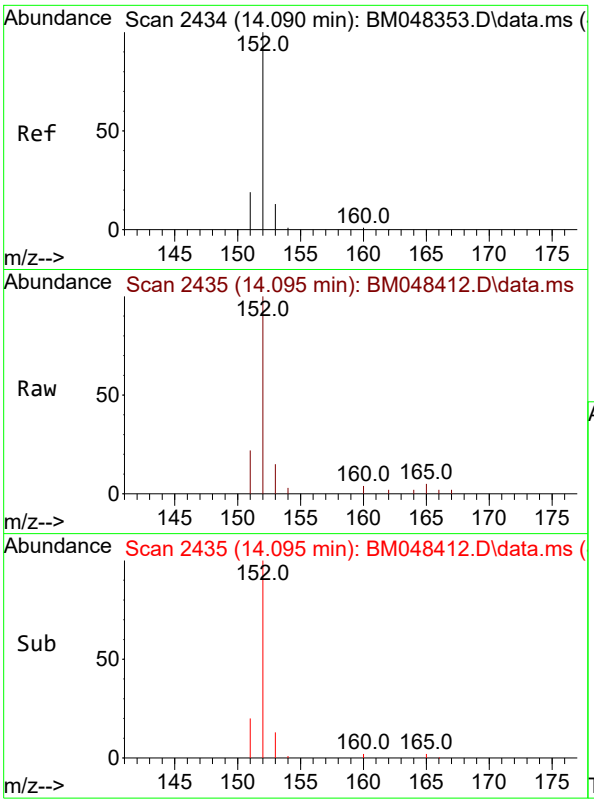


#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.416 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:142 Resp: 7372

Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.5	113.3



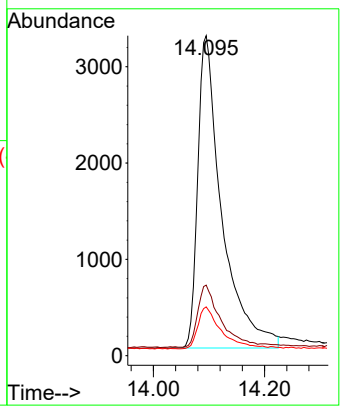


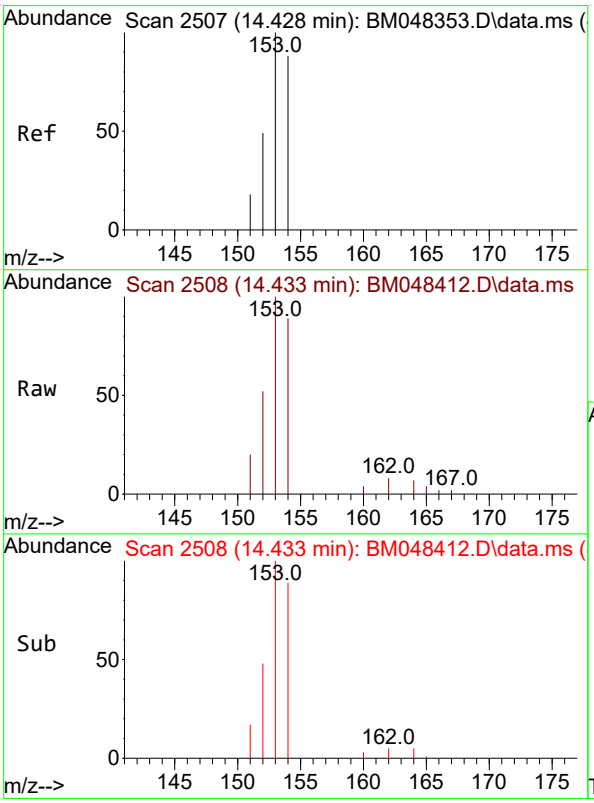
#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.095 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:152 Resp: 9772

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.6	24.8
153	15.2	11.8	17.6

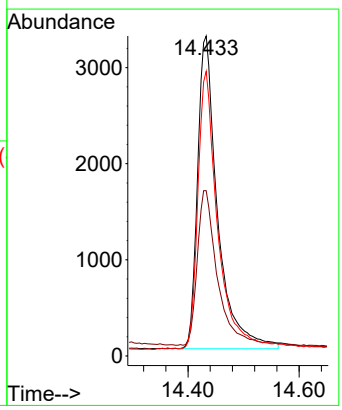


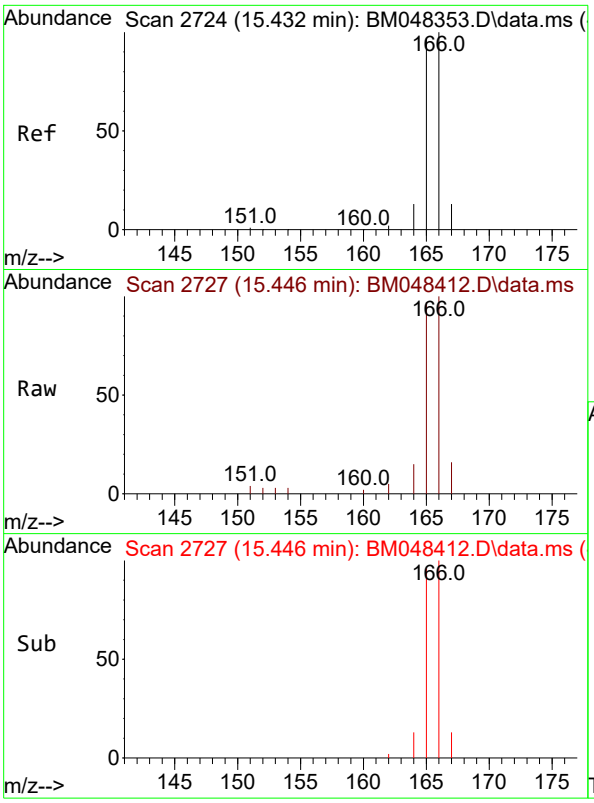


#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.433 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:153 Resp: 8189

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.7	61.1
154	88.9	70.6	106.0



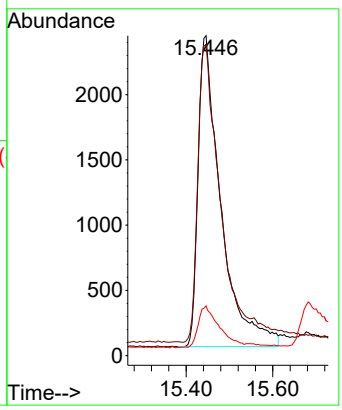


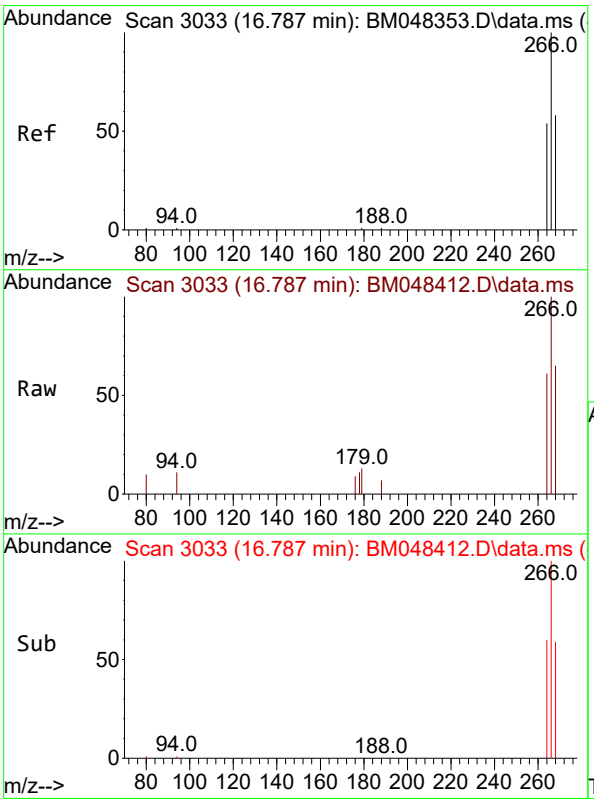
#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.446 min Scan# 2
Delta R.T. 0.014 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:166 Resp: 8680

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	118.0
167	15.5	12.1	18.1

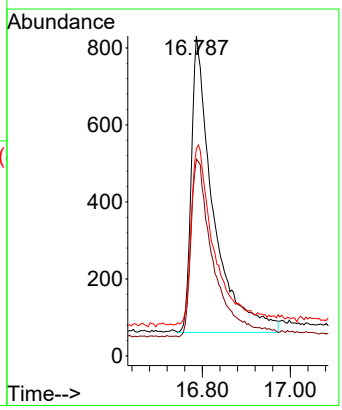


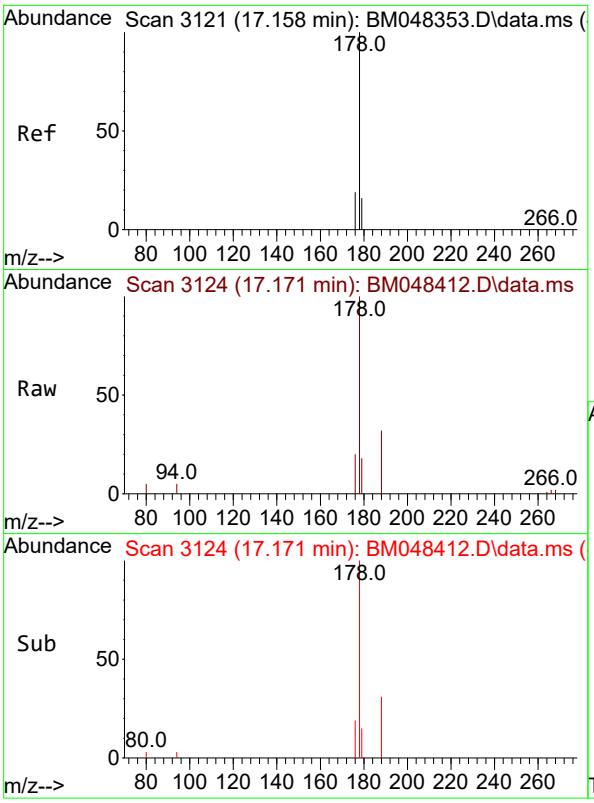


#14
Pentachlorophenol
Concen: 0.697 ng/ul
RT: 16.787 min Scan# 3033
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:266 Resp: 2647

Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.3	72.5
268	64.4	46.2	69.4



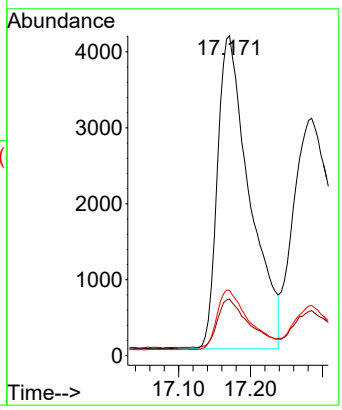


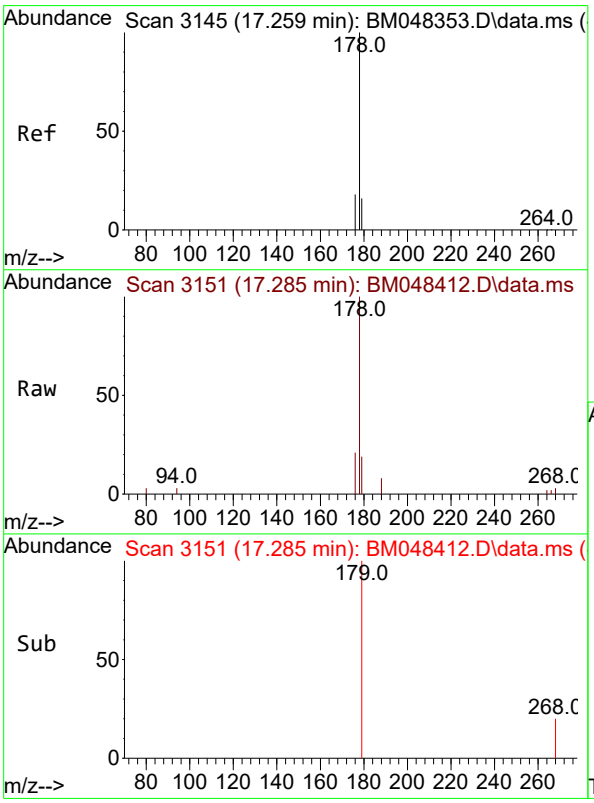
#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.171 min Scan# 3
Delta R.T. 0.013 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:178 Resp: 12748

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.9	20.9
176	20.4	16.0	24.0

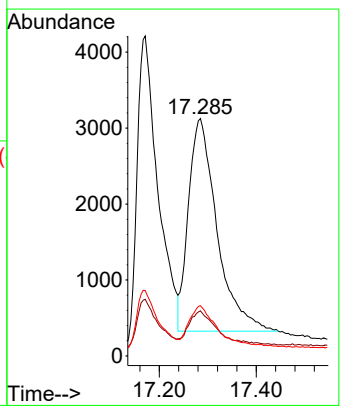


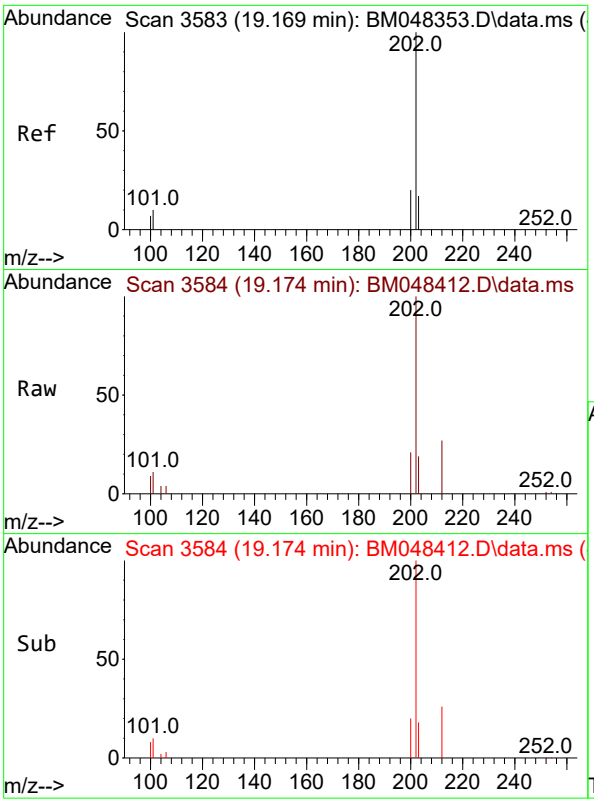


#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.285 min Scan# 3151
Delta R.T. 0.025 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:178 Resp: 11473

Ion	Ratio	Lower	Upper
178	100		
179	19.0	14.2	21.2
176	21.2	15.8	23.6



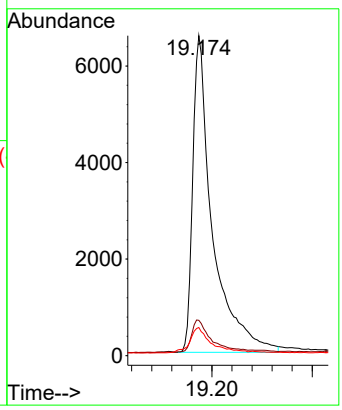


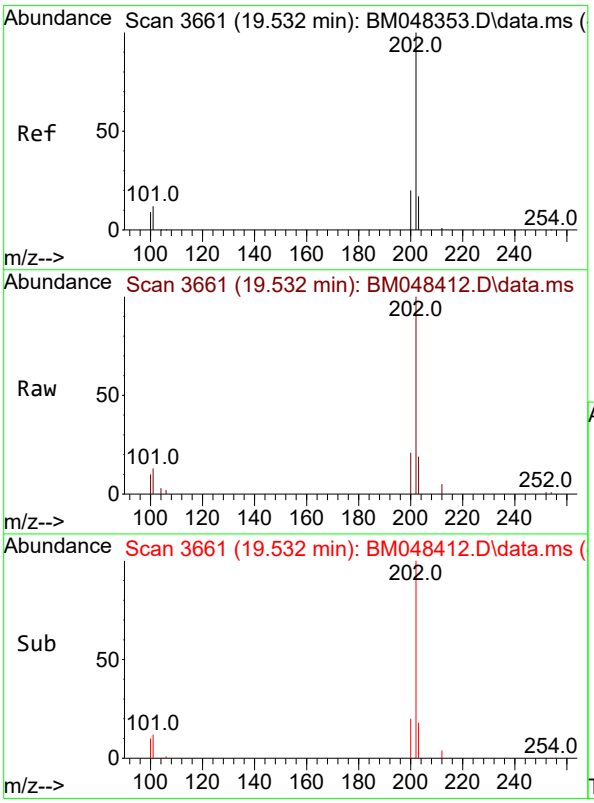
#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.174 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:202 Resp: 17883

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
100	8.8	6.6	10.0

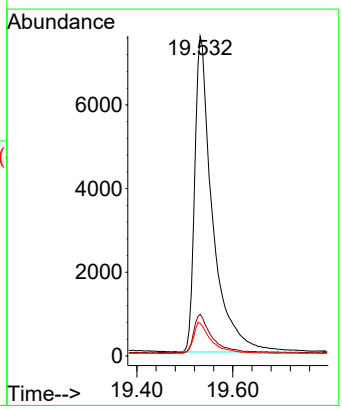


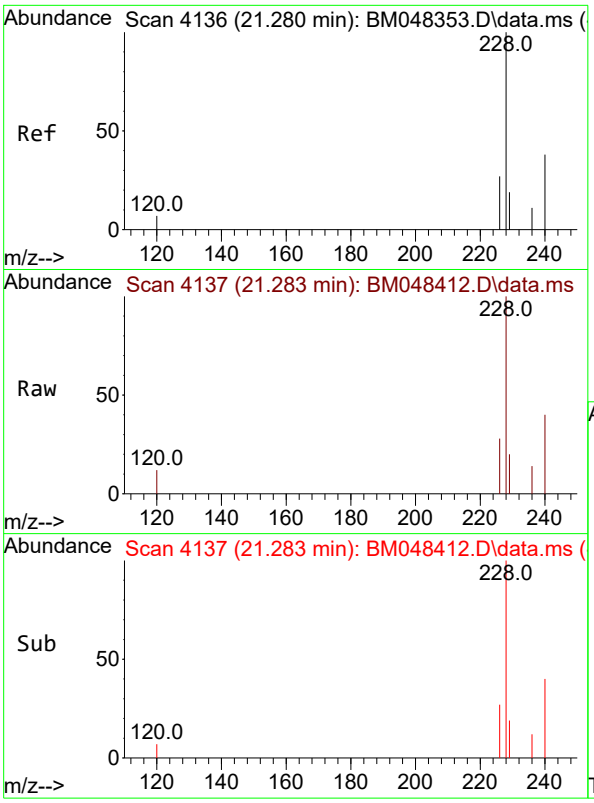


#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.532 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:202 Resp: 19458

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.2	8.0	12.0



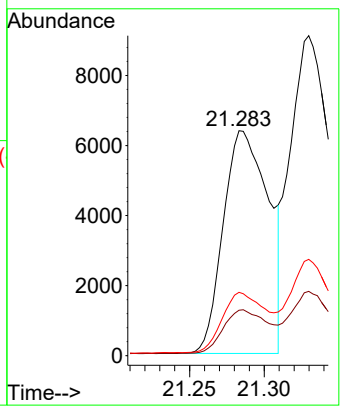


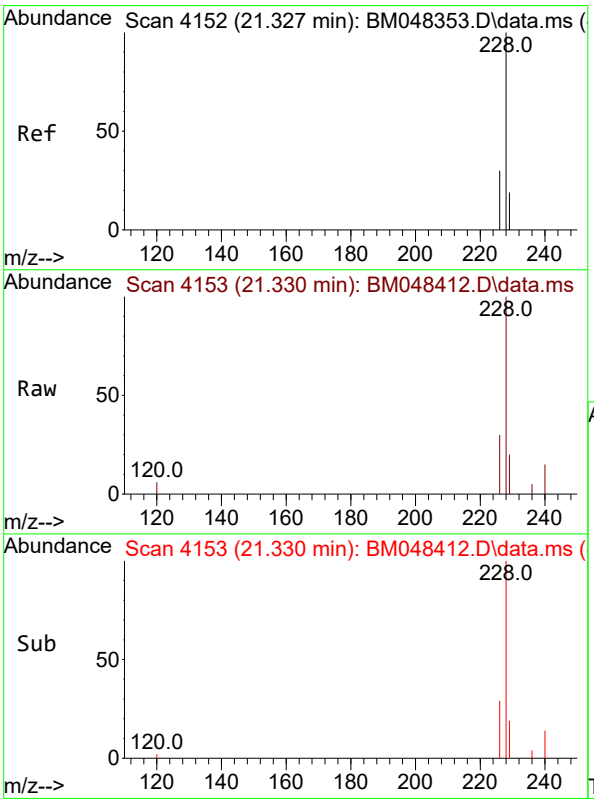
#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.283 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:228 Resp: 13411

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.2	22.1	33.1

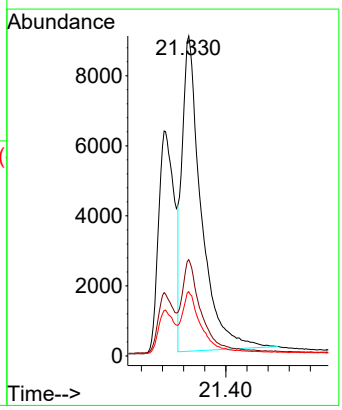


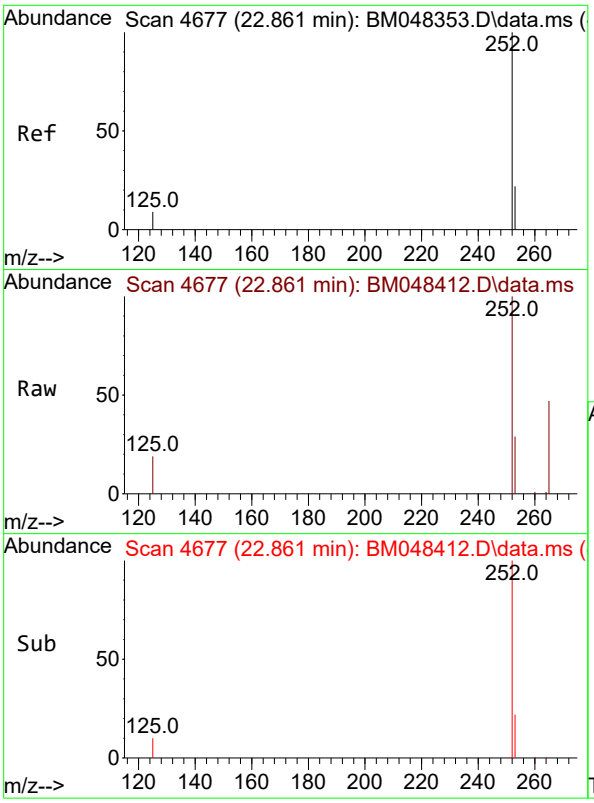


#22
Chrysene
Concen: 0.479 ng/ul
RT: 21.330 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:228 Resp: 22700

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.1	15.9	23.9



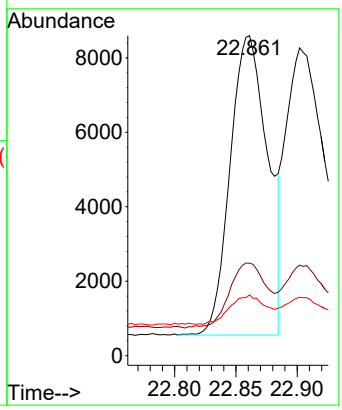


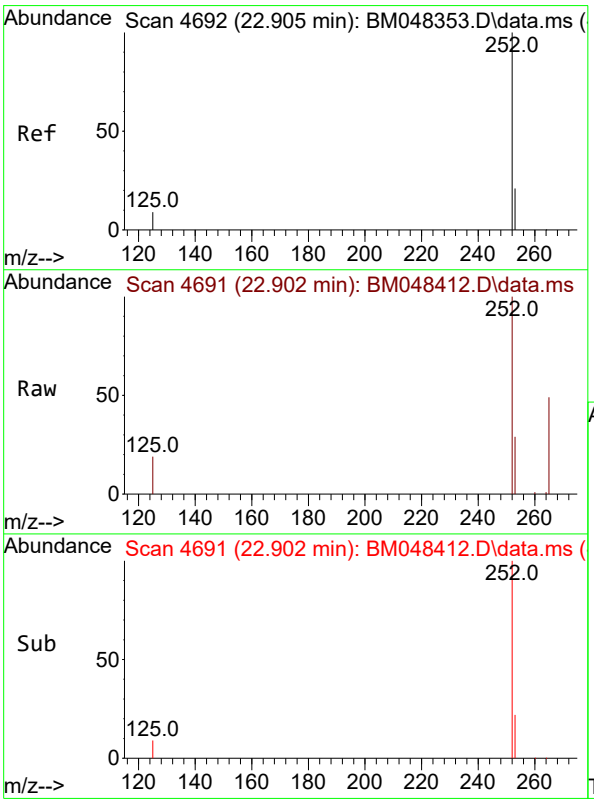
#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul
RT: 22.861 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:252 Resp: 17131

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	59.4
125	19.0	0.0	38.0

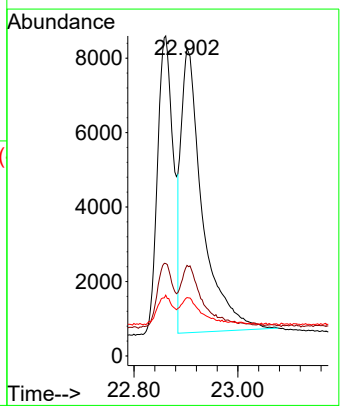


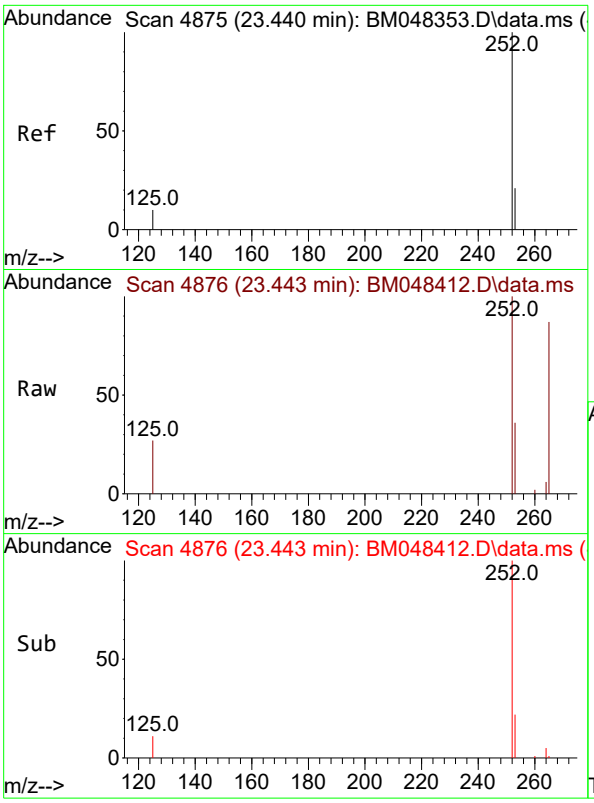


#25
Benzo(k)fluoranthene
Concen: 0.471 ng/ul
RT: 22.902 min Scan# 4691
Delta R.T. -0.003 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:252 Resp: 21886

Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.0
125	19.0	15.3	22.9



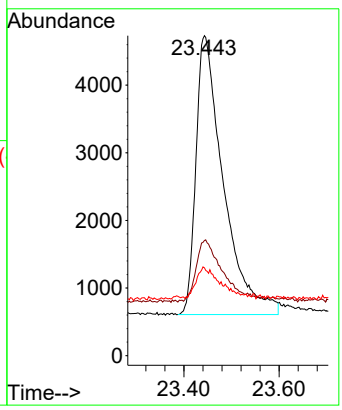


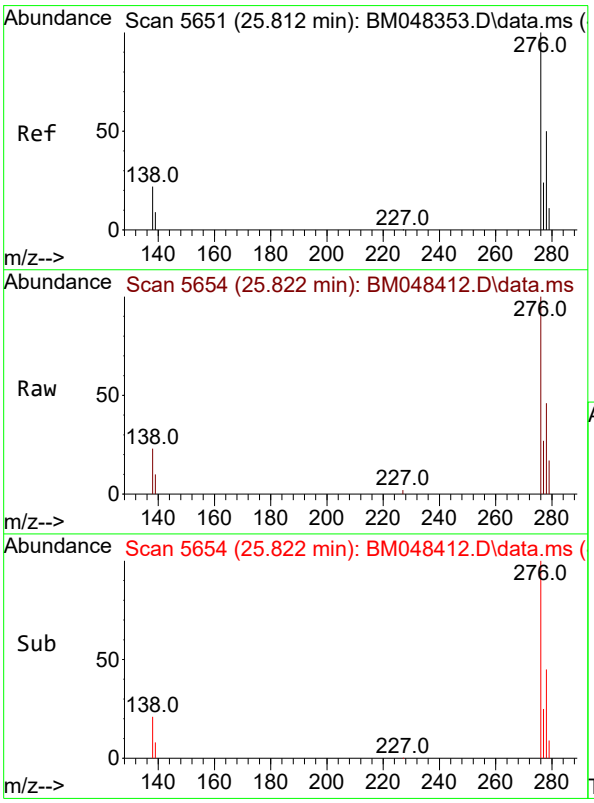
#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.443 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:252 Resp: 16520

Ion	Ratio	Lower	Upper
252	100		
253	36.0	27.7	41.5
125	27.4	21.1	31.7

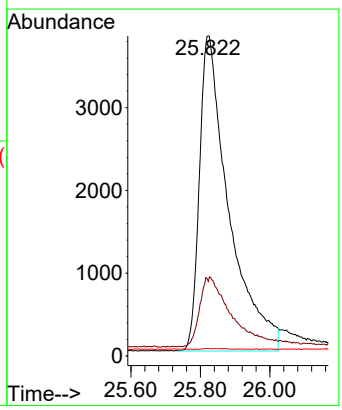


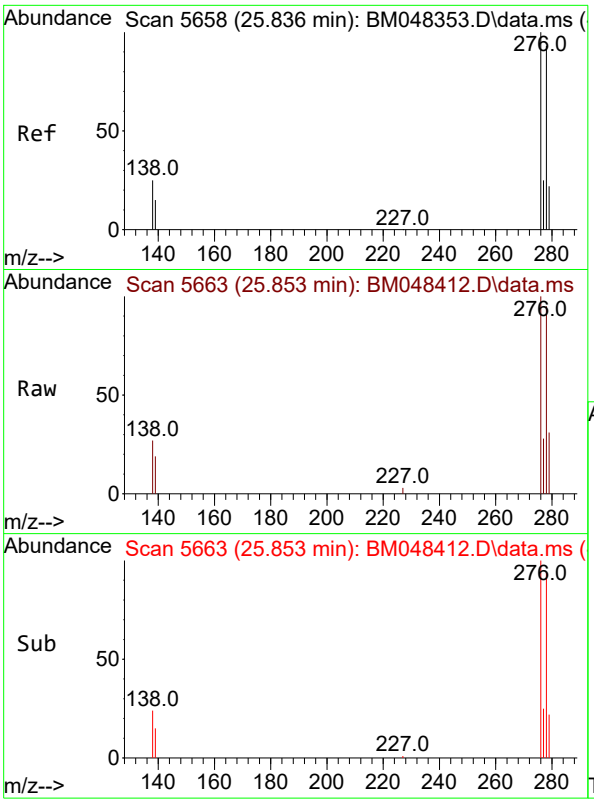


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.822 min Scan# 5654
Delta R.T. 0.010 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:276 Resp: 22369

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.6	29.4
227	0.2	0.1	0.1#



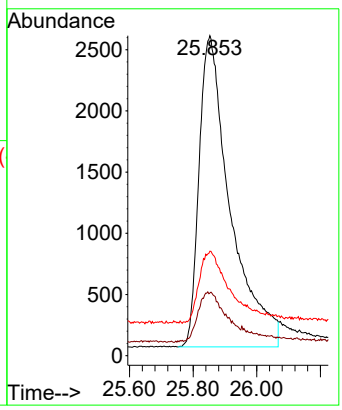


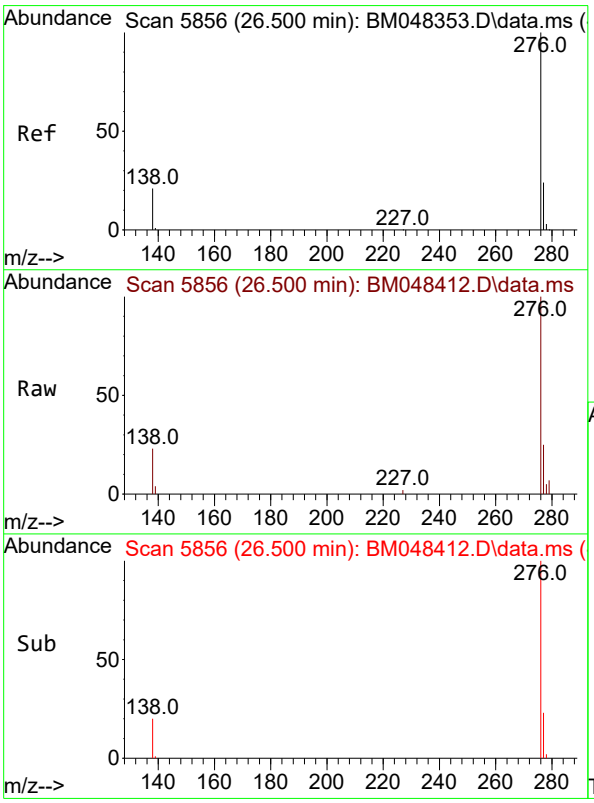
#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 25.853 min Scan# 5
Delta R.T. 0.017 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:278 Resp: 17335

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.6	23.4
279	32.7	26.4	39.6





#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 26.500 min Scan# 5856
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:276 Resp: 19315

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.0	28.6
277	25.2	20.6	31.0