Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048144.D
Acq On : 18 Oct 2024 20:20
Operator : RC/JU
Sample : SSTD3.298
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Quant Time: Oct 19 00:42:41 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	7.779	152	6705	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.563	136	21378	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.405	164	11411	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.150	188	21870	0.400	ng/ul	-0.02
17) Chrysene-d12	21.318	240	17883	0.400	ng/ul	-0.02
23) Perylene-d12	23.592	264	17565	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	25515	2.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	97695	3.423	ng/ul	-0.05
18) Fluoranthene-d10	19.174	212	173195	3.163	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	28163	2.732	ng/ul#	82
5) Naphthalene	10.612	128	180667	3.100	ng/ul	95
7) 2-Methylnaphthalene	12.229	142	113272	3.241	ng/ul	98
8) 1-Methylnaphthalene	12.449	142	117183	3.196	ng/ul	98
10) Acenaphthylene	14.127	152	173587	3.130	ng/ul	97
11) Acenaphthene	14.470	153	116456	3.059	ng/ul	98
12) Fluorene	15.455	166	132173	3.070	ng/ul	99
14) Pentachlorophenol	16.816	266	25648	3.900	ng/ul	100
15) Phenanthrene	17.188	178	195069	3.005	ng/ul	98
16) Anthracene	17.285	178	182795	3.163	ng/ul	95
19) Fluoranthene	19.202	202	225003	2.990	ng/ul	98
20) Pyrene	19.569	202	233495	2.915	ng/ul	98
21) Benzo(a)anthracene	21.303	228	198265	2.621	ng/ul	98
22) Chrysene	21.356	228	215504	2.740	ng/ul	99
24) Benzo(b)fluoranthene	22.899	252	201831	2.641	ng/ul	82
25) Benzo(k)fluoranthene	22.946	252	214729	2.792	ng/ul#	83
26) Benzo(a)pyrene	23.487	252	173474	2.879	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.879	276	249226	2.597	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.893	278	190393	2.630	ng/ul#	84
29) Benzo(g,h,i)perylene	26.587	276	199753	2.594	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
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Acq On : 18 Oct 2024 20:20
Operator : RC/JU
Sample : SSTD3.298
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Quant Time: Oct 19 00:42:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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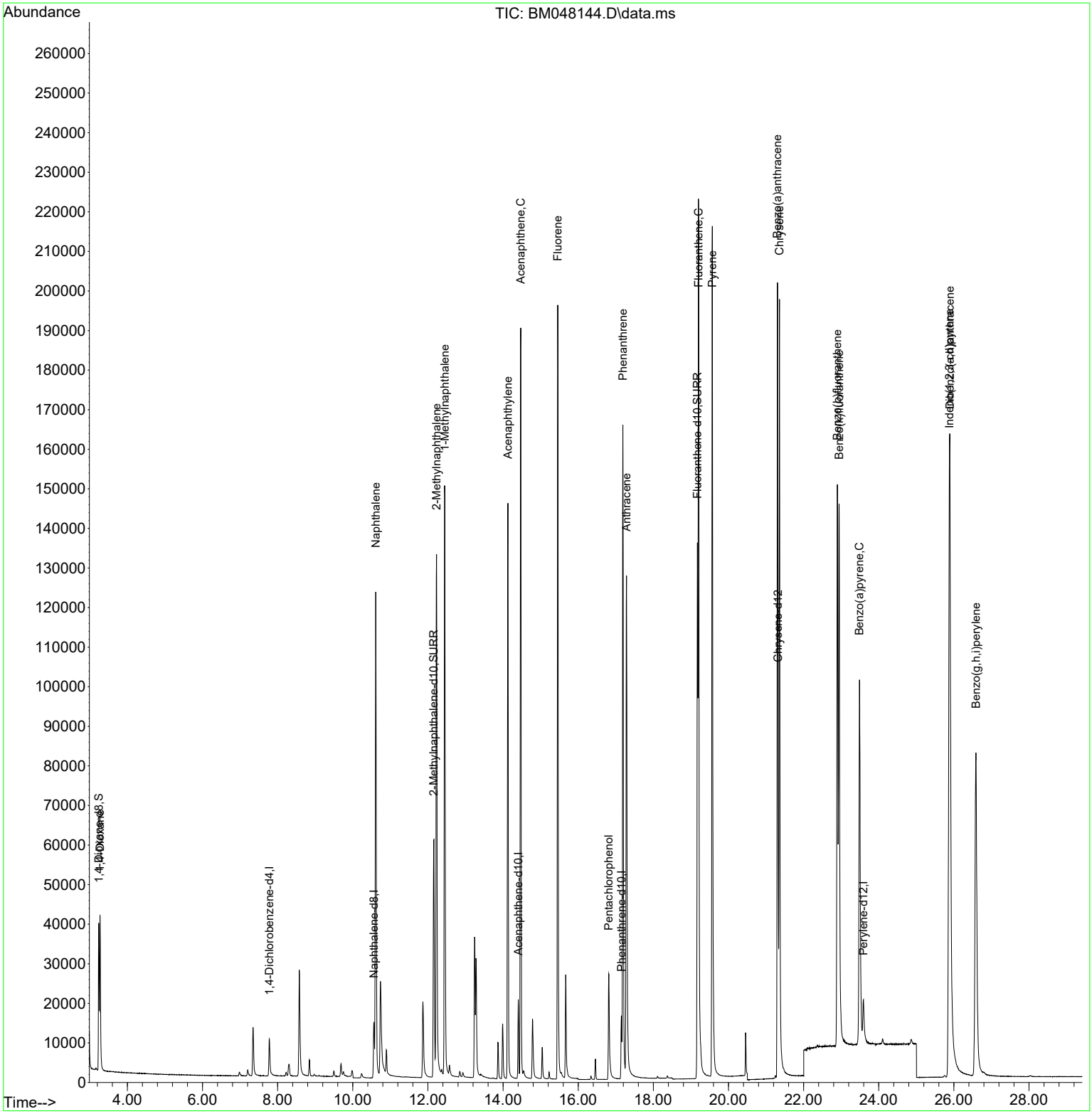
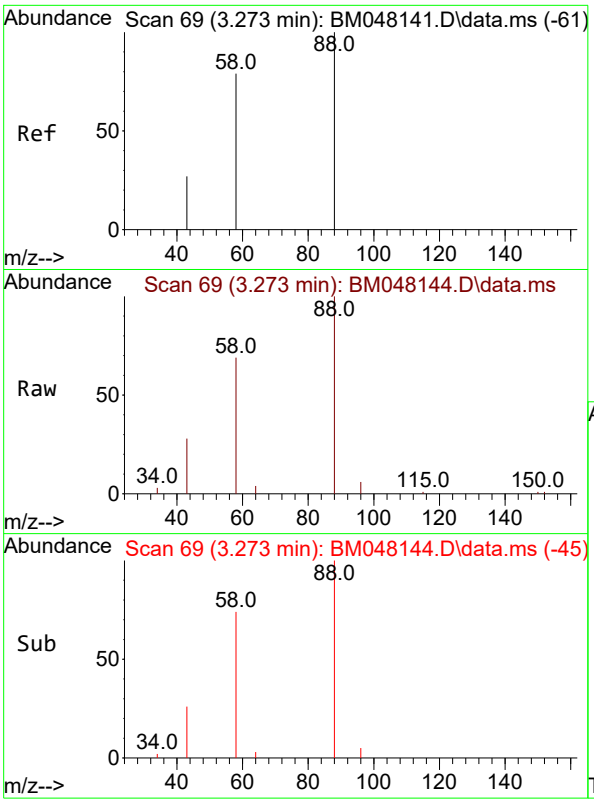


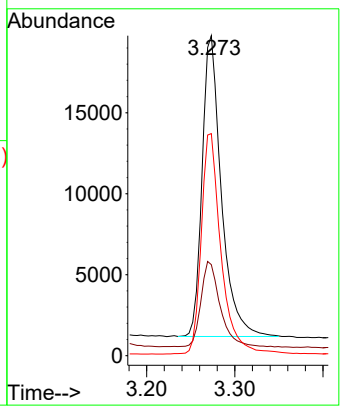


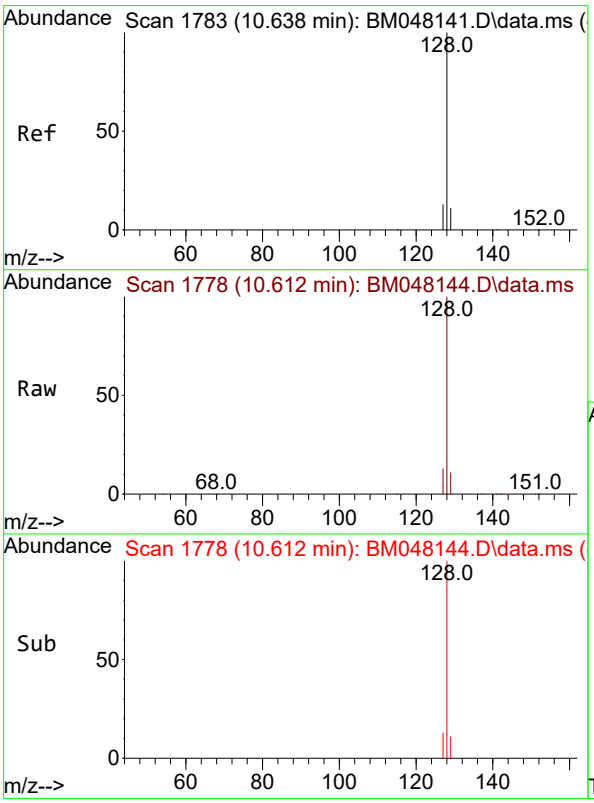
#2
1,4-Dioxane
Concen: 2.732 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion: 88 Resp: 28163

Ion	Ratio	Lower	Upper
88	100		
43	28.5	27.7	41.5
58	69.4	42.5	63.7#

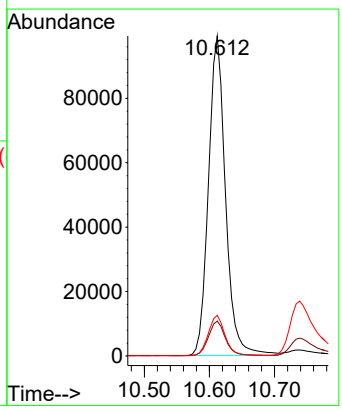


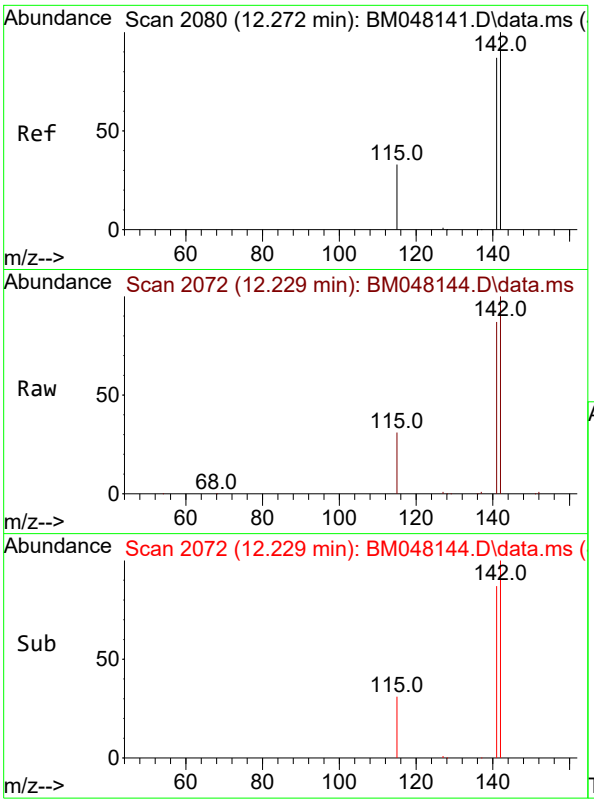


#5
Naphthalene
Concen: 3.100 ng/ul
RT: 10.612 min Scan# 1778
Delta R.T. -0.026 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:128 Resp: 180667

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.6	15.8
127	12.7	11.3	16.9



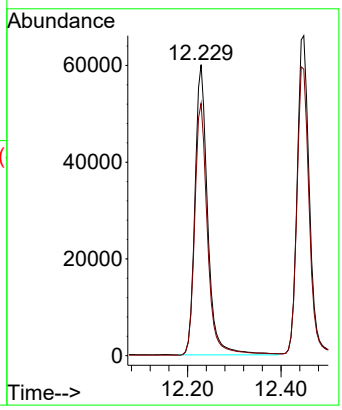


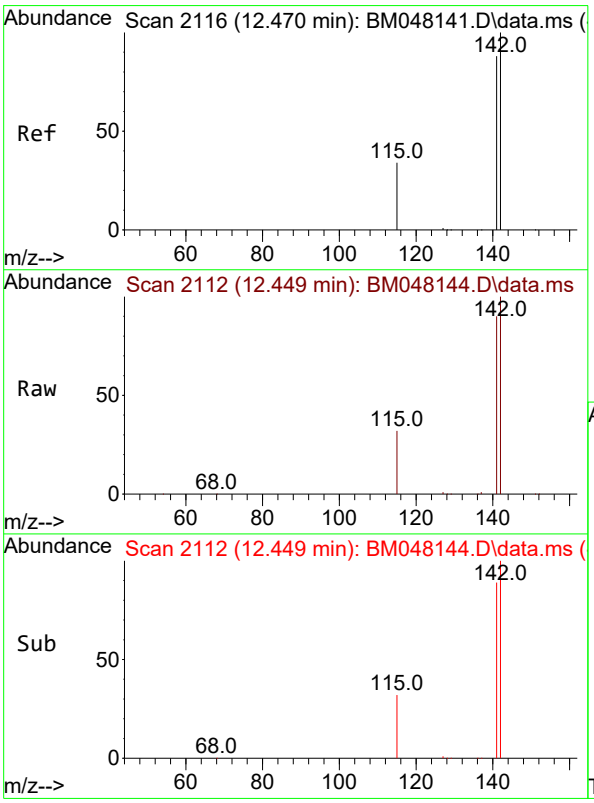
#7
2-Methylnaphthalene
Concen: 3.241 ng/ul
RT: 12.229 min Scan# 2
Delta R.T. -0.043 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:142 Resp: 113272

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9

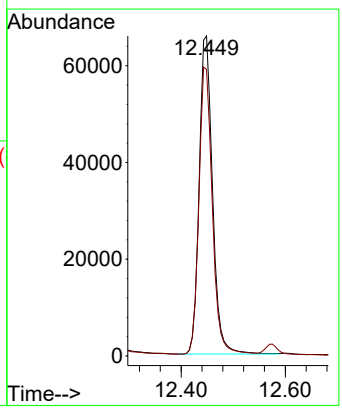


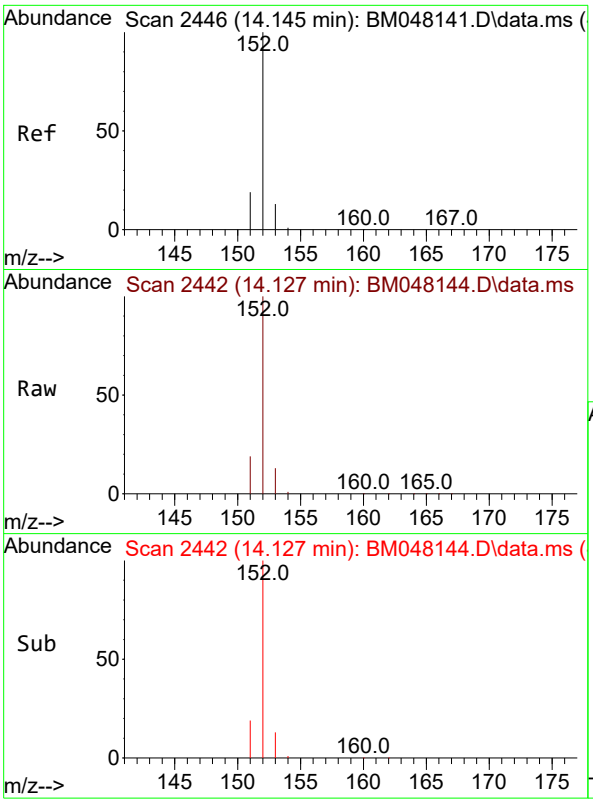


#8
1-Methylnaphthalene
Concen: 3.196 ng/ul
RT: 12.449 min Scan# 2112
Delta R.T. -0.021 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:142 Resp: 117183

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.8	110.6



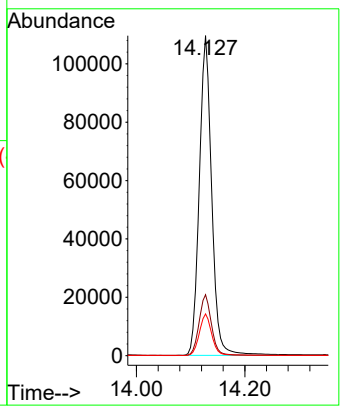


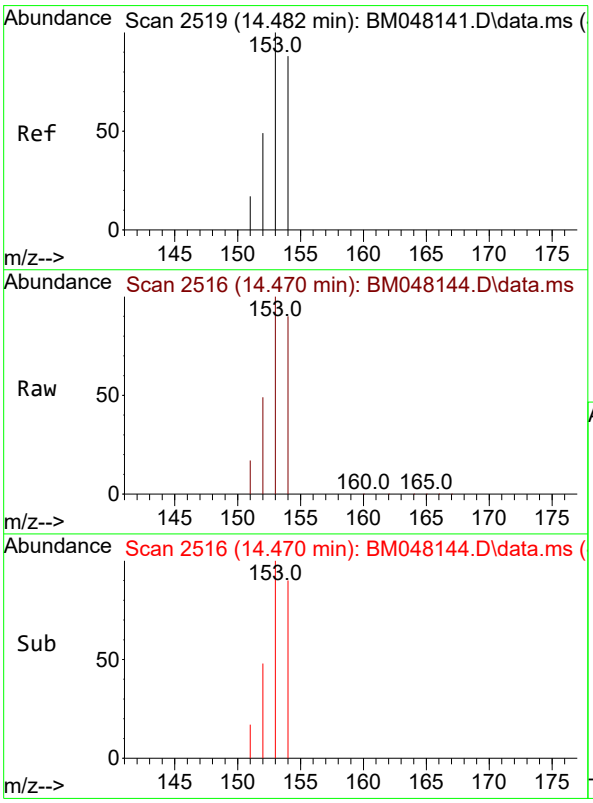
#10
Acenaphthylene
Concen: 3.130 ng/ul
RT: 14.127 min Scan# 24
Delta R.T. -0.017 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:152 Resp: 173587

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	13.1	11.7	17.5

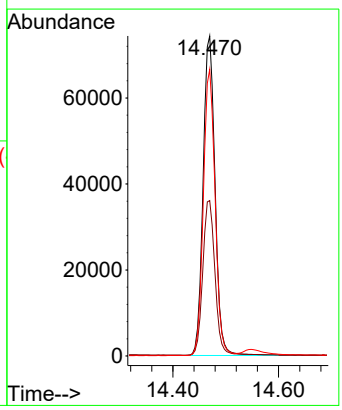


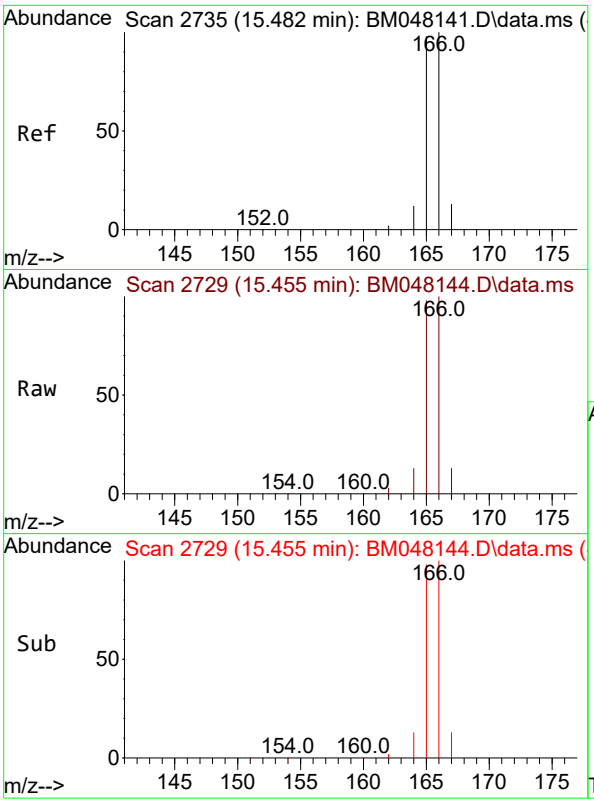


#11
Acenaphthene
Concen: 3.059 ng/ul
RT: 14.470 min Scan# 2516
Delta R.T. -0.013 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:153 Resp: 116456

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.9	61.3
154	89.6	71.0	106.4



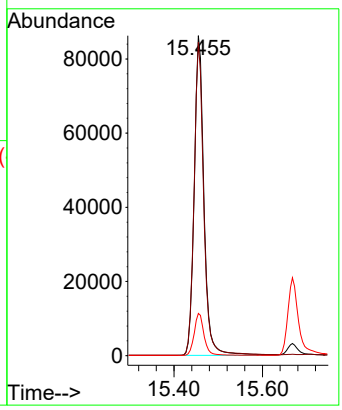


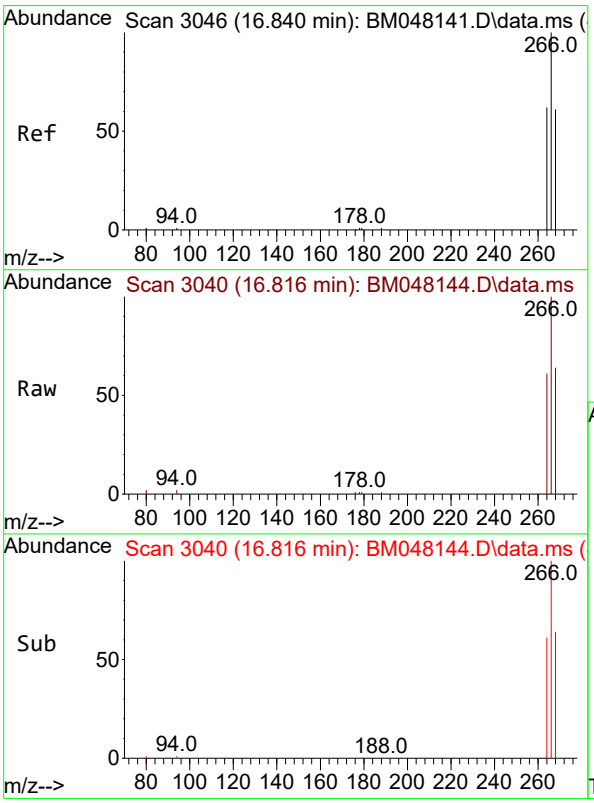
#12
Fluorene
Concen: 3.070 ng/ul
RT: 15.455 min Scan# 2
Delta R.T. -0.027 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:166 Resp: 132173

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	13.2	12.0	18.0

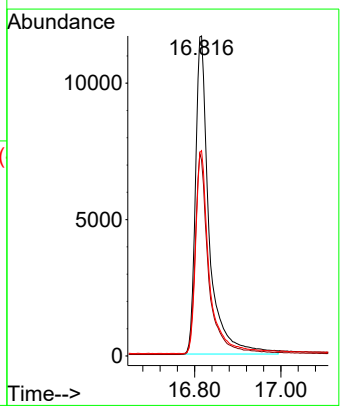


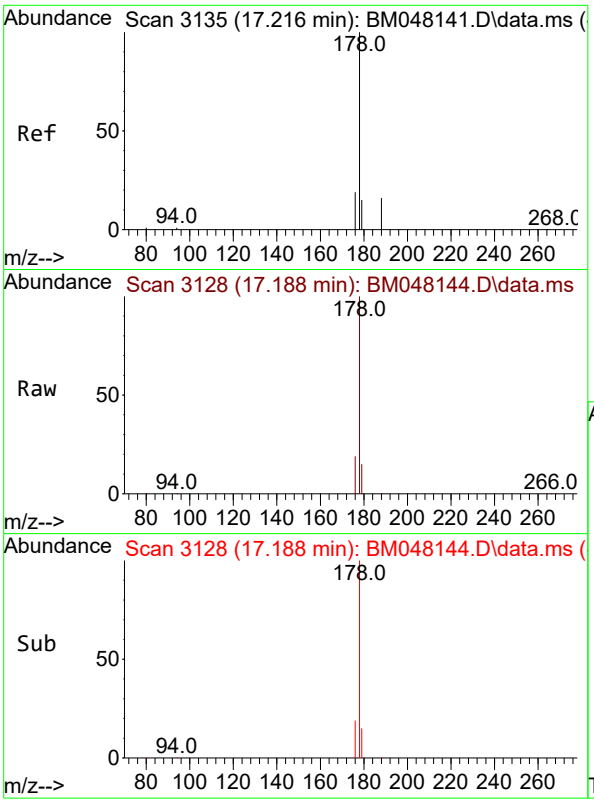


#14
Pentachlorophenol
Concen: 3.900 ng/ul
RT: 16.816 min Scan# 3040
Delta R.T. -0.024 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:266 Resp: 25648

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.2
268	64.2	51.8	77.6



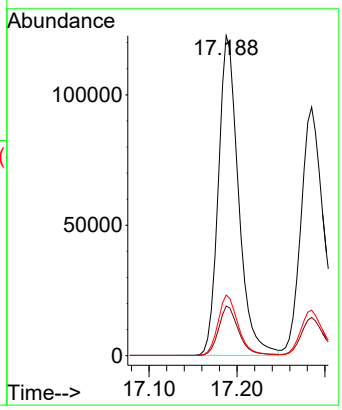


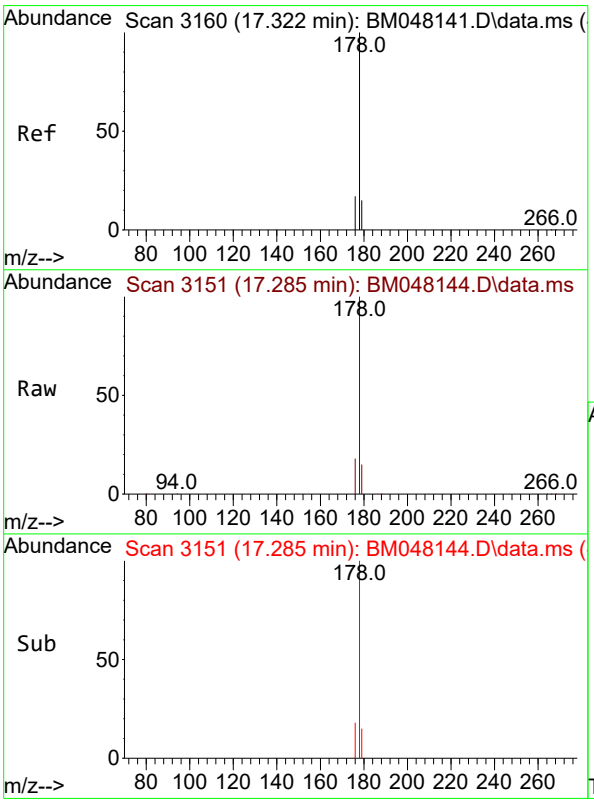
#15
Phenanthrene
Concen: 3.005 ng/ul
RT: 17.188 min Scan# 3
Delta R.T. -0.028 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:178 Resp: 195069

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	19.0	16.0	24.0

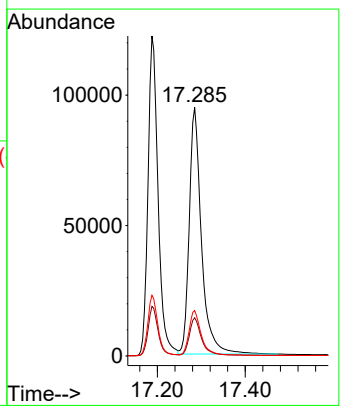


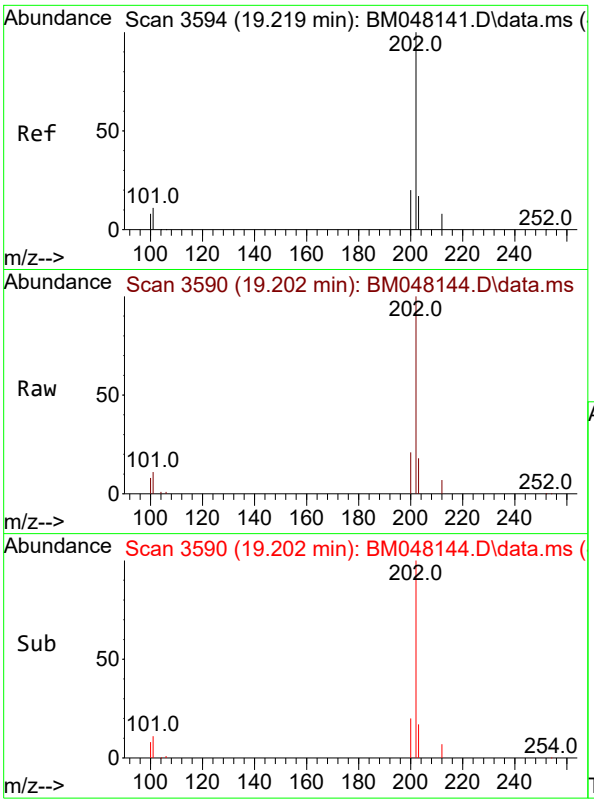


#16
Anthracene
Concen: 3.163 ng/ul
RT: 17.285 min Scan# 3151
Delta R.T. -0.037 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:178 Resp: 182795

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.5	21.7
176	18.3	16.0	24.0



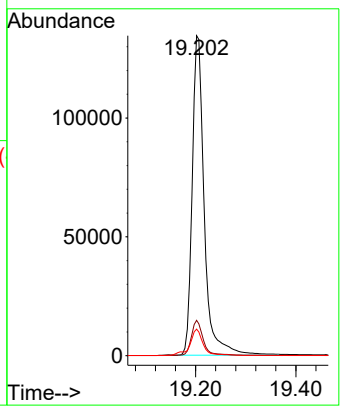


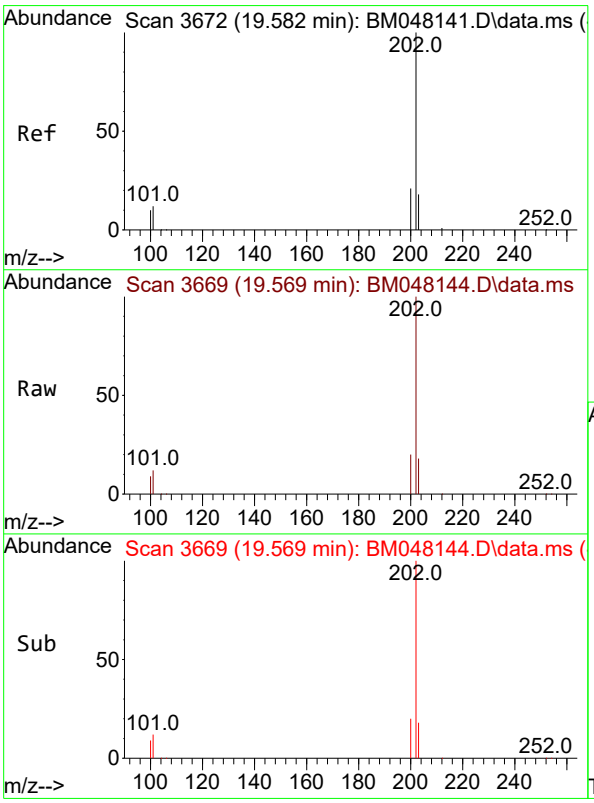
#19
Fluoranthene
Concen: 2.990 ng/ul
RT: 19.202 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:202 Resp: 225003

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.3	13.9
100	8.3	7.1	10.7

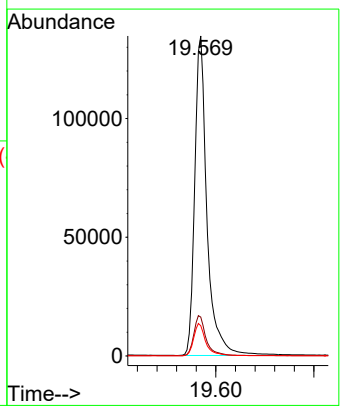


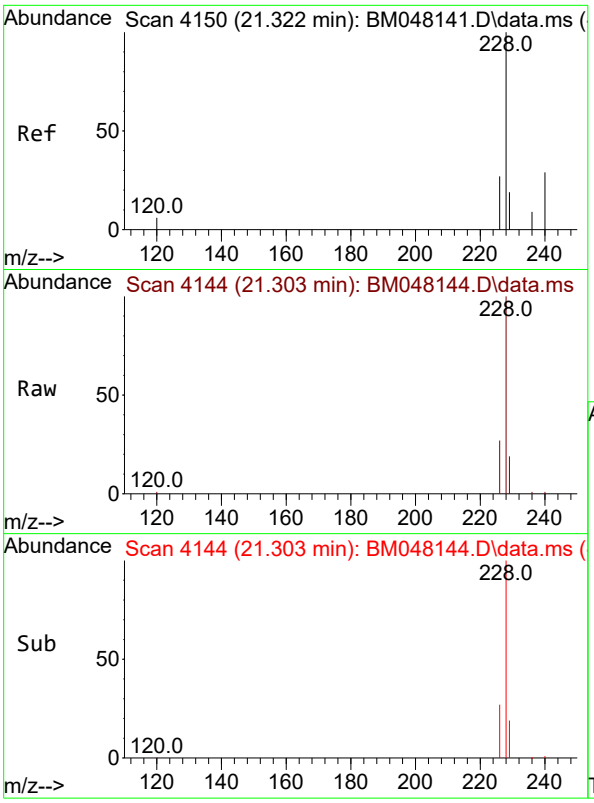


#20
Pyrene
Concen: 2.915 ng/ul
RT: 19.569 min Scan# 3669
Delta R.T. -0.013 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:202 Resp: 233495

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	16.0
100	9.5	8.1	12.1



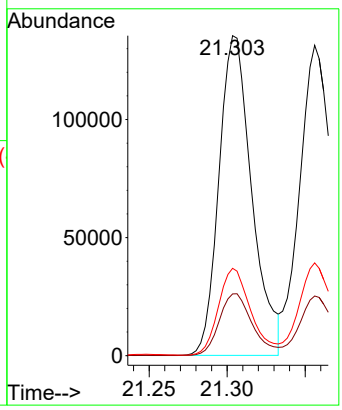


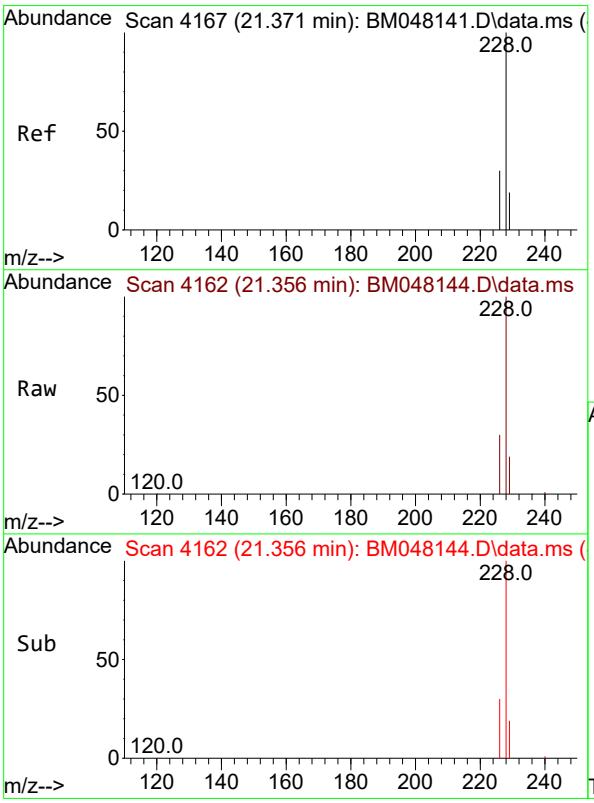
#21
Benzo(a)anthracene
Concen: 2.621 ng/ul
RT: 21.303 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:228 Resp: 198265

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.4	24.6
226	27.3	22.5	33.7

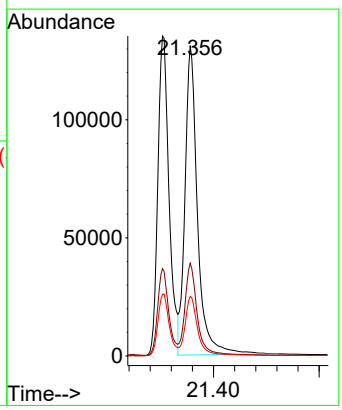


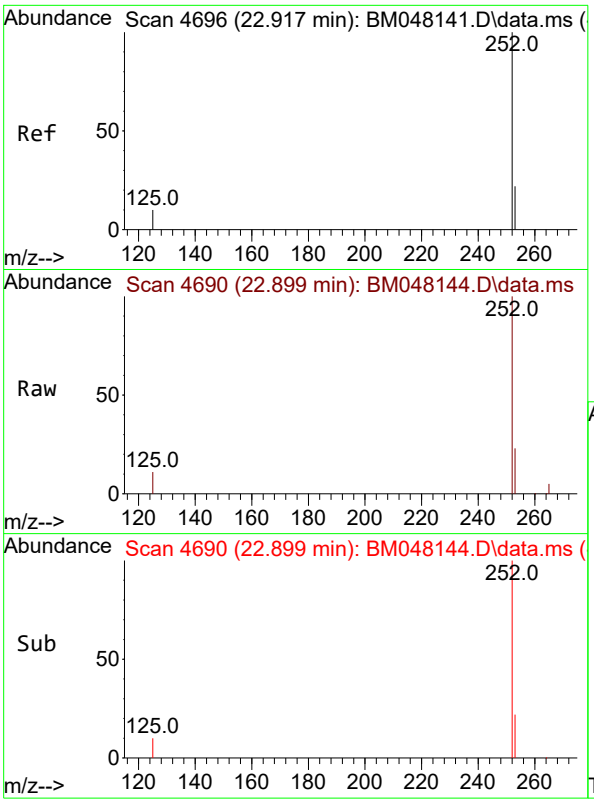


#22
Chrysene
Concen: 2.740 ng/ul
RT: 21.356 min Scan# 4162
Delta R.T. -0.015 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:228 Resp: 215504

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.2	16.1	24.1



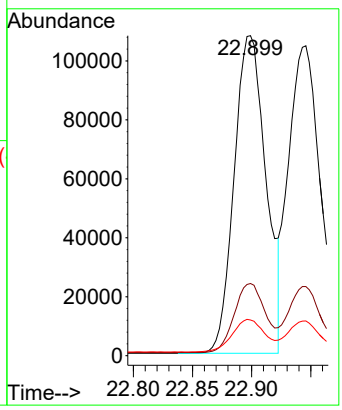


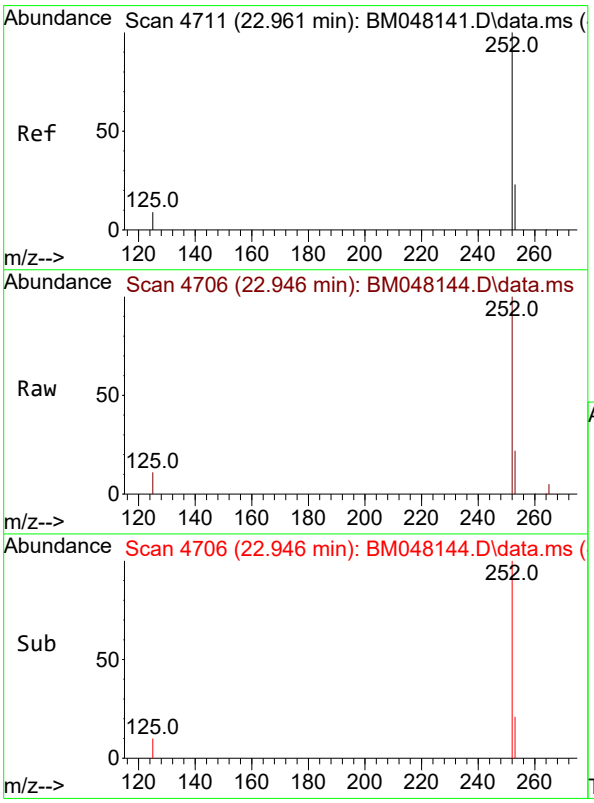
#24
Benzo(b)fluoranthene
Concen: 2.641 ng/ul
RT: 22.899 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:252 Resp: 201831

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	61.6
125	11.1	0.0	42.8

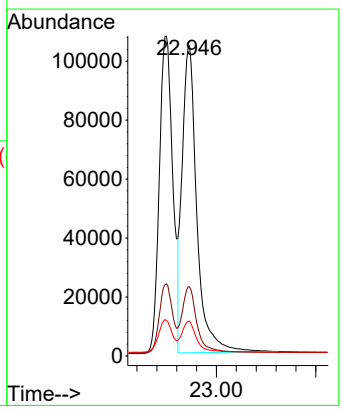


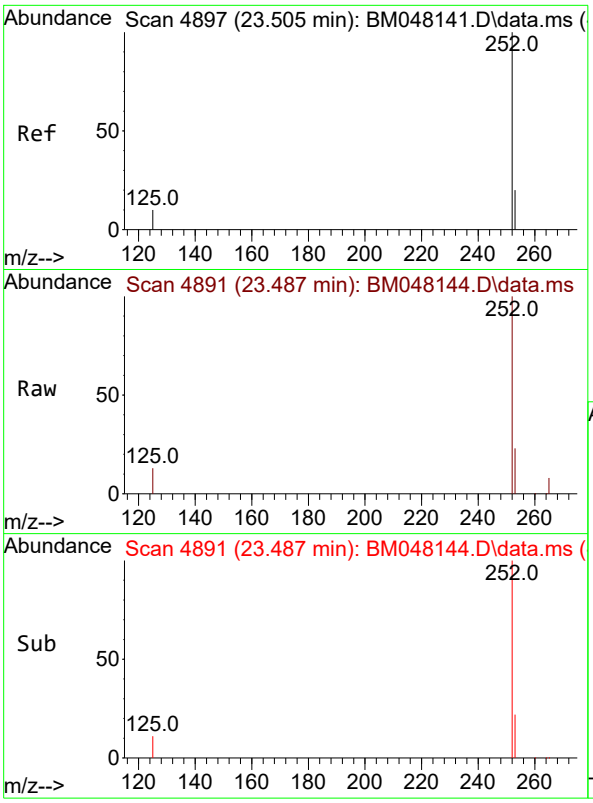


#25
Benzo(k)fluoranthene
Concen: 2.792 ng/ul
RT: 22.946 min Scan# 4706
Delta R.T. -0.015 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:252 Resp: 214729

Ion	Ratio	Lower	Upper
252	100		
253	22.3	24.4	36.6#
125	11.2	16.8	25.2#



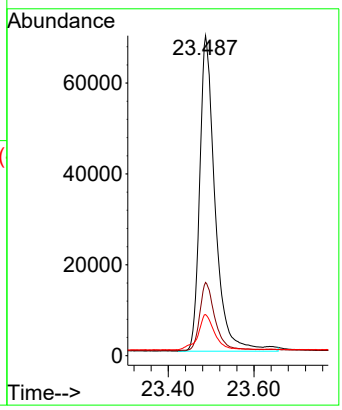


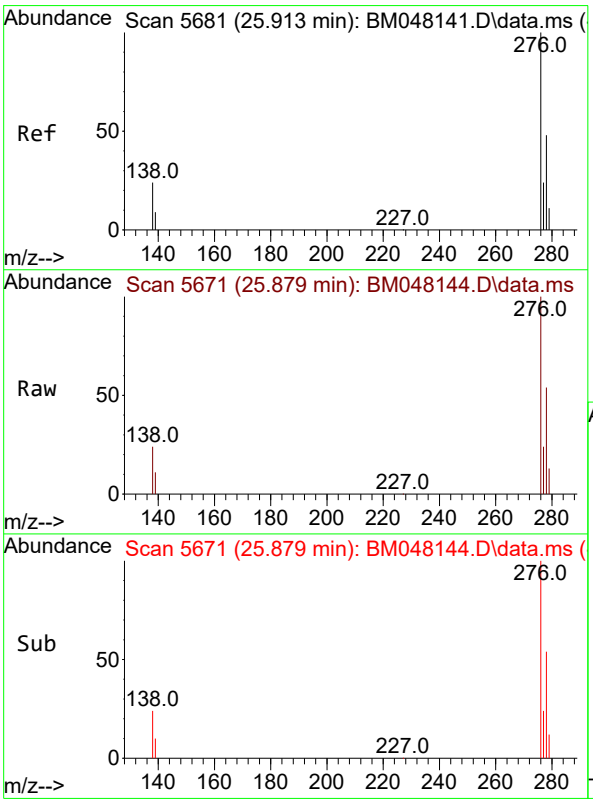
#26
Benzo(a)pyrene
Concen: 2.879 ng/ul
RT: 23.487 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:252 Resp: 173474

Ion	Ratio	Lower	Upper
252	100		
253	22.9	29.0	43.4#
125	12.9	24.4	36.6#

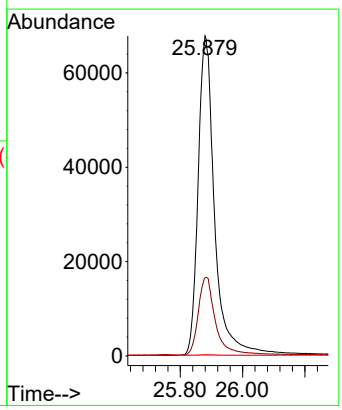


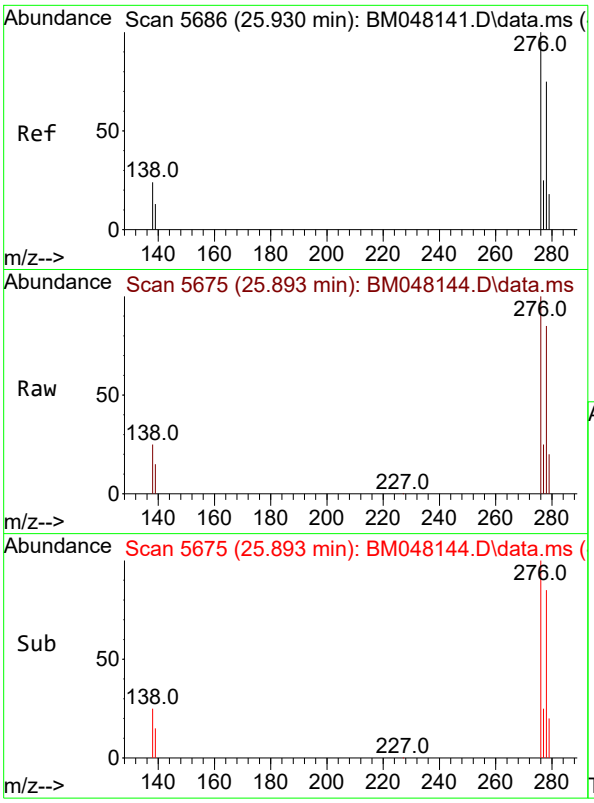


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.597 ng/ul
RT: 25.879 min Scan# 5671
Delta R.T. -0.034 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:276 Resp: 249226

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.2
227	0.2	0.0	0.0#



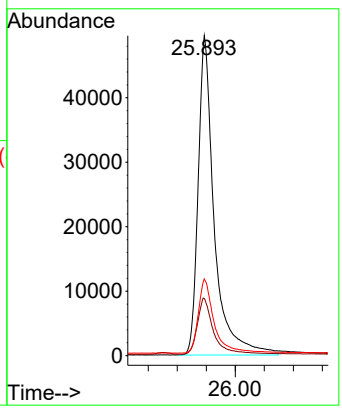


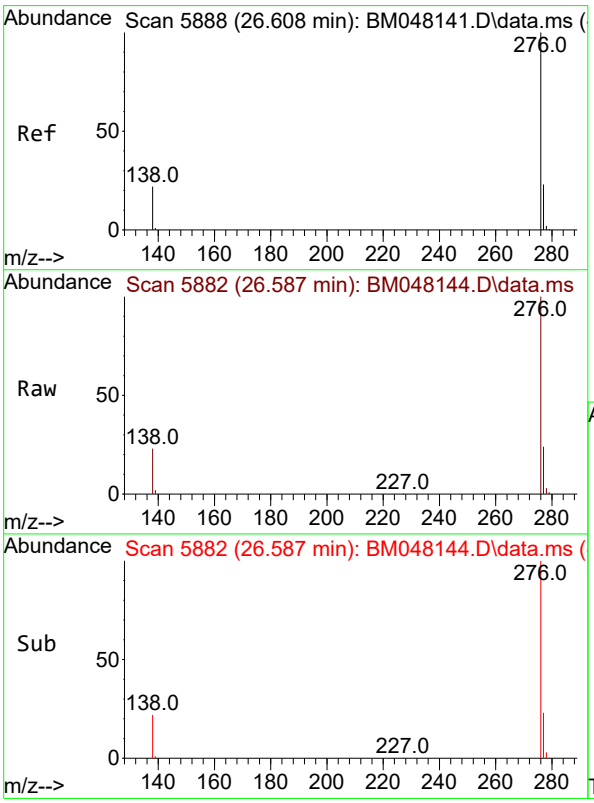
#28
Dibenzo(a,h)anthracene
Concen: 2.630 ng/ul
RT: 25.893 min Scan# 5
Delta R.T. -0.037 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:278 Resp: 190393

Ion	Ratio	Lower	Upper
278	100		
139	17.9	18.9	28.3#
279	24.0	27.6	41.4#





#29
Benzo(g,h,i)perylene
Concen: 2.594 ng/ul
RT: 26.587 min Scan# 5882
Delta R.T. -0.021 min
Lab File: BM048144.D
Acq: 18 Oct 2024 20:20

Tgt Ion:276 Resp: 199753

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
277	23.7	20.4	30.6