Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
Data File : BM047663.D
Acq On : 27 Sep 2024 03:03
Operator : RC/JU
Sample : PB163683BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS683

Quant Time: Sep 27 03:32:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 16:27:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	12977	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.454	164	6346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.190	188	12422	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	10140	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	10967	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	4019	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	5569	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.210	212	10090	0.325	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	12265	1.734	ng/ul#	80
5) Naphthalene	10.666	128	12010	0.340	ng/ul	99
7) 2-Methylnaphthalene	12.282	142	6809	0.321	ng/ul	99
8) 1-Methylnaphthalene	12.497	142	8421	0.378	ng/ul	100
10) Acenaphthylene	14.172	152	9424	0.306	ng/ul	100
11) Acenaphthene	14.515	153	7169	0.339	ng/ul	99
12) Fluorene	15.500	166	7546	0.315	ng/ul	100
14) Pentachlorophenol	16.840	266	2176	0.583	ng/ul	100
15) Phenanthrene	17.233	178	11867	0.322	ng/ul	100
16) Anthracene	17.321	178	10367	0.316	ng/ul	99
19) Fluoranthene	19.242	202	13623	0.319	ng/ul	99
20) Pyrene	19.600	202	14553	0.320	ng/ul	97
21) Benzo(a)anthracene	21.339	228	12736	0.297	ng/ul	100
22) Chrysene	21.388	228	13937	0.313	ng/ul	99
24) Benzo(b)fluoranthene	22.943	252	14385	0.301	ng/ul	95
25) Benzo(k)fluoranthene	22.990	252	15206	0.317	ng/ul	96
26) Benzo(a)pyrene	23.531	252	13126	0.349	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.950	276	18871	0.315	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.967	278	14408	0.319	ng/ul	98
29) Benzo(g,h,i)perylene	26.661	276	15715	0.327	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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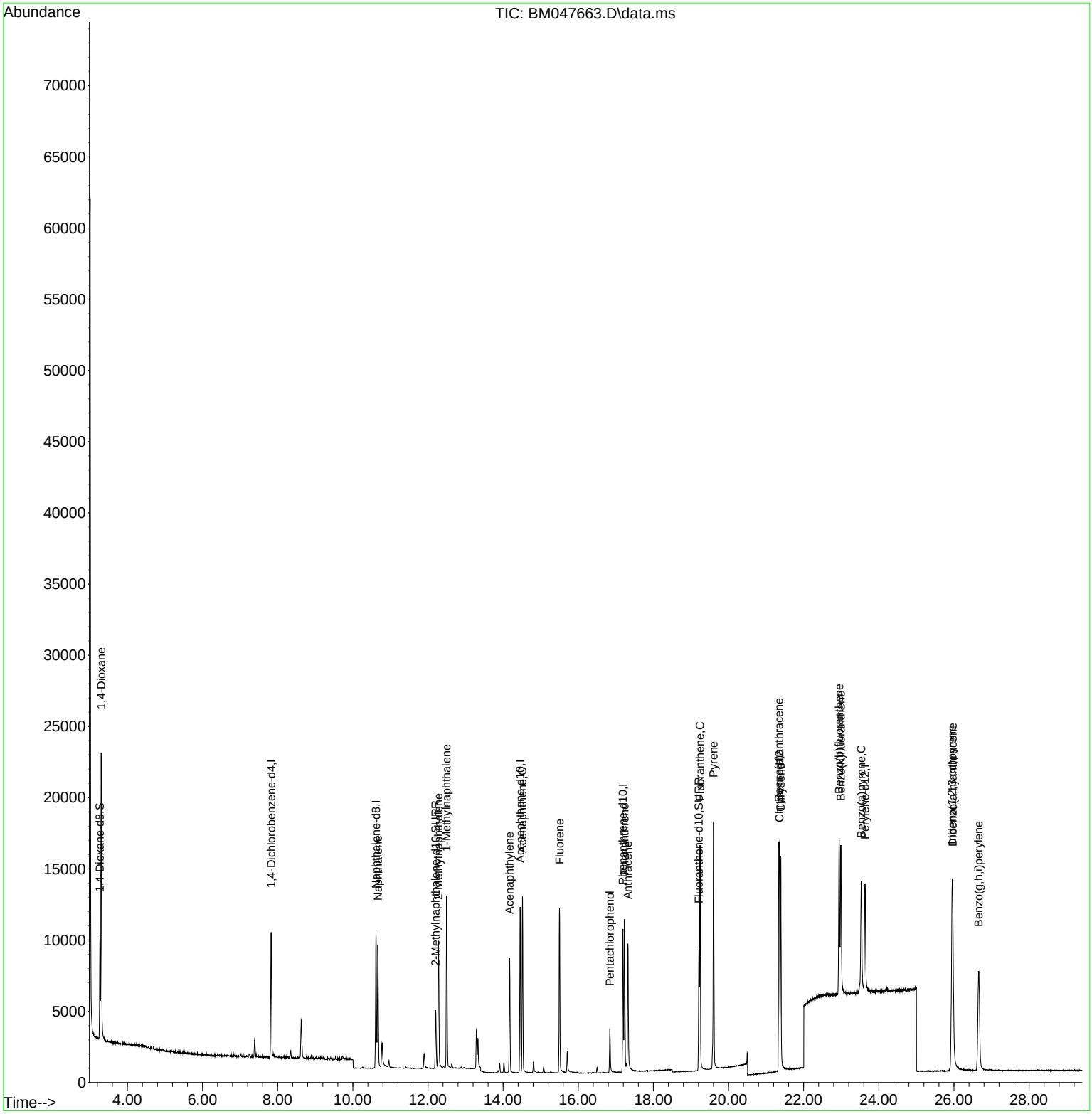
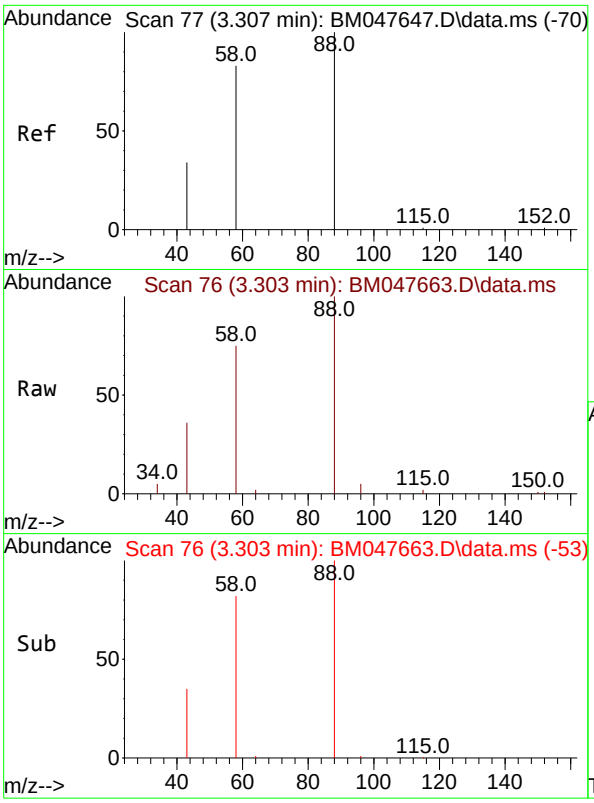


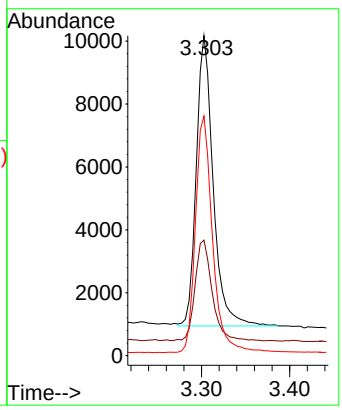


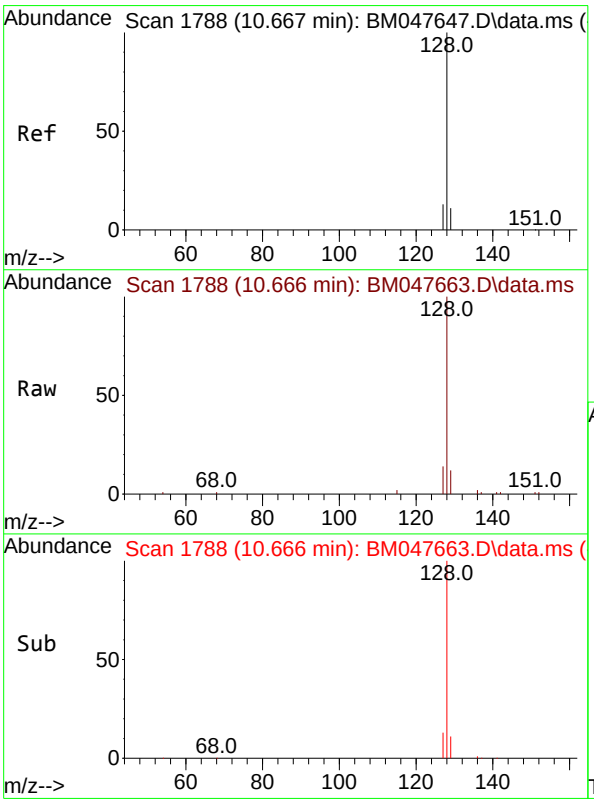
#2
1,4-Dioxane
Concen: 1.734 ng/ul
RT: 3.303 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion: 88 Resp: 12265

Ion	Ratio	Lower	Upper
88	100		
43	36.1	30.9	46.3
58	74.9	42.5	63.7#

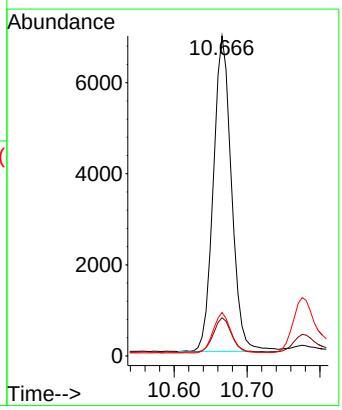


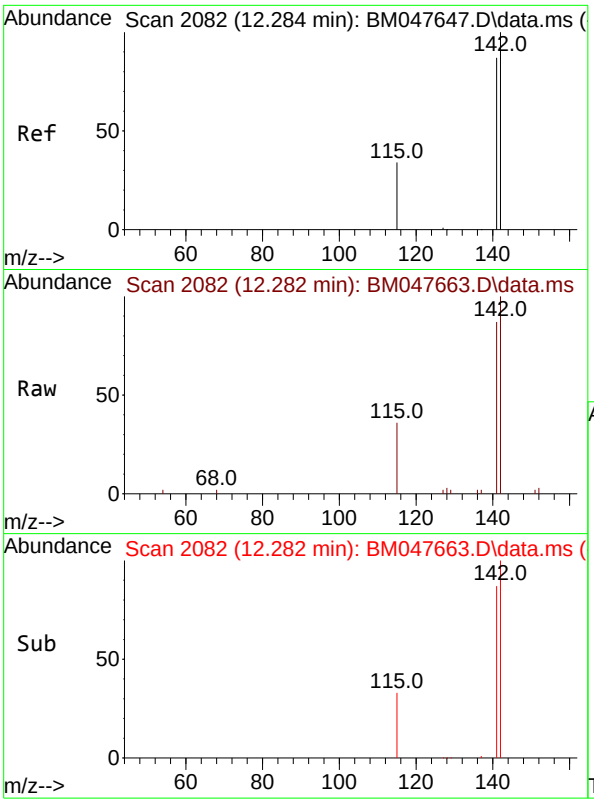


#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.007 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:128 Resp: 12010

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.6	10.4	15.6



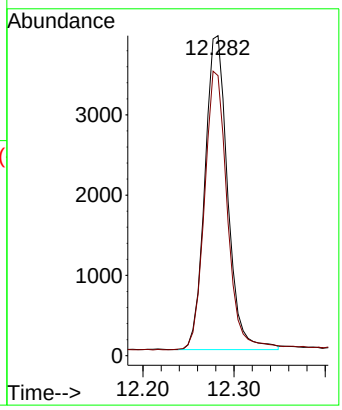


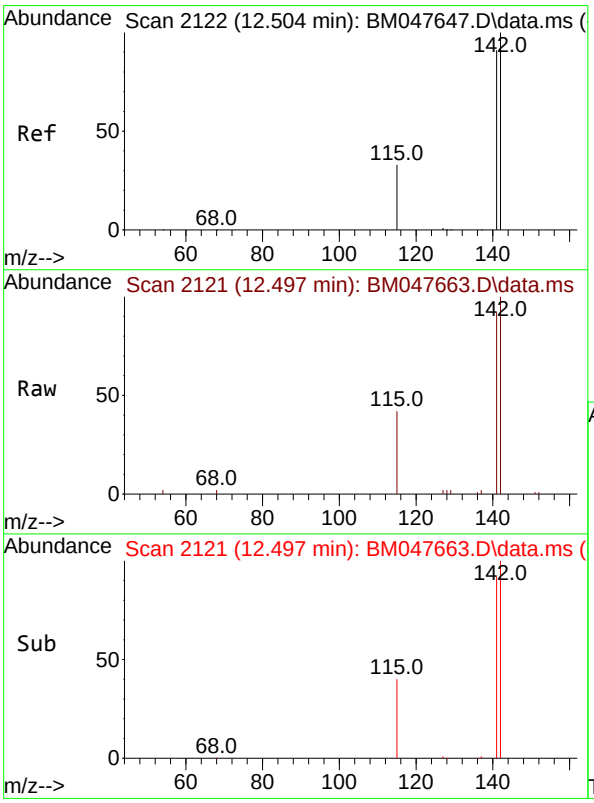
#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.282 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:142 Resp: 6809

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.5	105.7

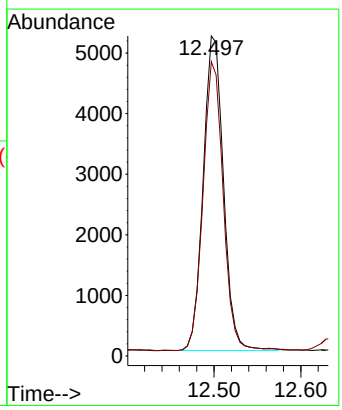


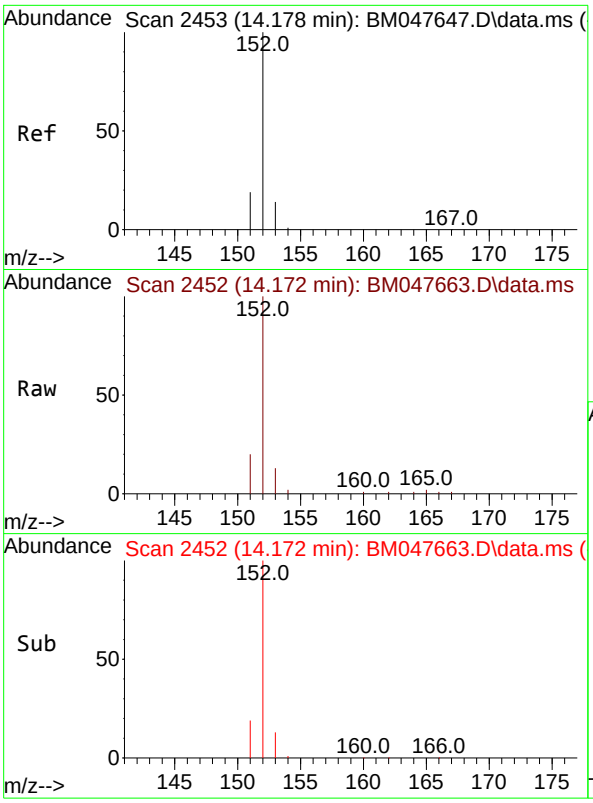


#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:142 Resp: 8421

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.9	109.3



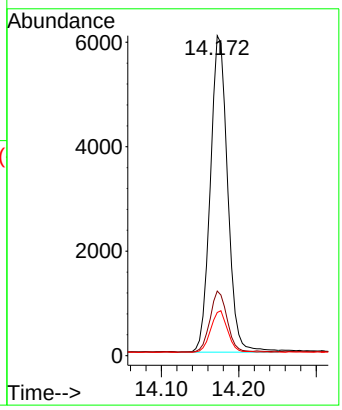


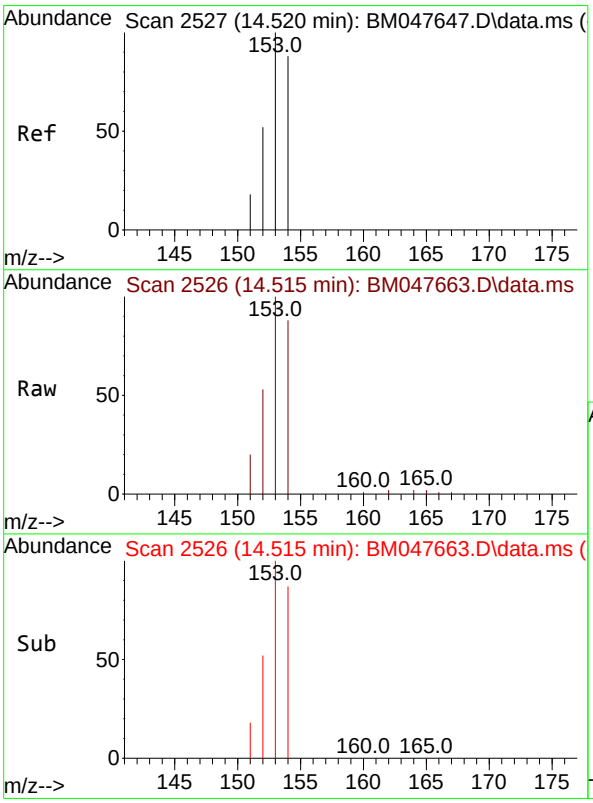
#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:152 Resp: 9424

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.5	10.7	16.1

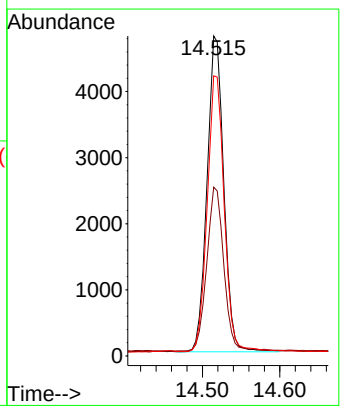


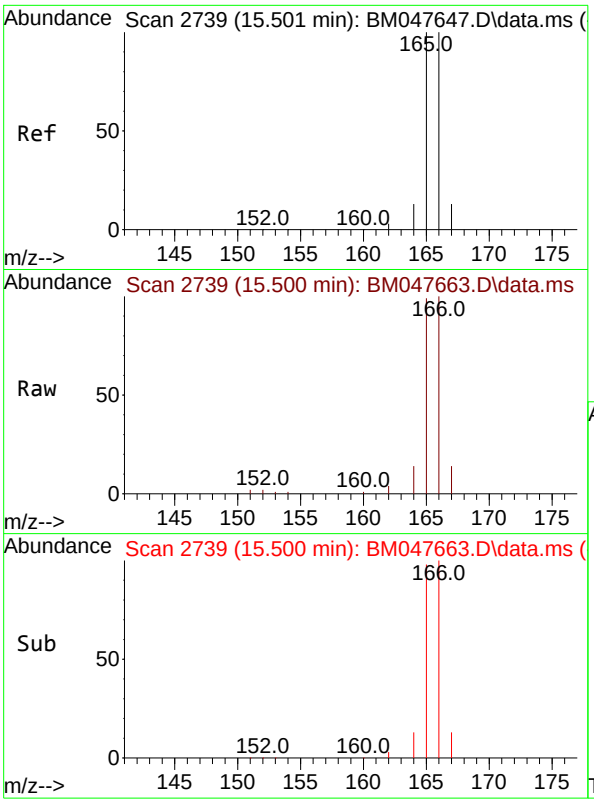


#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:153 Resp: 7169

Ion	Ratio	Lower	Upper
153	100		
152	52.8	41.7	62.5
154	87.6	71.2	106.8



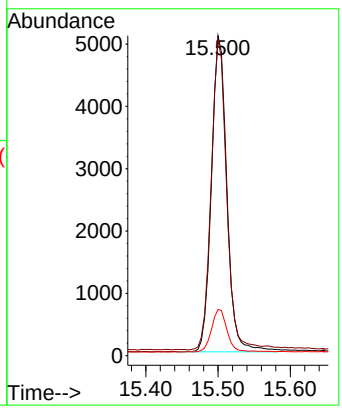


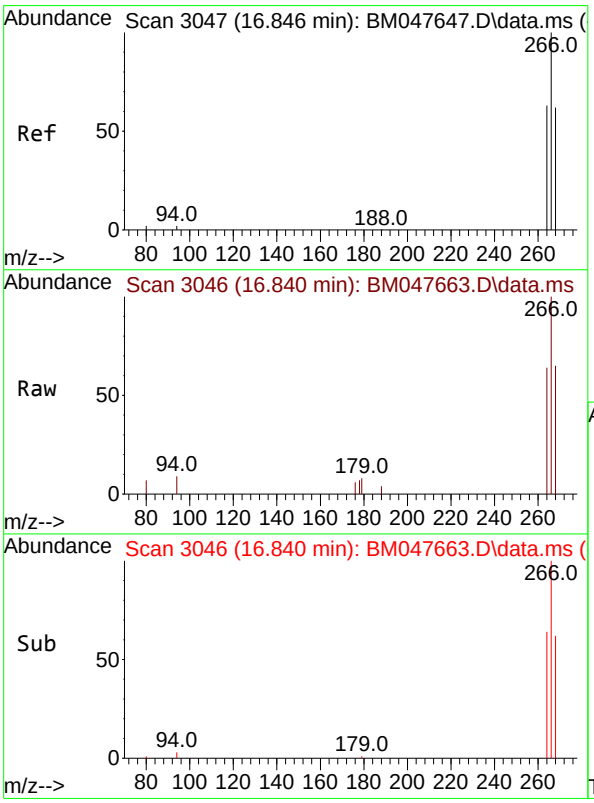
#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:166 Resp: 7546

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.2
167	14.4	11.4	17.0

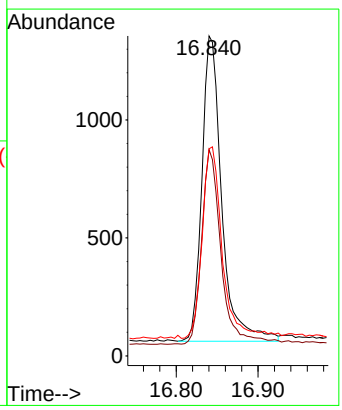


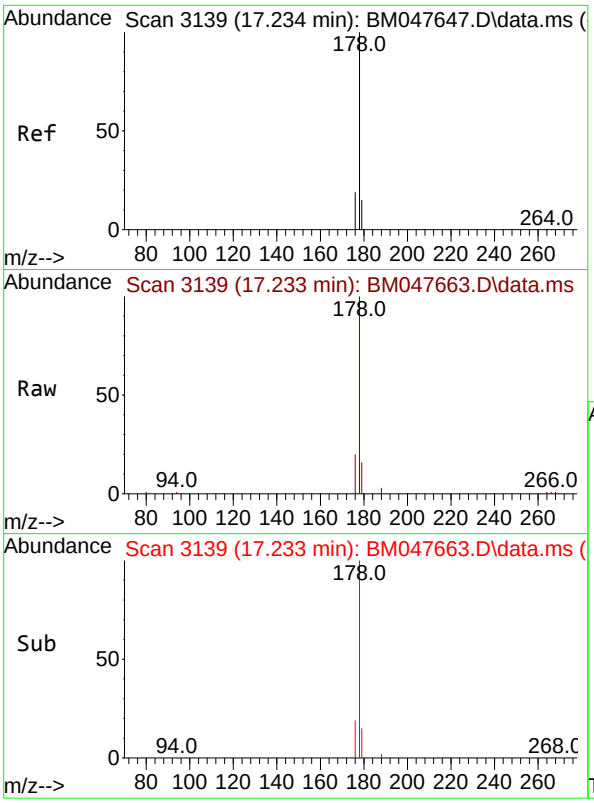


#14
Pentachlorophenol
Concen: 0.583 ng/ul
RT: 16.840 min Scan# 3046
Delta R.T. -0.010 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:266 Resp: 2176

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.8
268	64.4	51.2	76.8



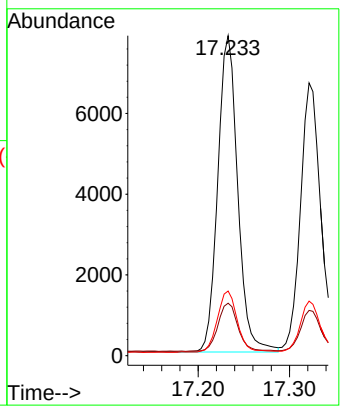


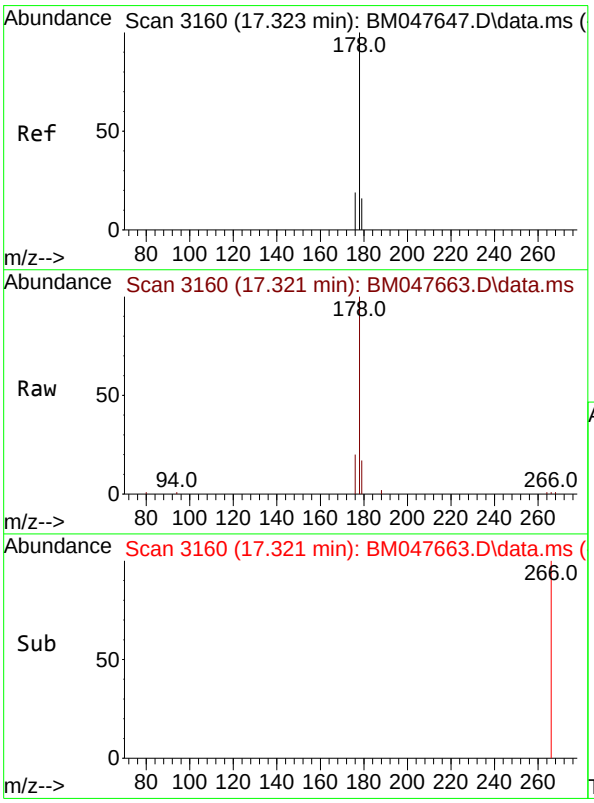
#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:178 Resp: 11867

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.2	15.9	23.9

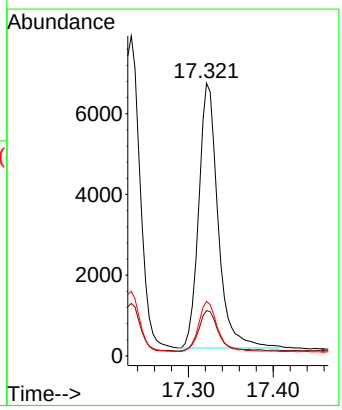


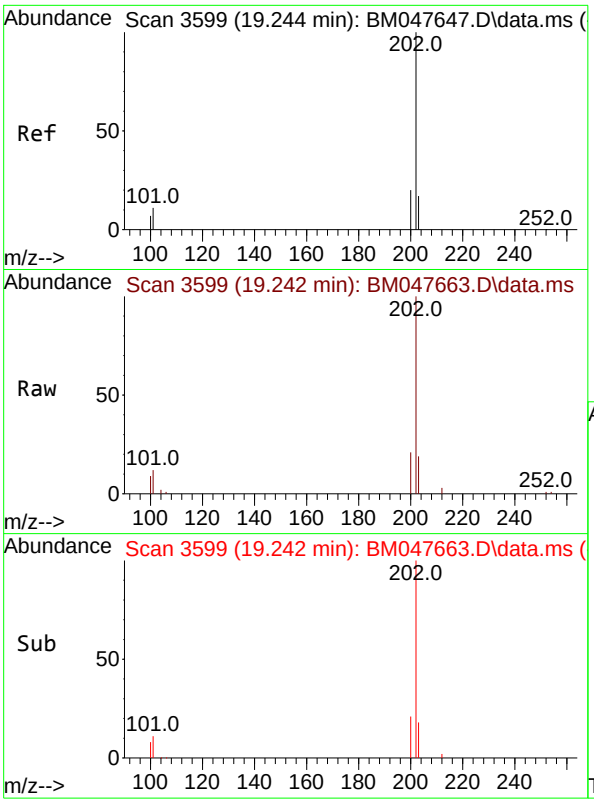


#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.321 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:178 Resp: 10367

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	20.0	15.4	23.2



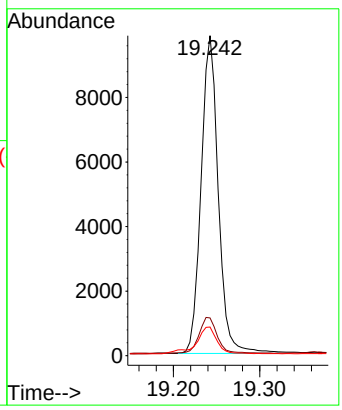


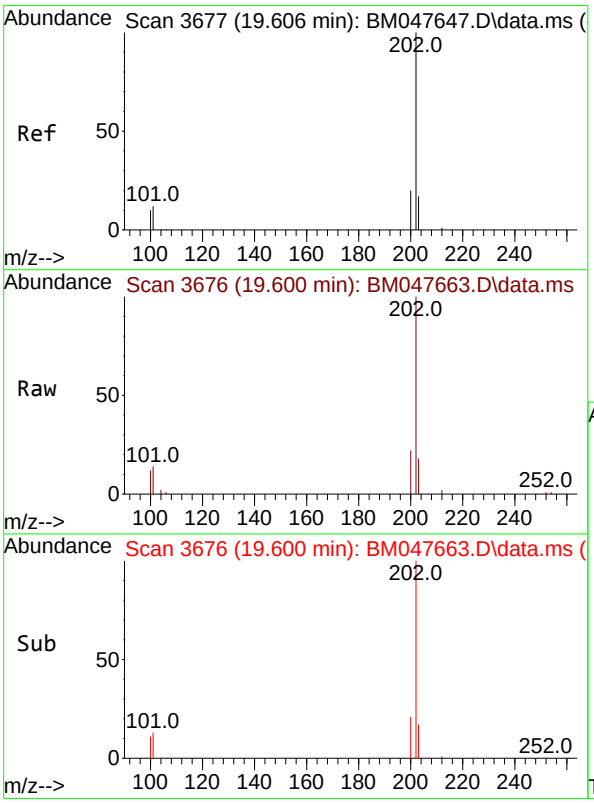
#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 19.242 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:202 Resp: 13623

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.0	7.4	11.2

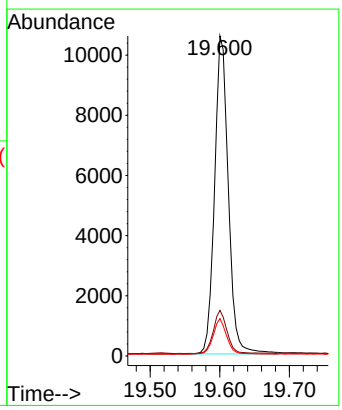


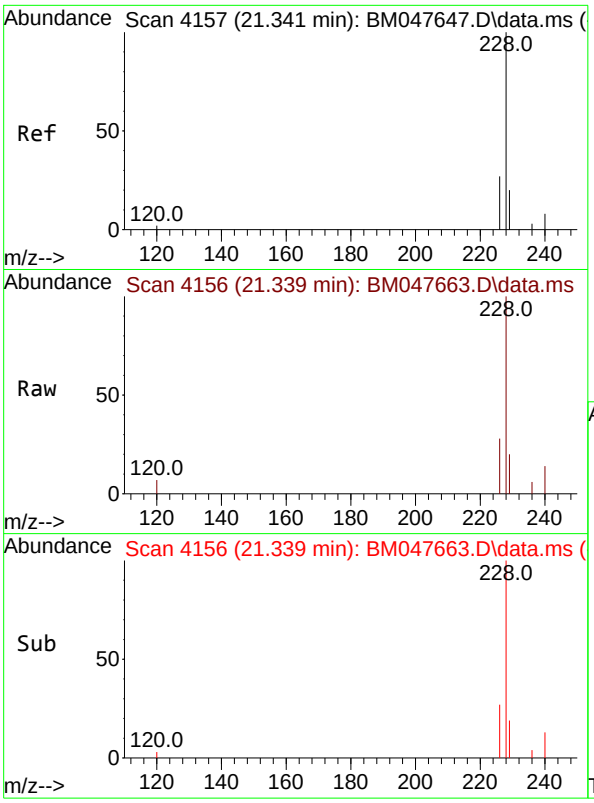


#20
Pyrene
Concen: 0.320 ng/ul
RT: 19.600 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:202 Resp: 14553

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.7	16.1
100	11.7	8.2	12.2



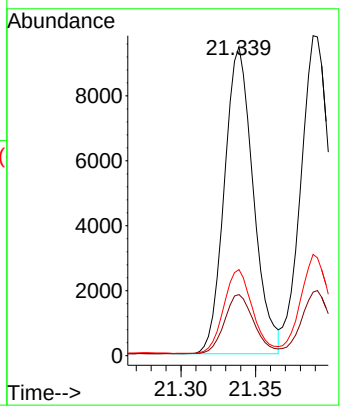


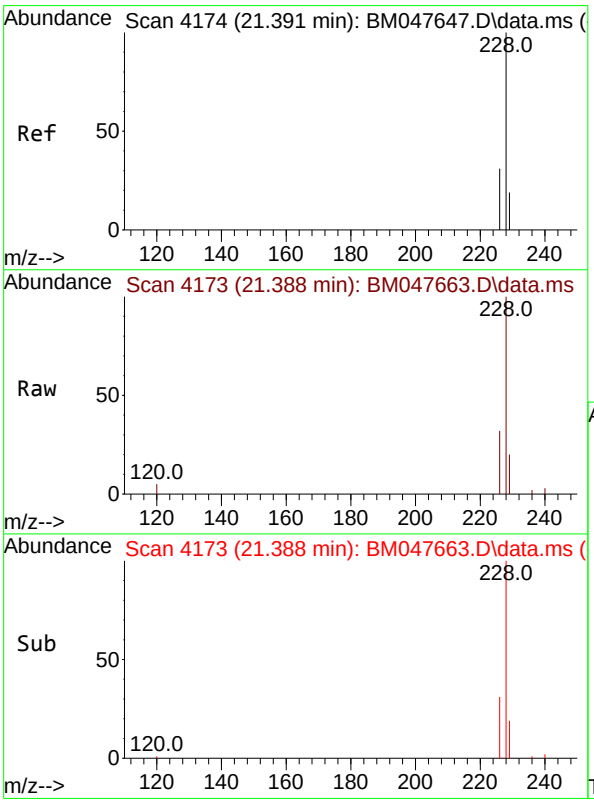
#21
Benzo(a)anthracene
Concen: 0.297 ng/ul
RT: 21.339 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:228 Resp: 12736

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.9	22.1	33.1

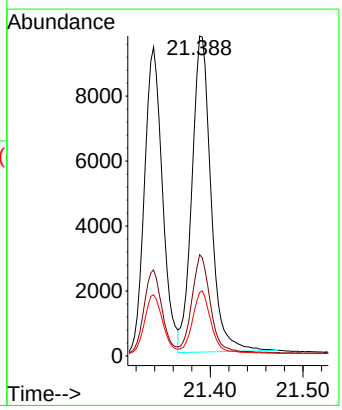


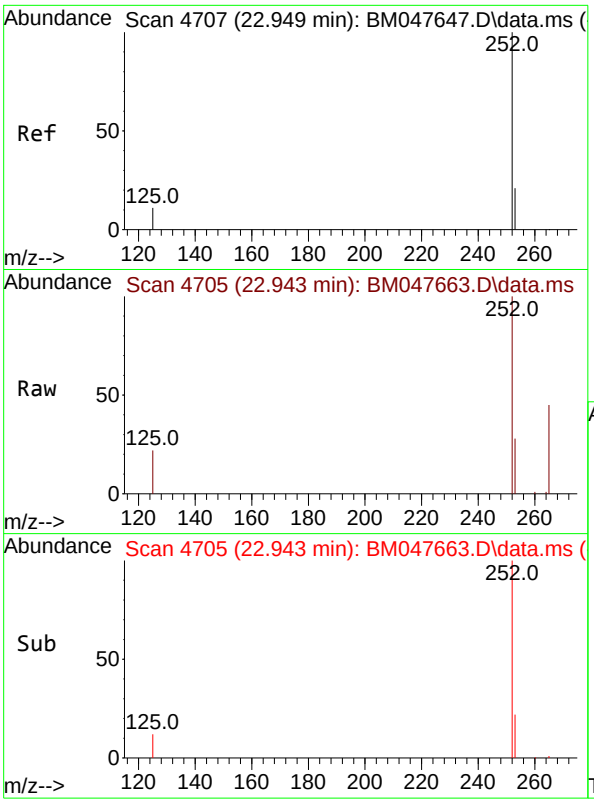


#22
Chrysene
Concen: 0.313 ng/ul
RT: 21.388 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:228 Resp: 13937

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	19.8	15.7	23.5



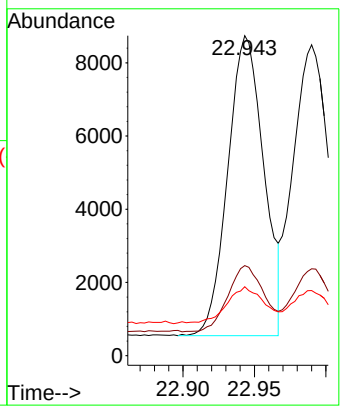


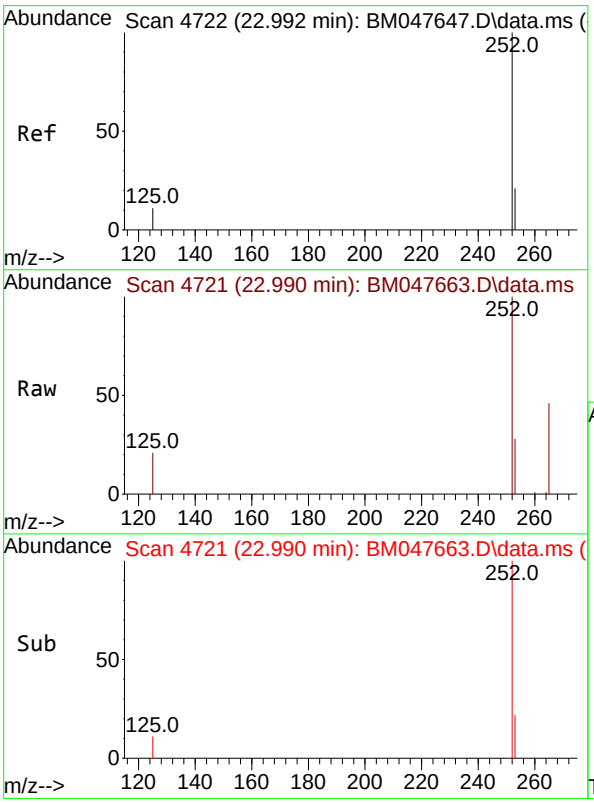
#24
Benzo(b)fluoranthene
Concen: 0.301 ng/ul
RT: 22.943 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:252 Resp: 14385

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	52.4
125	21.6	0.0	36.4

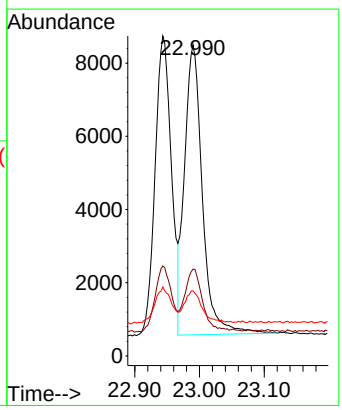


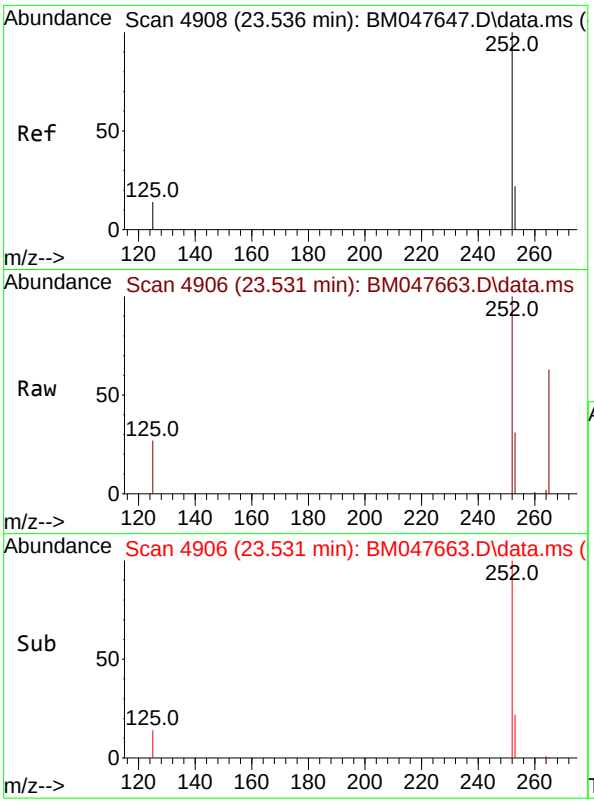


#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.003 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:252 Resp: 15206

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.0	31.6
125	20.9	14.6	21.8



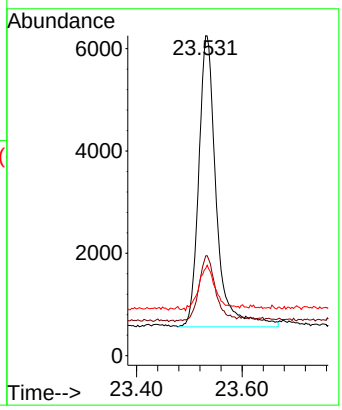


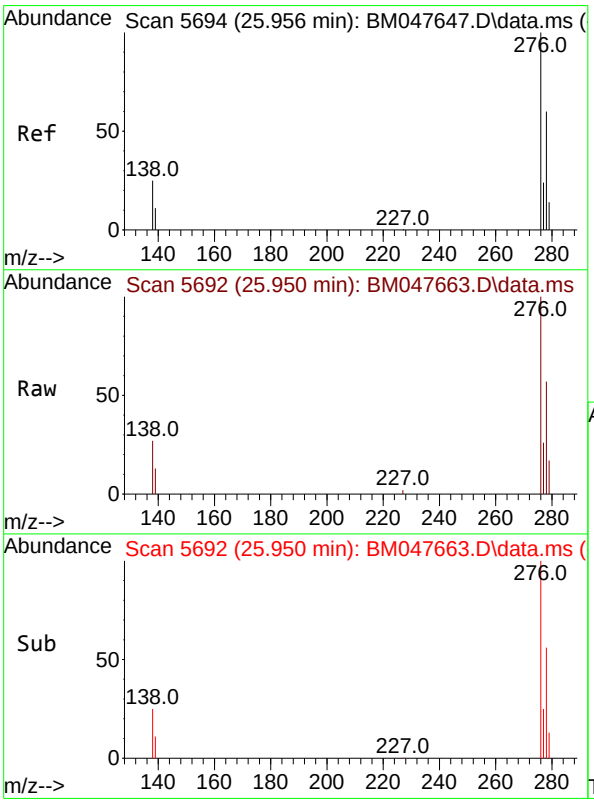
#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.531 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:252 Resp: 13126

Ion	Ratio	Lower	Upper
252	100		
253	31.2	23.0	34.4
125	27.2	18.8	28.2

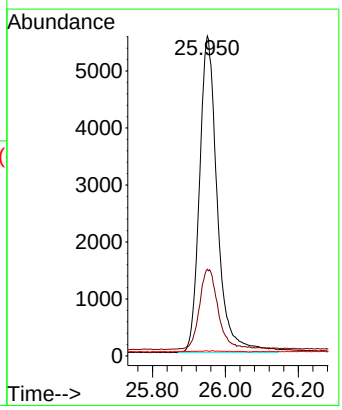


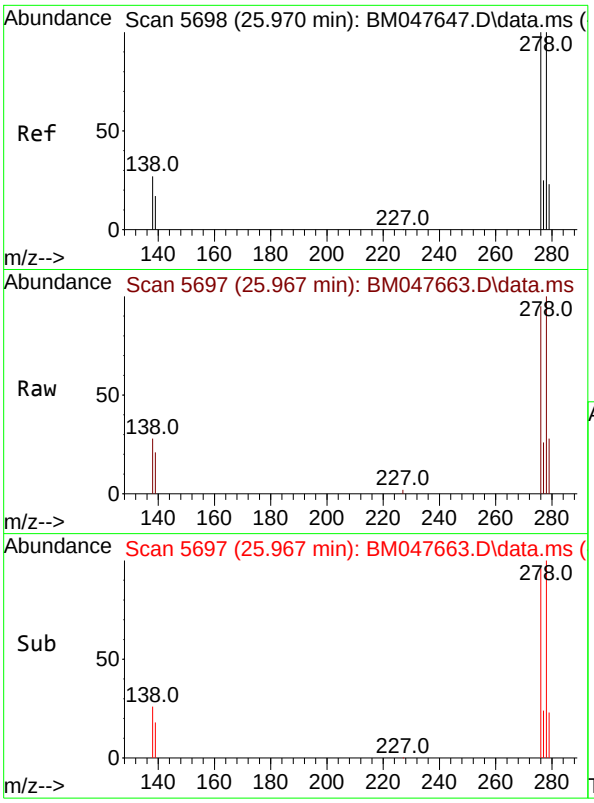


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.010 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:276 Resp: 18871

Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.0	33.0
227	0.1	0.2	0.4#



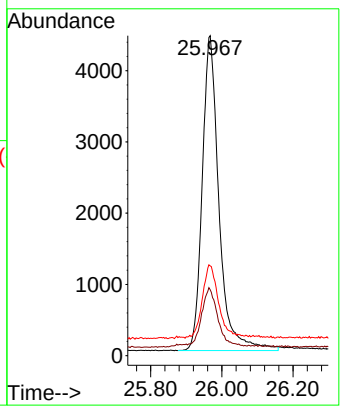


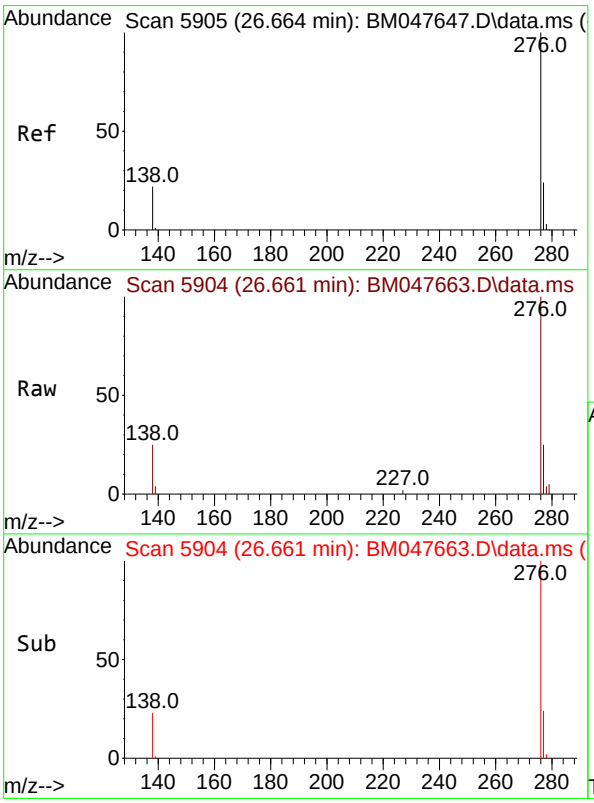
#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 25.967 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Instrument :
BNA_M
ClientSampleId :
SLCS683

Tgt Ion:278 Resp: 14408

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.8	25.2
279	28.1	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 26.661 min Scan# 5904
Delta R.T. -0.006 min
Lab File: BM047663.D
Acq: 27 Sep 2024 03:03

Tgt Ion:276 Resp: 15715

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.2
277	25.5	19.8	29.6