Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048640.D
Acq On : 13 Nov 2024 18:34
Operator : RC/JU
Sample : PB164900BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS900

Quant Time: Nov 14 02:21:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.720	152	3854	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.486	136	12993	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.322	164	7660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	15570	0.400	ng/ul	0.00
17) Chrysene-d12	21.260	240	12904	0.400	ng/ul	0.00
23) Perylene-d12	23.478	264	13781	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	4168	0.896	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	7304	0.435	ng/ul	-0.01
18) Fluoranthene-d10	19.104	212	16166	0.446	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.160	88	11274	2.109	ng/ul#	62
5) Naphthalene	10.535	128	13565	0.417	ng/ul	99
7) 2-Methylnaphthalene	12.168	142	8016	0.391	ng/ul	95
8) 1-Methylnaphthalene	12.366	142	10218	0.487	ng/ul	99
10) Acenaphthylene	14.044	152	12271	0.422	ng/ul	100
11) Acenaphthene	14.386	153	9632	0.414	ng/ul	98
12) Fluorene	15.395	166	10410	0.412	ng/ul	99
14) Pentachlorophenol	16.749	266	3154	0.552	ng/ul	98
15) Phenanthrene	17.120	178	15475	0.378	ng/ul	100
16) Anthracene	17.230	178	14082	0.370	ng/ul	99
19) Fluoranthene	19.137	202	19963	0.418	ng/ul	98
20) Pyrene	19.499	202	21546	0.416	ng/ul	99
21) Benzo(a)anthracene	21.251	228	15249	0.361	ng/ul	99
22) Chrysene	21.295	228	23697	0.468	ng/ul	99
24) Benzo(b)fluoranthene	22.811	252	18628	0.434	ng/ul	92
25) Benzo(k)fluoranthene	22.855	252	23743	0.472	ng/ul	92
26) Benzo(a)pyrene	23.390	252	18351	0.438	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.735	276	23567	0.403	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.762	278	17712	0.389	ng/ul	96
29) Benzo(g,h,i)perylene	26.416	276	20691	0.421	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
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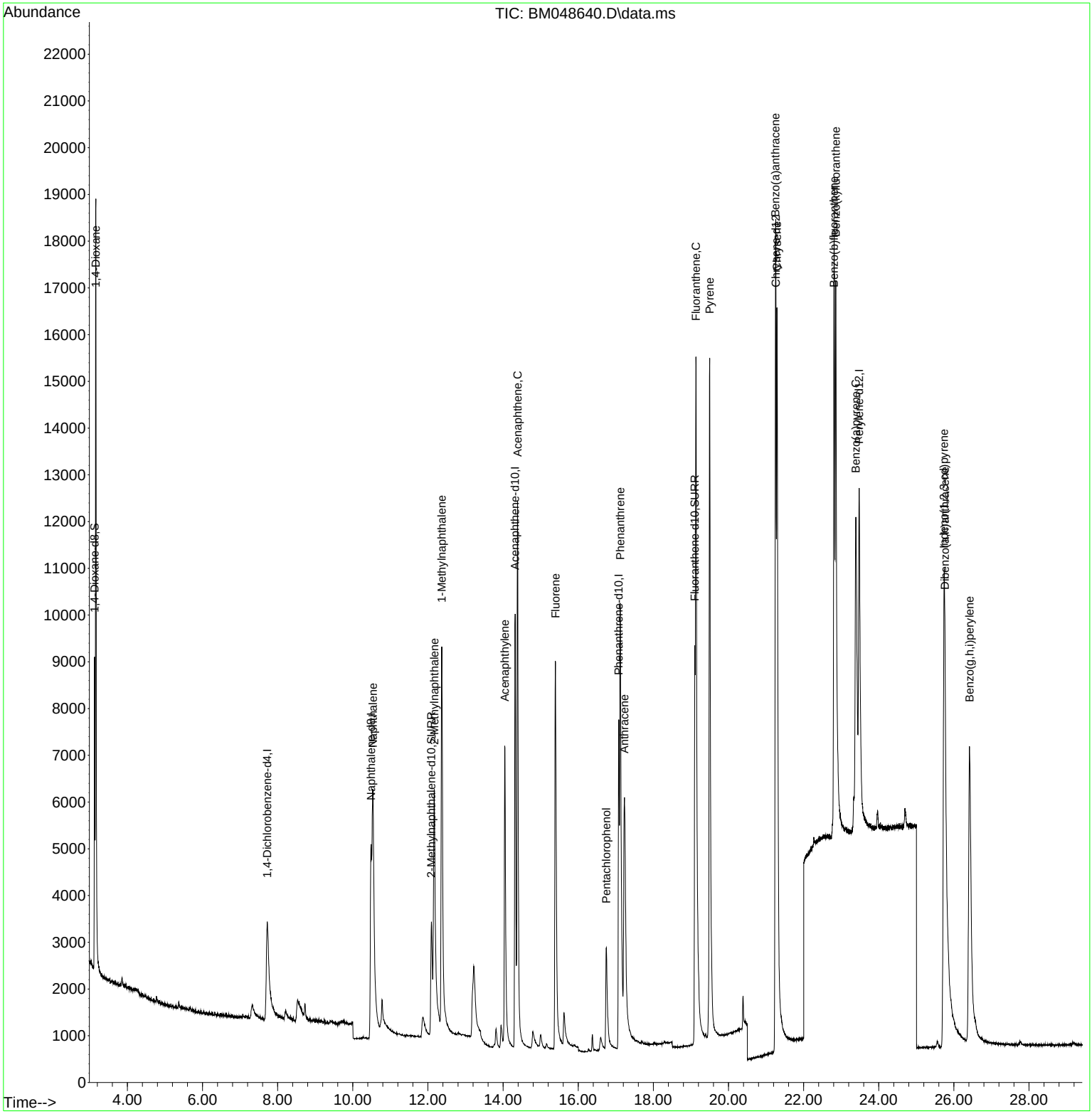
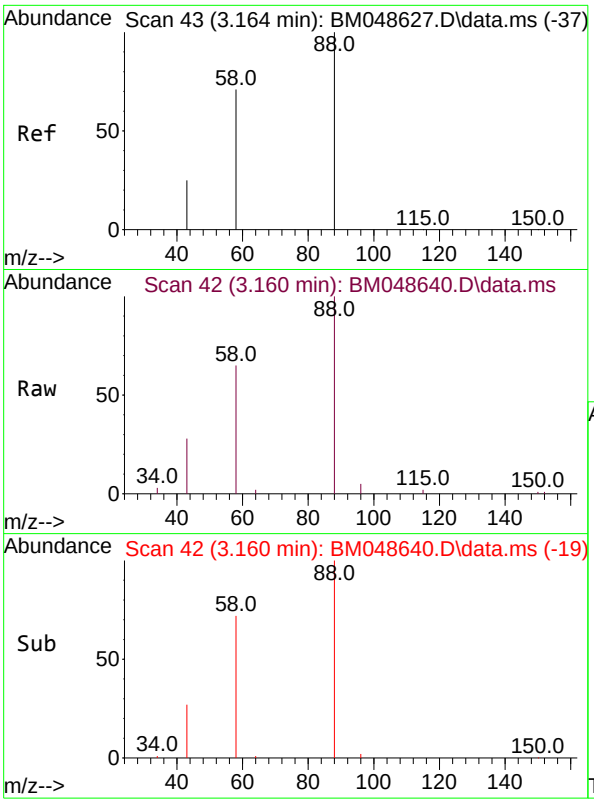
Quant Time: Nov 14 02:21:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration



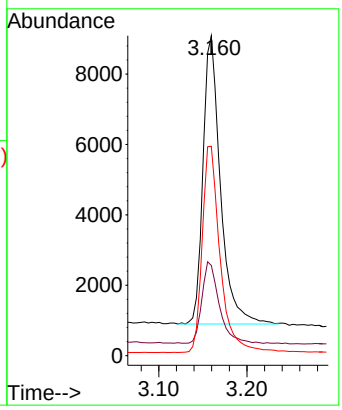


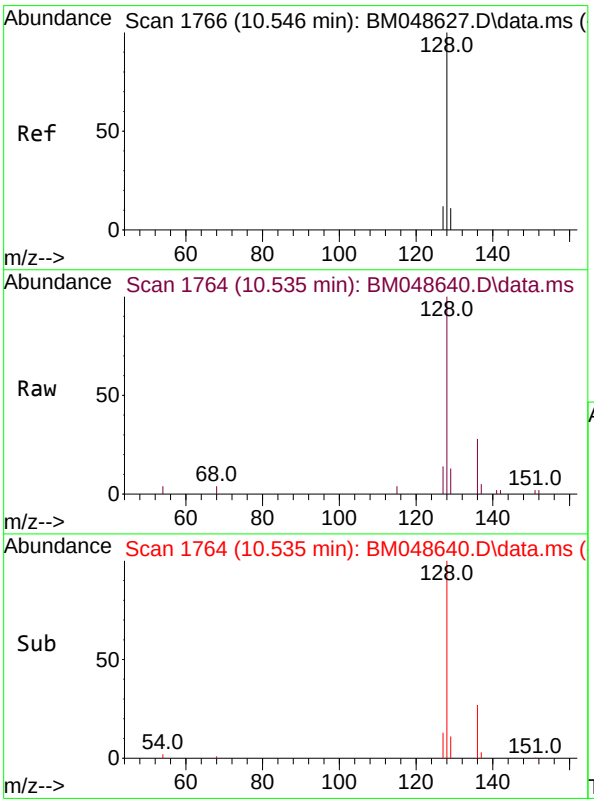
#2
1,4-Dioxane
Concen: 2.109 ng/ul
RT: 3.160 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion: 88 Resp: 11274

Ion	Ratio	Lower	Upper
88	100		
43	28.2	60.2	90.4#
58	65.4	44.2	66.2

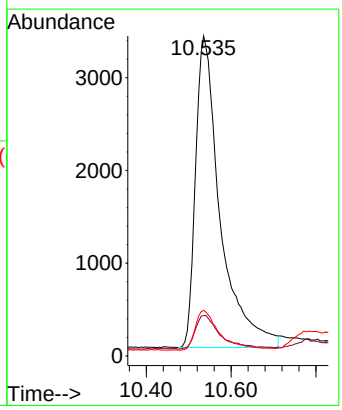


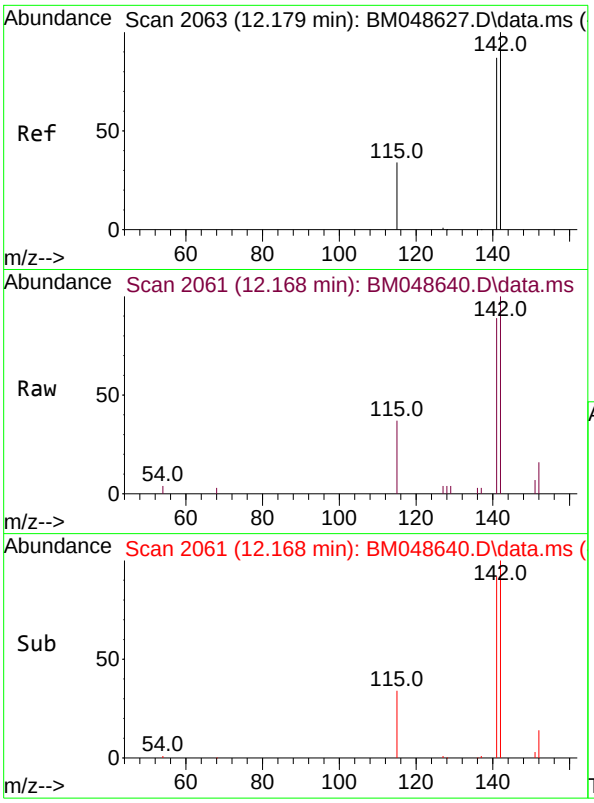


#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.535 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:128 Resp: 13565

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.0	15.0
127	14.3	10.9	16.3



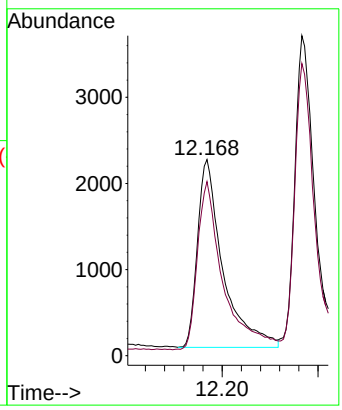


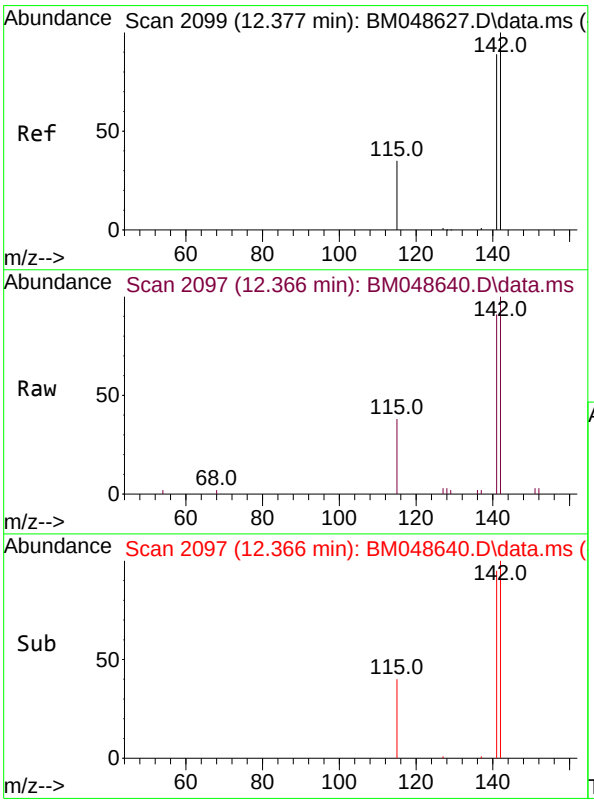
#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.168 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:142 Resp: 8016

Ion	Ratio	Lower	Upper
142	100		
141	90.5	68.6	103.0

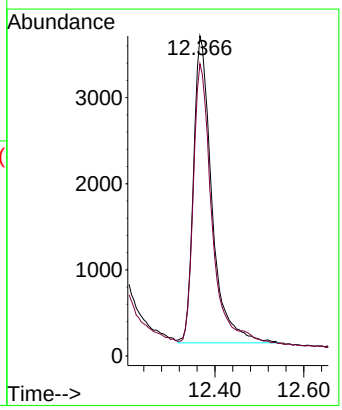


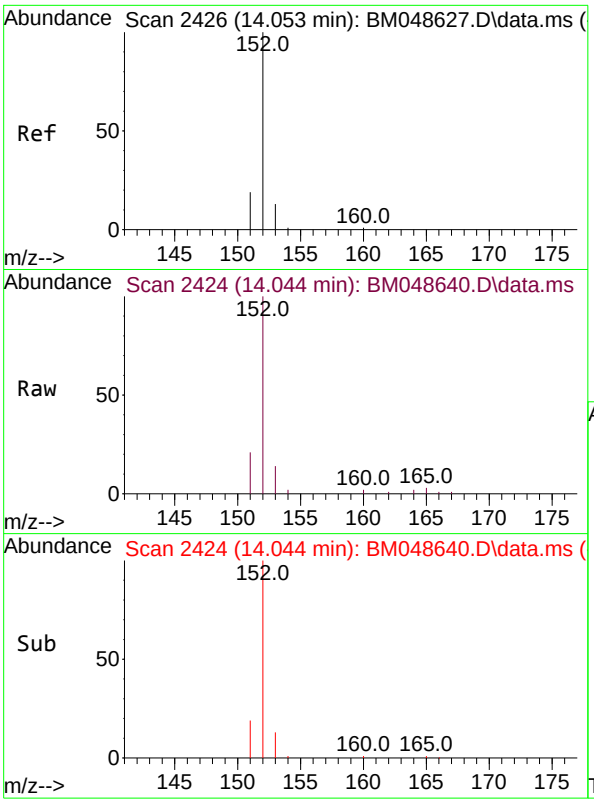


#8
1-Methylnaphthalene
Concen: 0.487 ng/ul
RT: 12.366 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:142 Resp: 10218

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.8	109.2



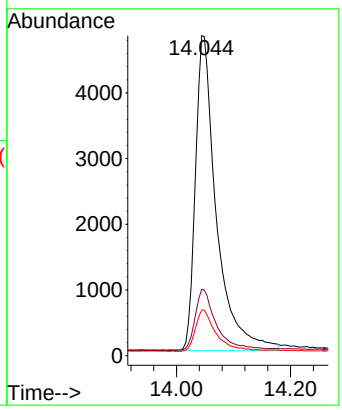


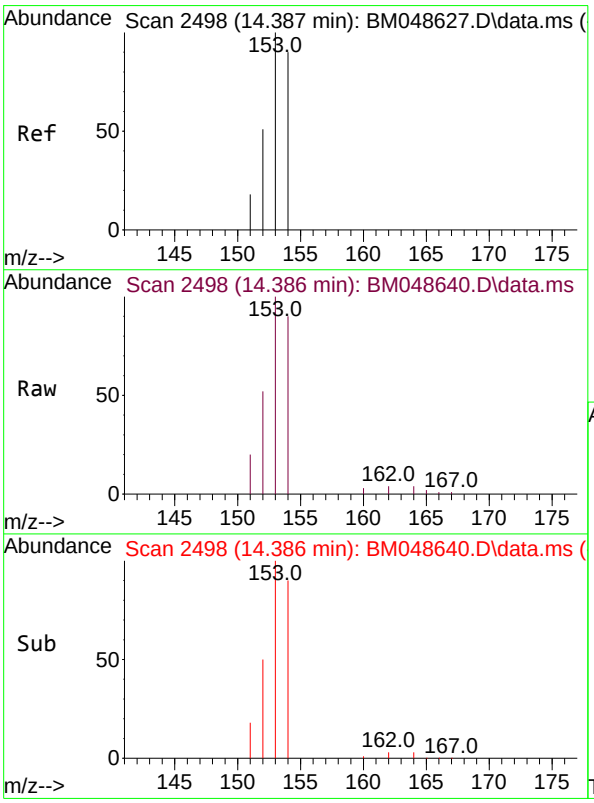
#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.044 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:152 Resp: 12271

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7
153	14.2	11.6	17.4

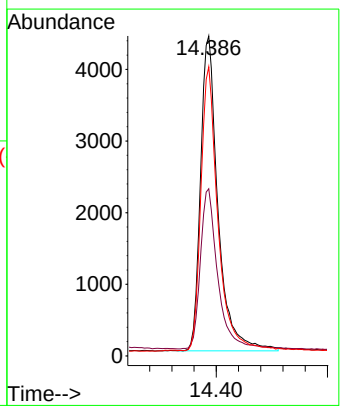


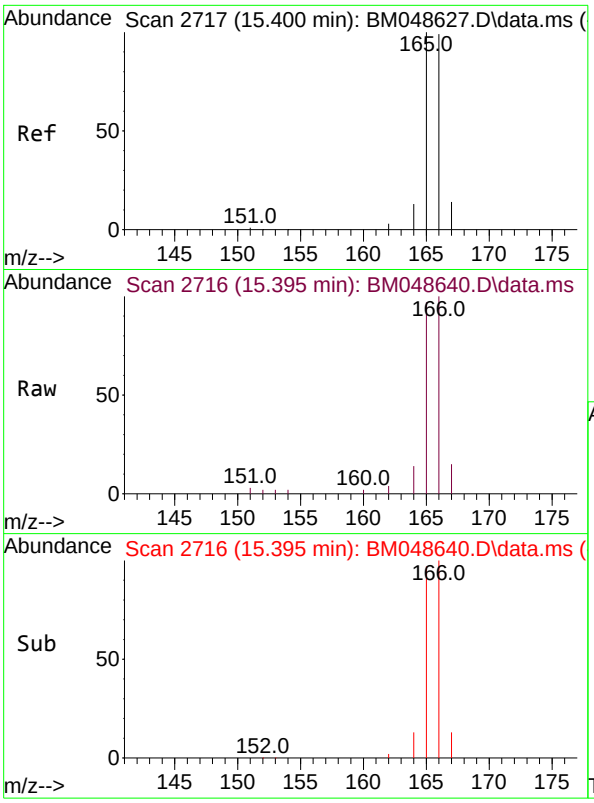


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.386 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:153 Resp: 9632

Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.1	61.7
154	90.3	70.3	105.5



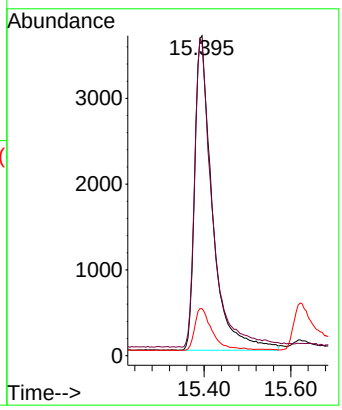


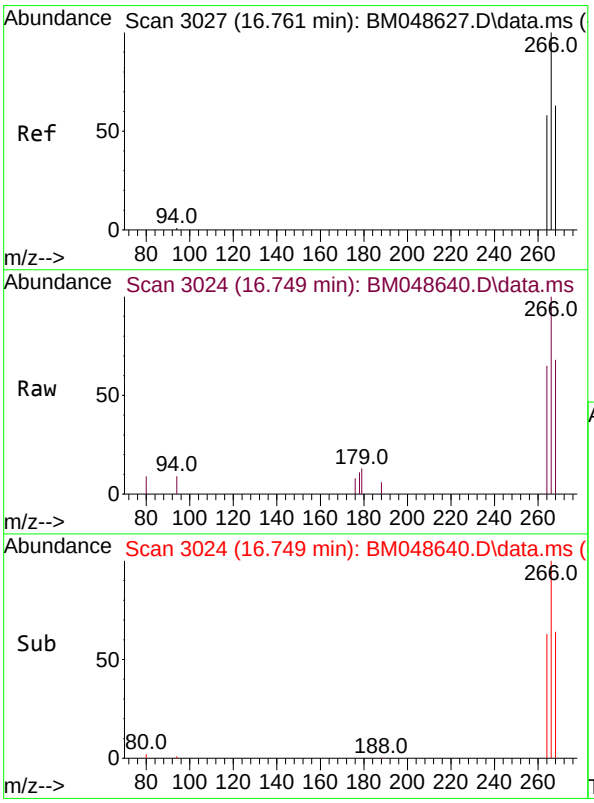
#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.395 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:166 Resp: 10410

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.7	118.1
167	14.7	12.6	18.8

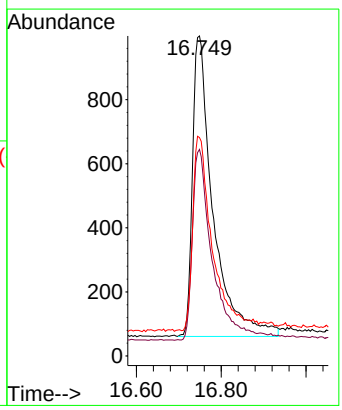


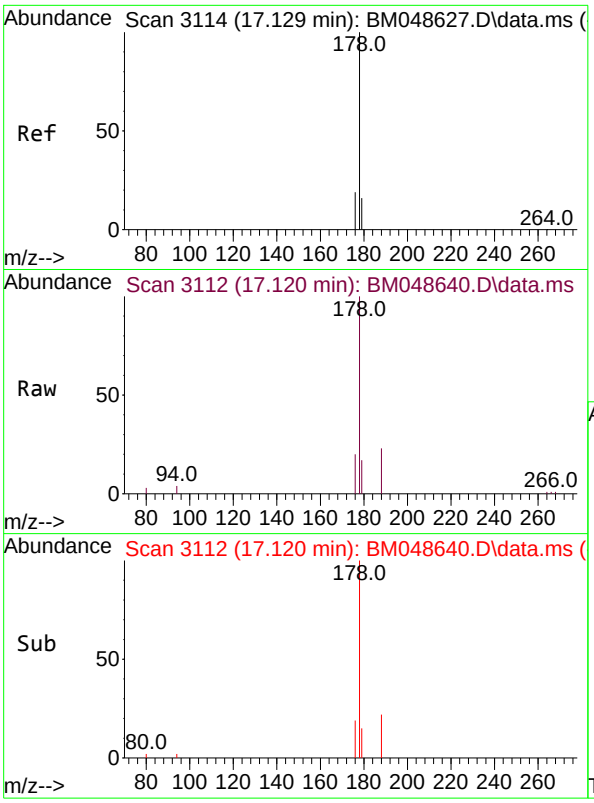


#14
Pentachlorophenol
Concen: 0.552 ng/ul
RT: 16.749 min Scan# 3024
Delta R.T. -0.013 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:266 Resp: 3154

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.6	74.4
268	64.4	49.4	74.0



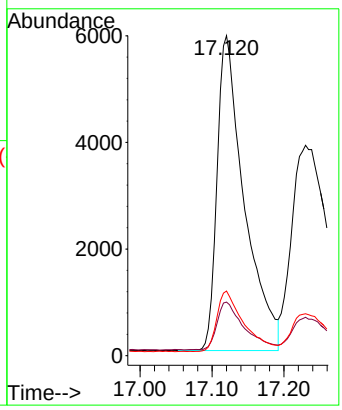


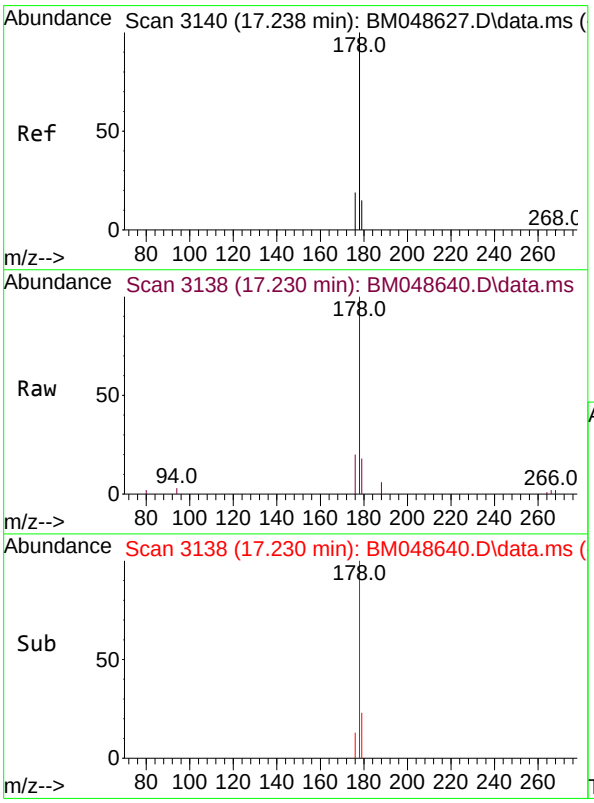
#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.120 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:178 Resp: 15475

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.0
176	20.2	16.2	24.2

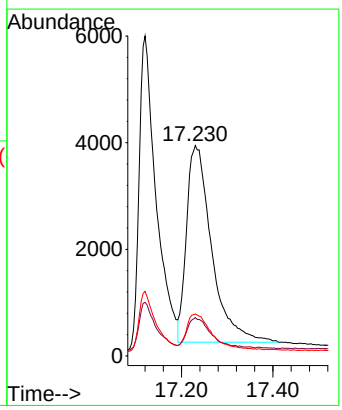


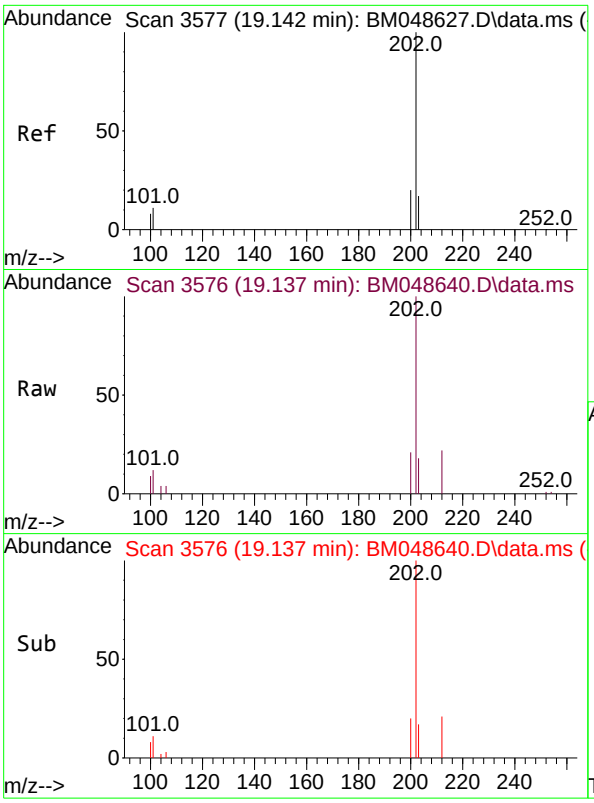


#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.230 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:178 Resp: 14082

Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.7	20.5
176	19.9	15.9	23.9



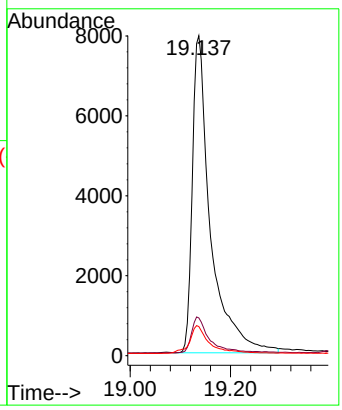


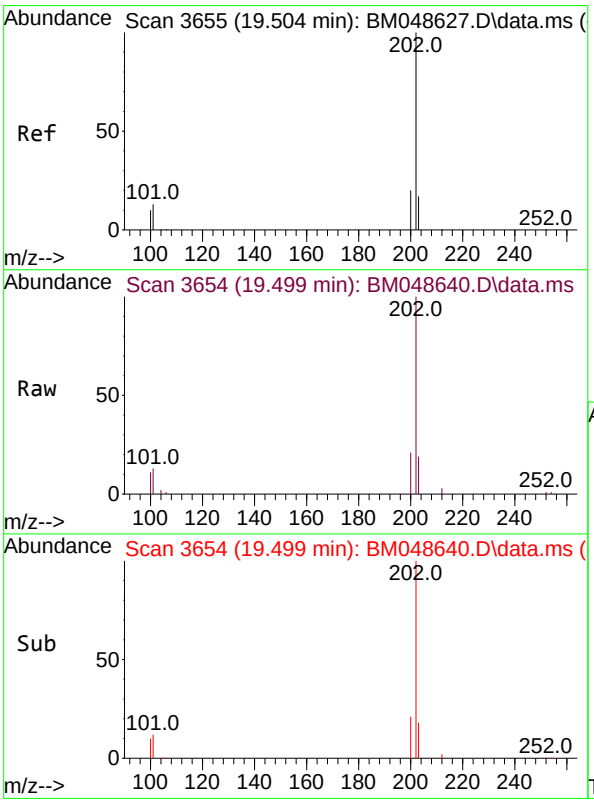
#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.137 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:202 Resp: 19963

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.2	15.4
100	9.1	7.3	10.9

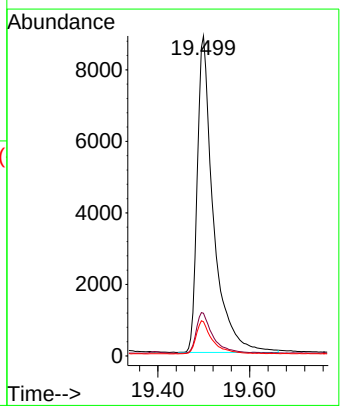


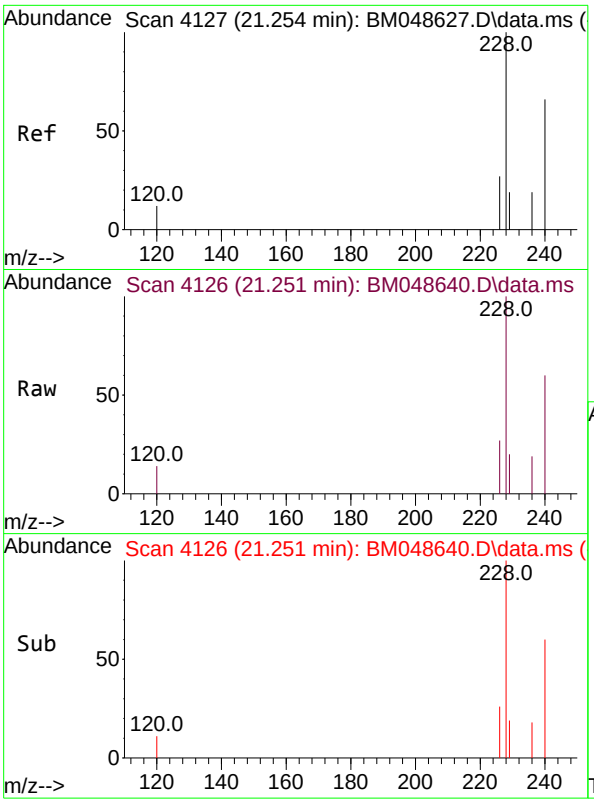


#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.499 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:202 Resp: 21546

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.4	17.2
100	10.7	8.5	12.7





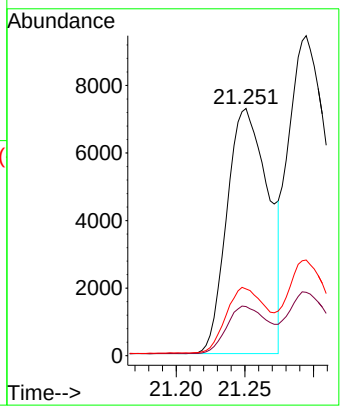
#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.251 min Scan# 4

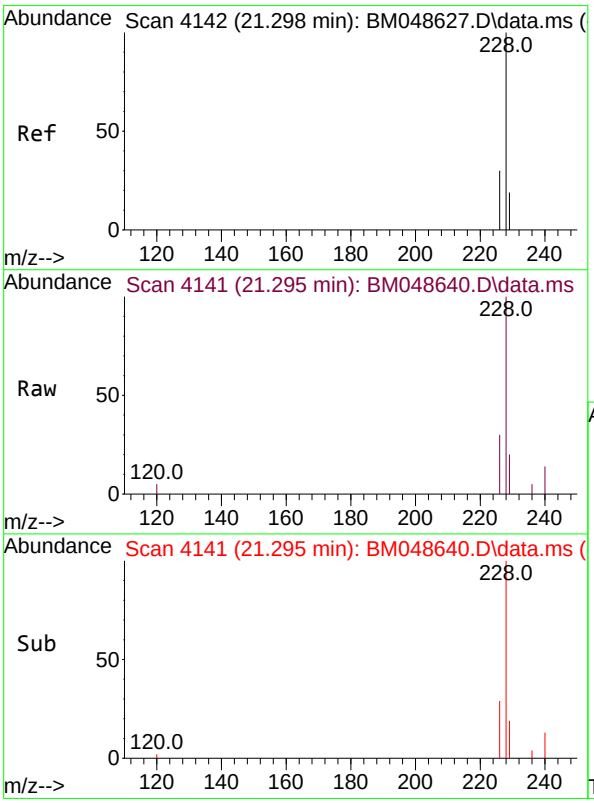
Instrument :
BNA_M
ClientSampleId :
SLCS900

Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:228 Resp: 15249

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.2
226	27.0	22.1	33.1

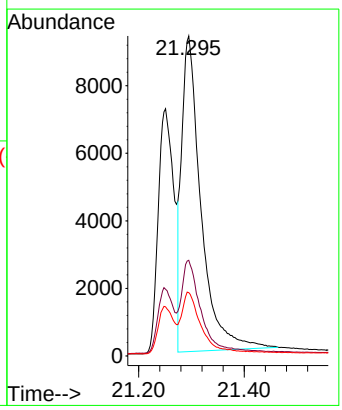


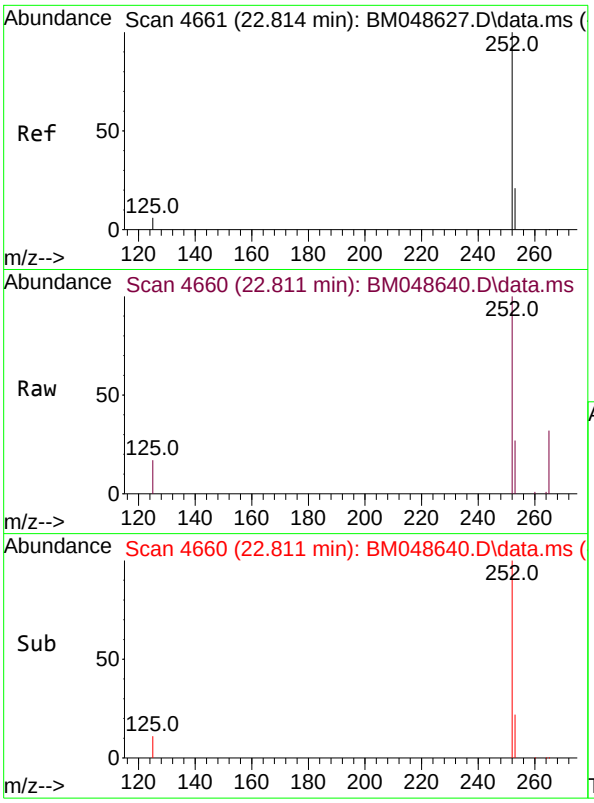


#22
Chrysene
Concen: 0.468 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:228 Resp: 23697

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.8	16.5	24.7



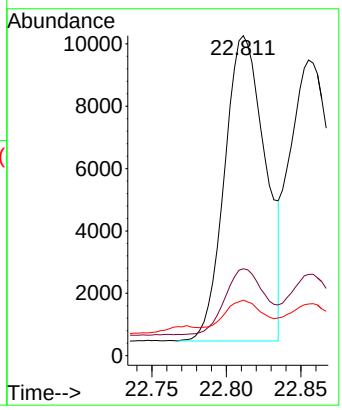


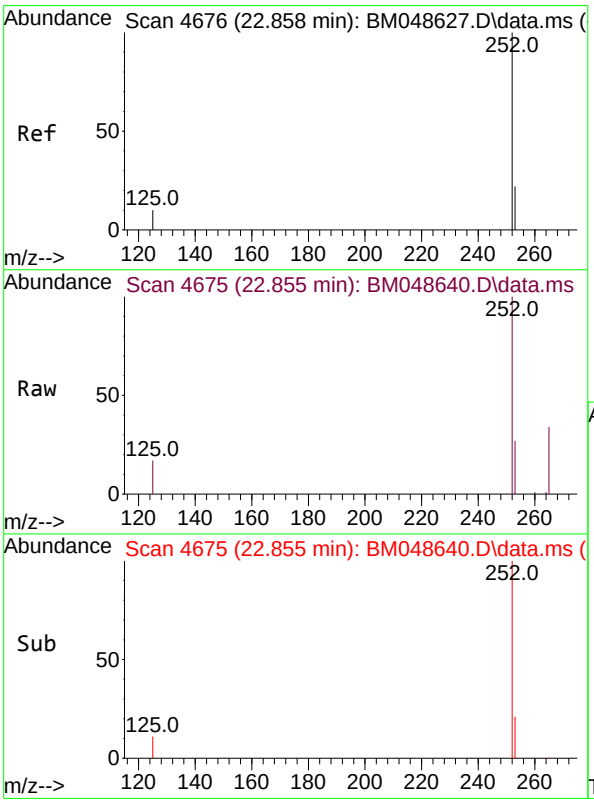
#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 22.811 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:252 Resp: 18628

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	61.6
125	17.4	0.0	43.2

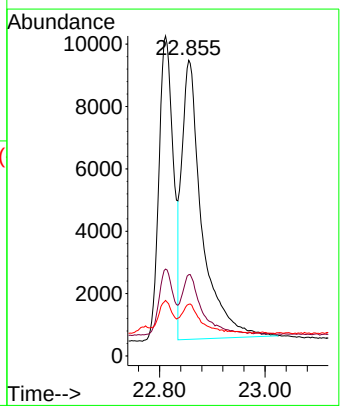


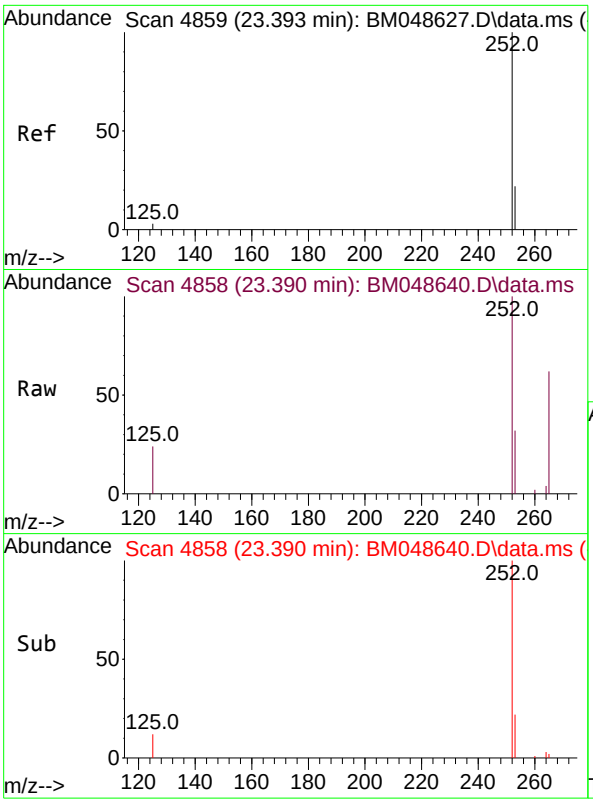


#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 22.855 min Scan# 4675
Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:252 Resp: 23743

Ion	Ratio	Lower	Upper
252	100		
253	27.5	25.0	37.4
125	17.5	17.4	26.0



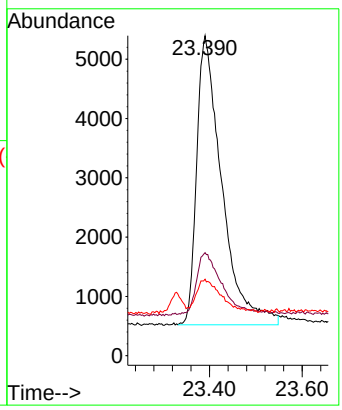


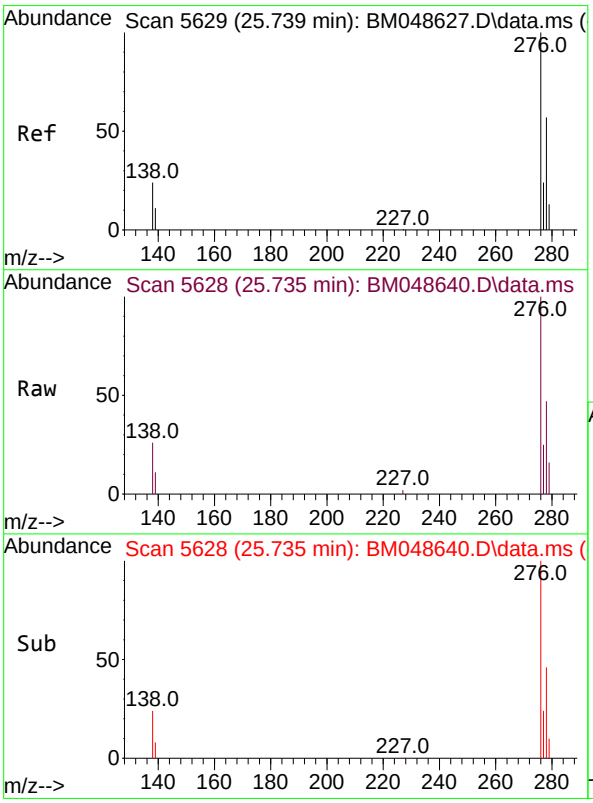
#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.390 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:252 Resp: 18351

Ion	Ratio	Lower	Upper
252	100		
253	32.2	29.6	44.4
125	23.9	23.9	35.9#

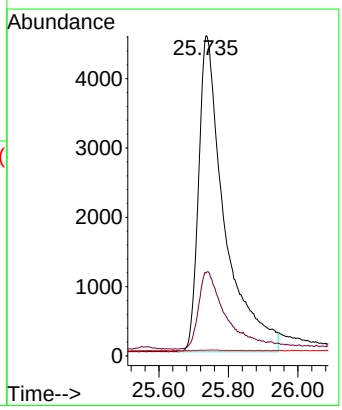


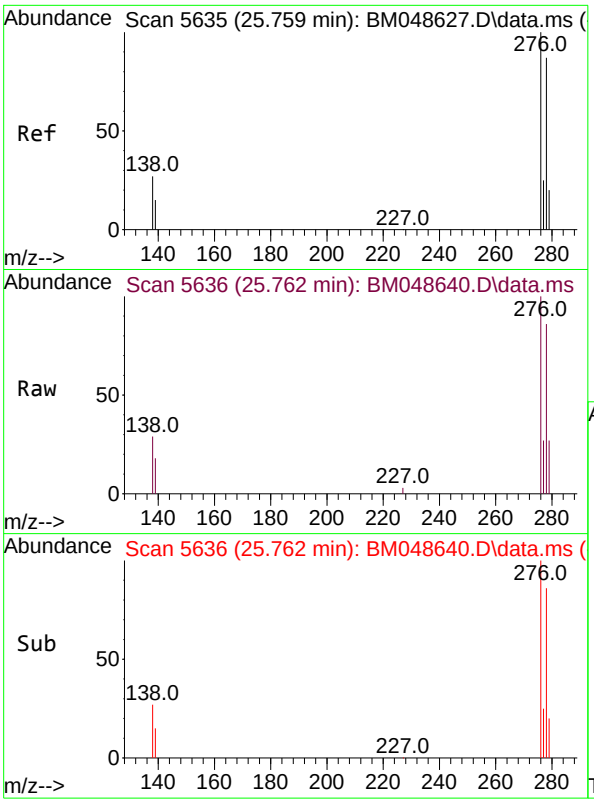


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 25.735 min Scan# 5628
Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:276 Resp: 23567

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.1	30.1
227	0.1	0.1	0.1#



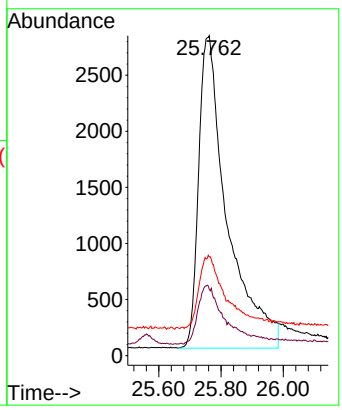


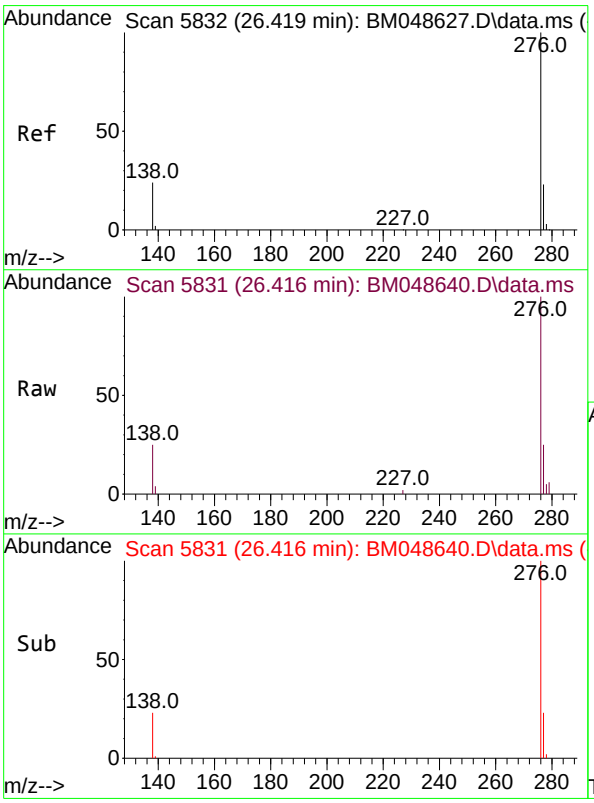
#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 25.762 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:278 Resp: 17712

Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.8	26.8
279	30.8	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 26.416 min Scan# 5831
Delta R.T. -0.003 min
Lab File: BM048640.D
Acq: 13 Nov 2024 18:34

Tgt Ion:276 Resp: 20691

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.0	31.6
277	25.2	20.5	30.7