Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030130.D
Acq On : 28 Feb 2024 14:49
Operator : MA/JU
Sample : PB159155BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS155

Quant Time: Feb 28 15:45:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.650	136	13706	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	5818	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	9655	0.400	ng/ul	0.00
17) Chrysene-d12	21.461	240	7308	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	6638	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	4660	0.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	6594	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	10079	0.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.353	88	13448	2.401	ng/ul#	83
5) Naphthalene	10.700	128	14547	0.377	ng/ul	99
7) 2-Methylnaphthalene	12.316	142	8051	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.536	142	8389	0.372	ng/ul	98
10) Acenaphthylene	14.220	152	10594	0.373	ng/ul	98
11) Acenaphthene	14.562	153	8457	0.392	ng/ul	98
12) Fluorene	15.561	166	8255	0.366	ng/ul	100
14) Pentachlorophenol	16.909	266	2131	0.990	ng/ul#	51
15) Phenanthrene	17.301	178	11694	0.388	ng/ul	98
16) Anthracene	17.394	178	9975	0.393	ng/ul	99
19) Fluoranthene	19.323	202	13485	0.402	ng/ul	99
20) Pyrene	19.685	202	14376	0.418	ng/ul	99
21) Benzo(a)anthracene	21.446	228	9811	0.372	ng/ul	99
22) Chrysene	21.493	228	12021	0.417	ng/ul	100
24) Benzo(b)fluoranthene	23.104	252	11016	0.441	ng/ul	98
25) Benzo(k)fluoranthene	23.153	252	12874	0.465	ng/ul	98
26) Benzo(a)pyrene	23.720	252	10380	0.442	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.278	276	12787	0.449	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.319	278	9901	0.443	ng/ul	92
29) Benzo(g,h,i)perylene	27.010	276	10104	0.391	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030130.D
Acq On : 28 Feb 2024 14:49
Operator : MA/JU
Sample : PB159155BS
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
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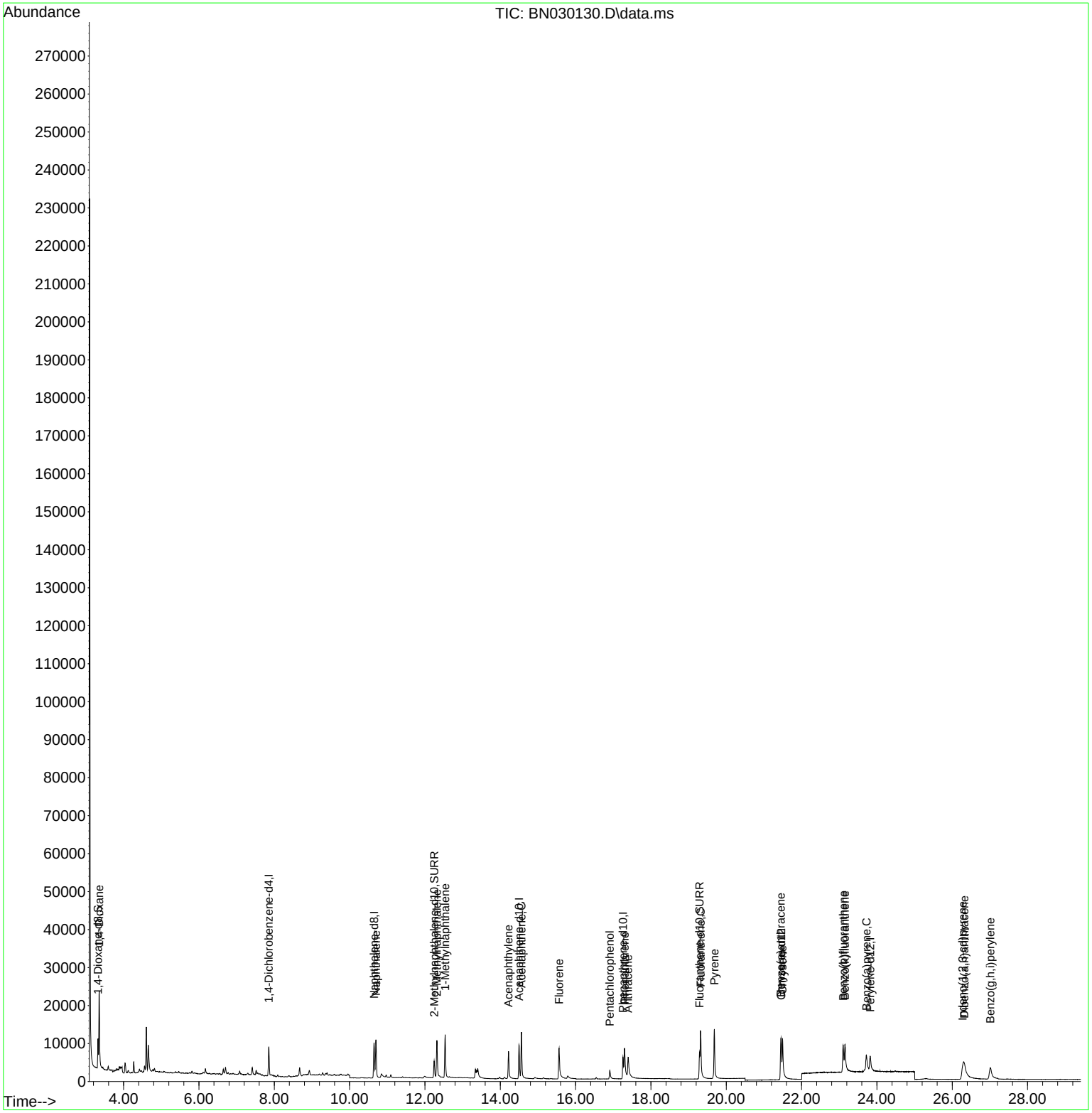
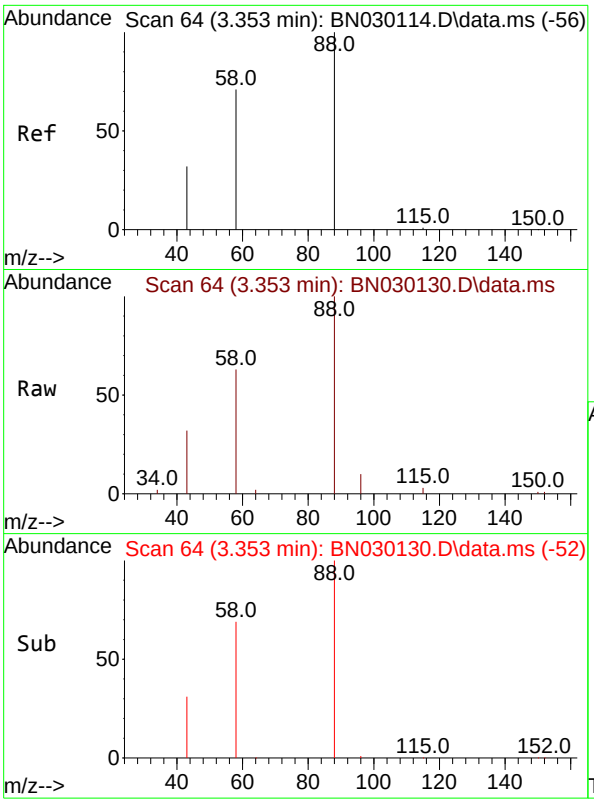


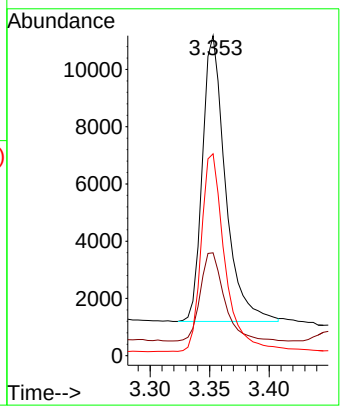


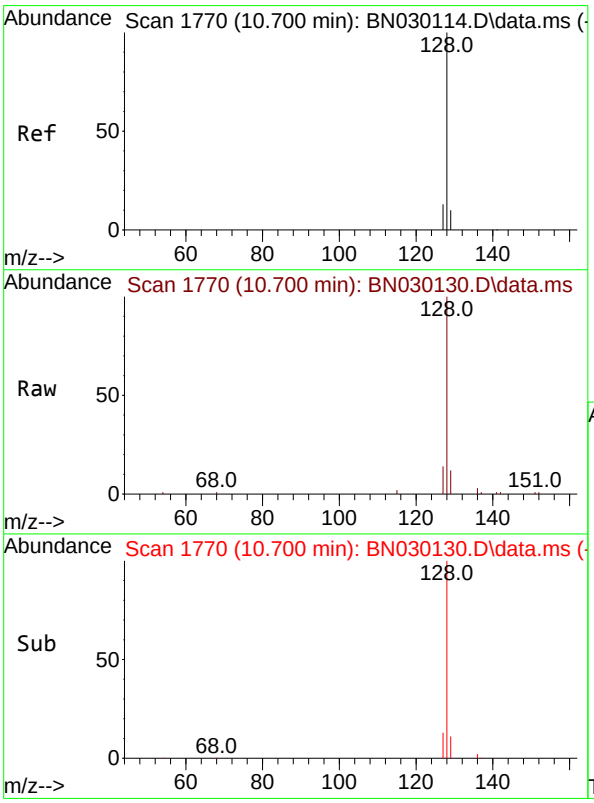
#2
1,4-Dioxane
Concen: 2.401 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion: 88 Resp: 13448

Ion	Ratio	Lower	Upper
88	100		
43	32.2	21.8	32.6
58	63.1	39.3	58.9#

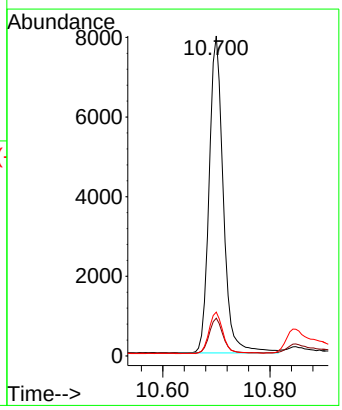


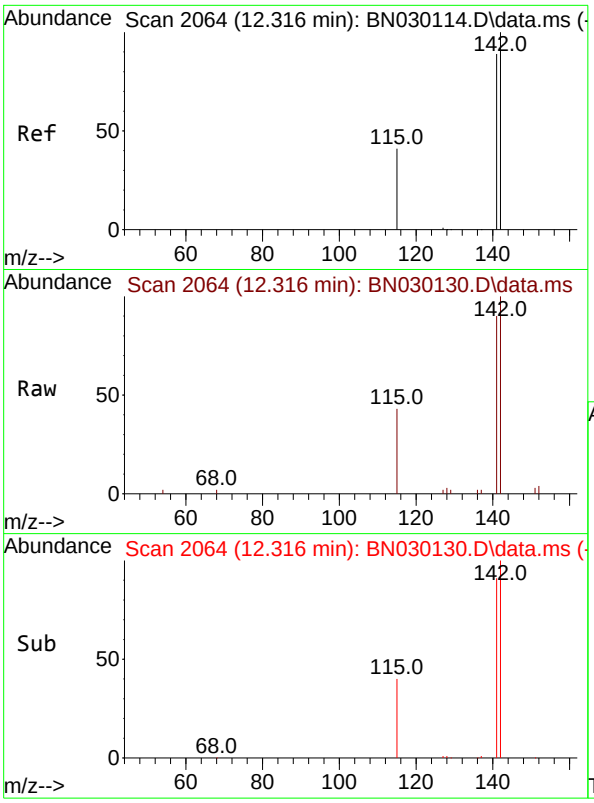


#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.700 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:128 Resp: 14547

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.7	11.0	16.6



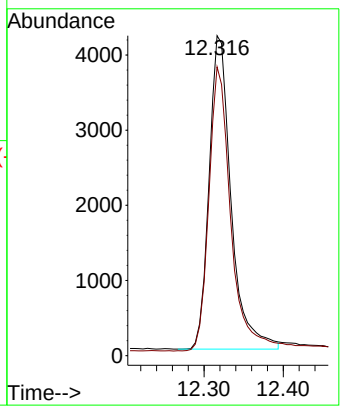


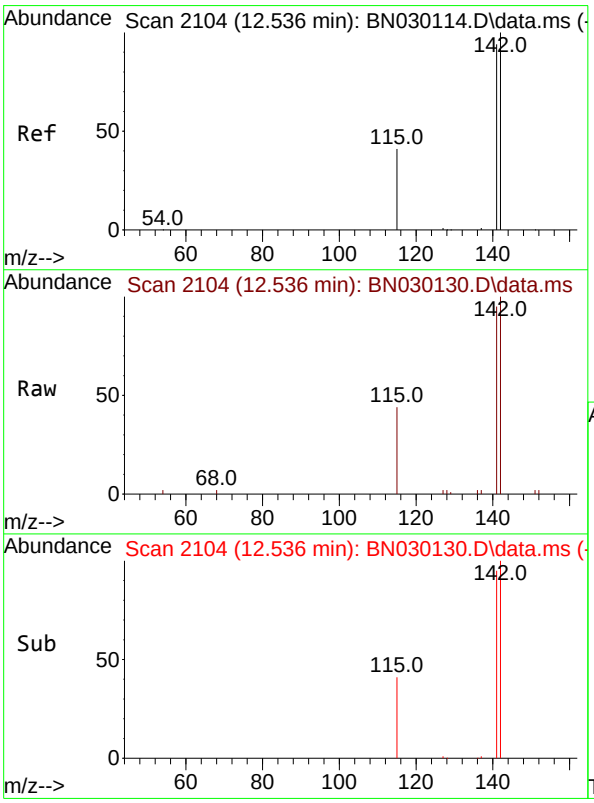
#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.316 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:142 Resp: 8051

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.5	107.3

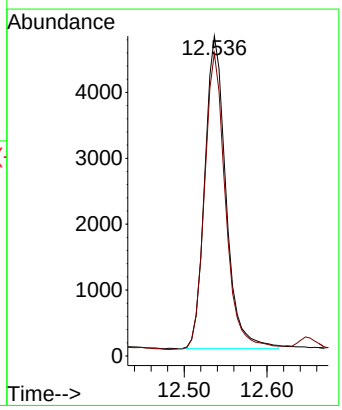


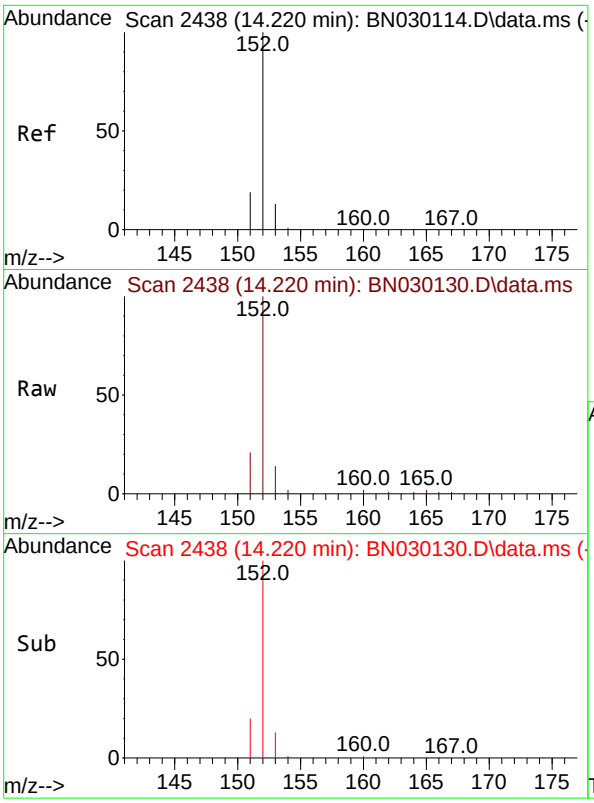


#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:142 Resp: 8389

Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.9	110.9



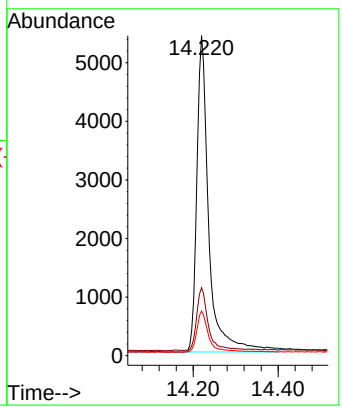


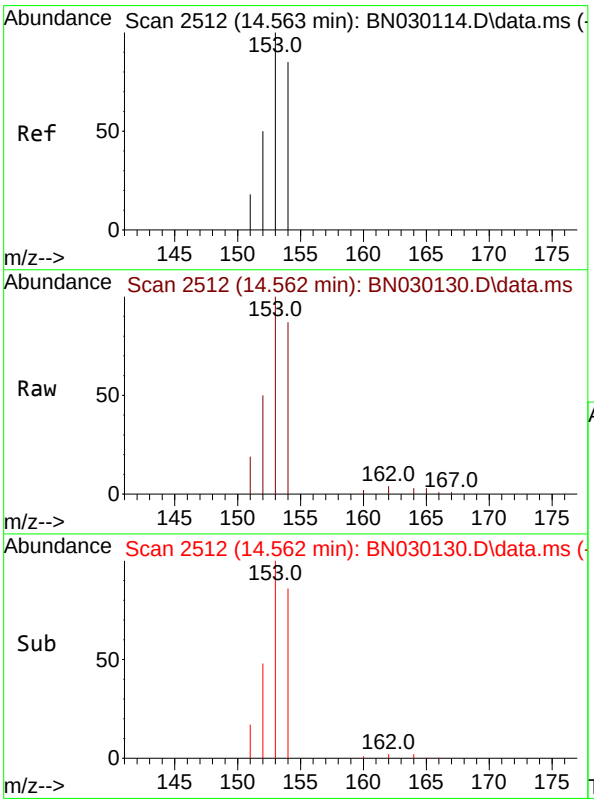
#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.220 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:152 Resp: 10594

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.8
153	13.9	10.9	16.3

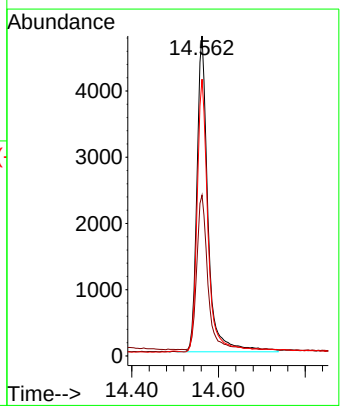


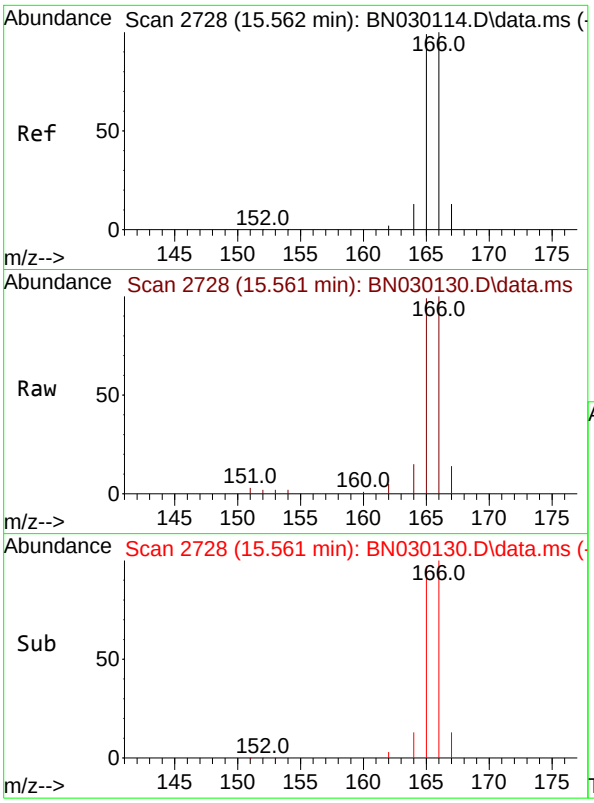


#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:153 Resp: 8457

Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.5	62.3
154	86.5	70.9	106.3



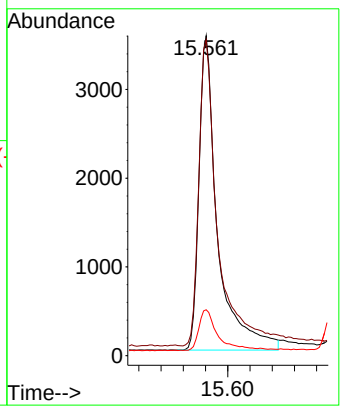


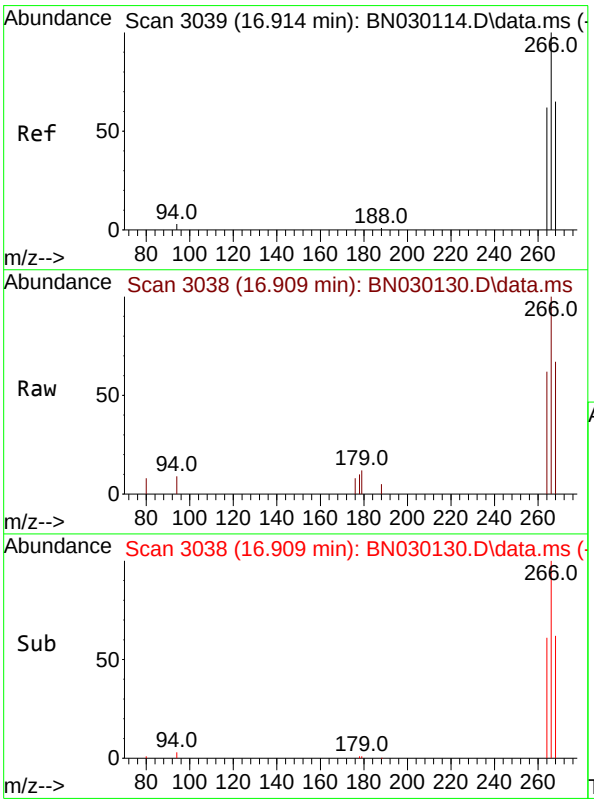
#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.561 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:166 Resp: 8255

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	14.4	11.5	17.3

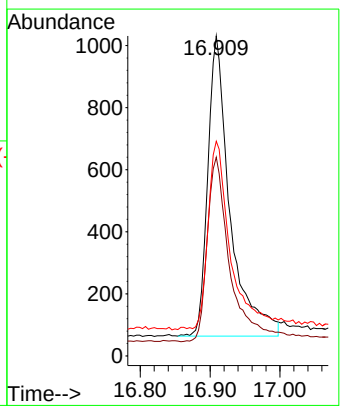


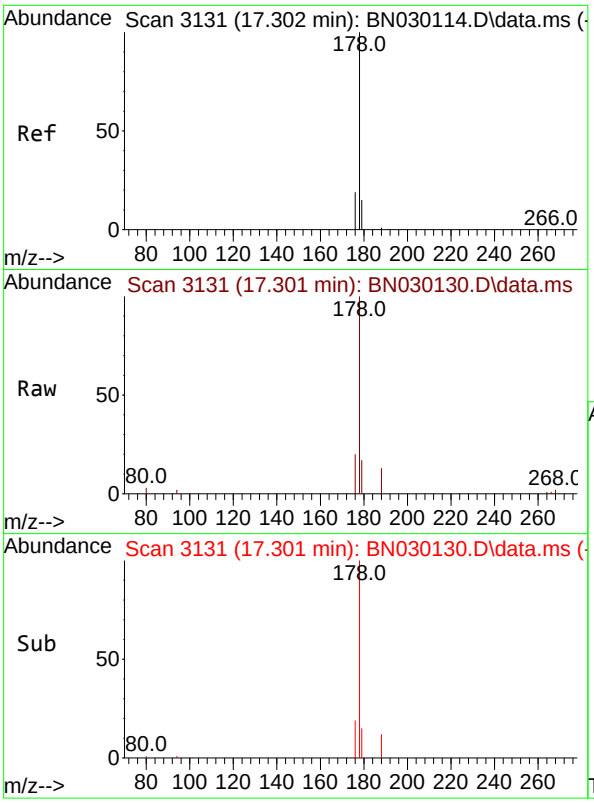


#14
Pentachlorophenol
Concen: 0.990 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. -0.008 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:266 Resp: 2131

Ion	Ratio	Lower	Upper
266	100		
264	62.1	0.0	0.0#
268	62.6	0.2	0.2#



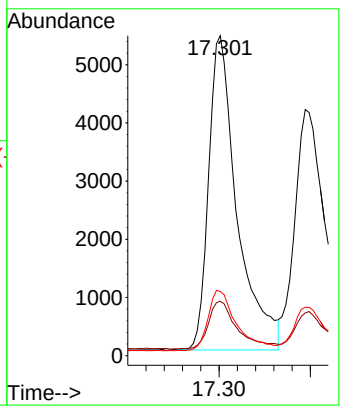


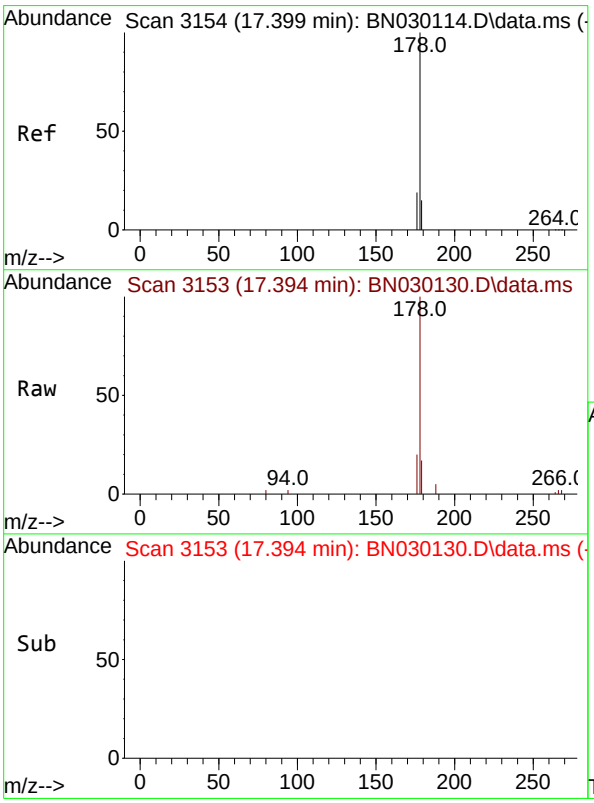
#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:178 Resp: 11694

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	20.1	15.7	23.5

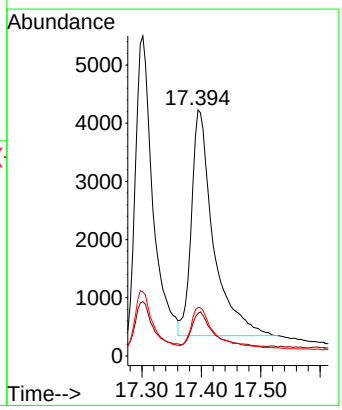


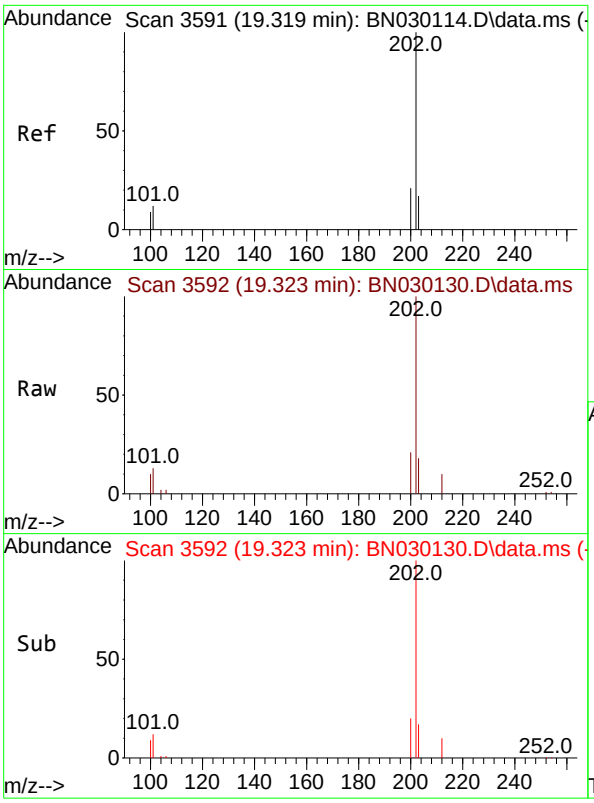


#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:178 Resp: 9975

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.9	19.3
176	19.7	15.8	23.8



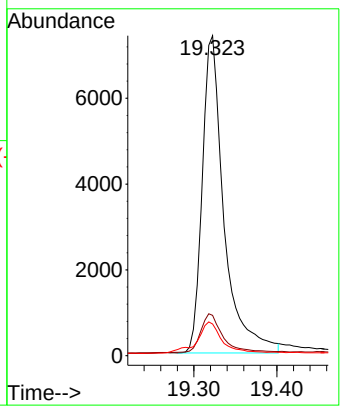


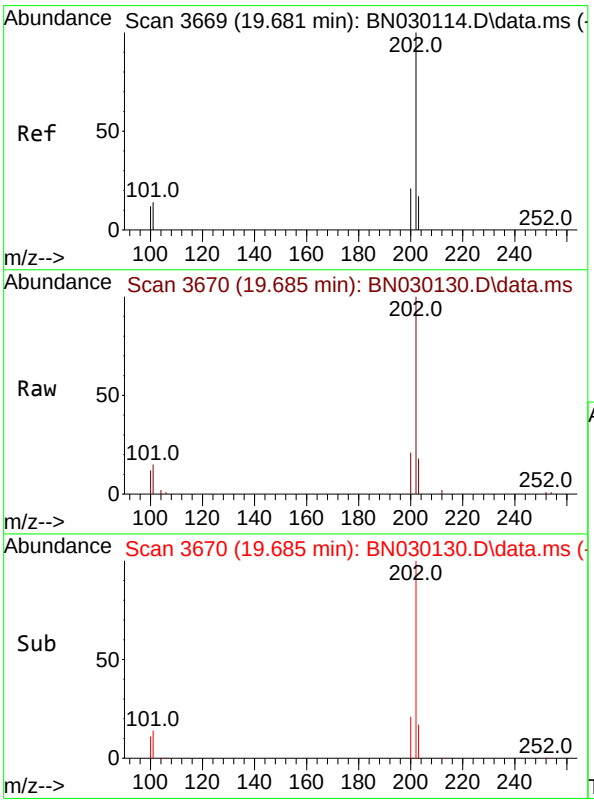
#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:202 Resp: 13485

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.4	15.6
100	9.9	8.5	12.7

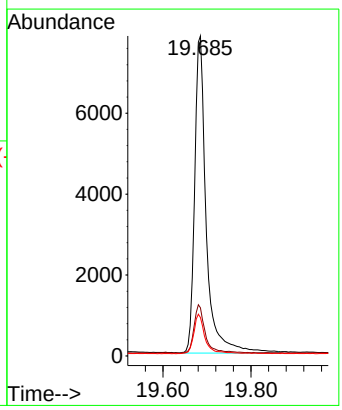


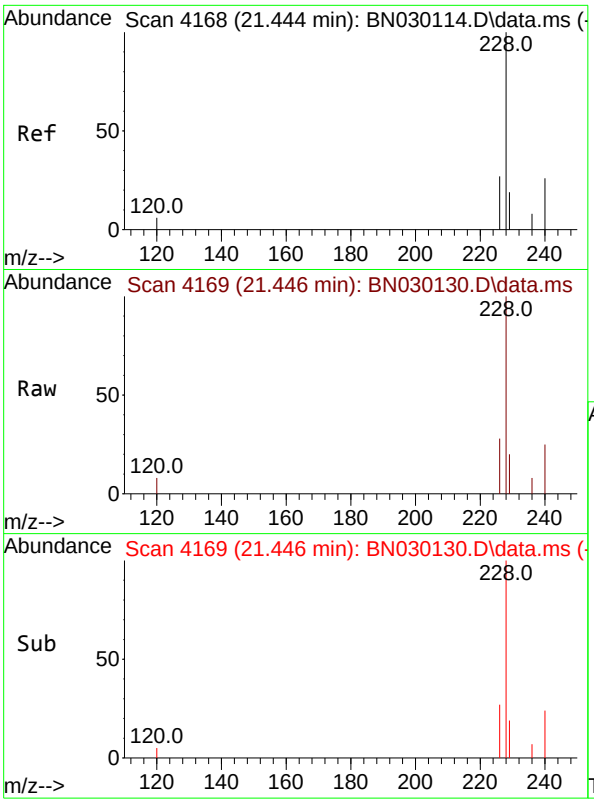


#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:202 Resp: 14376

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.5	18.7
100	12.0	10.0	15.0



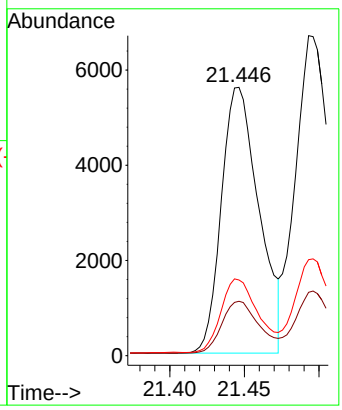


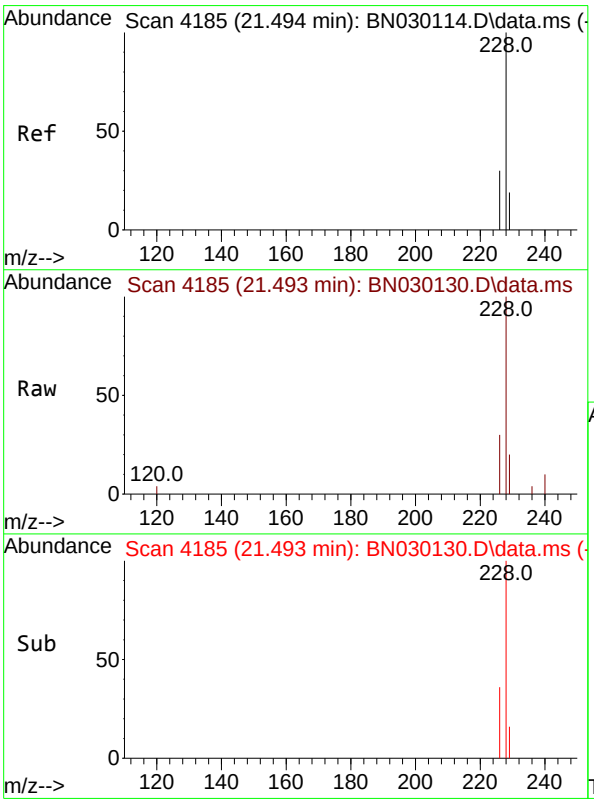
#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.446 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:228 Resp: 9811

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.2	22.2	33.4

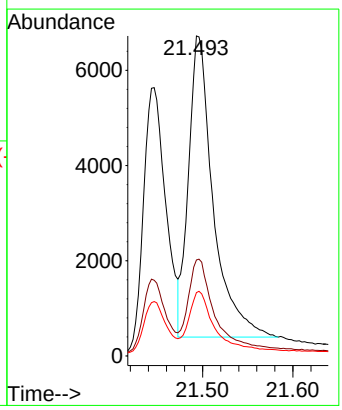


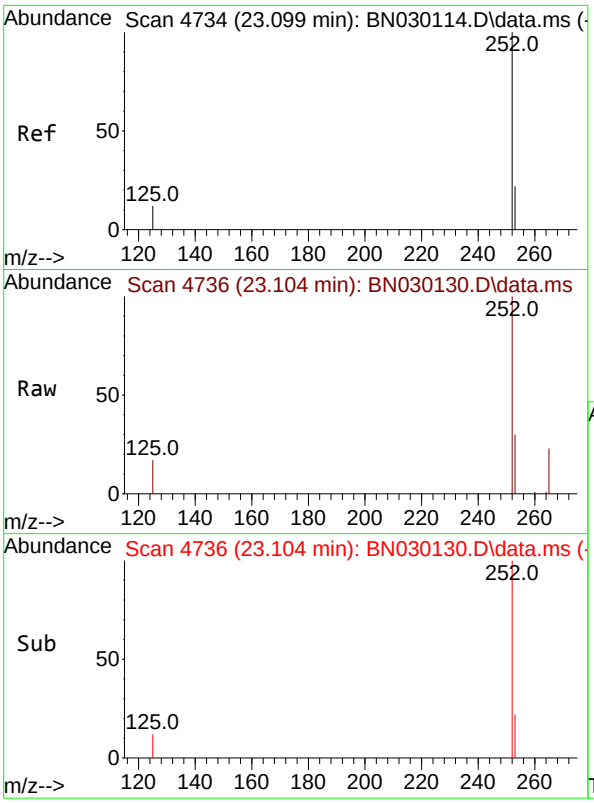


#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.493 min Scan# 4185
Delta R.T. -0.007 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:228 Resp: 12021

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.7	23.5



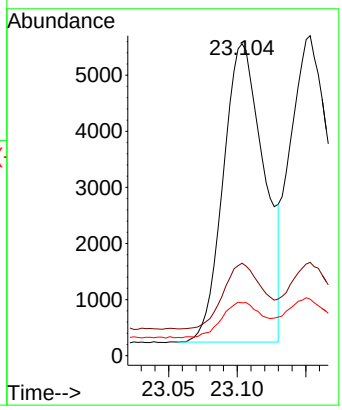


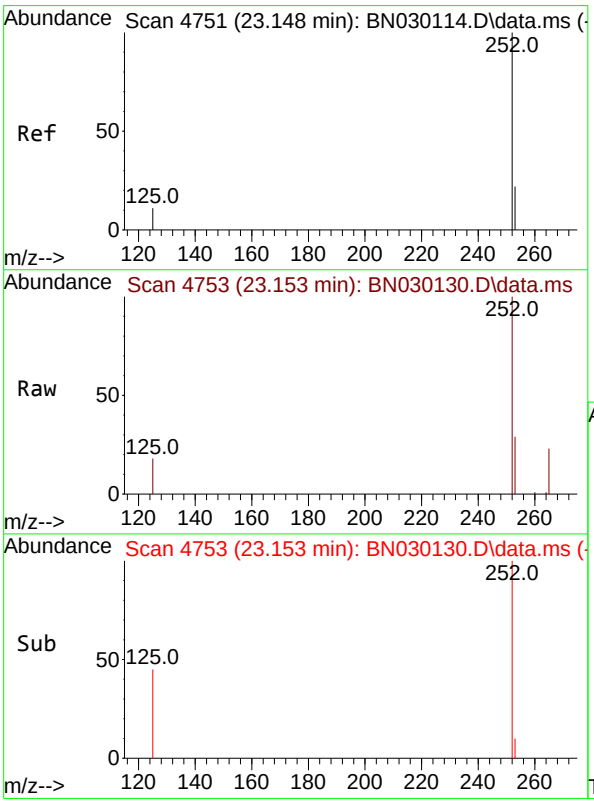
#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 23.104 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:252 Resp: 11016

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	56.8
125	16.9	0.0	32.4

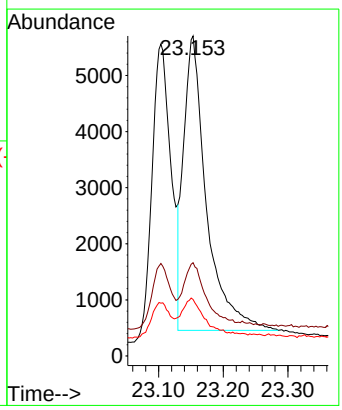


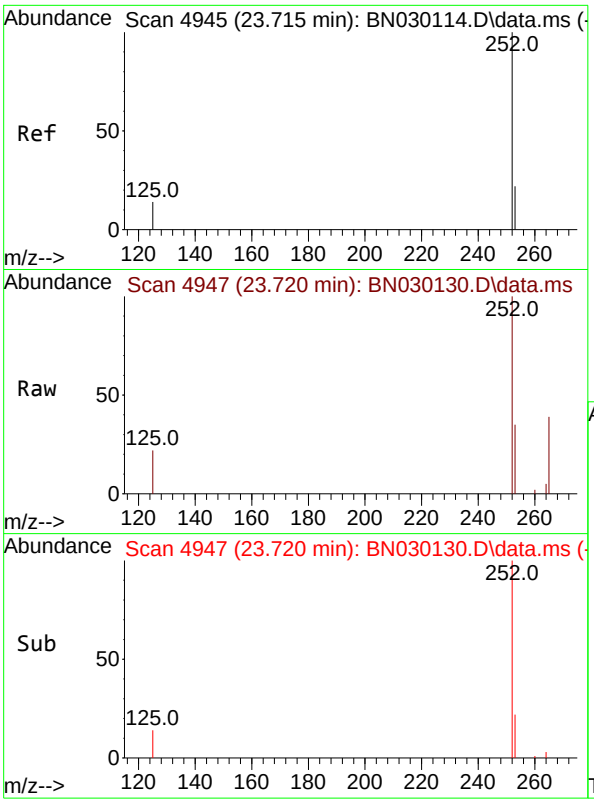


#25
Benzo(k)fluoranthene
Concen: 0.465 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. -0.002 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:252 Resp: 12874

Ion	Ratio	Lower	Upper
252	100		
253	29.2	22.6	33.8
125	17.7	15.3	22.9



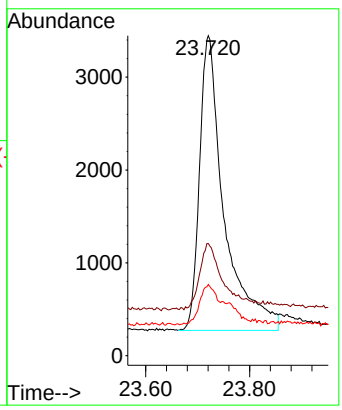


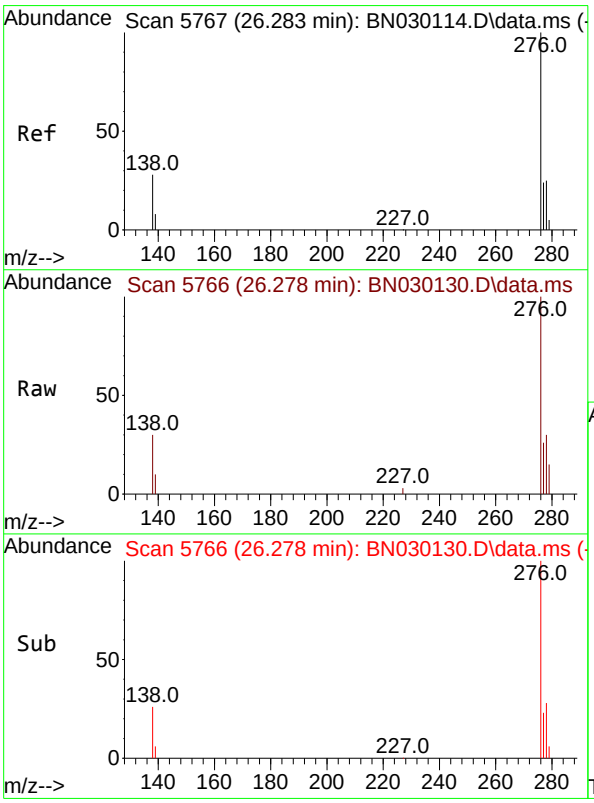
#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.720 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:252 Resp: 10380

Ion	Ratio	Lower	Upper
252	100		
253	35.0	25.4	38.0
125	22.3	16.0	24.0

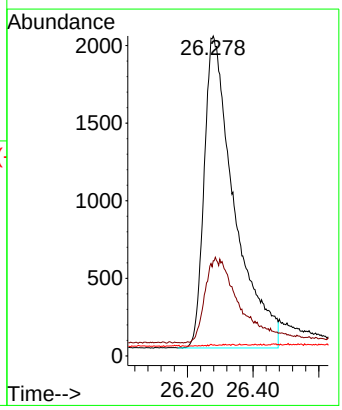


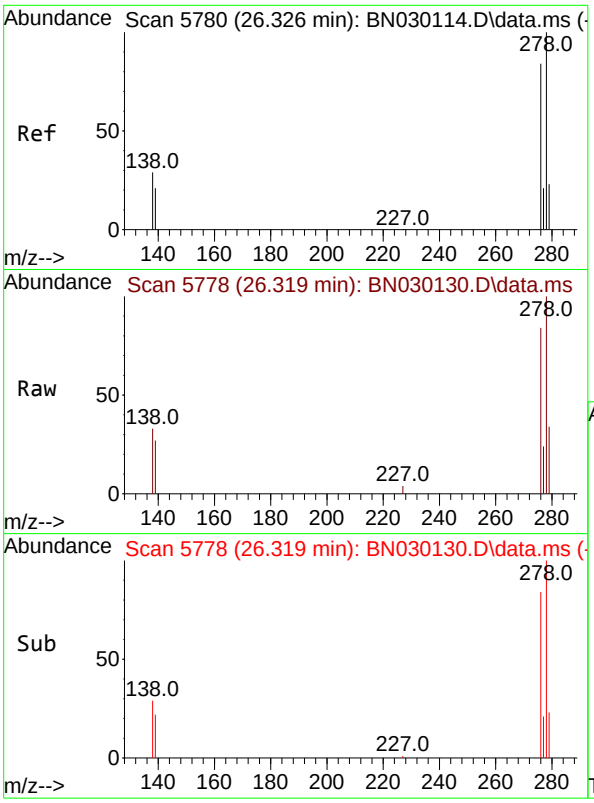


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.278 min Scan# 5766
Delta R.T. -0.015 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:276 Resp: 12787

Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	0.0#
227	0.1	0.0	0.0#



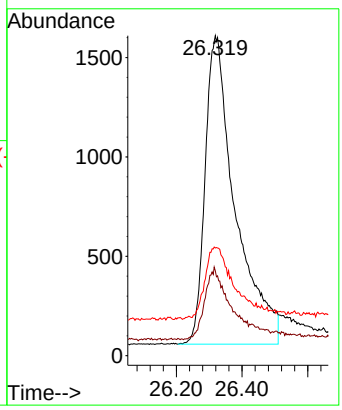


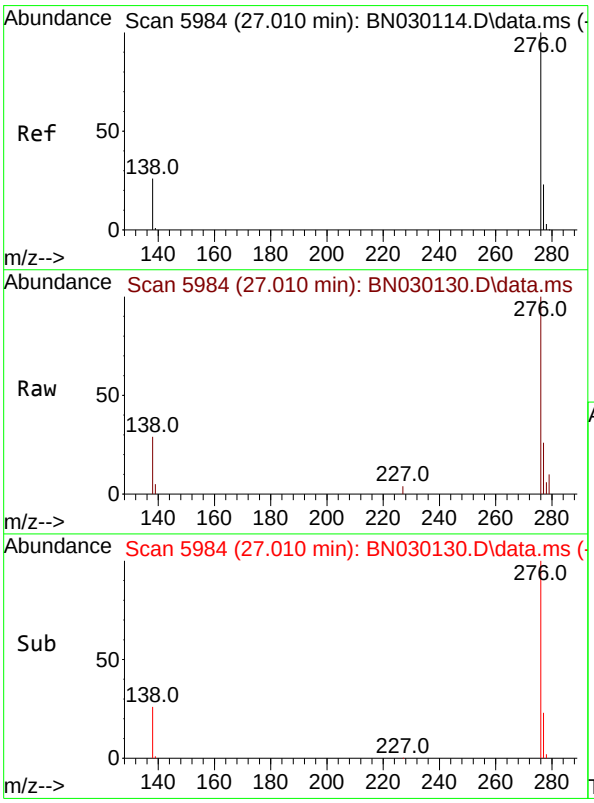
#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 26.319 min Scan# 5
Delta R.T. -0.012 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Instrument :
BNA_N
ClientSampleId :
SLCS155

Tgt Ion:278 Resp: 9901

Ion	Ratio	Lower	Upper
278	100		
139	26.5	19.0	28.4
279	33.7	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 27.010 min Scan# 5984
Delta R.T. -0.008 min
Lab File: BN030130.D
Acq: 28 Feb 2024 14:49

Tgt Ion:276 Resp: 10104

Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.6	37.0
277	26.2	19.7	29.5