Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032934.D
Acq On : 24 Jul 2024 05:45
Operator : MA/JU
Sample : PB162058BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS058

Quant Time: Jul 24 06:14:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	5860	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	22865	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.182	164	12840	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	21237	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	17760	0.400	ng/ul	# 0.00
23) Perylene-d12	23.361	264	21415	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	3747	0.533	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	9177	0.266	ng/ul	-0.03
18) Fluoranthene-d10	18.993	212	14644	0.253	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.118	88	9797	1.222	ng/ul	88
5) Naphthalene	10.347	128	15108	0.246	ng/ul	99
7) 2-Methylnaphthalene	11.975	142	9684	0.253	ng/ul	98
8) 1-Methylnaphthalene	12.195	142	9714	0.245	ng/ul	100
10) Acenaphthylene	13.905	152	15270	0.294	ng/ul	99
11) Acenaphthene	14.242	153	10326	0.241	ng/ul	98
12) Fluorene	15.246	166	10438	0.213	ng/ul	99
14) Pentachlorophenol	16.630	266	2482	0.666	ng/ul	99
15) Phenanthrene	16.993	178	13972	0.242	ng/ul	96
16) Anthracene	17.086	178	13573	0.287	ng/ul	96
19) Fluoranthene	19.021	202	17116	0.237	ng/ul#	93
20) Pyrene	19.388	202	17474	0.234	ng/ul#	92
21) Benzo(a)anthracene	21.149	228	16856	0.298	ng/ul#	84
22) Chrysene	21.201	228	17100	0.209	ng/ul#	83
24) Benzo(b)fluoranthene	22.703	252	18266	0.242	ng/ul#	41
25) Benzo(k)fluoranthene	22.747	252	18116	0.197	ng/ul#	37
26) Benzo(a)pyrene	23.270	252	17746	0.271	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.581	276	22989	0.260	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.581	278	18314	0.267	ng/ul#	52
29) Benzo(g,h,i)perylene	26.265	276	18275	0.247	ng/ul#	53

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
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BNA_N
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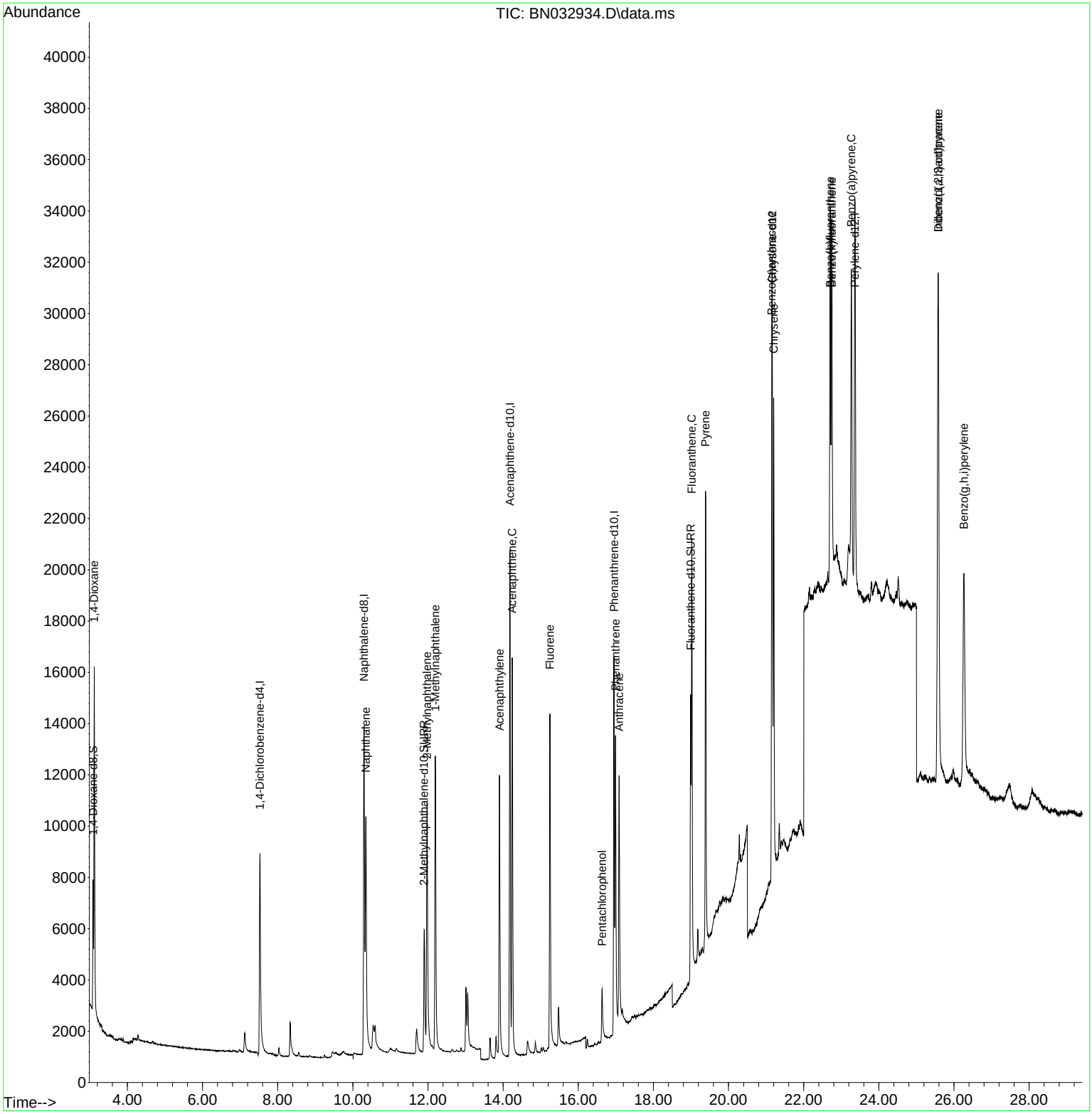
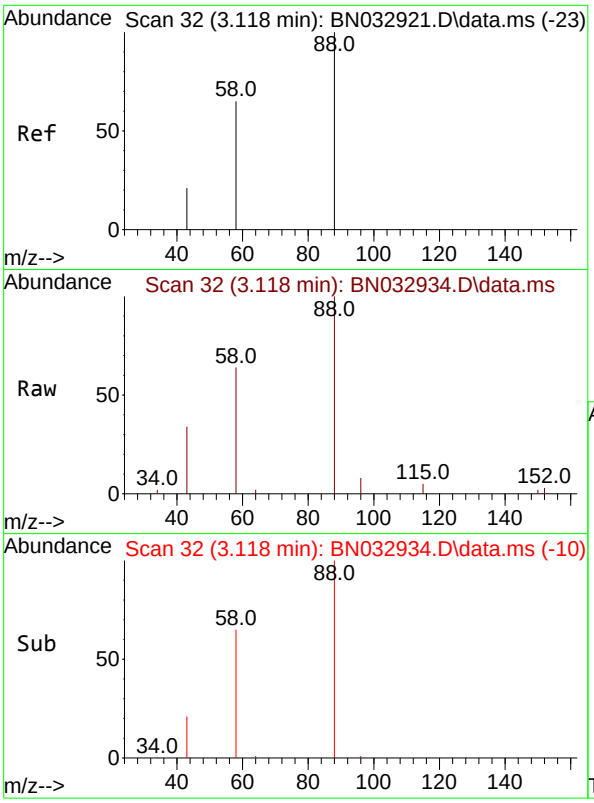
Quant Time: Jul 24 06:14:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



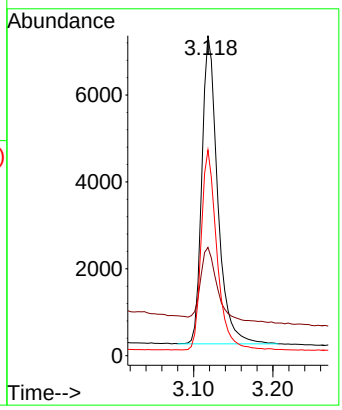


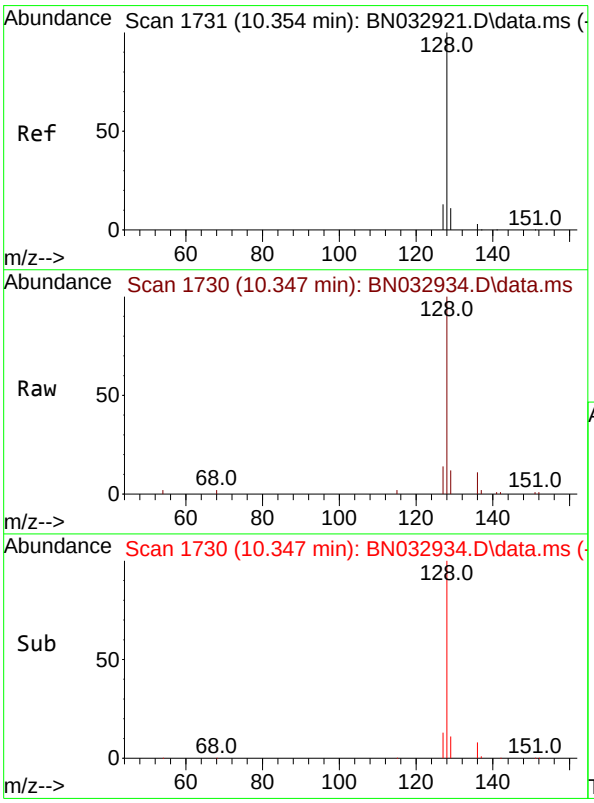
#2
1,4-Dioxane
Concen: 1.222 ng/ul
RT: 3.118 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion: 88 Resp: 9797

Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.0	36.0
58	64.3	43.3	64.9

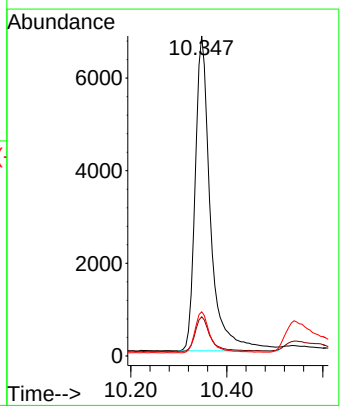


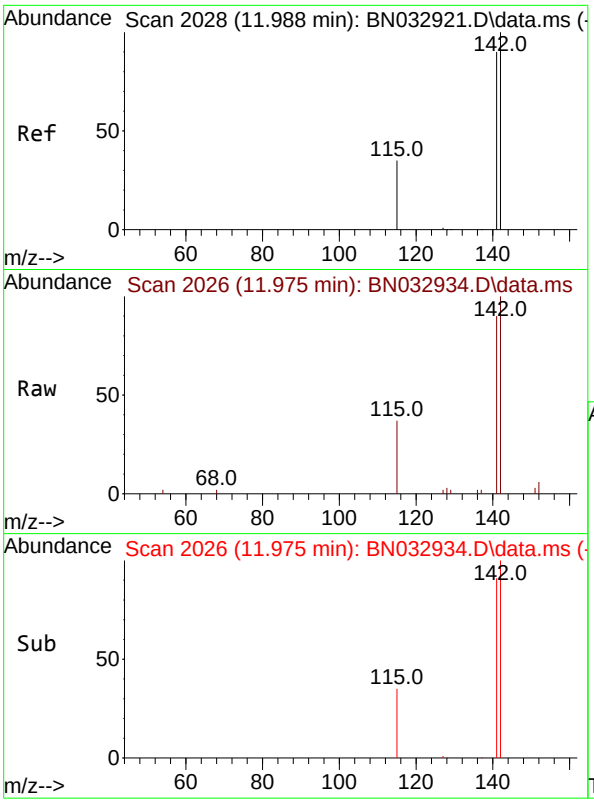


#5
Naphthalene
Concen: 0.246 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.016 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:128 Resp: 15108

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.0	15.0
127	13.8	11.6	17.4



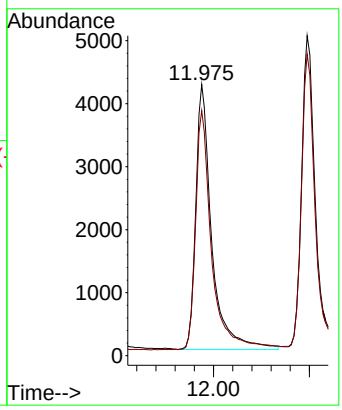


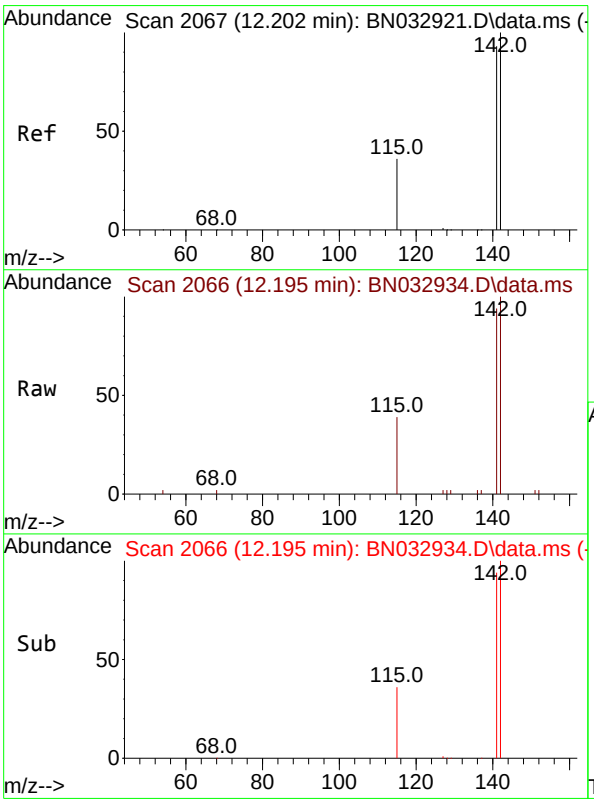
#7
2-Methylnaphthalene
Concen: 0.253 ng/ul
RT: 11.975 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:142 Resp: 9684

Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.0	111.0

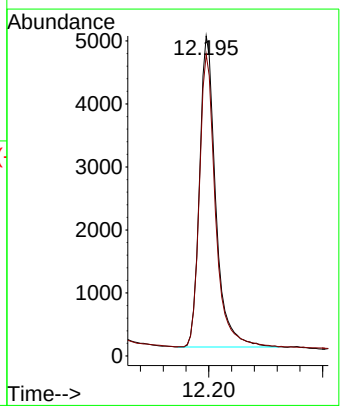


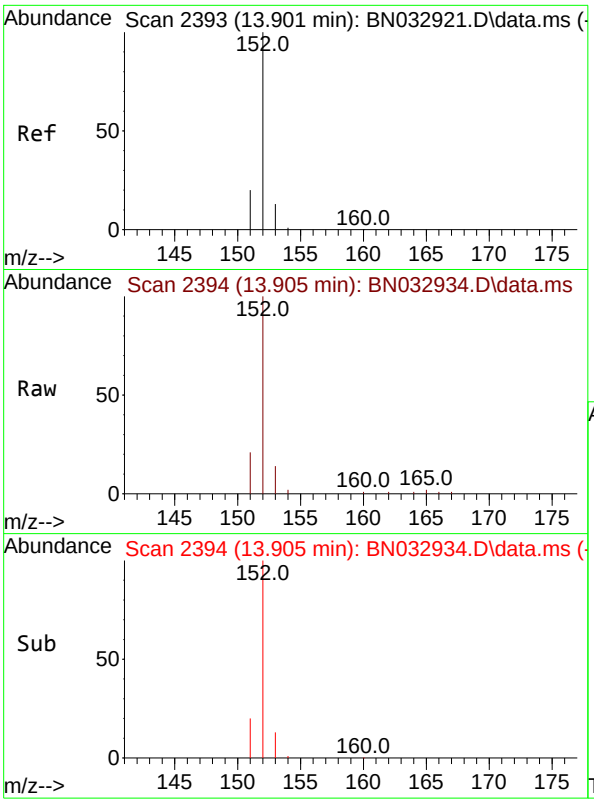


#8
1-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.016 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:142 Resp: 9714

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.0	112.4



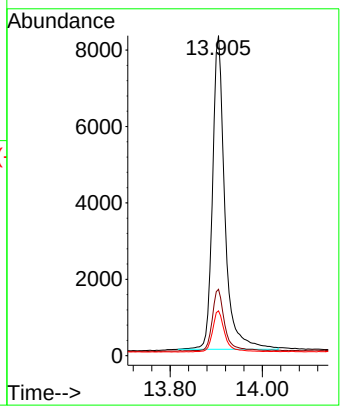


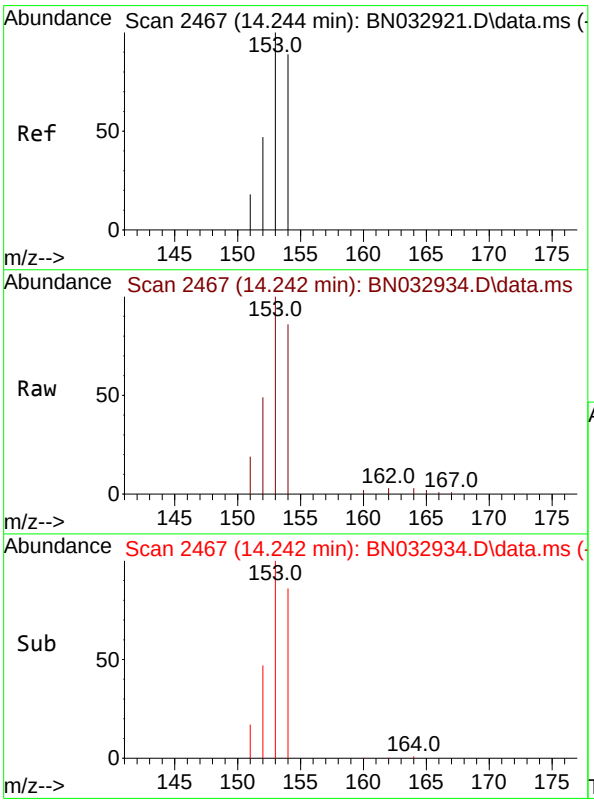
#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 13.905 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:152 Resp: 15270

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.0	11.3	16.9

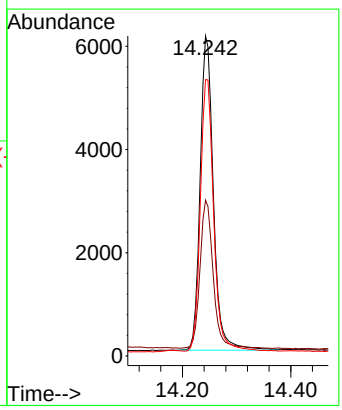


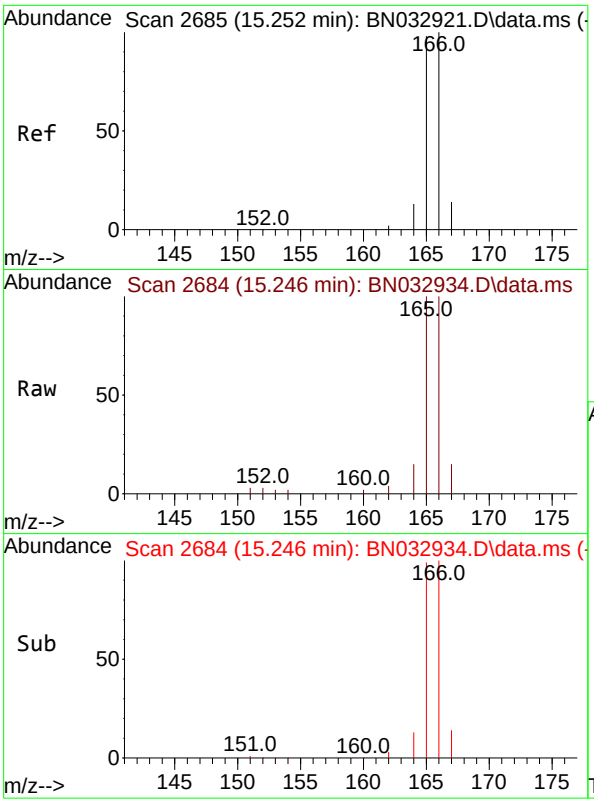


#11
Acenaphthene
Concen: 0.241 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:153 Resp: 10326

Ion	Ratio	Lower	Upper
153	100		
152	48.7	40.0	60.0
154	86.4	70.2	105.4



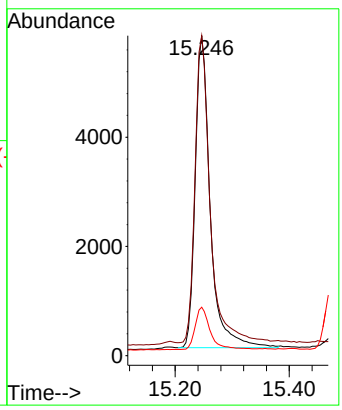


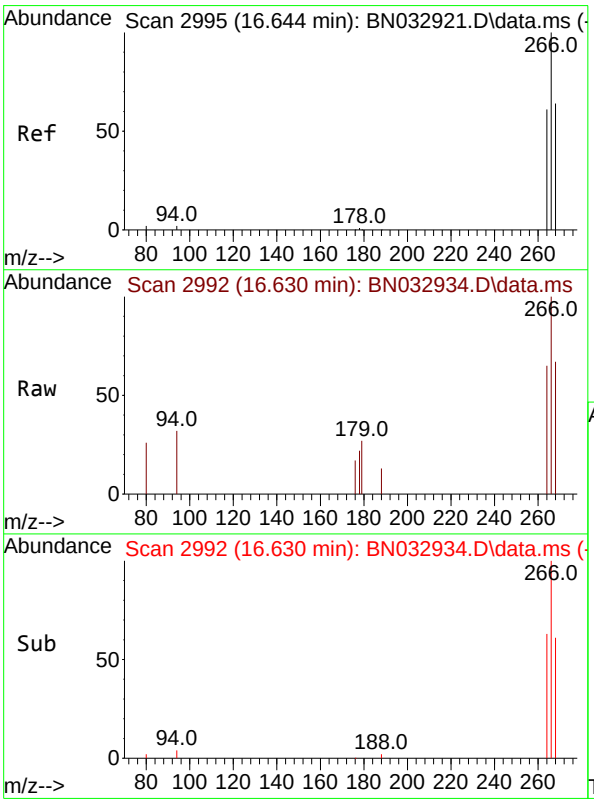
#12
Fluorene
Concen: 0.213 ng/ul
RT: 15.246 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:166 Resp: 10438

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.7	119.5
167	15.2	11.4	17.2

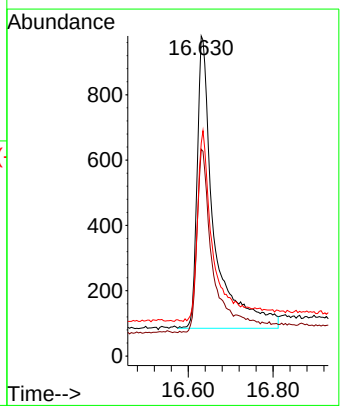


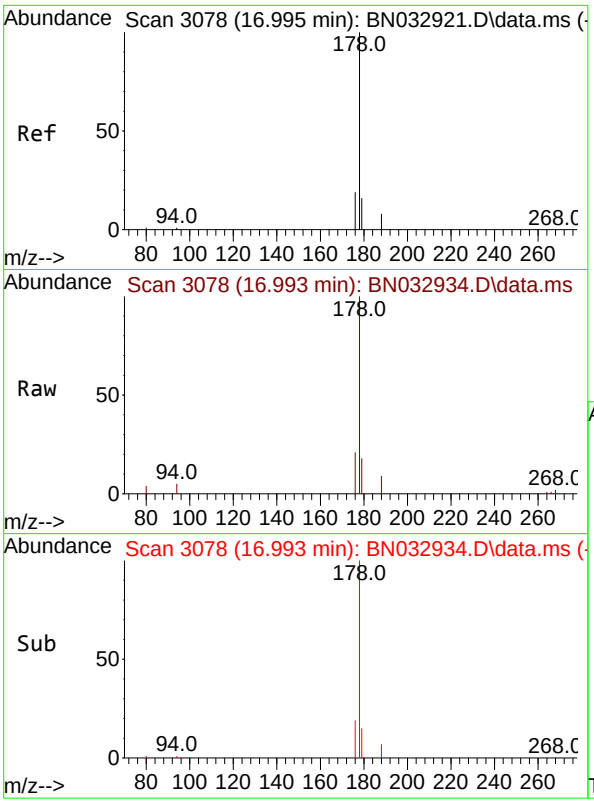


#14
Pentachlorophenol
Concen: 0.666 ng/ul
RT: 16.630 min Scan# 2992
Delta R.T. -0.013 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:266 Resp: 2482

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.4	74.2
268	65.8	51.6	77.4



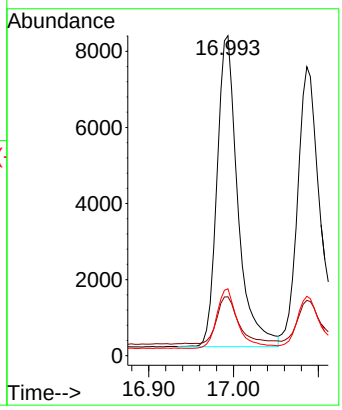


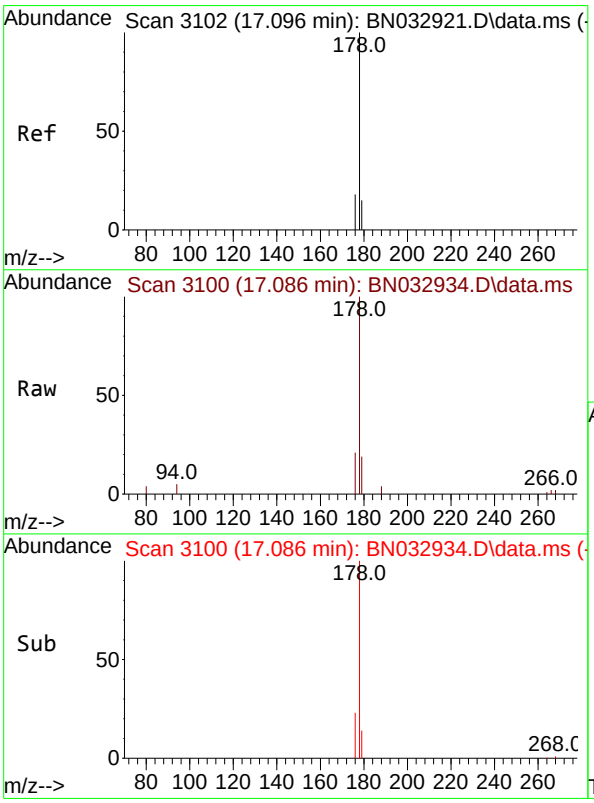
#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 16.993 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:178 Resp: 13972

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.4
176	20.9	15.6	23.4

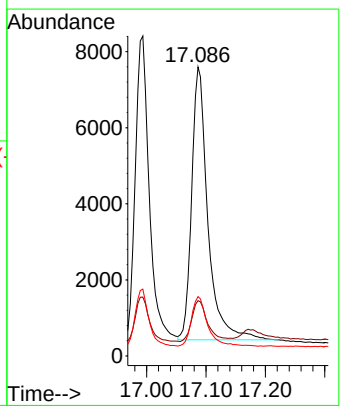


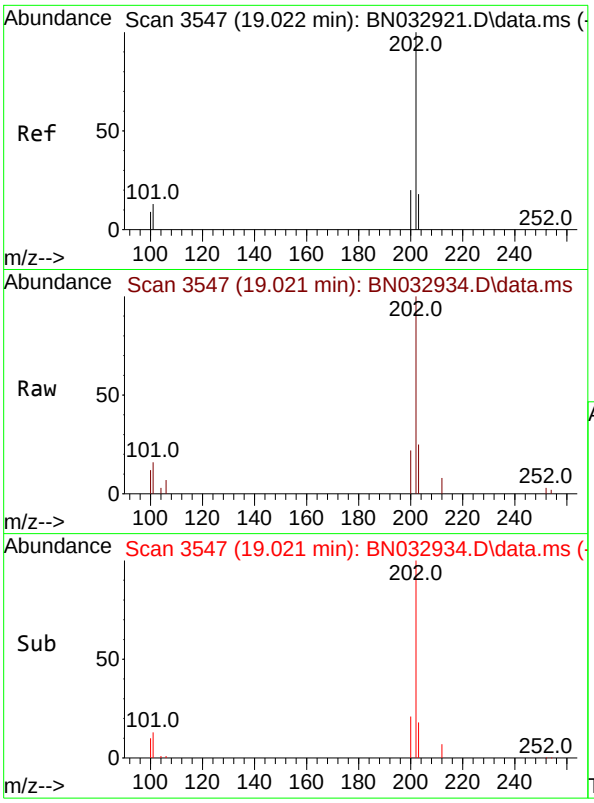


#16
Anthracene
Concen: 0.287 ng/ul
RT: 17.086 min Scan# 3100
Delta R.T. -0.012 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:178 Resp: 13573

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.4	20.2
176	20.6	15.4	23.0



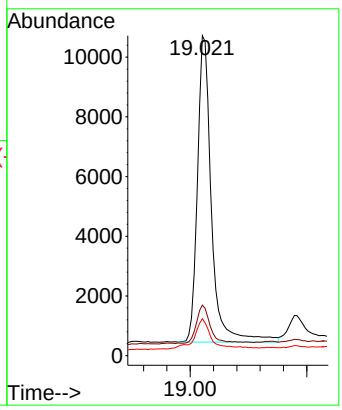


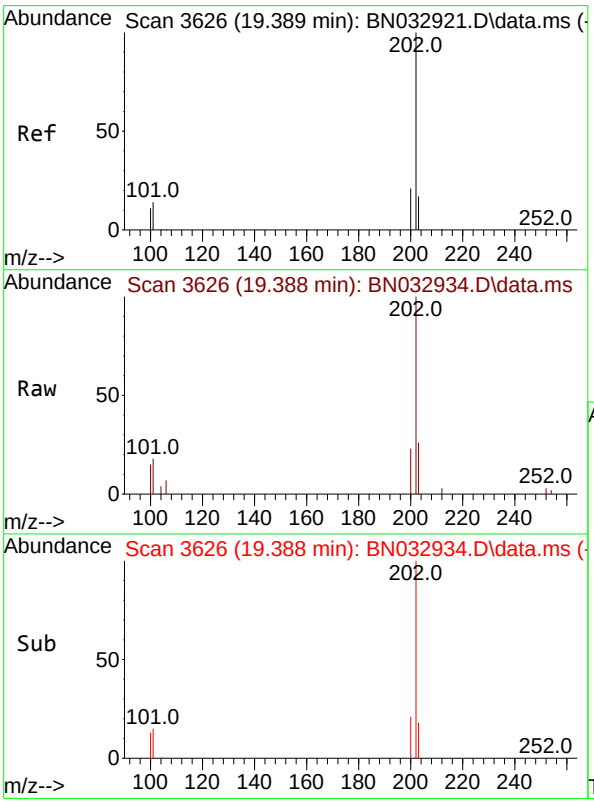
#19
Fluoranthene
Concen: 0.237 ng/ul
RT: 19.021 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:202 Resp: 17116

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.8	14.8#
100	11.5	7.9	11.9

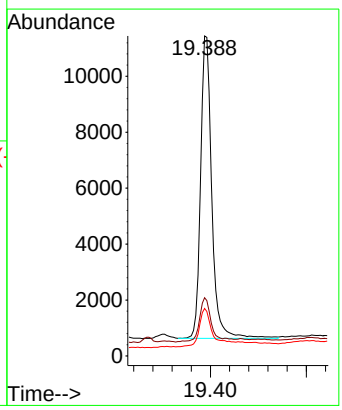


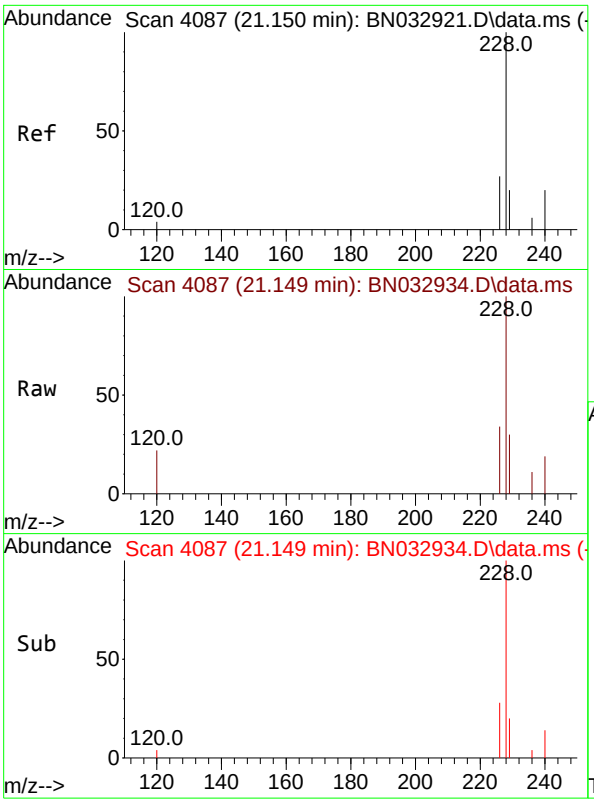


#20
Pyrene
Concen: 0.234 ng/ul
RT: 19.388 min Scan# 3626
Delta R.T. -0.004 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:202 Resp: 17474

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.8	17.6#
100	14.8	9.6	14.4#



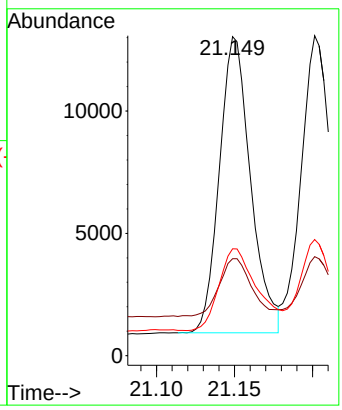


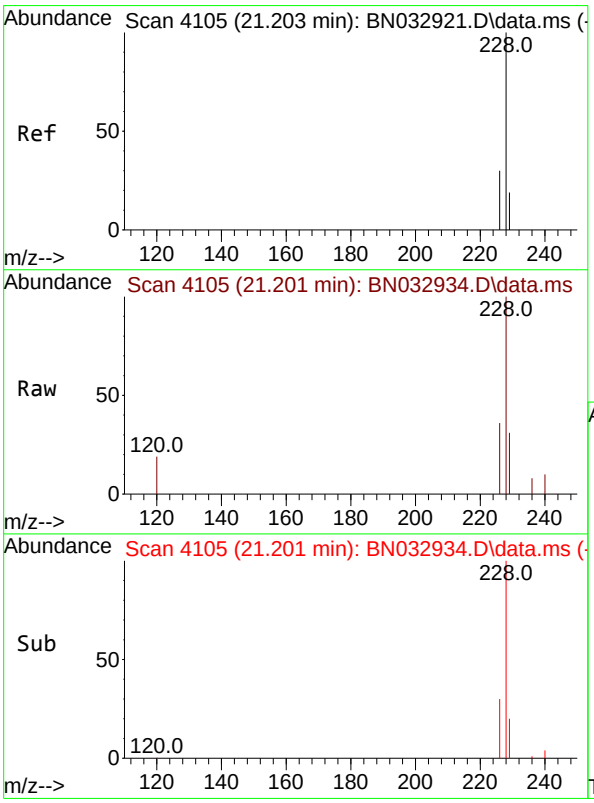
#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.149 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:228 Resp: 16856

Ion	Ratio	Lower	Upper
228	100		
229	30.4	16.1	24.1#
226	33.5	21.9	32.9#

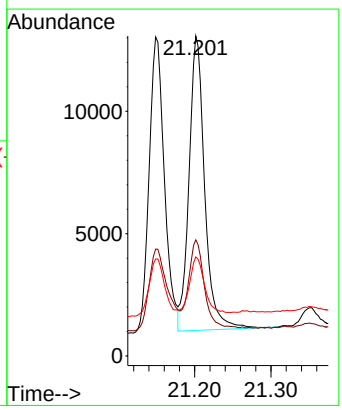


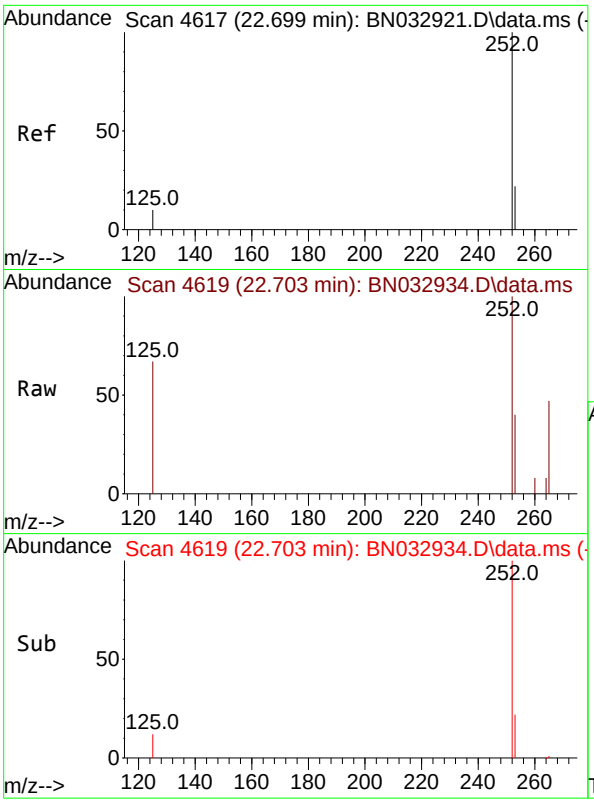


#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.201 min Scan# 4105
Delta R.T. -0.002 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:228 Resp: 17100

Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.0	36.0#
229	30.9	15.8	23.6#



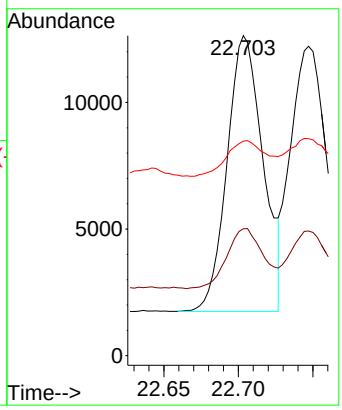


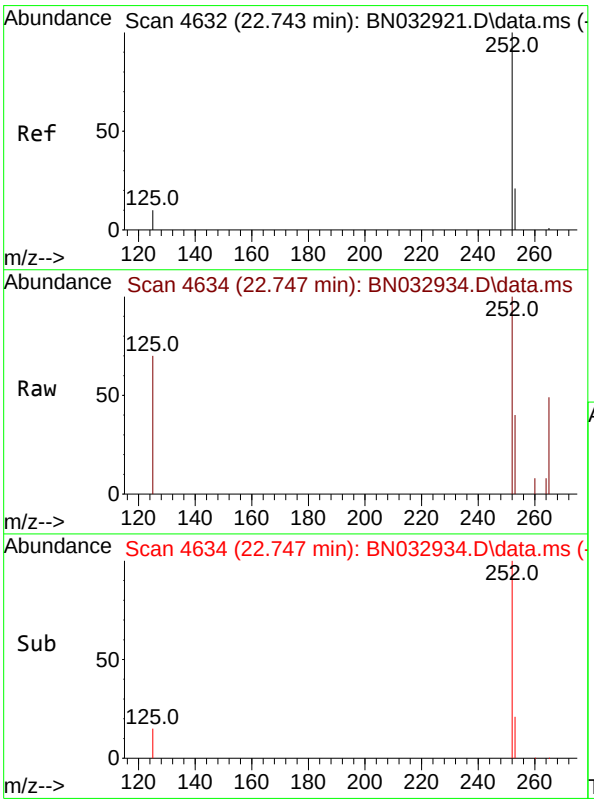
#24
Benzo(b)fluoranthene
Concen: 0.242 ng/ul
RT: 22.703 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:252 Resp: 18266

Ion	Ratio	Lower	Upper
252	100		
253	39.7	0.0	54.0
125	67.0	0.0	36.0#

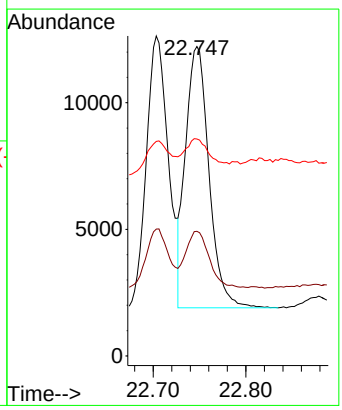


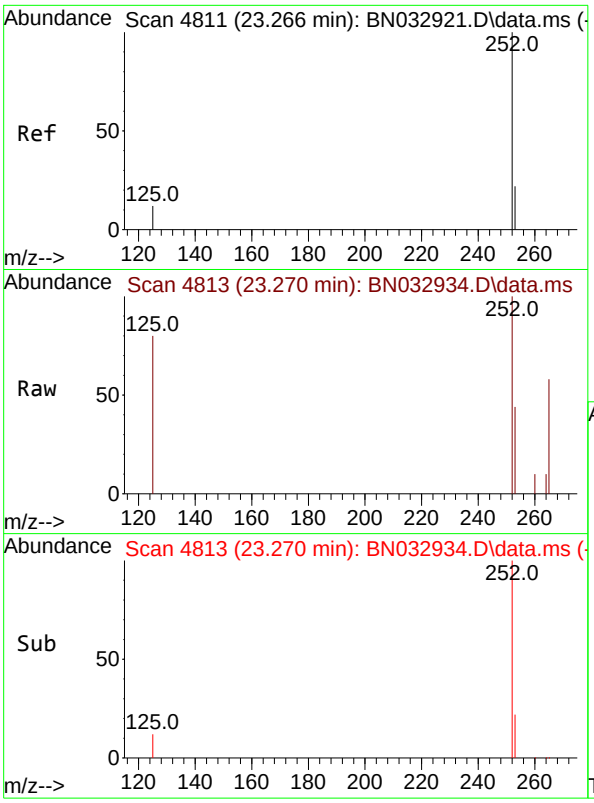


#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul
RT: 22.747 min Scan# 4634
Delta R.T. 0.007 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:252 Resp: 18116

Ion	Ratio	Lower	Upper
252	100		
253	40.3	21.2	31.8#
125	70.1	14.8	22.2#



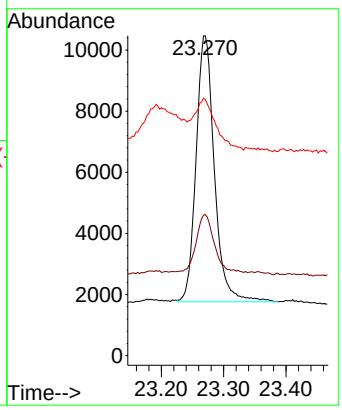


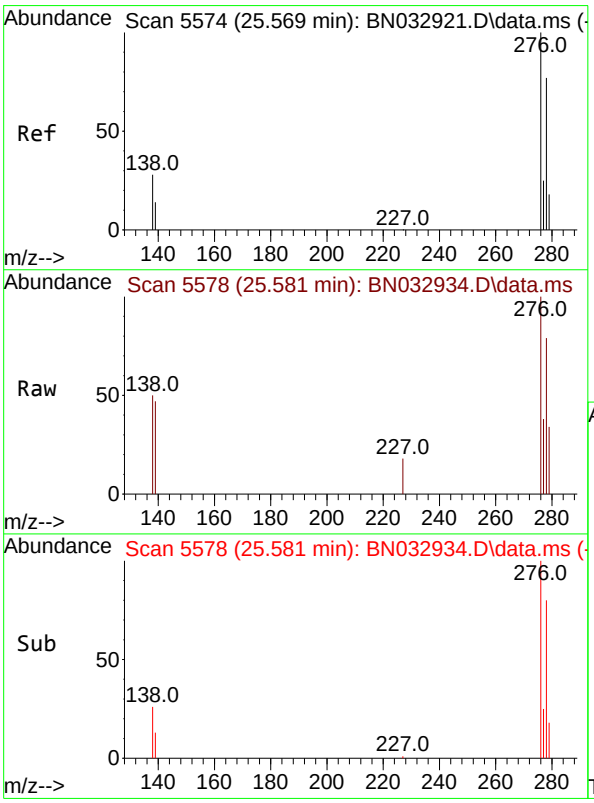
#26
Benzo(a)pyrene
Concen: 0.271 ng/ul
RT: 23.270 min Scan# 4
Delta R.T. 0.007 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:252 Resp: 17746

Ion	Ratio	Lower	Upper
252	100		
253	44.1	25.4	38.0#
125	80.0	20.6	30.8#

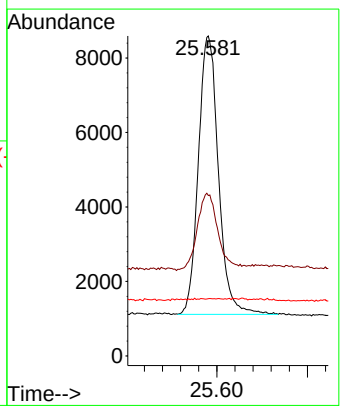


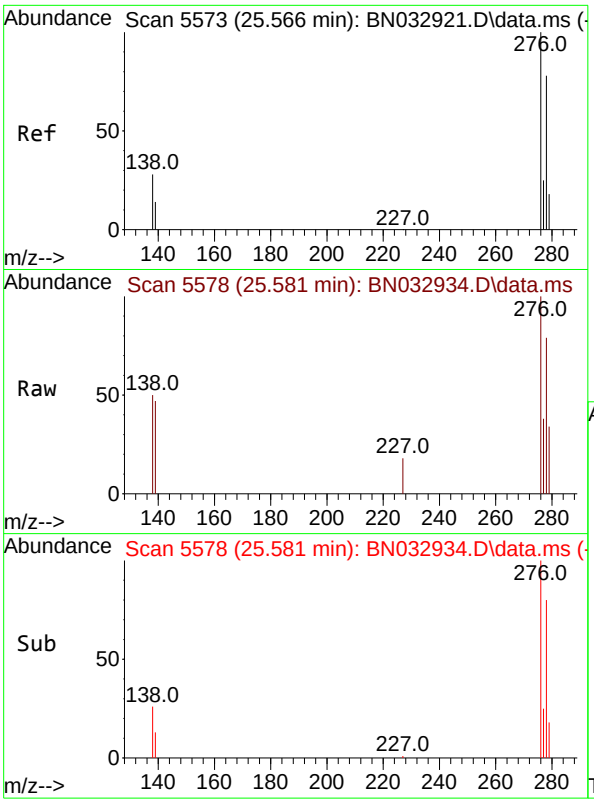


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.260 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. 0.012 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:276 Resp: 22989

Ion	Ratio	Lower	Upper
276	100		
138	31.9	21.6	32.4
227	0.1	0.0	0.0#



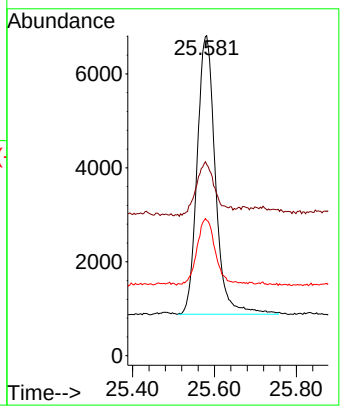


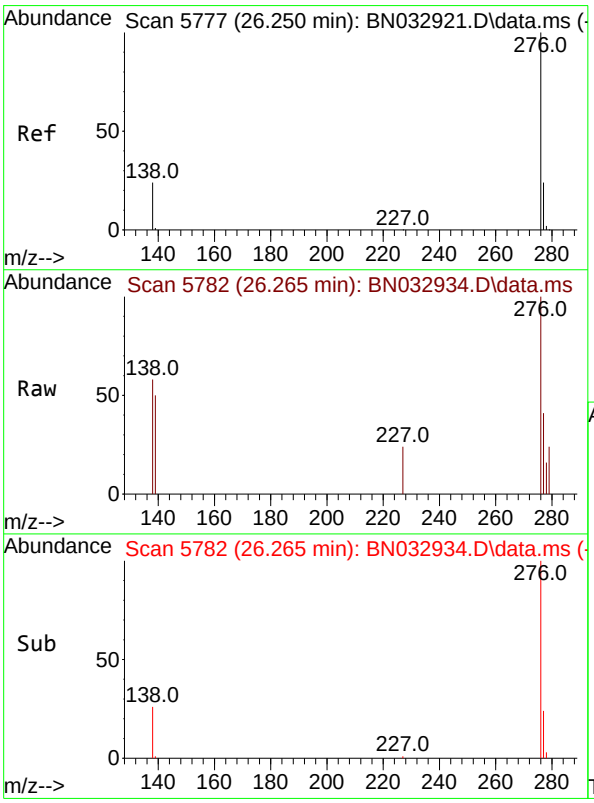
#28
Dibenzo(a,h)anthracene
Concen: 0.267 ng/ul
RT: 25.581 min Scan# 5
Delta R.T. 0.012 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:278 Resp: 18314

Ion	Ratio	Lower	Upper
278	100		
139	59.8	16.6	24.8#
279	42.3	23.7	35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 26.265 min Scan# 5782
Delta R.T. 0.015 min
Lab File: BN032934.D
Acq: 24 Jul 2024 05:45

Tgt Ion:276 Resp: 18275

Ion	Ratio	Lower	Upper
276	100		
138	58.1	21.0	31.4#
277	41.4	20.6	31.0#