Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
Data File : BN033652.D
Acq On : 28 Aug 2024 18:59
Operator : MA/JU
Sample : PB162963BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS963

Quant Time: Aug 28 23:10:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 23:48:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.536	152	5127	0.400 ng/ul	0.00
4) Naphthalene-d8	10.294	136	13766	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.174	164	6841	0.400 ng/ul	0.00
13) Phenanthrene-d10	16.927	188	14285	0.400 ng/ul	0.00
17) Chrysene-d12	21.138	240	11403	0.400 ng/ul	0.00
23) Perylene-d12	23.301	264	12379	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.143	96	4147	0.787 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	7911	0.401 ng/ul	0.00
18) Fluoranthene-d10	18.966	212	14566	0.428 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.177	88	11461	1.960 ng/ul#	79
5) Naphthalene	10.343	128	14154	0.384 ng/ul	99
7) 2-Methylnaphthalene	11.971	142	8908	0.382 ng/ul	99
8) 1-Methylnaphthalene	12.191	142	10569	0.441 ng/ul	99
10) Acenaphthylene	13.892	152	11461	0.369 ng/ul	99
11) Acenaphthene	14.239	153	9216	0.411 ng/ul	99
12) Fluorene	15.234	166	9906	0.395 ng/ul	99
14) Pentachlorophenol	16.585	266	3007	0.669 ng/ul	99
15) Phenanthrene	16.965	178	15492	0.368 ng/ul	100
16) Anthracene	17.058	178	13951	0.368 ng/ul	99
19) Fluoranthene	18.994	202	17399	0.387 ng/ul	99
20) Pyrene	19.361	202	18217	0.381 ng/ul	99
21) Benzo(a)anthracene	21.121	228	16891	0.376 ng/ul	99
22) Chrysene	21.174	228	17478	0.385 ng/ul	99
24) Benzo(b)fluoranthene	22.658	252	17709	0.369 ng/ul	100
25) Benzo(k)fluoranthene	22.702	252	18400	0.383 ng/ul	100
26) Benzo(a)pyrene	23.208	252	16011	0.415 ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.448	276	21759	0.375 ng/ul#	99
28) Dibenzo(a,h)anthracene	25.465	278	16977	0.377 ng/ul	99
29) Benzo(g,h,i)perylene	26.102	276	17275	0.381 ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
Data File : BN033652.D
Acq On : 28 Aug 2024 18:59
Operator : MA/JU
Sample : PB162963BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Aug 28 23:10:19 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 23:48:09 2024
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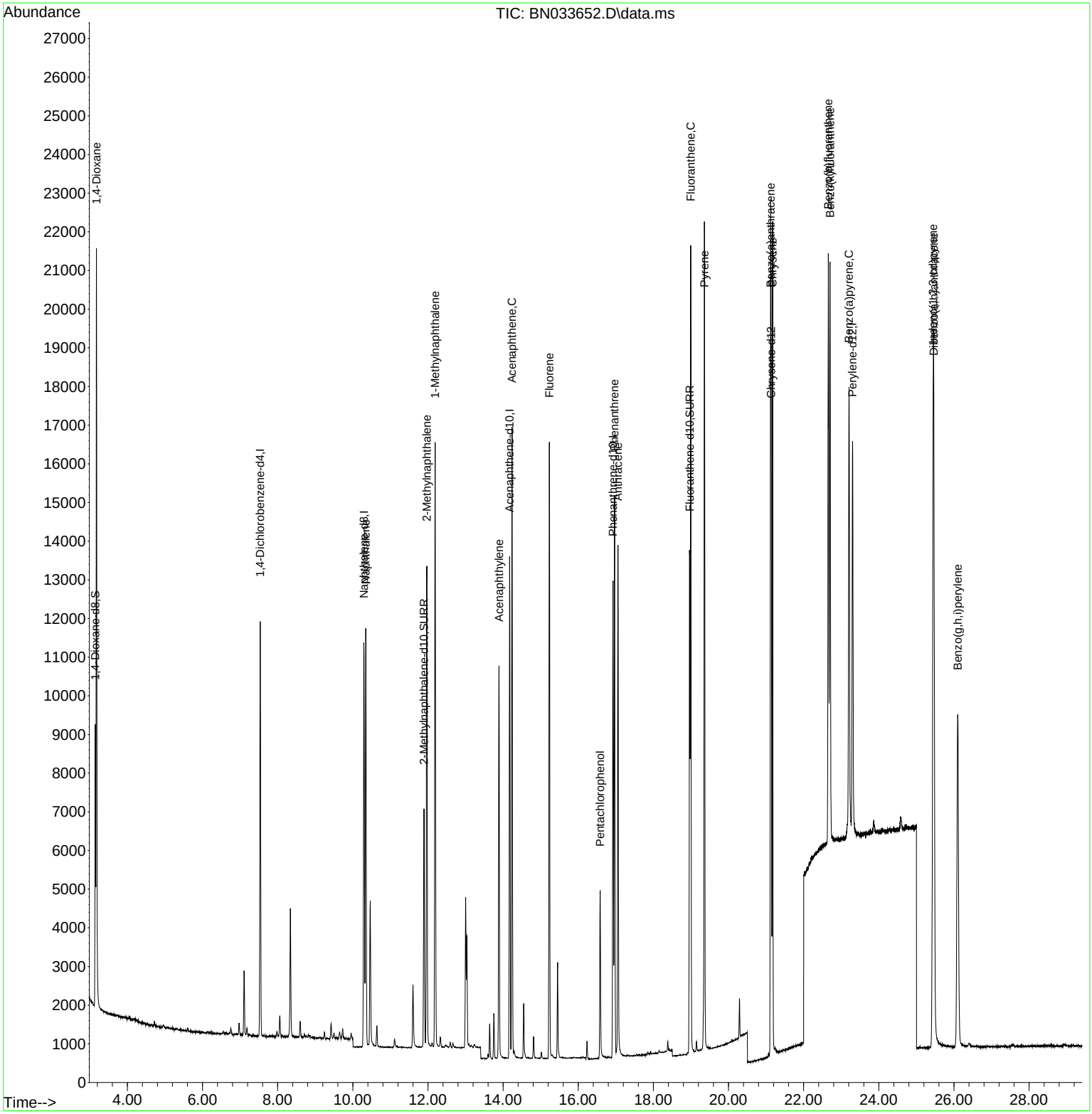
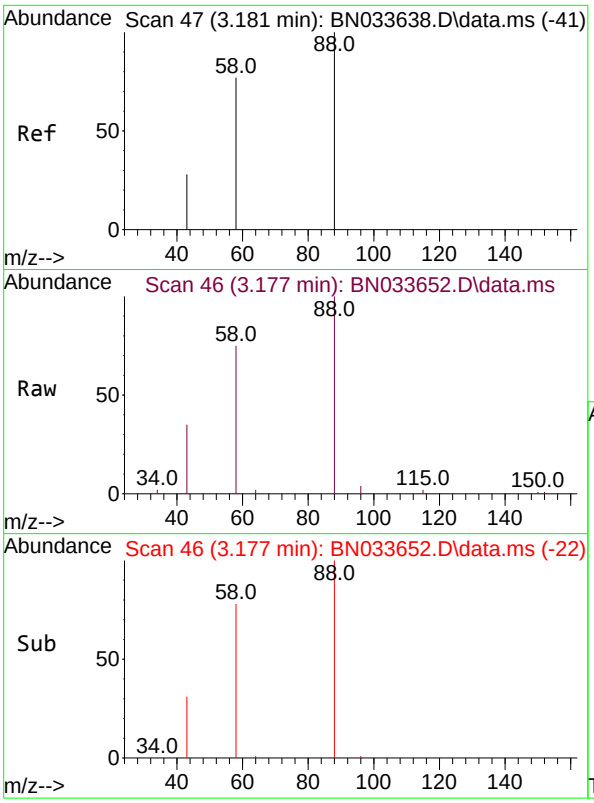


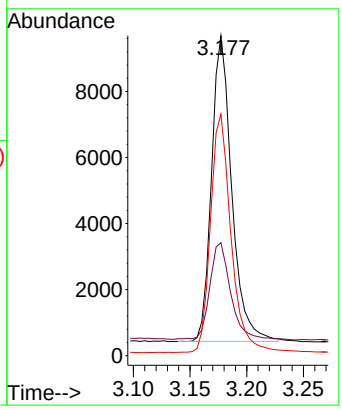


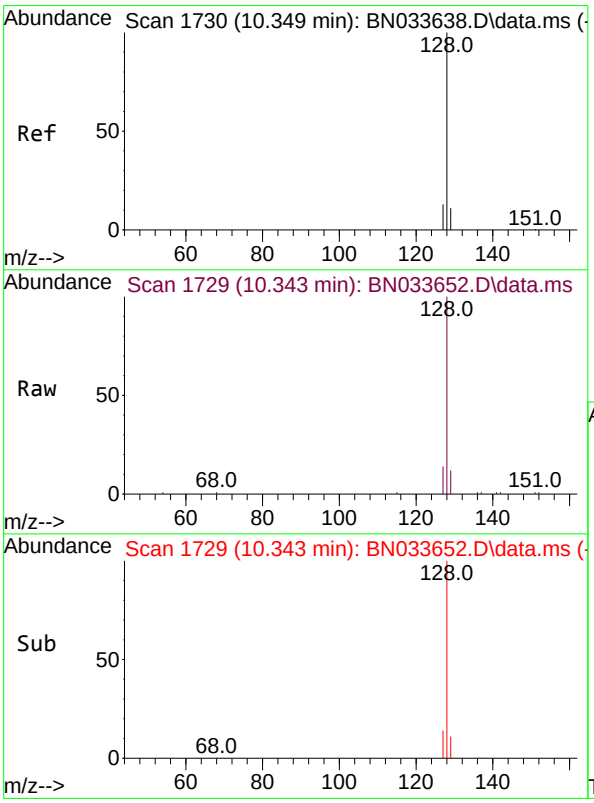
#2
1,4-Dioxane
Concen: 1.960 ng/ul
RT: 3.177 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion: 88 Resp: 11461

Ion	Ratio	Lower	Upper
88	100		
43	35.3	47.0	70.4#
58	75.4	53.0	79.4

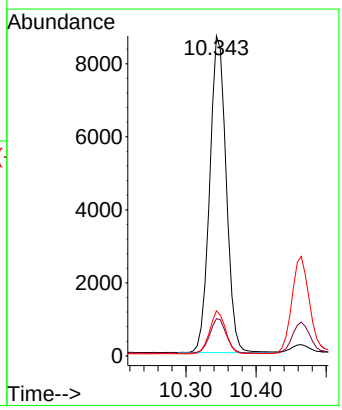


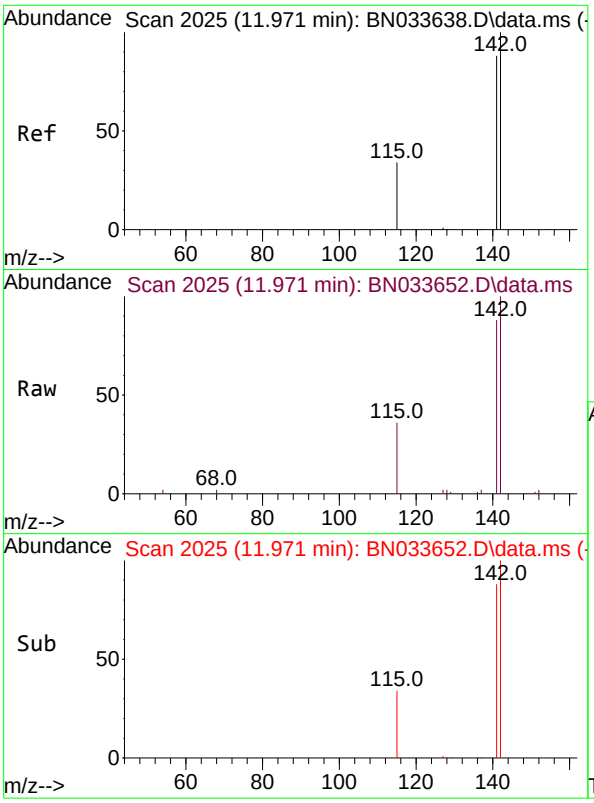


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.004 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:128 Resp: 14154

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	14.1	10.8	16.2



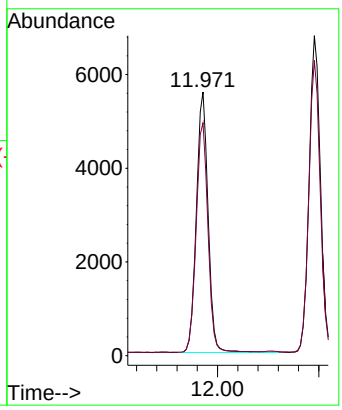


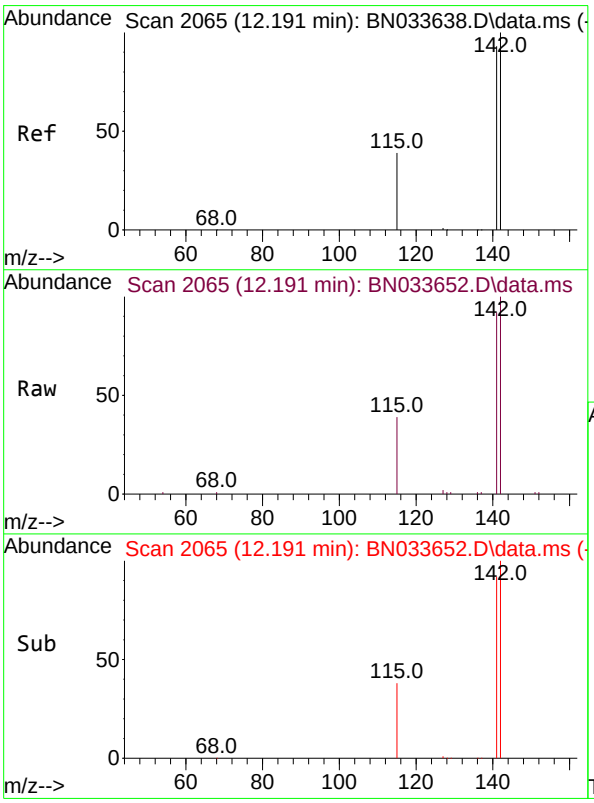
#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 11.971 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:142 Resp: 8908

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.1	106.7

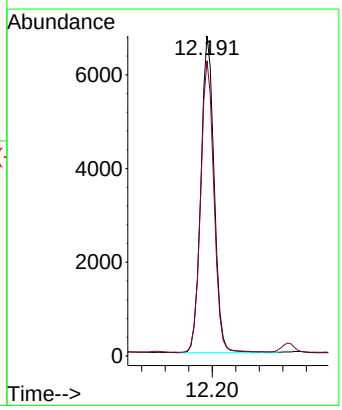


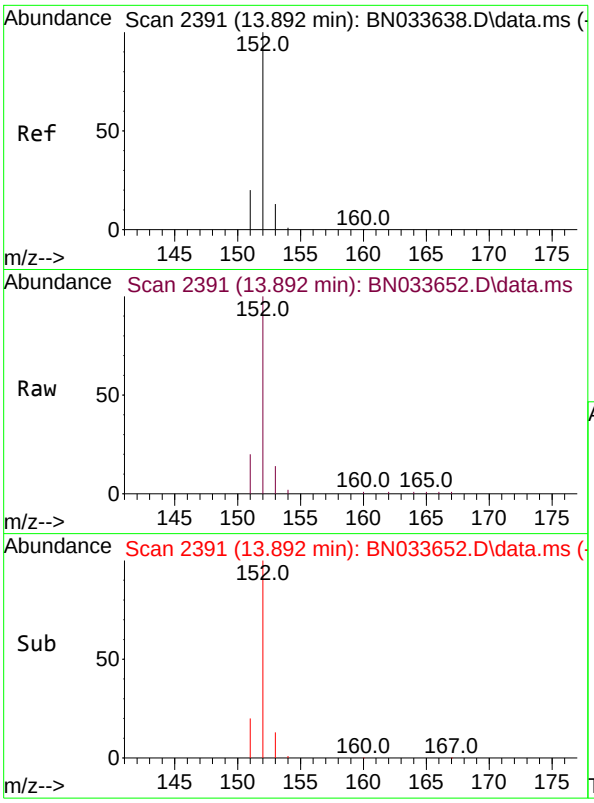


#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:142 Resp: 10569

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.6	110.4



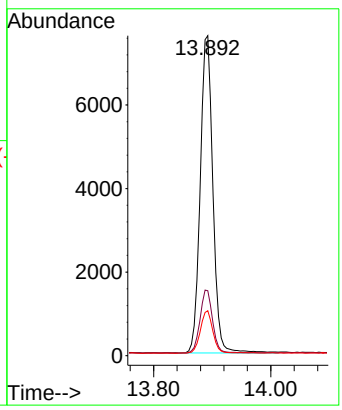


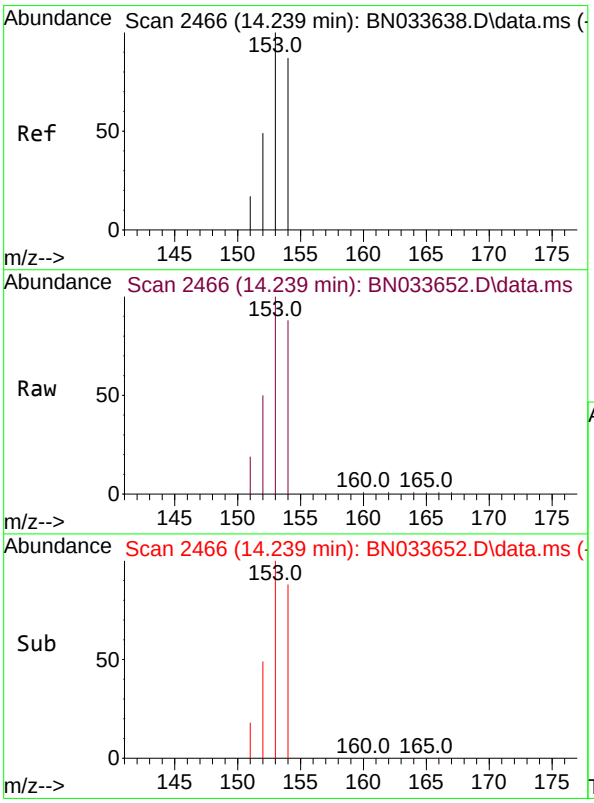
#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 13.892 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:152 Resp: 11461

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	14.1	10.8	16.2

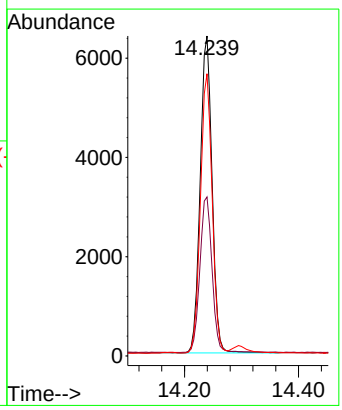


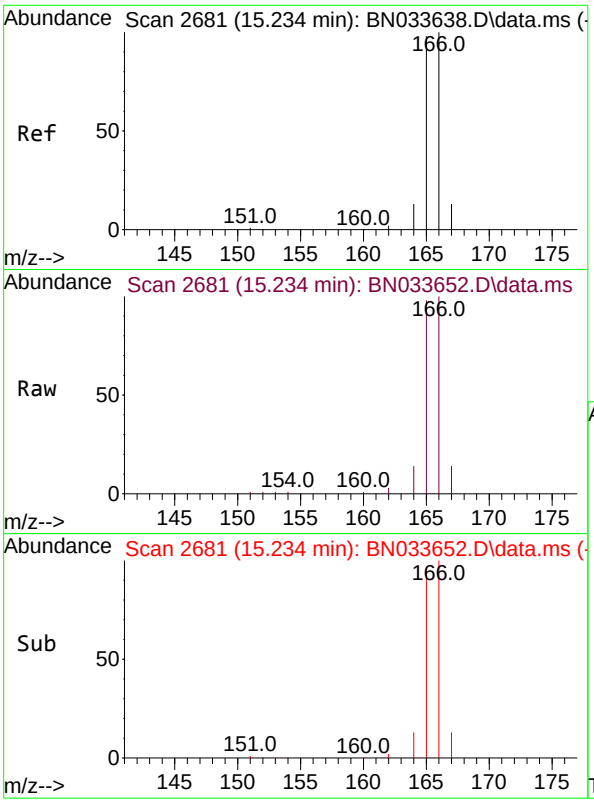


#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:153 Resp: 9216

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.8	59.8
154	88.2	69.0	103.6



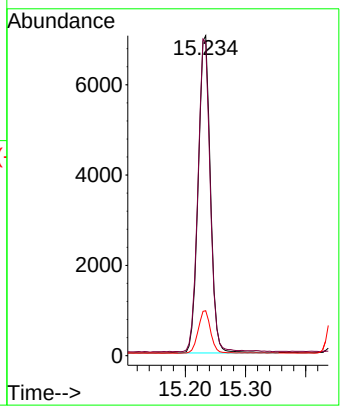


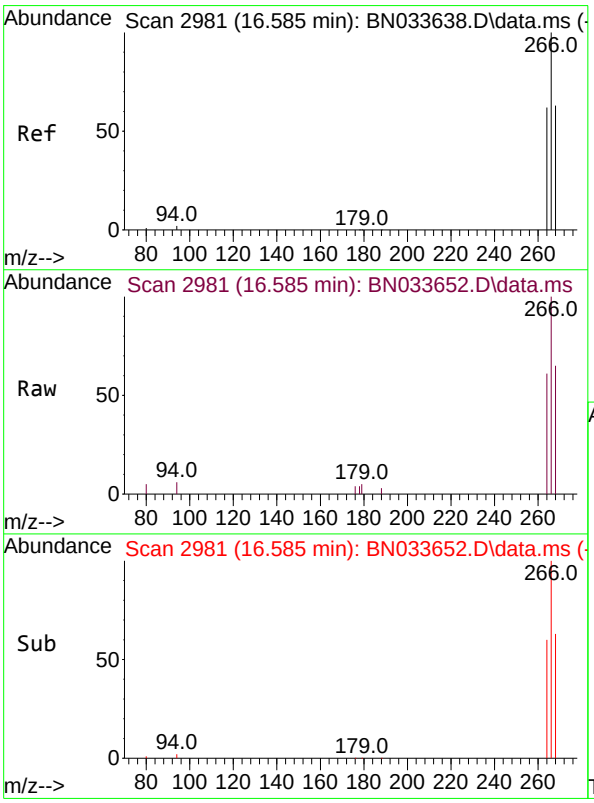
#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.234 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:166 Resp: 9906

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	14.1	11.4	17.0

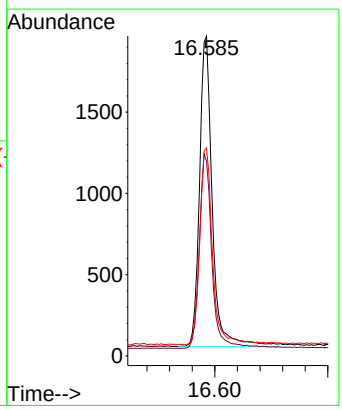


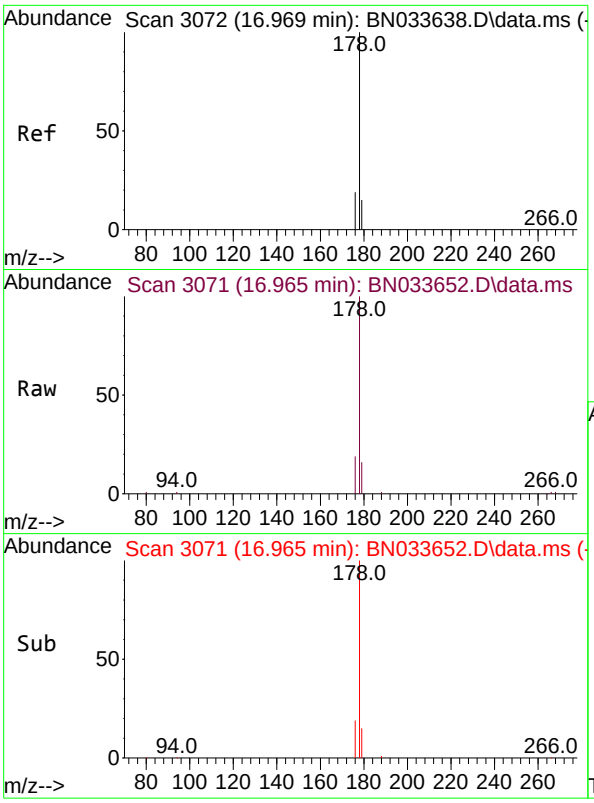


#14
Pentachlorophenol
Concen: 0.669 ng/ul
RT: 16.585 min Scan# 2981
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:266 Resp: 3007

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.3	75.5
268	64.3	51.7	77.5



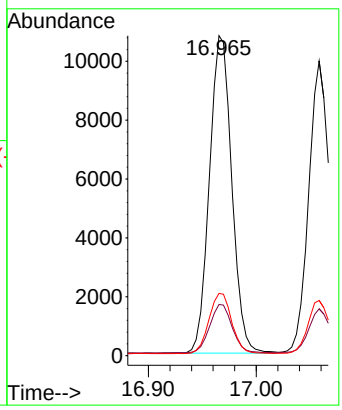


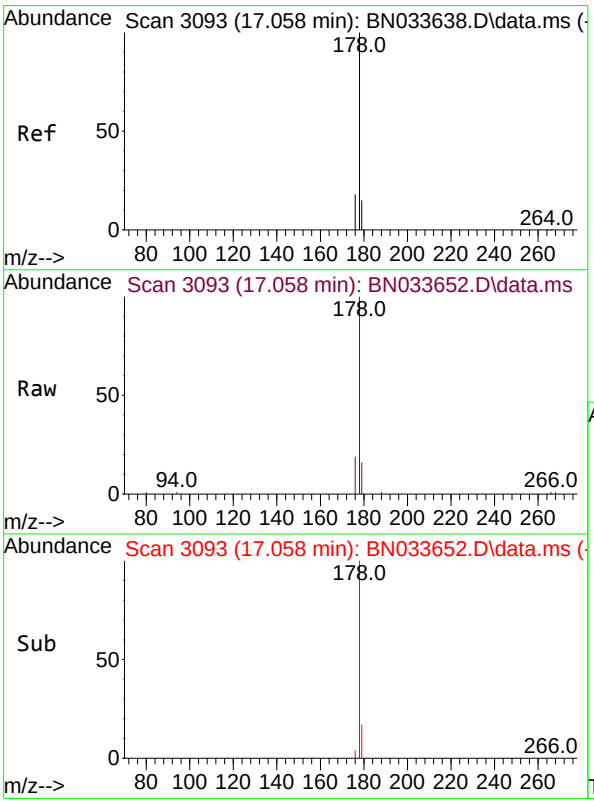
#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 16.965 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:178 Resp: 15492

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.5	15.7	23.5

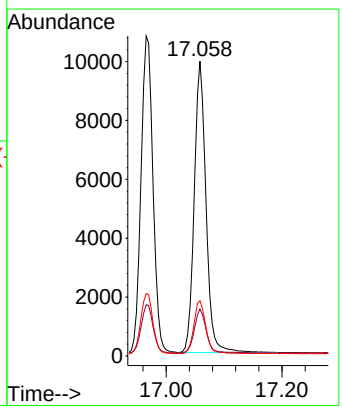


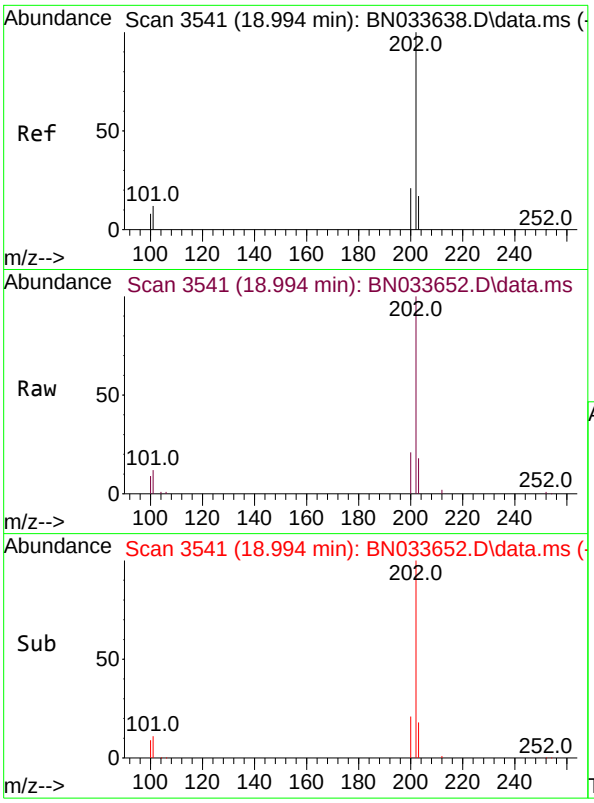


#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:178 Resp: 13951

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	18.7	15.2	22.8



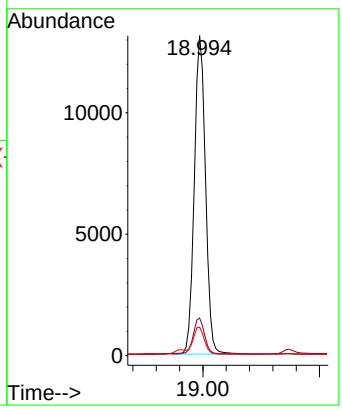


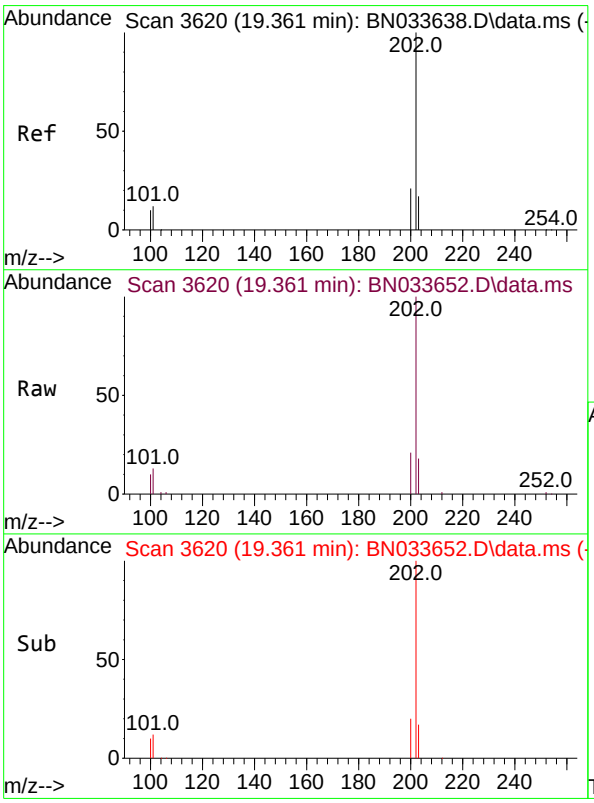
#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 18.994 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:202 Resp: 17399

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.4
100	8.9	6.7	10.1

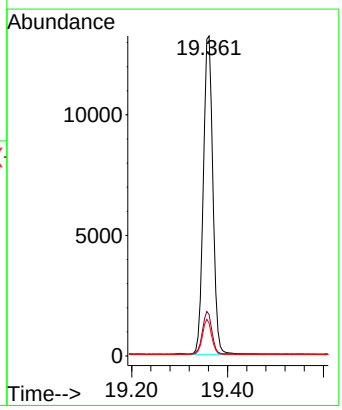


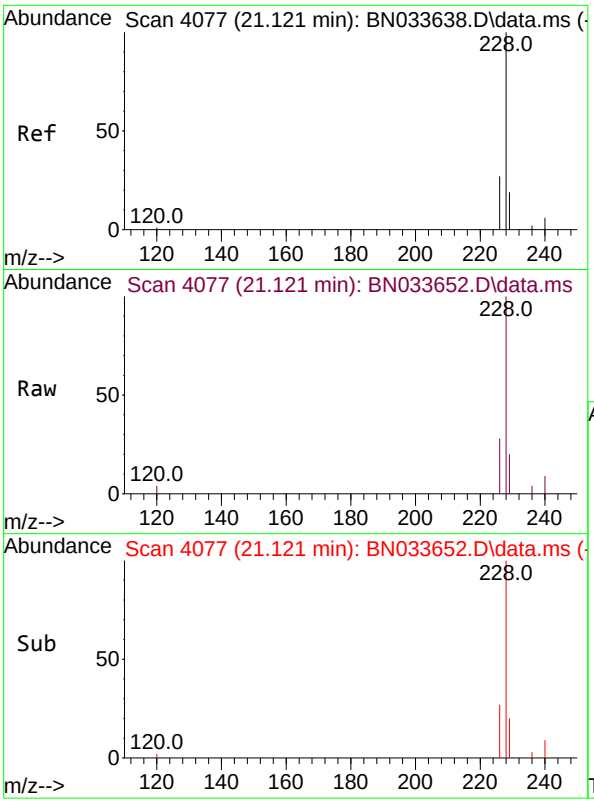


#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:202 Resp: 18217

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.8	16.2
100	10.3	8.7	13.1



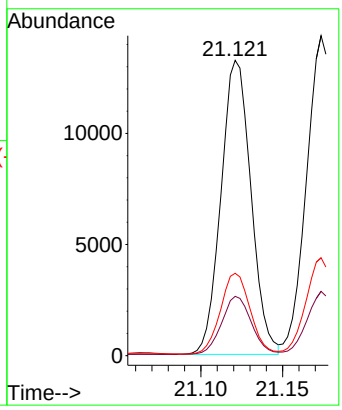


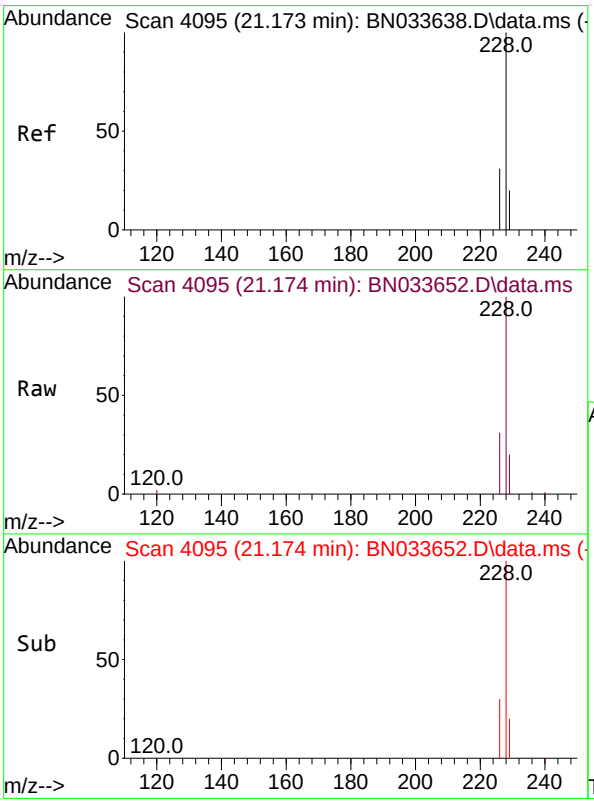
#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.121 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:228 Resp: 16891

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.2
226	27.9	22.1	33.1

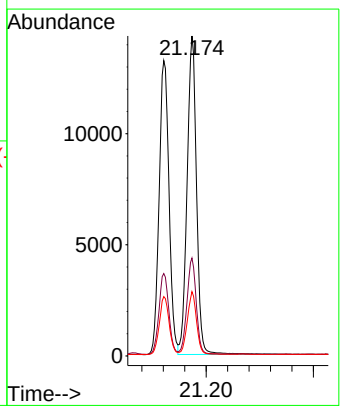


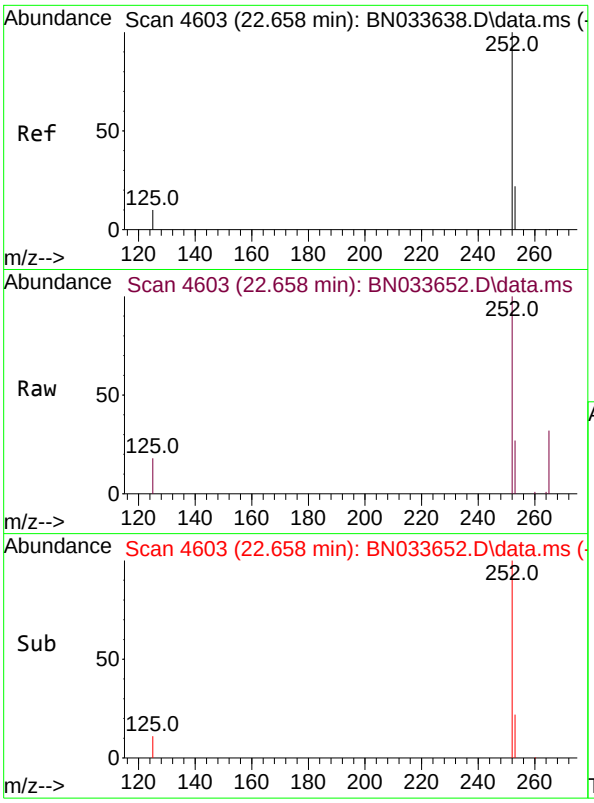


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.174 min Scan# 4095
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:228 Resp: 17478

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.1	15.6	23.4



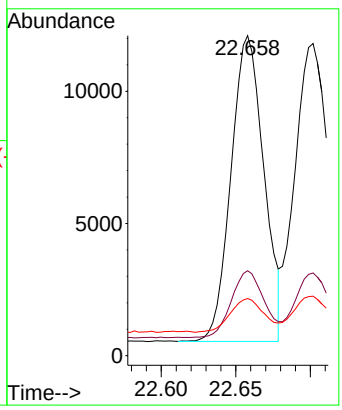


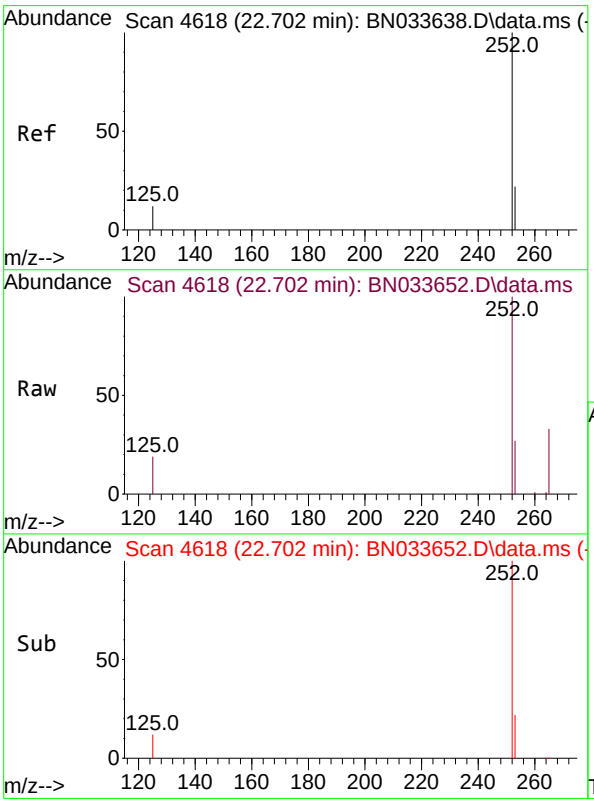
#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.658 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:252 Resp: 17709

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	52.8
125	17.9	0.0	36.4

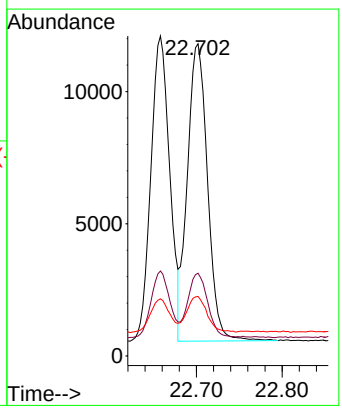


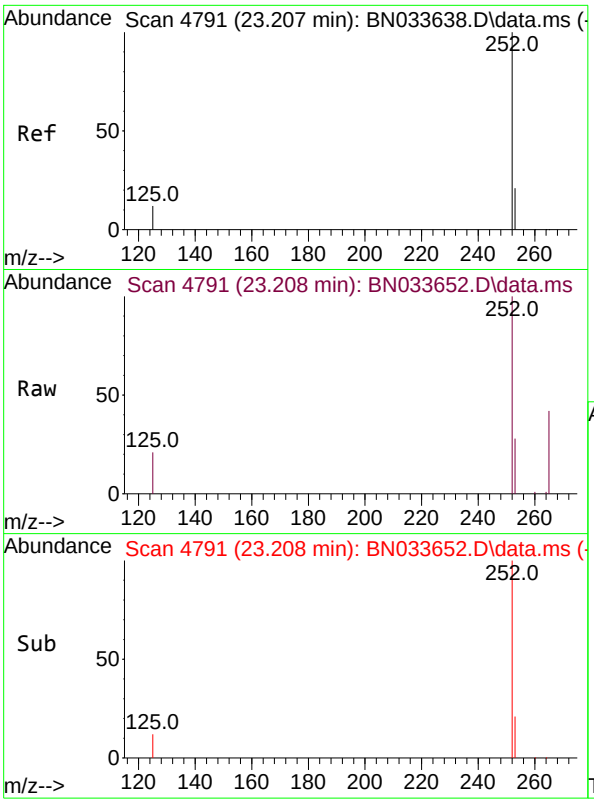


#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:252 Resp: 18400

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.4	32.0
125	19.1	15.1	22.7



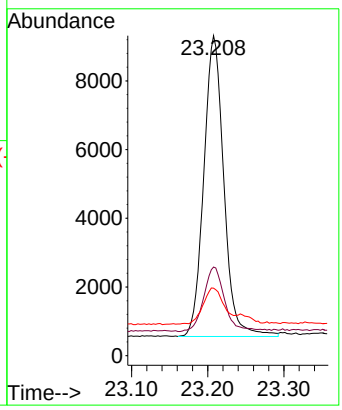


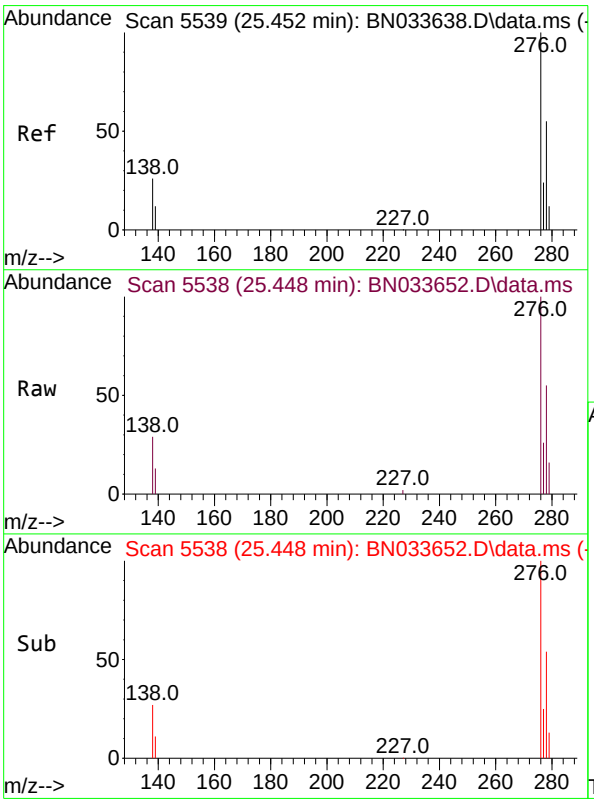
#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.208 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:252 Resp: 16011

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.8	34.2
125	21.1	18.0	27.0

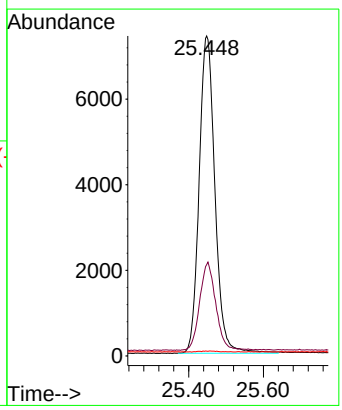


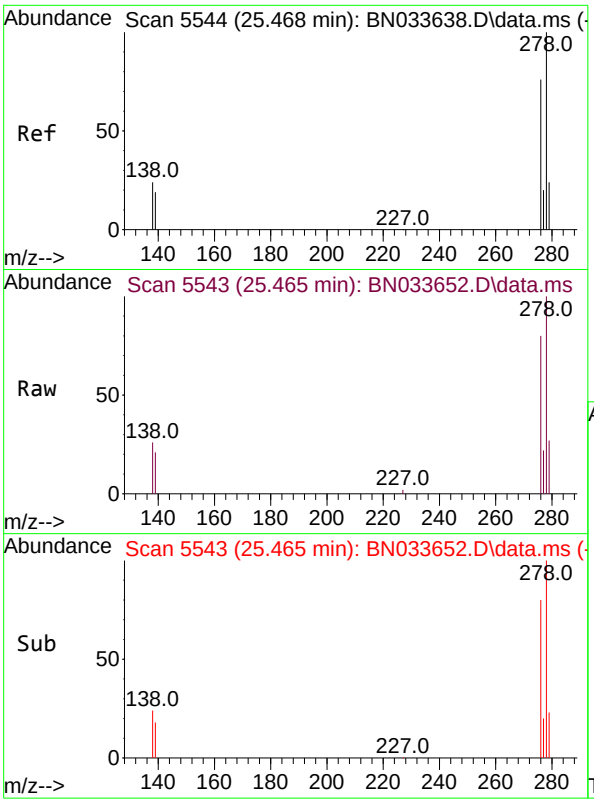


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.448 min Scan# 5538
Delta R.T. -0.002 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:276 Resp: 21759

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.3	33.5
227	0.1	0.2	0.4#



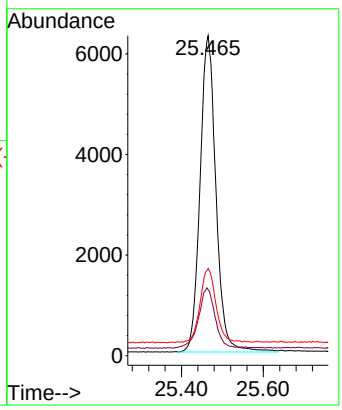


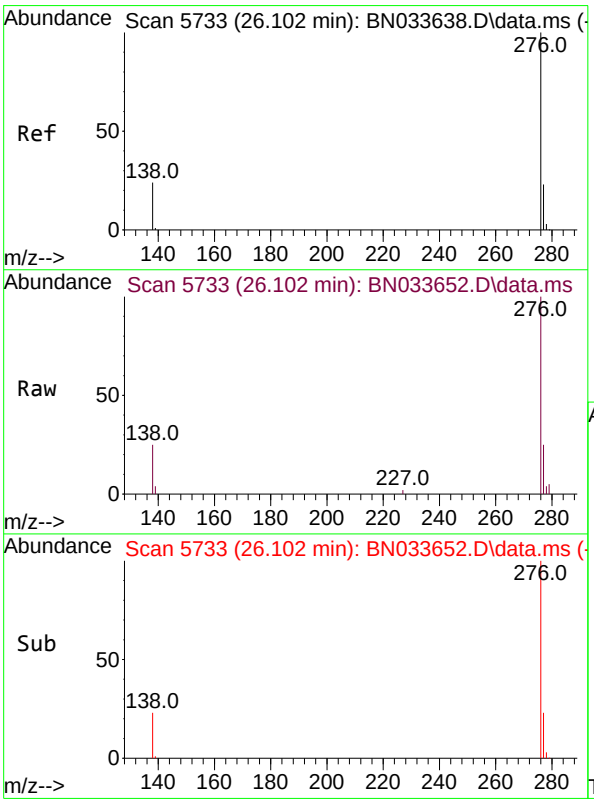
#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 25.465 min Scan# 5
Delta R.T. 0.001 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Instrument :
BNA_N
ClientSampleId :
SLCS963

Tgt Ion:278 Resp: 16977

Ion	Ratio	Lower	Upper
278	100		
139	20.6	17.3	25.9
279	27.3	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.102 min Scan# 5733
Delta R.T. 0.005 min
Lab File: BN033652.D
Acq: 28 Aug 2024 18:59

Tgt Ion:276 Resp: 17275

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.8	31.2
277	24.7	20.2	30.4