Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
Data File : BN033992.D
Acq On : 16 Sep 2024 17:37
Operator : JU/RC
Sample : PB163399BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS399

Quant Time: Sep 16 18:43:49 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 : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	6262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	16954	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.124	164	8227	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.877	188	15945	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	12362	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264	13821	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5190	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	9468	0.389	ng/ul	-0.01
18) Fluoranthene-d10	18.920	212	15871	0.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.131	88	15136	2.119	ng/ul#	78
5) Naphthalene	10.283	128	17588	0.388	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	10893	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.131	142	12917	0.437	ng/ul	100
10) Acenaphthylene	13.837	152	13507	0.362	ng/ul	99
11) Acenaphthene	14.184	153	11029	0.409	ng/ul	99
12) Fluorene	15.183	166	11615	0.385	ng/ul	99
14) Pentachlorophenol	16.539	266	2482	0.495	ng/ul	99
15) Phenanthrene	16.919	178	17506	0.372	ng/ul	99
16) Anthracene	17.012	178	15423	0.365	ng/ul	100
19) Fluoranthene	18.948	202	19260	0.395	ng/ul	99
20) Pyrene	19.315	202	23149	0.447	ng/ul	99
21) Benzo(a)anthracene	21.080	228	17611	0.362	ng/ul	100
22) Chrysene	21.133	228	19256	0.392	ng/ul	99
24) Benzo(b)fluoranthene	22.602	252	18947	0.353	ng/ul	97
25) Benzo(k)fluoranthene	22.646	252	20936	0.390	ng/ul	99
26) Benzo(a)pyrene	23.143	252	17863	0.415	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.354	276	24782	0.383	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.368	278	19127	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	25.995	276	19662	0.389	ng/ul	99

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

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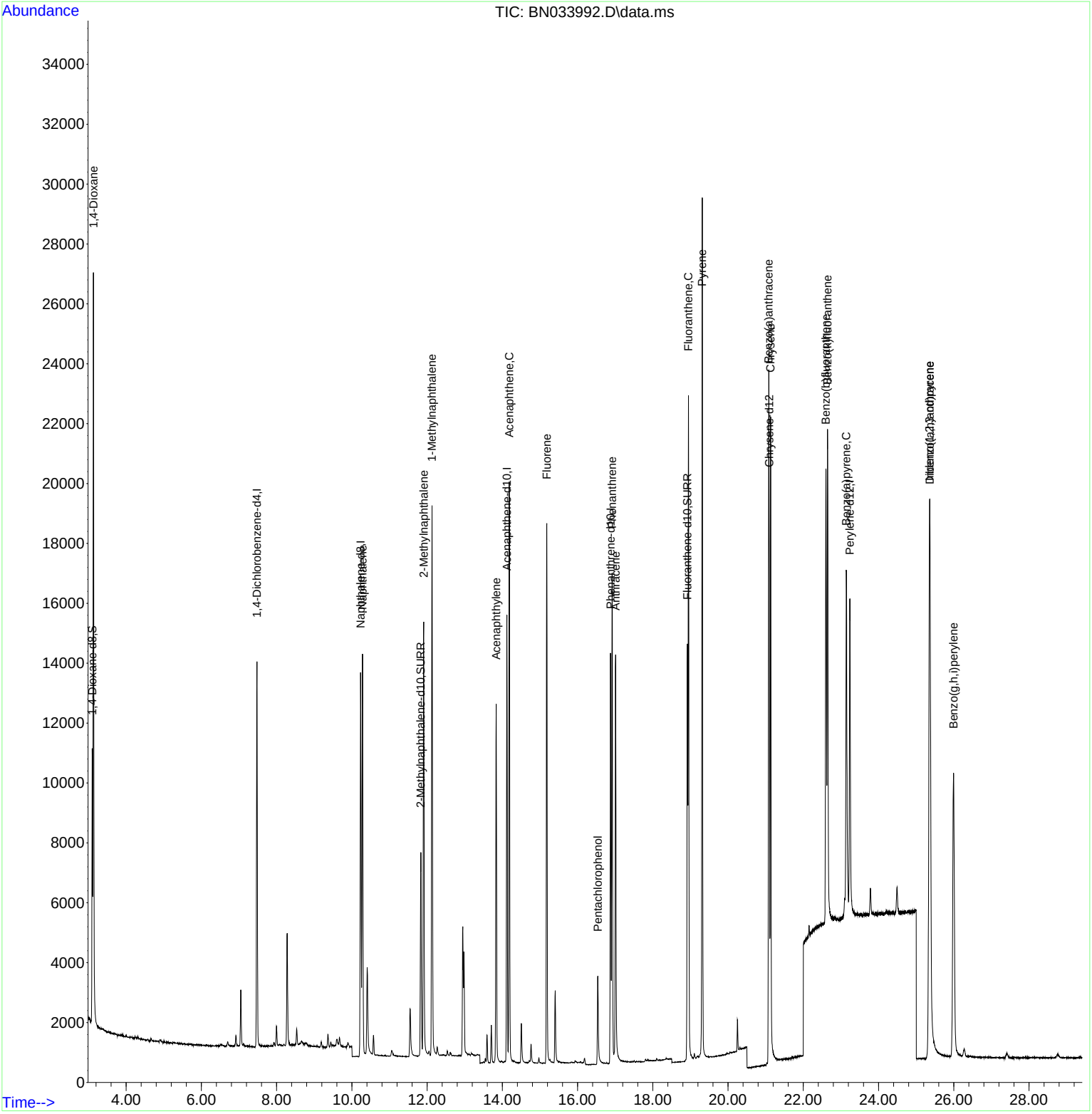
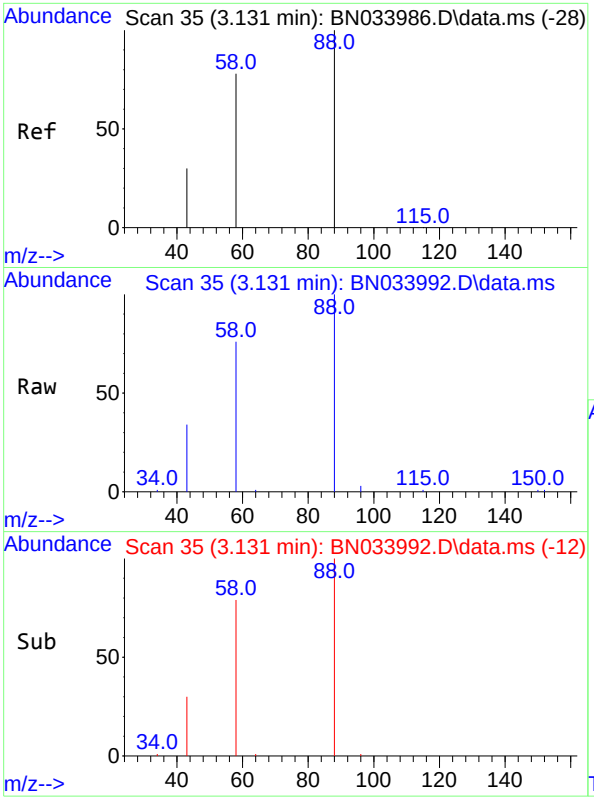


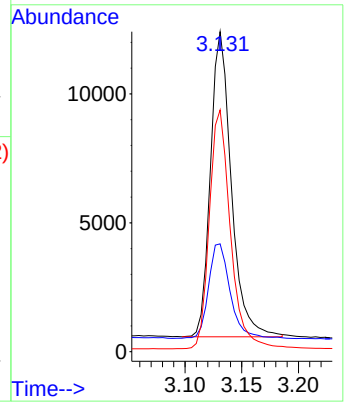


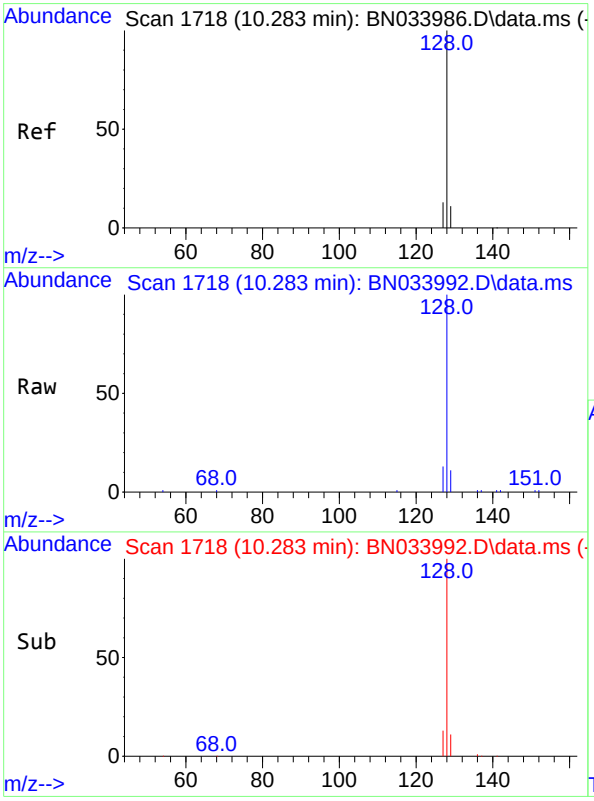
#2
1,4-Dioxane
Concen: 2.119 ng/ul
RT: 3.131 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion: 88 Resp: 15136

Ion	Ratio	Lower	Upper
88	100		
43	33.7	47.0	70.4#
58	75.6	53.0	79.4

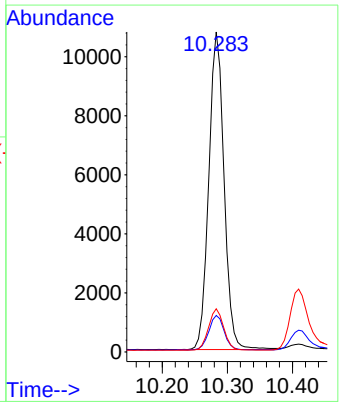


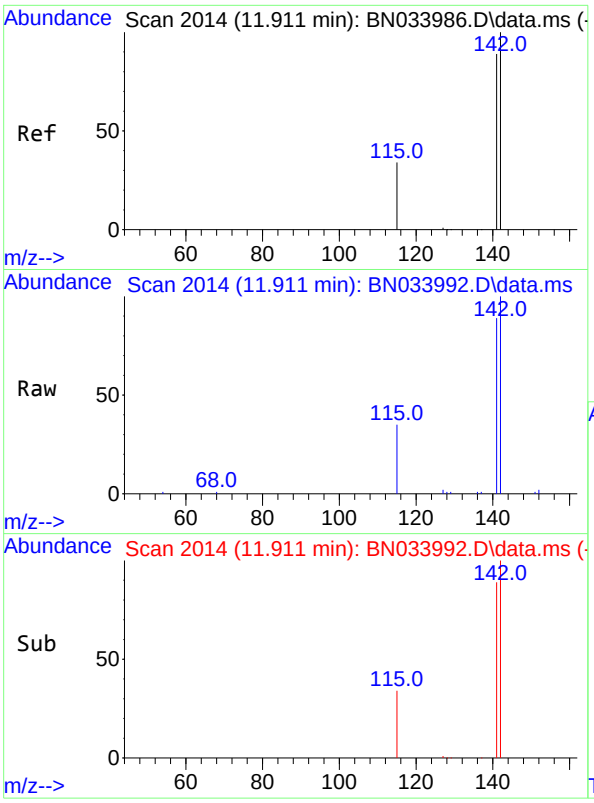


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.283 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:128 Resp: 17588

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	10.8	16.2



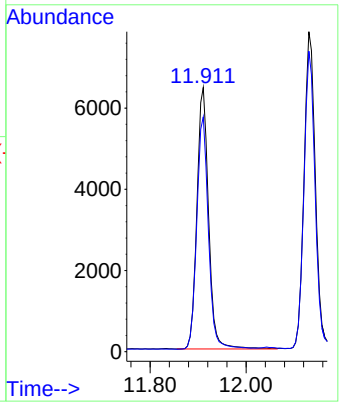


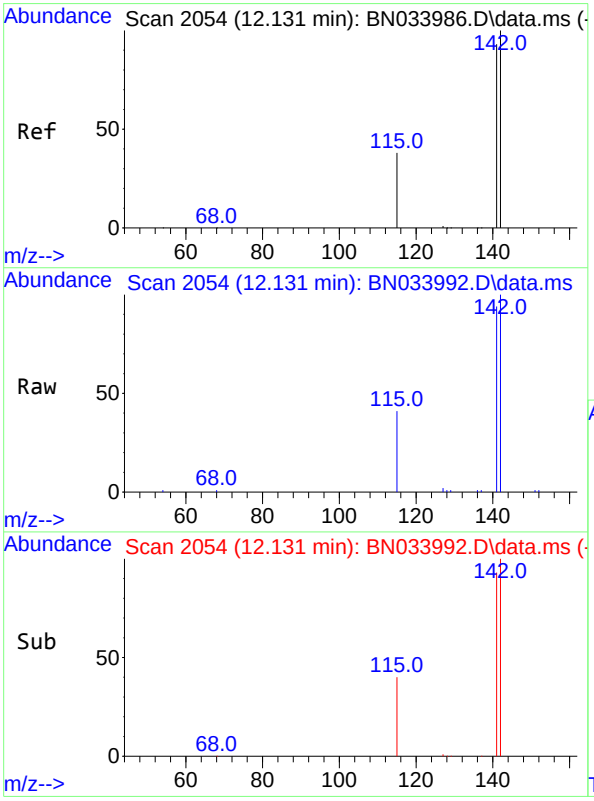
#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.911 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:142 Resp: 10893

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7

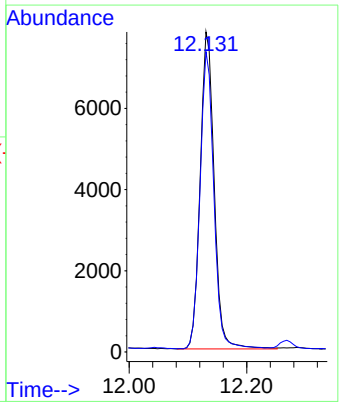


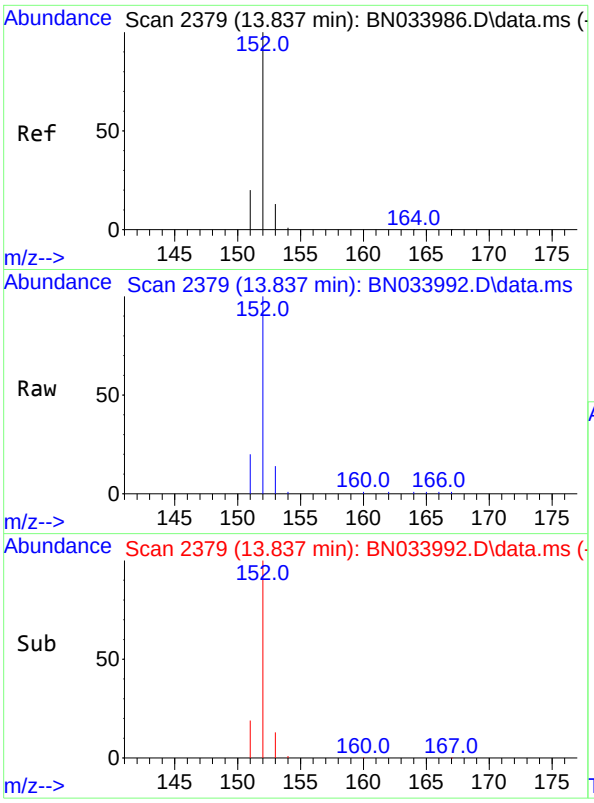


#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.131 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:142 Resp: 12917

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.6	110.4



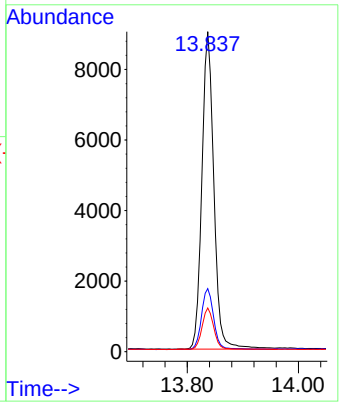


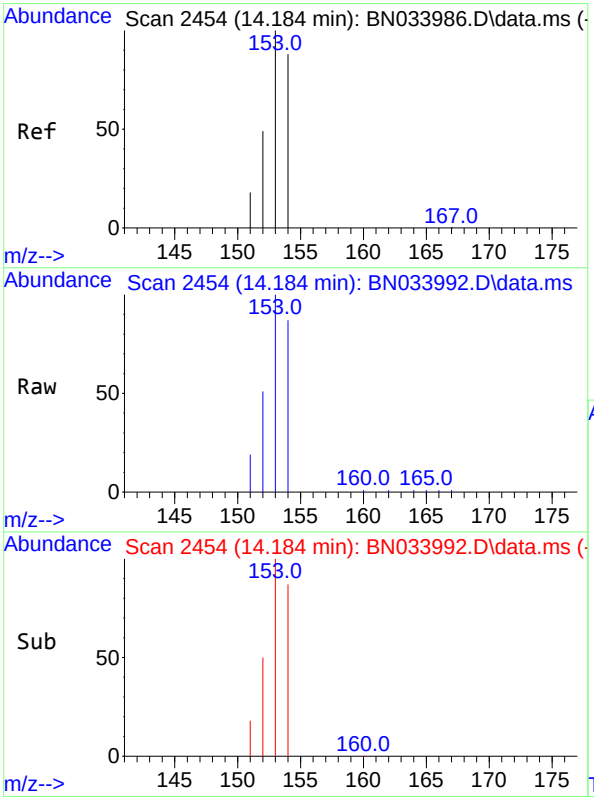
#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 13.837 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:152 Resp: 13507

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.6	10.8	16.2

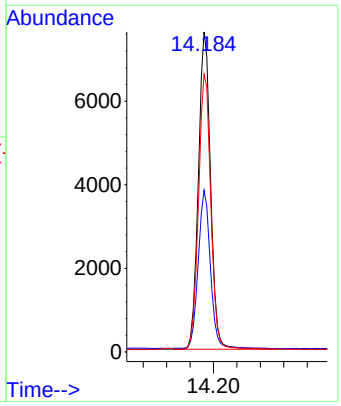


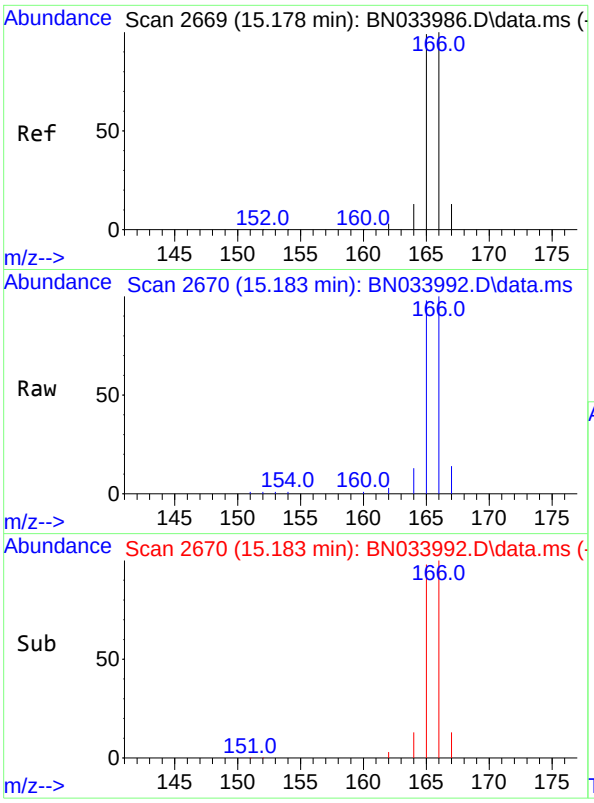


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:153 Resp: 11029

Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.8	59.8
154	86.8	69.0	103.6



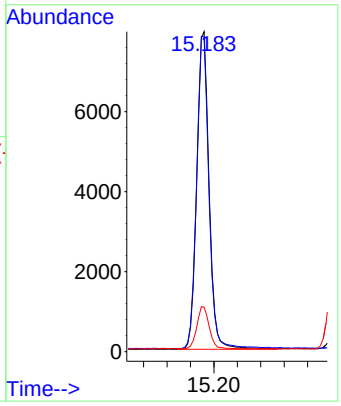


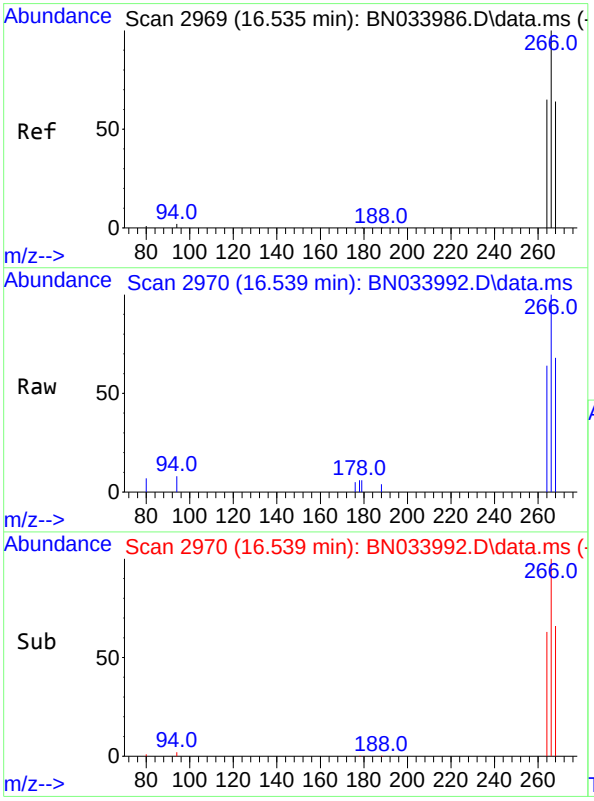
#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.183 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:166 Resp: 11615

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.9	11.4	17.0

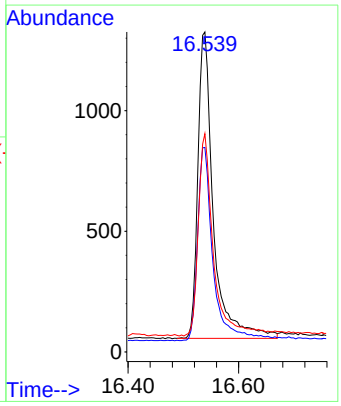


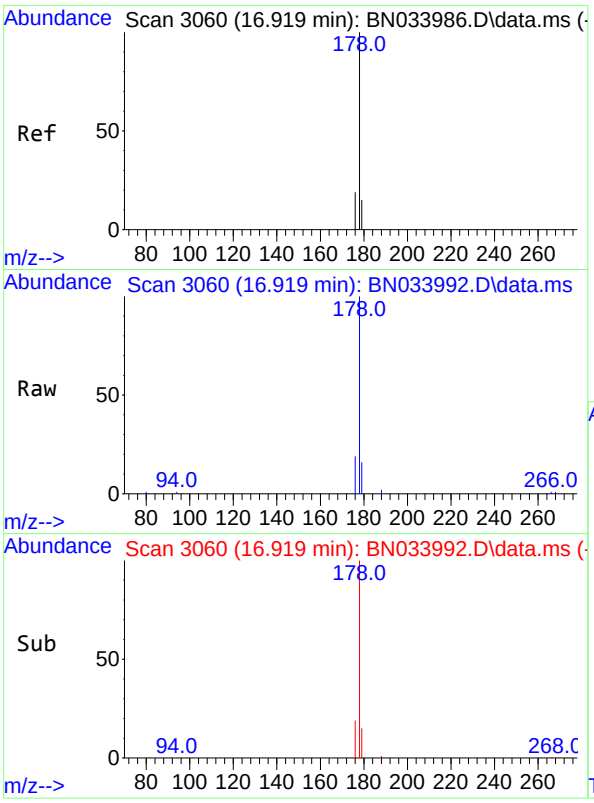


#14
Pentachlorophenol
Concen: 0.495 ng/ul
RT: 16.539 min Scan# 2970
Delta R.T. -0.004 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:266 Resp: 2482

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.3	75.5
268	65.2	51.7	77.5



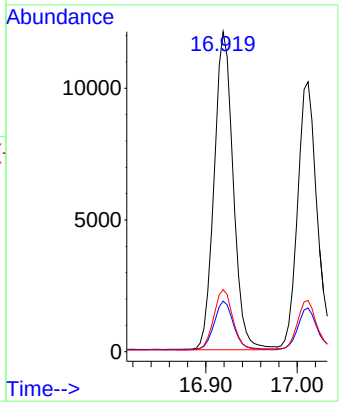


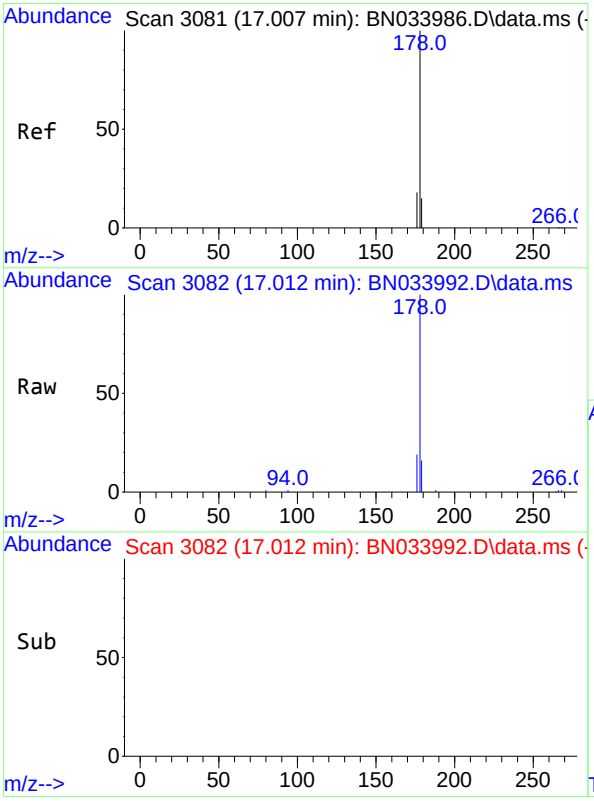
#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 16.919 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:178 Resp: 17506

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.4	15.7	23.5

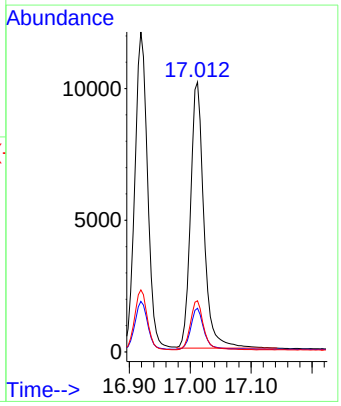


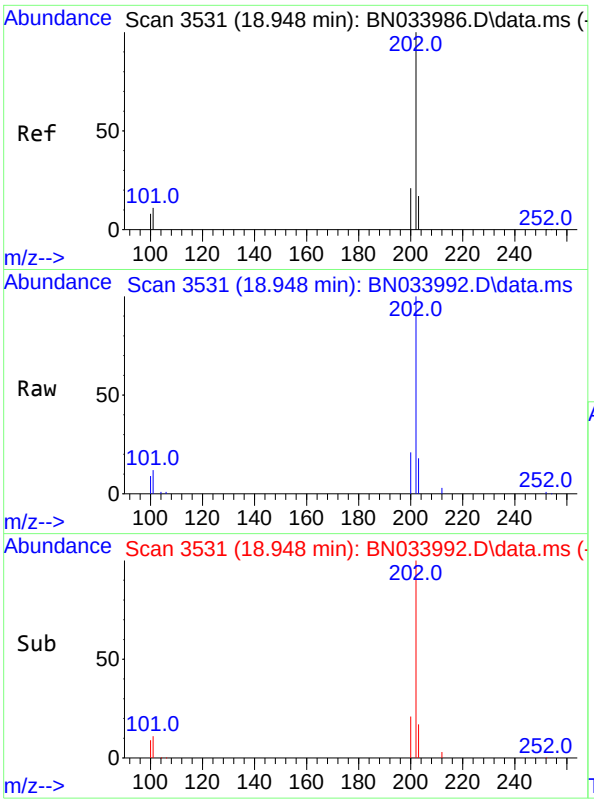


#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.012 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:178 Resp: 15423

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	19.0	15.2	22.8



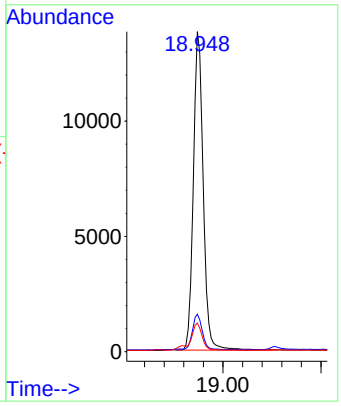


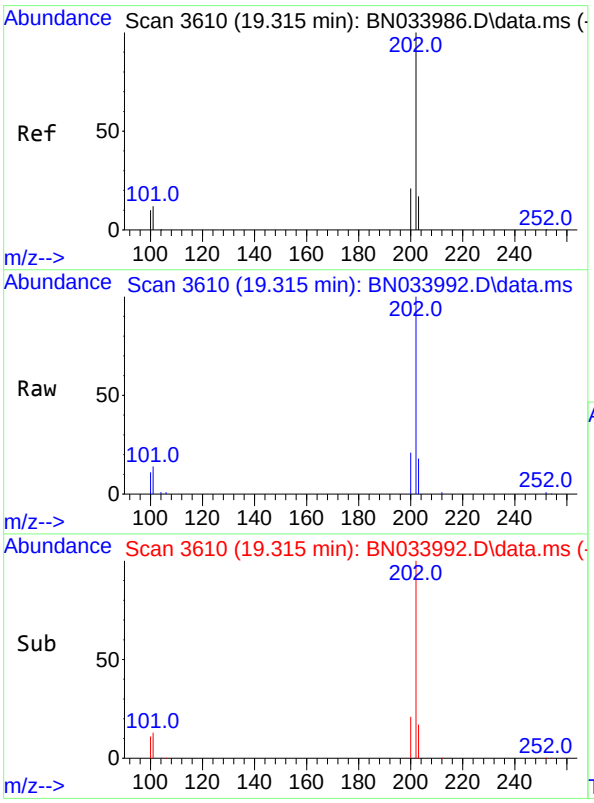
#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 18.948 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:202 Resp: 19260

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

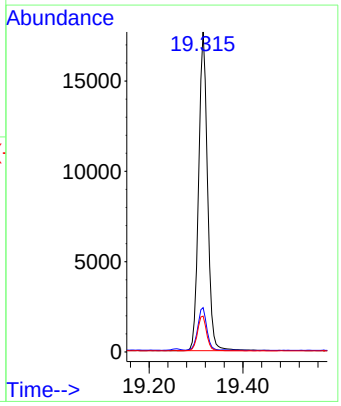


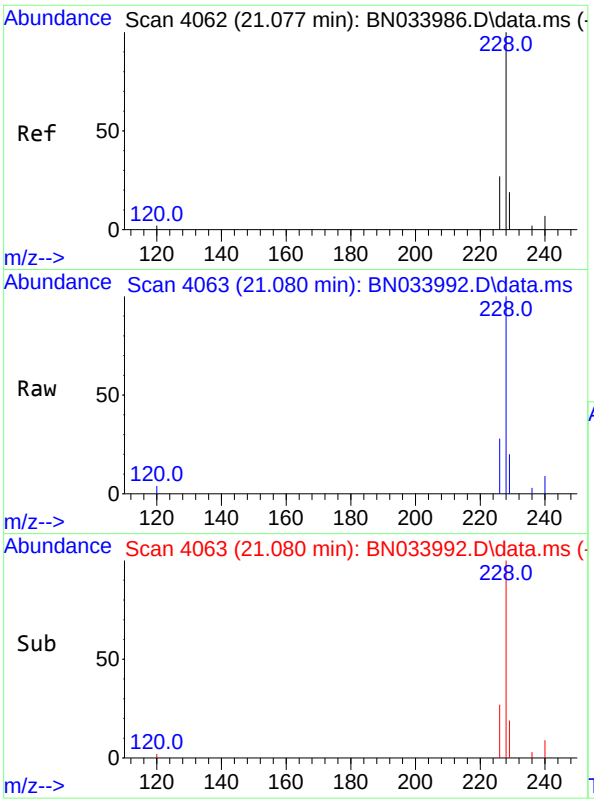


#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:202 Resp: 23149

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.8	16.2
100	11.2	8.7	13.1



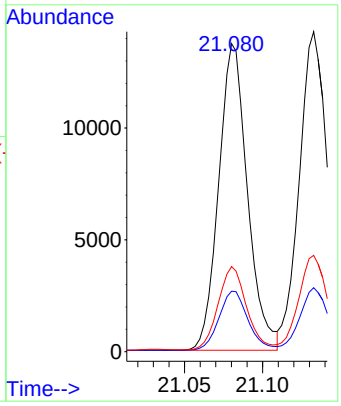


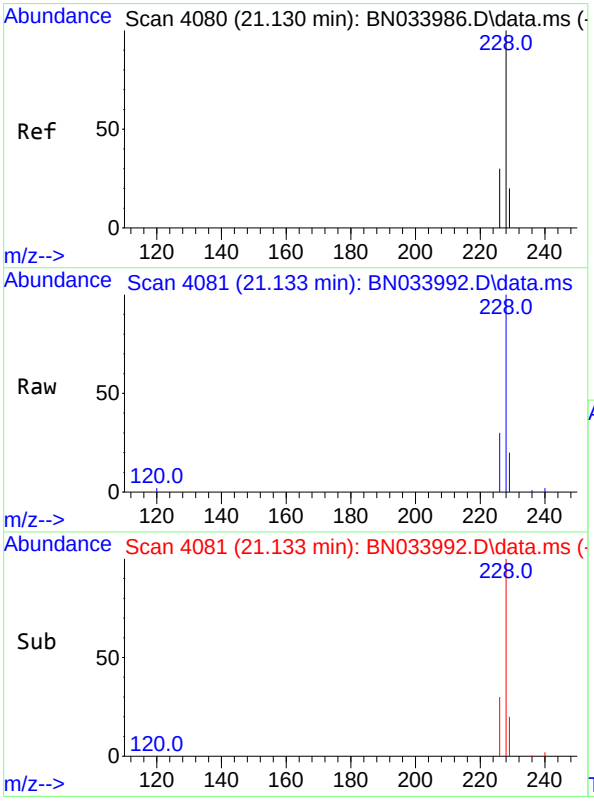
#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.080 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:228 Resp: 17611

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.2
226	27.7	22.1	33.1

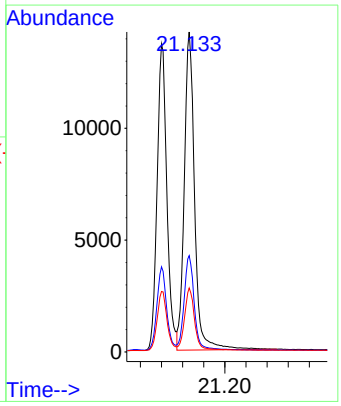


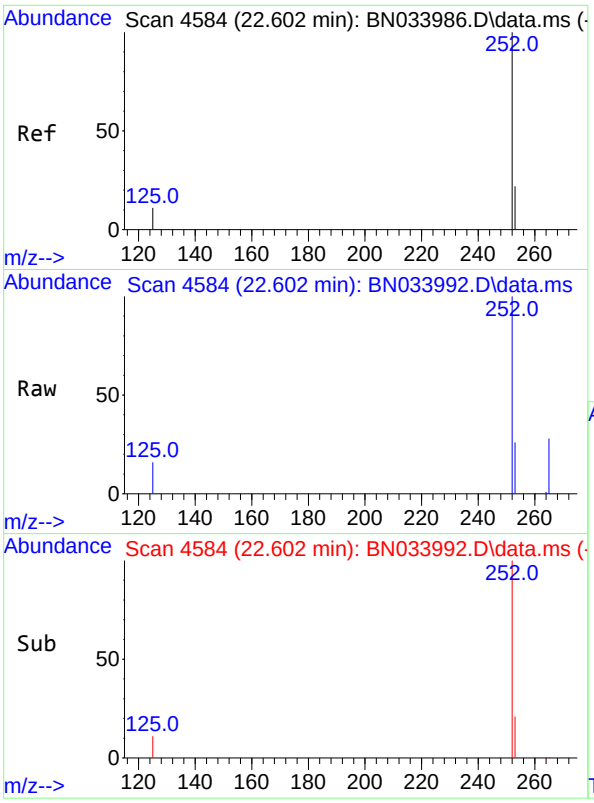


#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.133 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:228 Resp: 19256

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	20.0	15.6	23.4



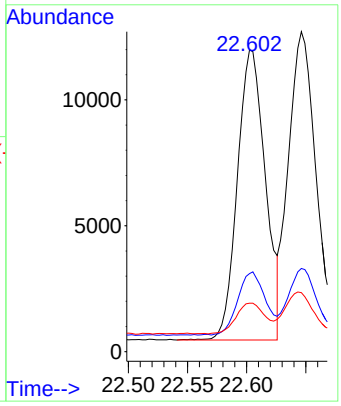


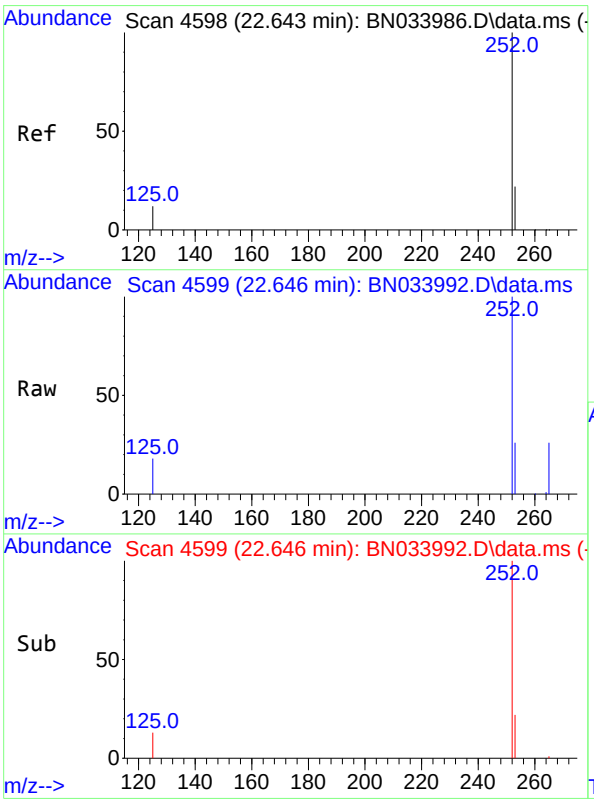
#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.602 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:252 Resp: 18947

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	52.8
125	16.0	0.0	36.4

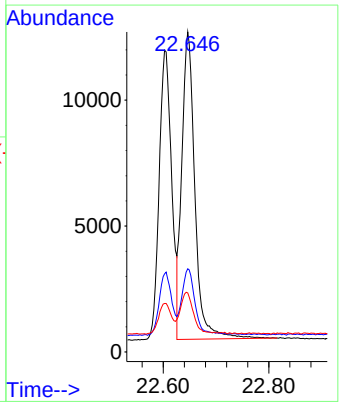


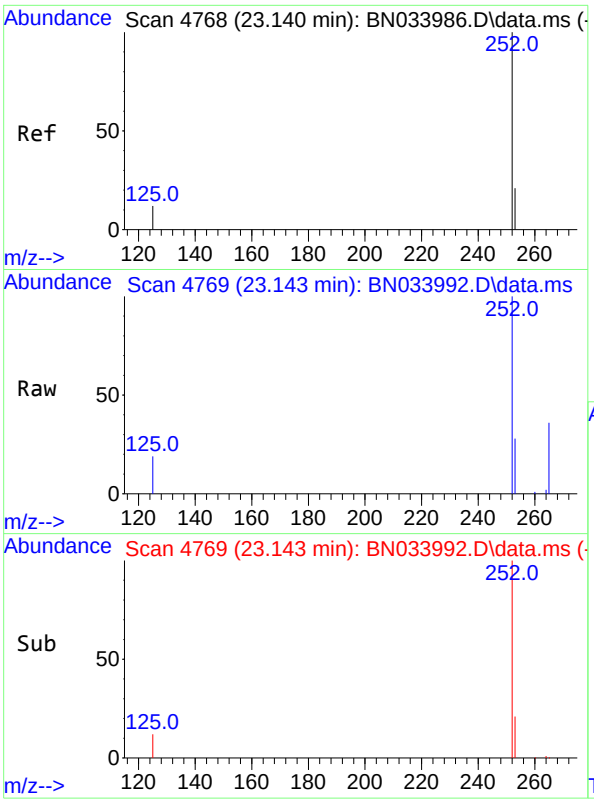


#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:252 Resp: 20936

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.4	32.0
125	18.5	15.1	22.7



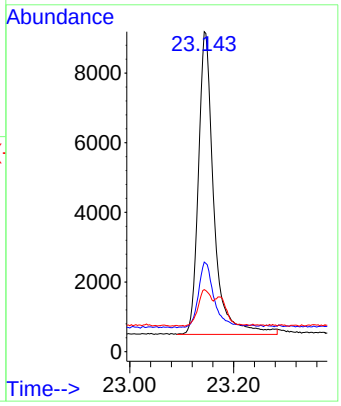


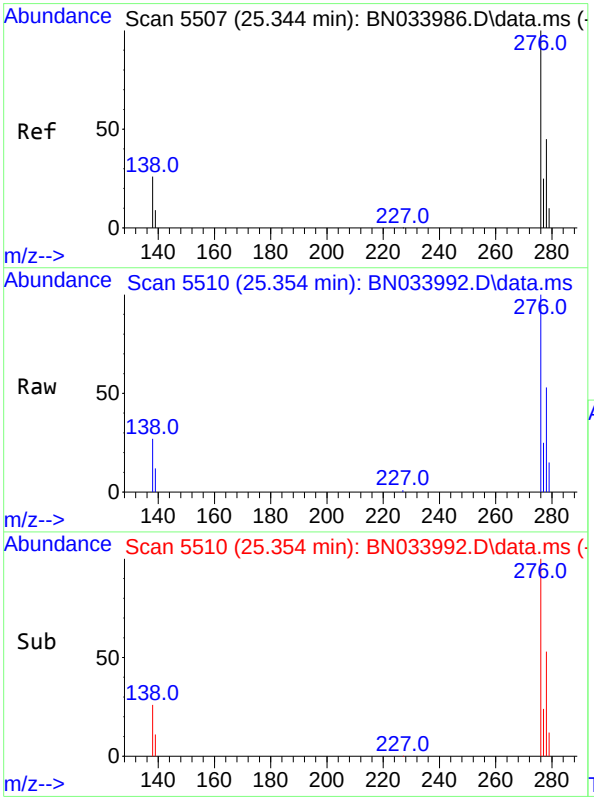
#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.143 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:252 Resp: 17863

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.8	34.2
125	19.4	18.0	27.0

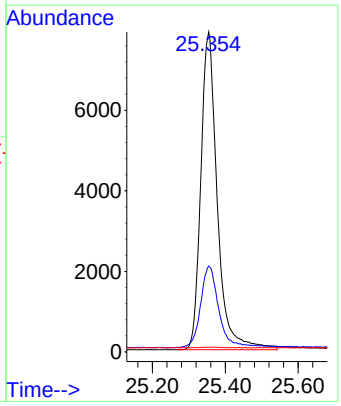


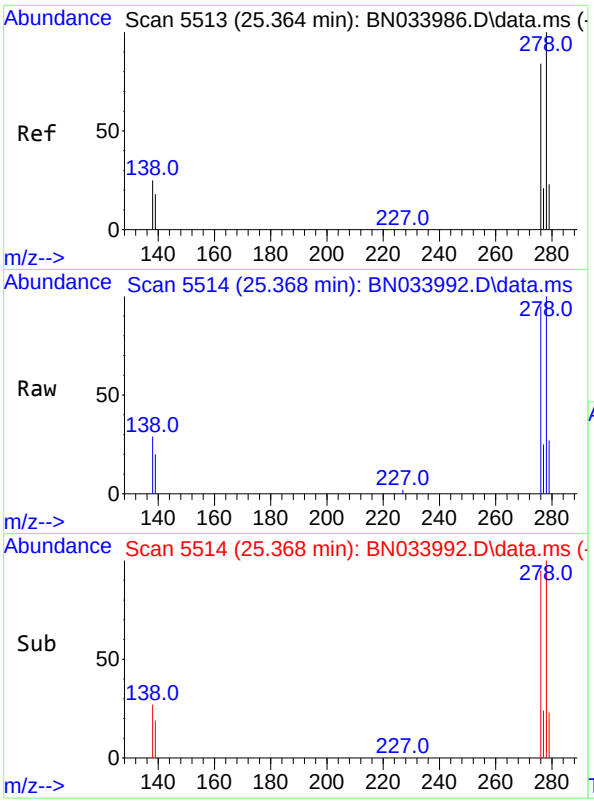


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 25.354 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:276 Resp: 24782

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.3	33.5
227	0.1	0.2	0.4#



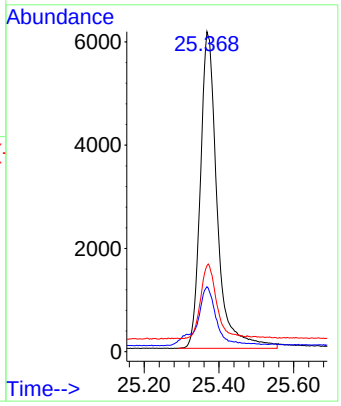


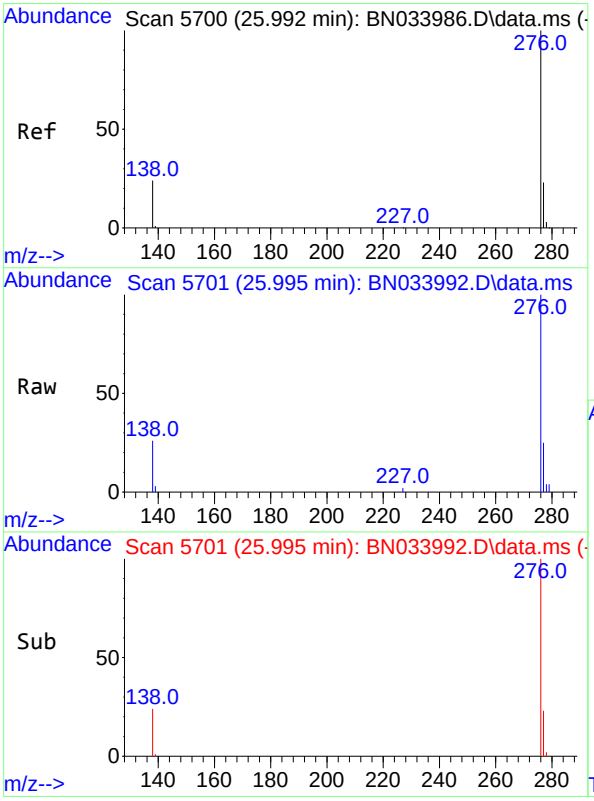
#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.368 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS399

Tgt Ion:278 Resp: 19127

Ion	Ratio	Lower	Upper
278	100		
139	20.3	17.3	25.9
279	26.8	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 25.995 min Scan# 5701
Delta R.T. -0.007 min
Lab File: BN033992.D
Acq: 16 Sep 2024 17:37

Tgt Ion:276 Resp: 19662

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.8	31.2
277	24.7	20.2	30.4