Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033946.D
Acq On : 15 Sep 2024 11:39
Operator : JU/RC
Sample : PB163355BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS355

Quant Time: Sep 16 00:13:01 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	7.481	152	3608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	9965	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.128	164	5065	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	10660	0.400	ng/ul	0.00
17) Chrysene-d12	21.098	240	9166	0.400	ng/ul	0.00
23) Perylene-d12	23.240	264	9828	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3671	0.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	6671	0.467	ng/ul	0.00
18) Fluoranthene-d10	18.920	212	13851	0.507	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.131	88	9123	2.217	ng/ul#	80
5) Naphthalene	10.288	128	10683	0.401	ng/ul	99
7) 2-Methylnaphthalene	11.916	142	6663	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.136	142	7964	0.459	ng/ul	100
10) Acenaphthylene	13.841	152	8518	0.370	ng/ul	99
11) Acenaphthene	14.188	153	7122	0.429	ng/ul	99
12) Fluorene	15.188	166	7638	0.412	ng/ul	99
14) Pentachlorophenol	16.539	266	902	0.269	ng/ul	98
15) Phenanthrene	16.923	178	12304	0.391	ng/ul	100
16) Anthracene	17.016	178	10512	0.372	ng/ul	99
19) Fluoranthene	18.952	202	14380	0.398	ng/ul	99
20) Pyrene	19.320	202	15156	0.395	ng/ul	97
21) Benzo(a)anthracene	21.083	228	13197	0.366	ng/ul	99
22) Chrysene	21.133	228	15797	0.433	ng/ul	100
24) Benzo(b)fluoranthene	22.605	252	14794	0.388	ng/ul	98
25) Benzo(k)fluoranthene	22.646	252	16937	0.444	ng/ul	99
26) Benzo(a)pyrene	23.146	252	13637	0.445	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.358	276	18468	0.401	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.371	278	14316	0.401	ng/ul	97
29) Benzo(g,h,i)perylene	25.995	276	15175	0.422	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
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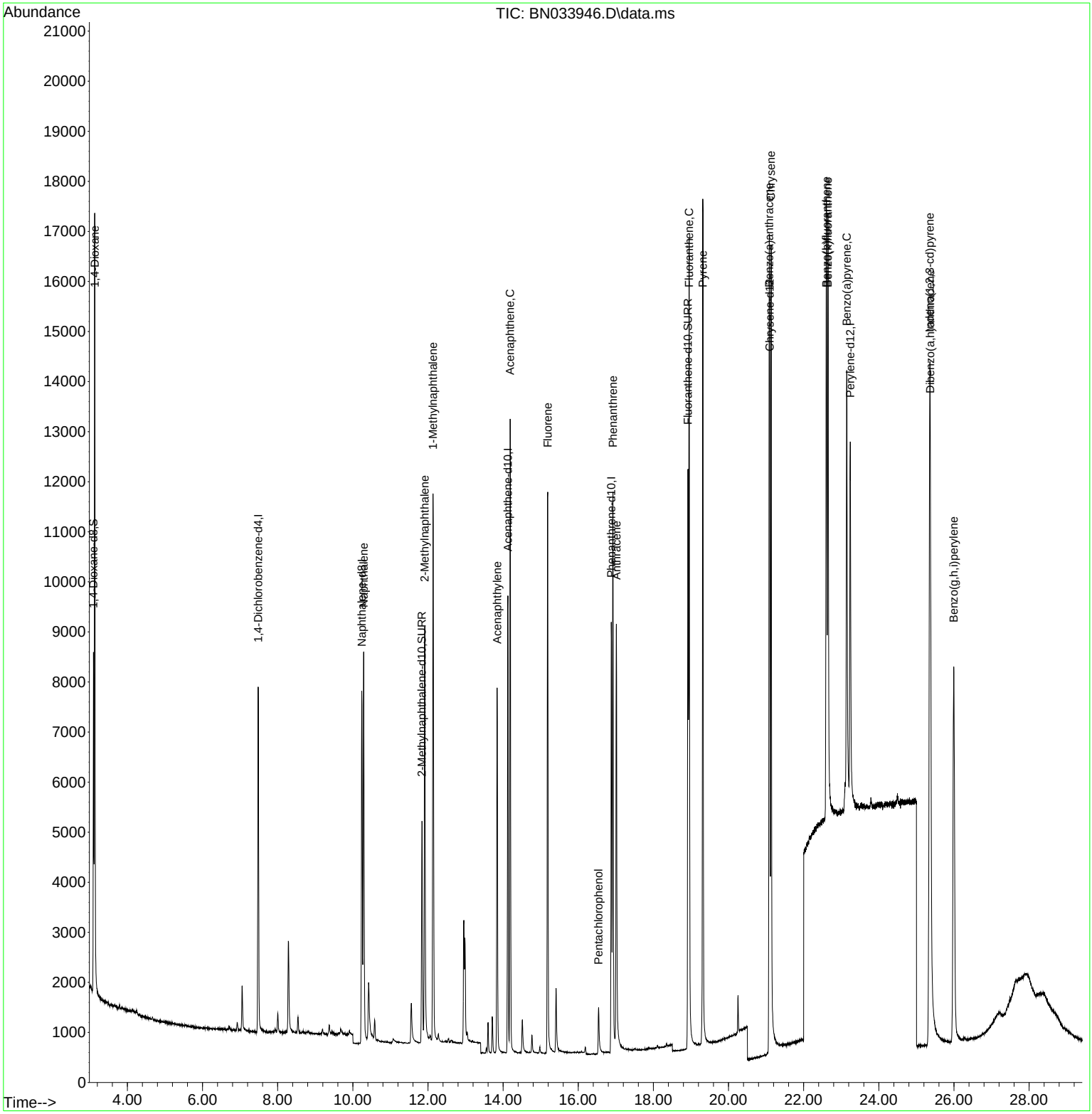
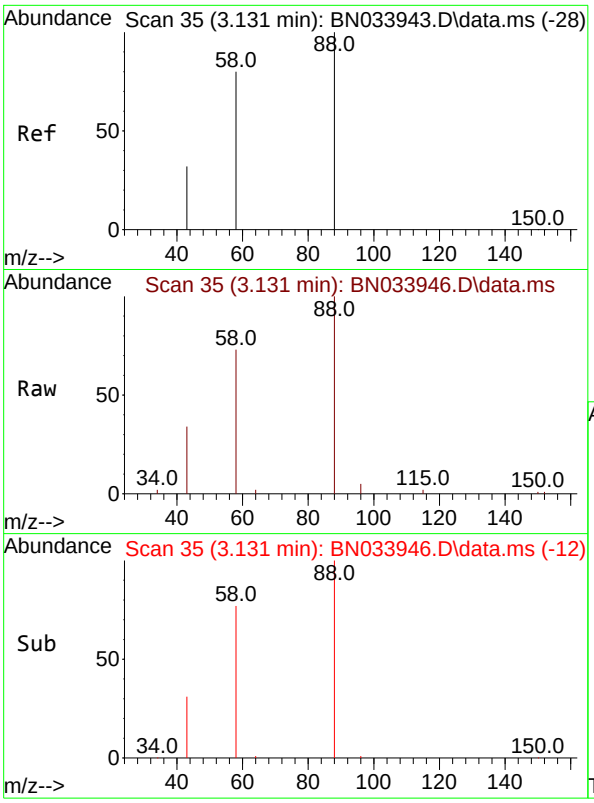


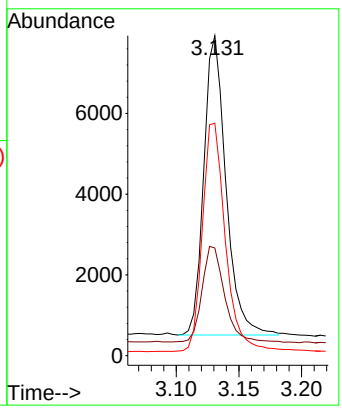


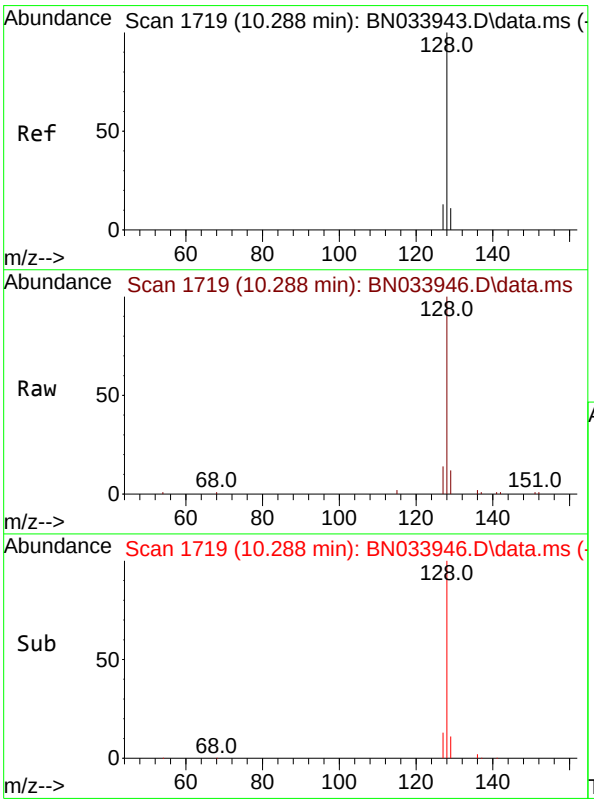
#2
1,4-Dioxane
Concen: 2.217 ng/ul
RT: 3.131 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion: 88 Resp: 9123

Ion	Ratio	Lower	Upper
88	100		
43	33.6	47.0	70.4#
58	72.6	53.0	79.4

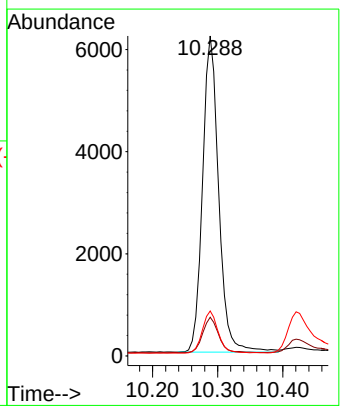


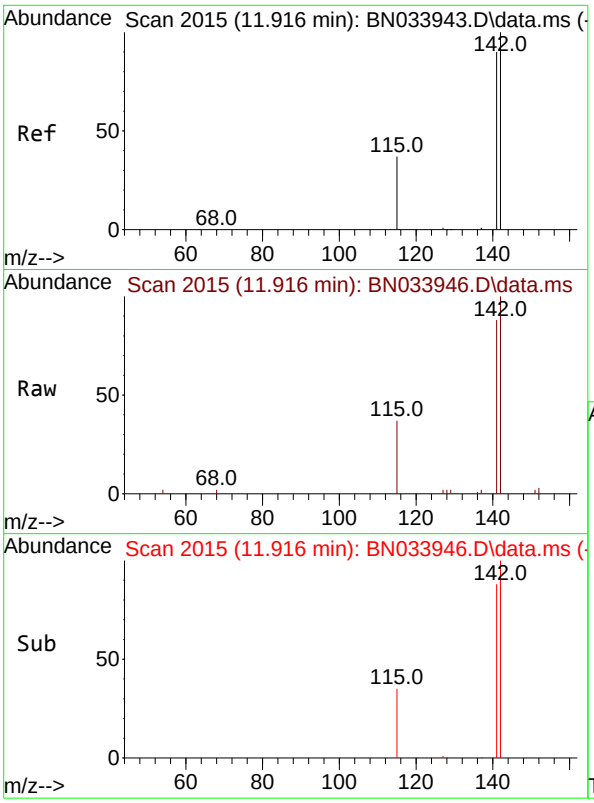


#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:128 Resp: 10683

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.0	10.8	16.2



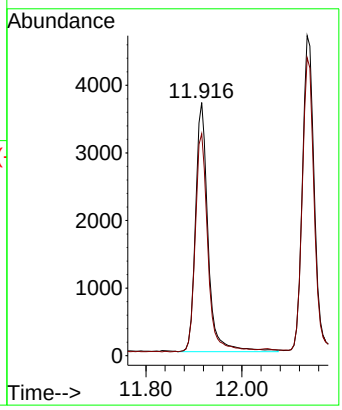


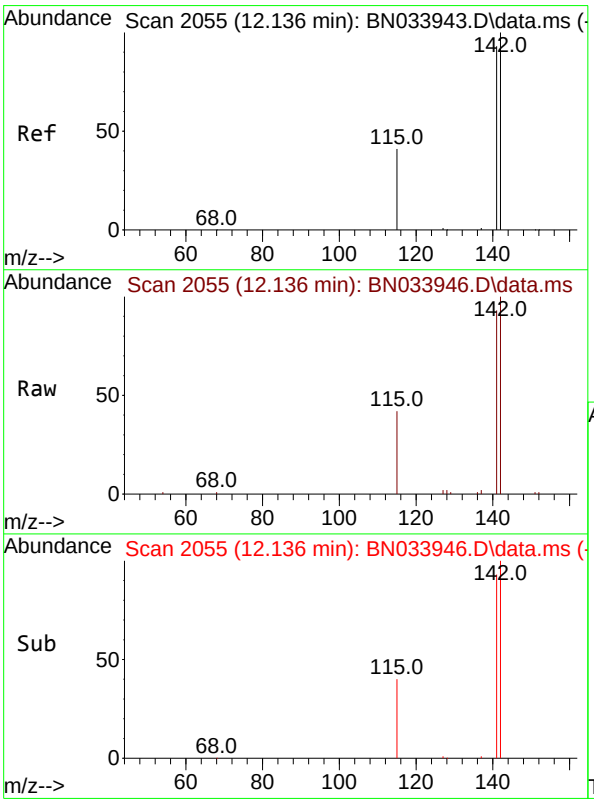
#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 11.916 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:142 Resp: 6663

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7

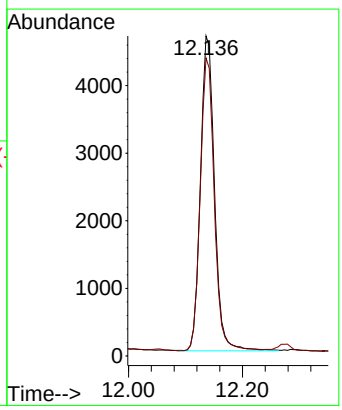


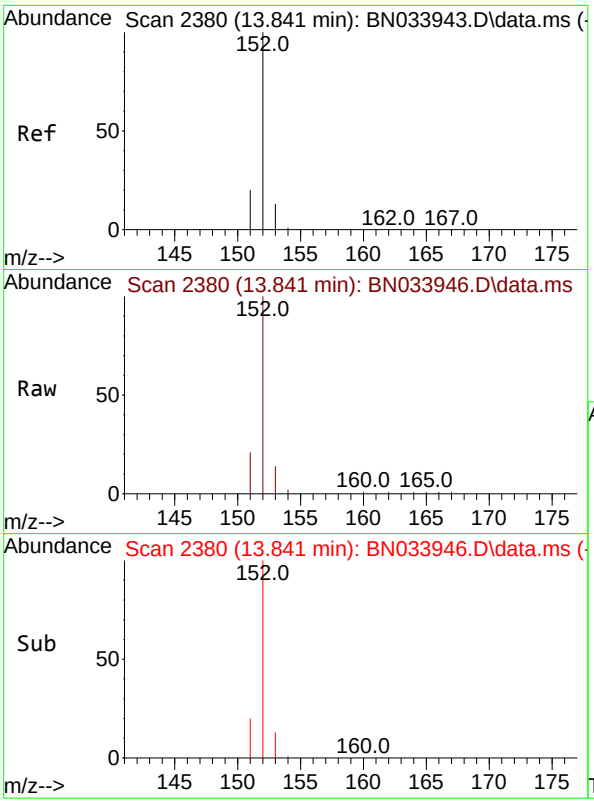


#8
1-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:142 Resp: 7964

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.6	110.4



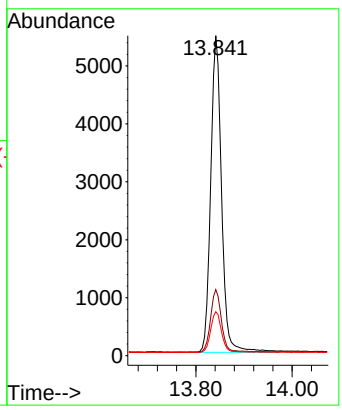


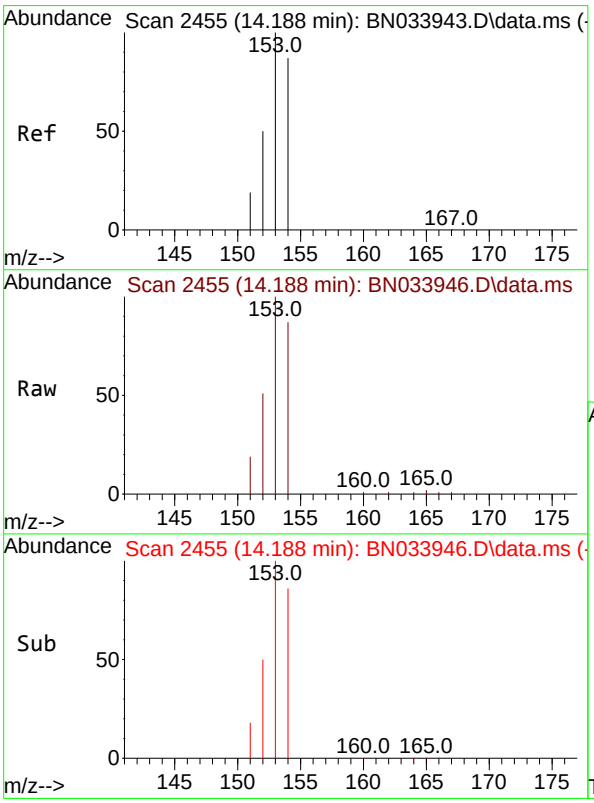
#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 13.841 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:152 Resp: 8518

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.8	10.8	16.2

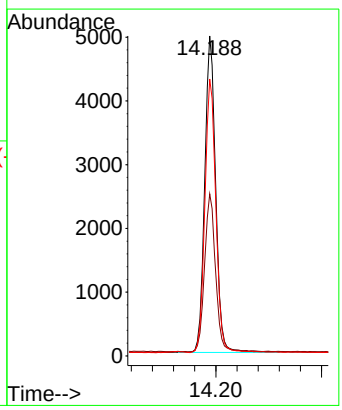


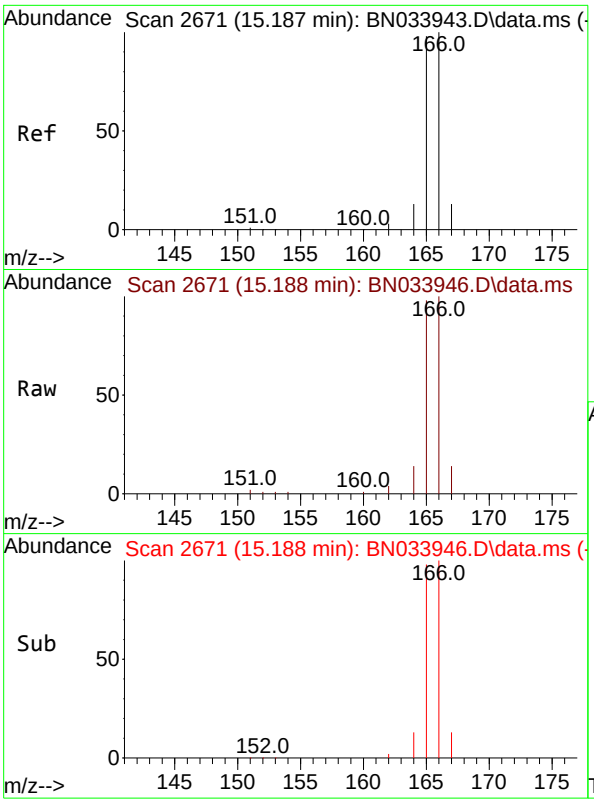


#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:153 Resp: 7122

Ion	Ratio	Lower	Upper
153	100		
152	50.6	39.8	59.8
154	86.6	69.0	103.6



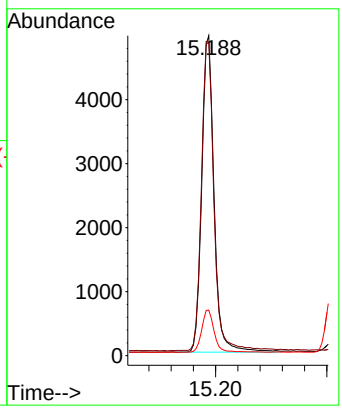


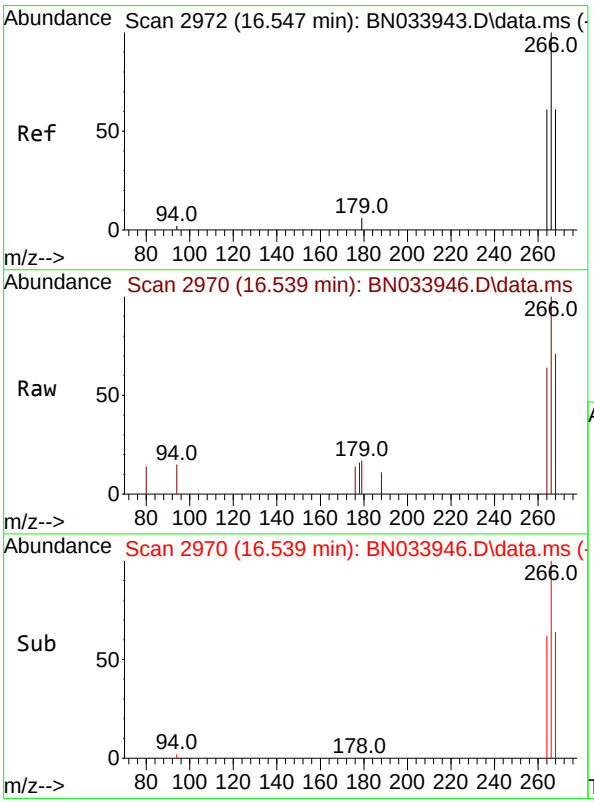
#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.188 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:166 Resp: 7638

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.1	118.7
167	14.3	11.4	17.0

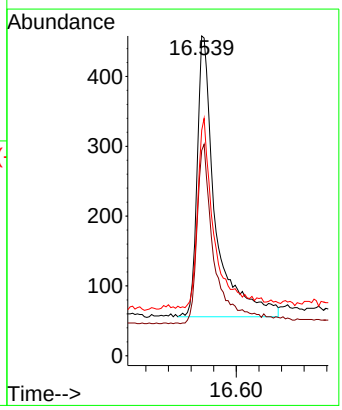


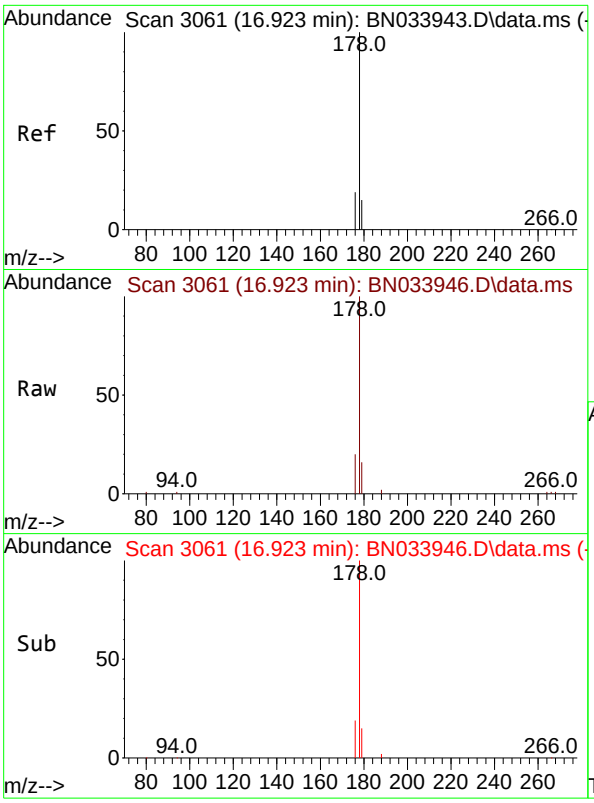


#14
Pentachlorophenol
Concen: 0.269 ng/ul
RT: 16.539 min Scan# 2970
Delta R.T. -0.004 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:266 Resp: 902

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.3	75.5
268	62.3	51.7	77.5



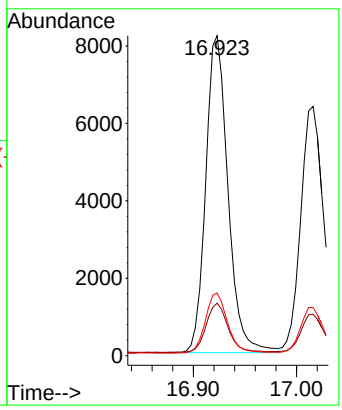


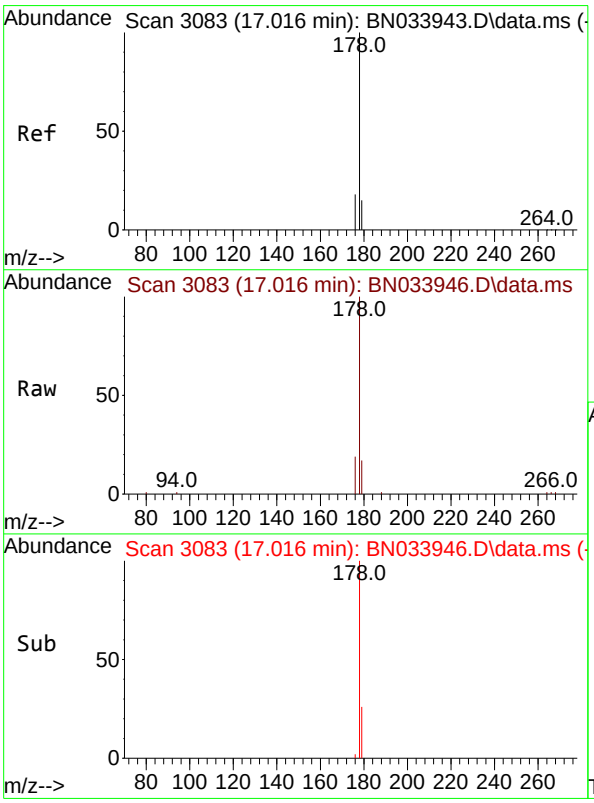
#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 16.923 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:178 Resp: 12304

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.6	15.7	23.5

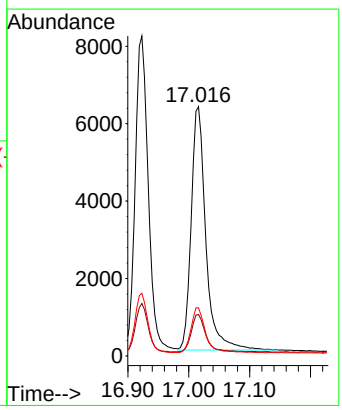


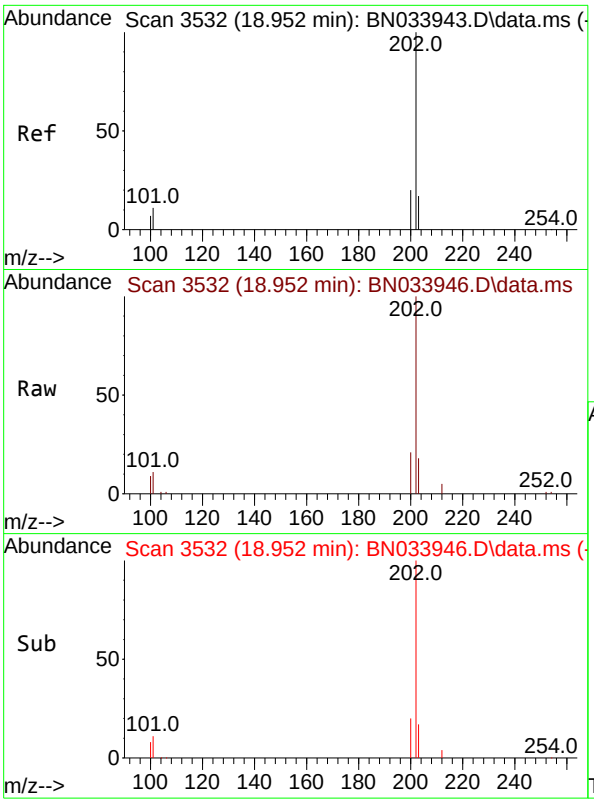


#16
Anthracene
Concen: 0.372 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:178 Resp: 10512

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.3	15.2	22.8



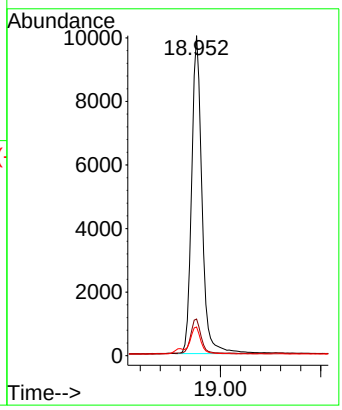


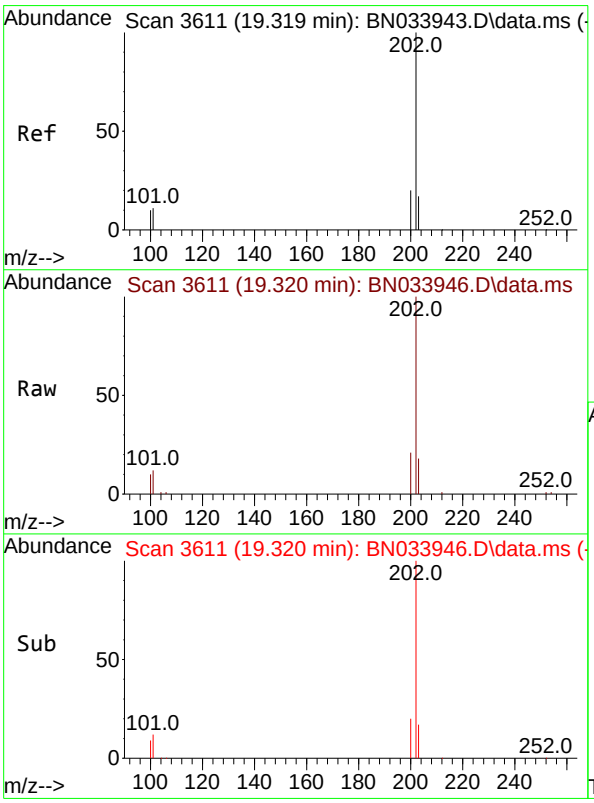
#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 18.952 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:202 Resp: 14380

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.4
100	8.9	6.7	10.1

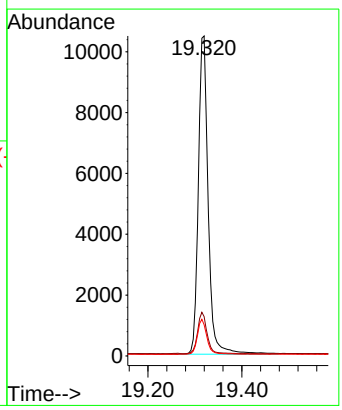


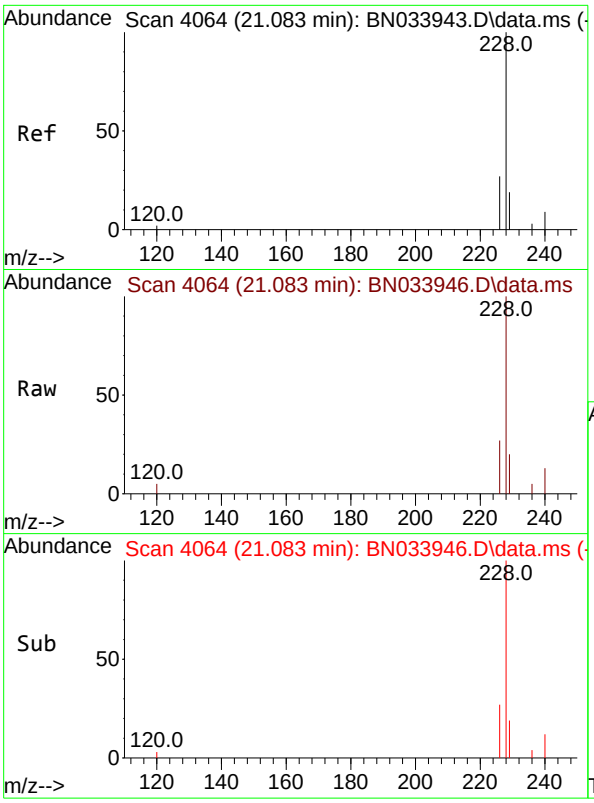


#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.320 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:202 Resp: 15156

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.8	16.2
100	9.8	8.7	13.1



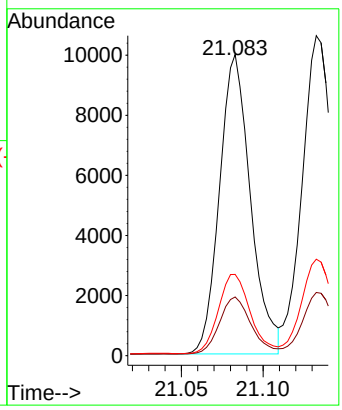


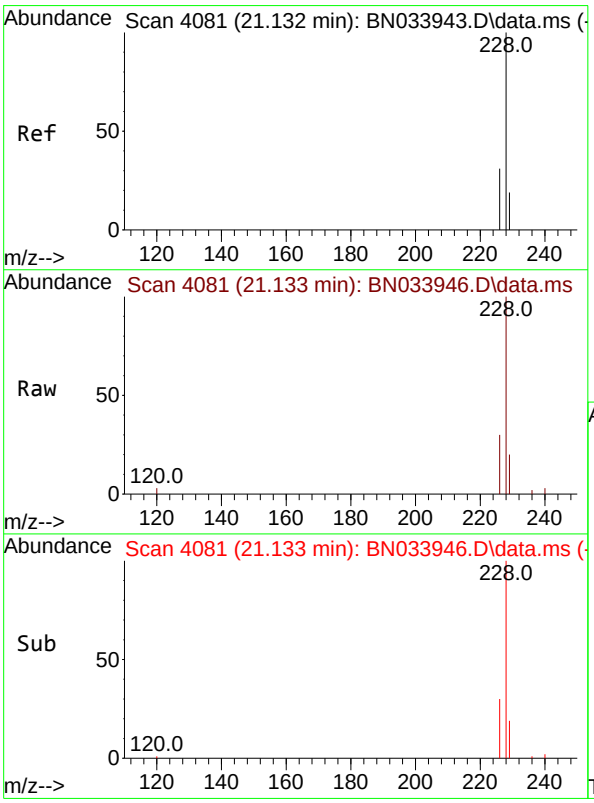
#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.083 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:228 Resp: 13197

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.2
226	27.0	22.1	33.1

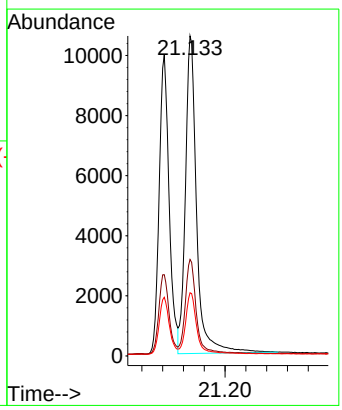


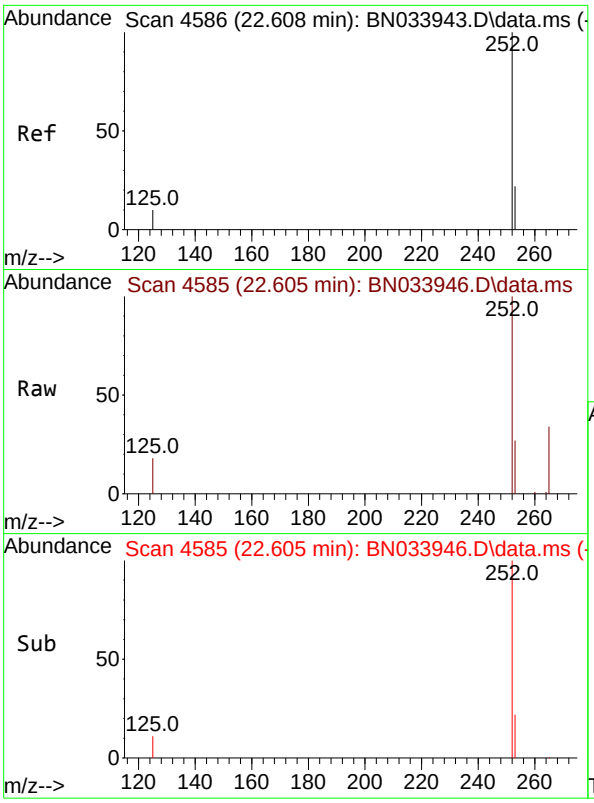


#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.133 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:228 Resp: 15797

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.6	23.4



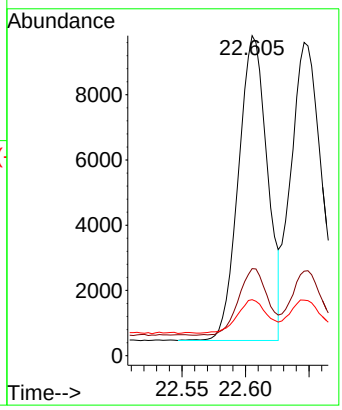


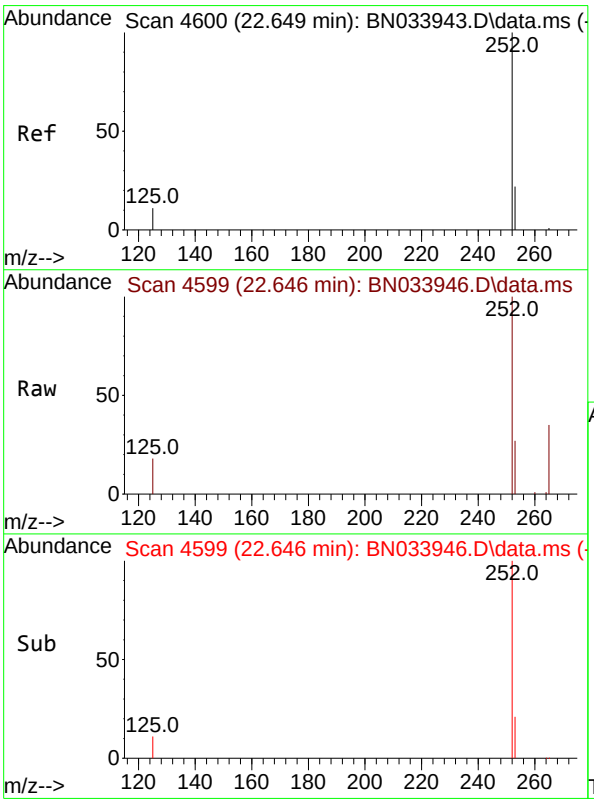
#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 22.605 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:252 Resp: 14794

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	52.8
125	17.5	0.0	36.4

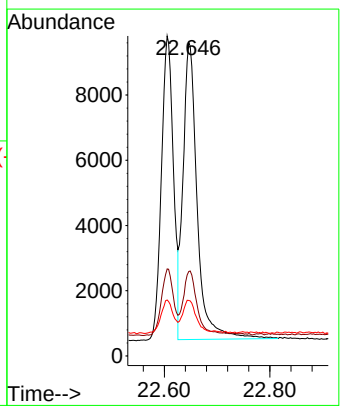


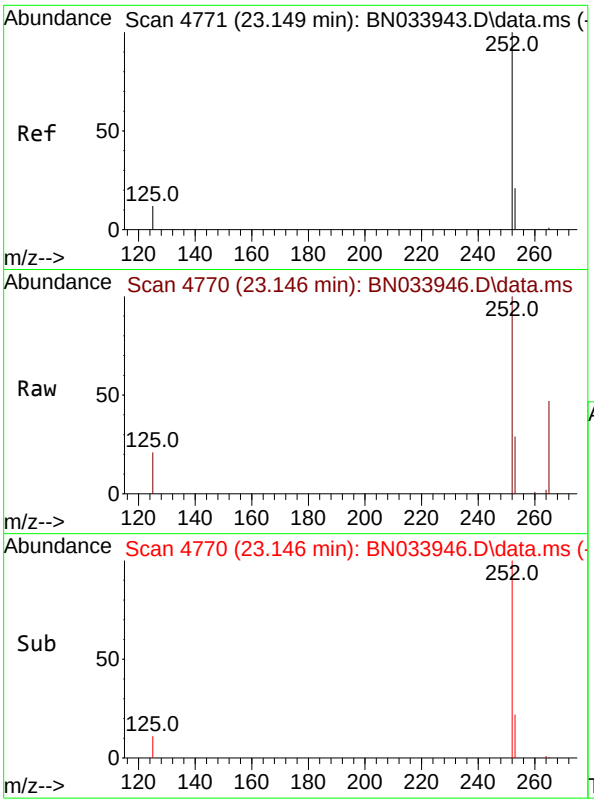


#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:252 Resp: 16937

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.4	32.0
125	17.7	15.1	22.7



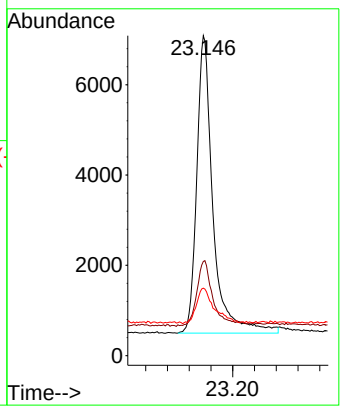


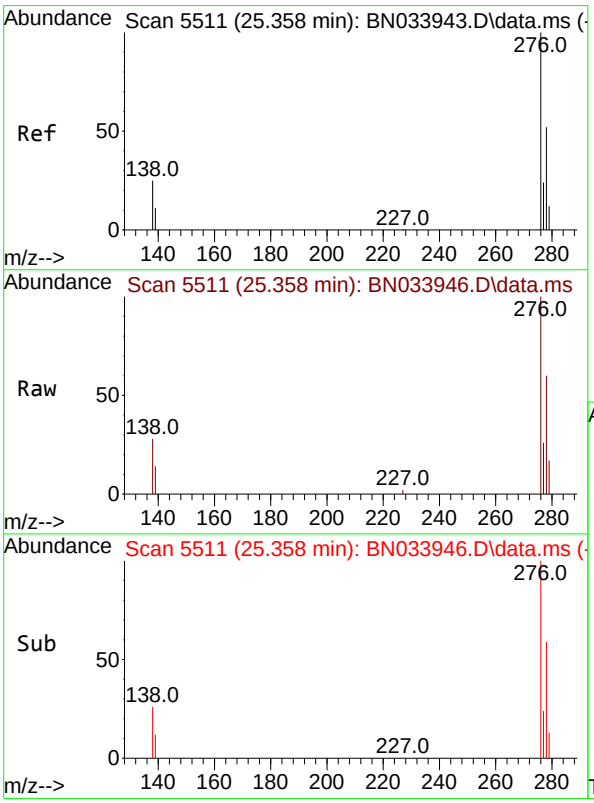
#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.146 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:252 Resp: 13637

Ion	Ratio	Lower	Upper
252	100		
253	29.5	22.8	34.2
125	21.1	18.0	27.0

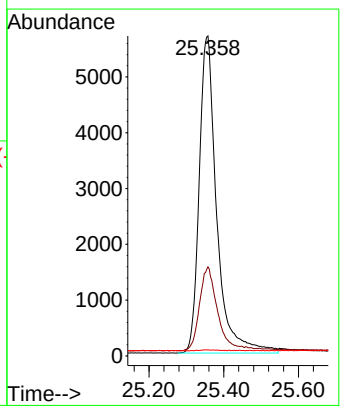


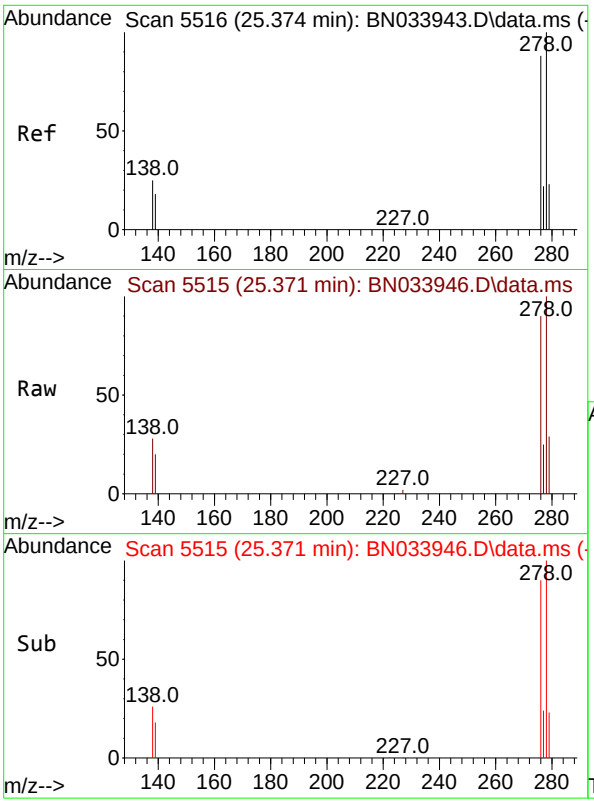


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 25.358 min Scan# 5511
Delta R.T. -0.003 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:276 Resp: 18468

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.3	33.5
227	0.2	0.2	0.4#



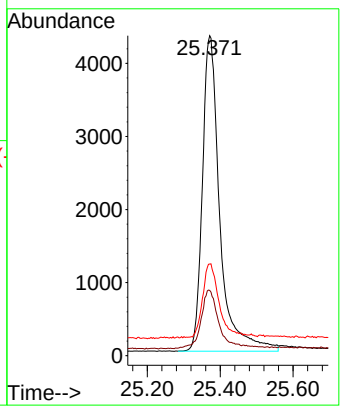


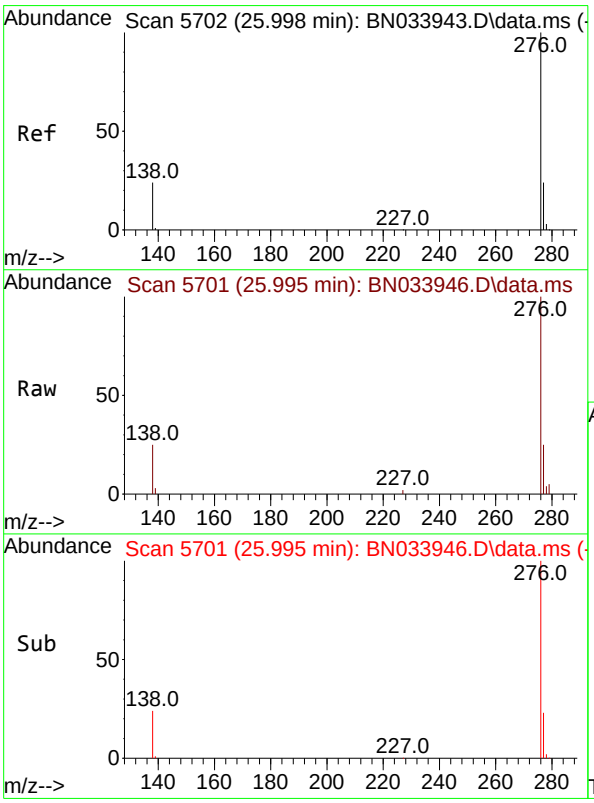
#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 25.371 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
BNA_N
ClientSampleId :
SLCS355

Tgt Ion:278 Resp: 14316

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.3	25.9
279	28.7	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 25.995 min Scan# 5701
Delta R.T. -0.007 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:276 Resp: 15175

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.8	31.2
277	24.7	20.2	30.4