Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034214.D
Acq On : 24 Sep 2024 22:58
Operator : RC/JU
Sample : PB163587BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS587

Quant Time: Sep 25 00:10:30 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 : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.423	152	5516	0.400	ng/ul		0.00
4) Naphthalene-d8	10.174	136	15297	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.069	164	7930	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.827	188	14053	0.400	ng/ul		0.00
17) Chrysene-d12	21.046	240	9048	0.400	ng/ul	#	0.00
23) Perylene-d12	23.162	264	9285	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.039	96	4547	0.802	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.780	152	7656	0.349	ng/ul		0.00
18) Fluoranthene-d10	18.870	212	11665	0.432	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.069	88	12975	2.062	ng/ul	#	78
5) Naphthalene	10.223	128	15152	0.370	ng/ul		100
7) 2-Methylnaphthalene	11.851	142	9315	0.359	ng/ul		100
8) 1-Methylnaphthalene	12.077	142	11171	0.419	ng/ul		100
10) Acenaphthylene	13.782	152	11606	0.322	ng/ul		100
11) Acenaphthene	14.134	153	9941	0.382	ng/ul		98
12) Fluorene	15.133	166	10394	0.358	ng/ul		99
14) Pentachlorophenol	16.485	266	1421	0.321	ng/ul		98
15) Phenanthrene	16.869	178	15192	0.367	ng/ul		100
16) Anthracene	16.962	178	12500	0.335	ng/ul		99
19) Fluoranthene	18.898	202	15217	0.426	ng/ul	#	95
20) Pyrene	19.265	202	15682	0.414	ng/ul		98
21) Benzo(a)anthracene	21.031	228	11647	0.327	ng/ul		99
22) Chrysene	21.081	228	14319	0.398	ng/ul		99
24) Benzo(b)fluoranthene	22.539	252	12920	0.358	ng/ul		97
25) Benzo(k)fluoranthene	22.580	252	14751	0.409	ng/ul		97
26) Benzo(a)pyrene	23.074	252	11475	0.397	ng/ul		95
27) Indeno(1,2,3-cd)pyrene	25.242	276	16032	0.369	ng/ul	#	91
28) Dibenzo(a,h)anthracene	25.258	278	12195	0.361	ng/ul		96
29) Benzo(g,h,i)perylene	25.872	276	13257	0.390	ng/ul		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
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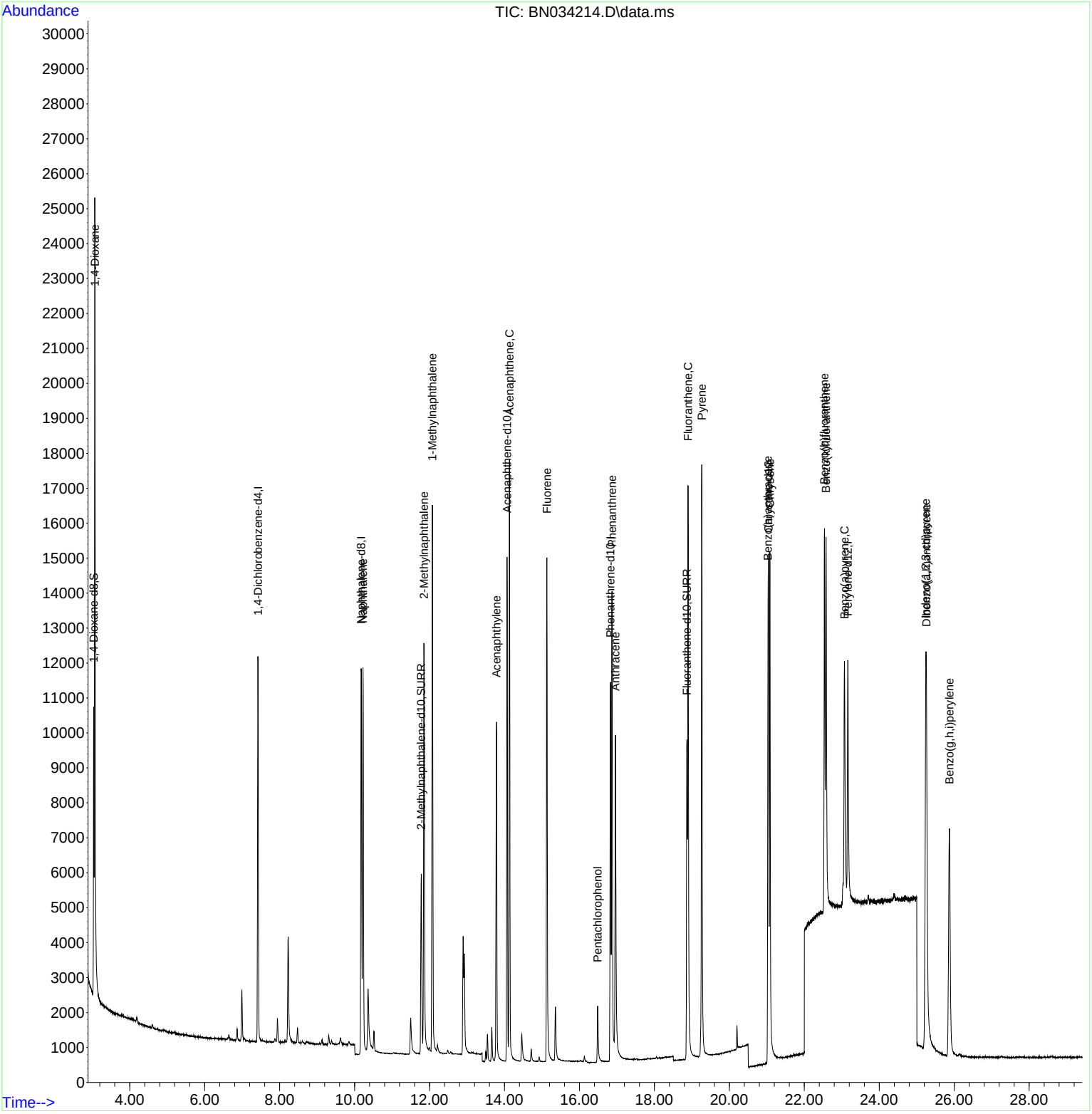
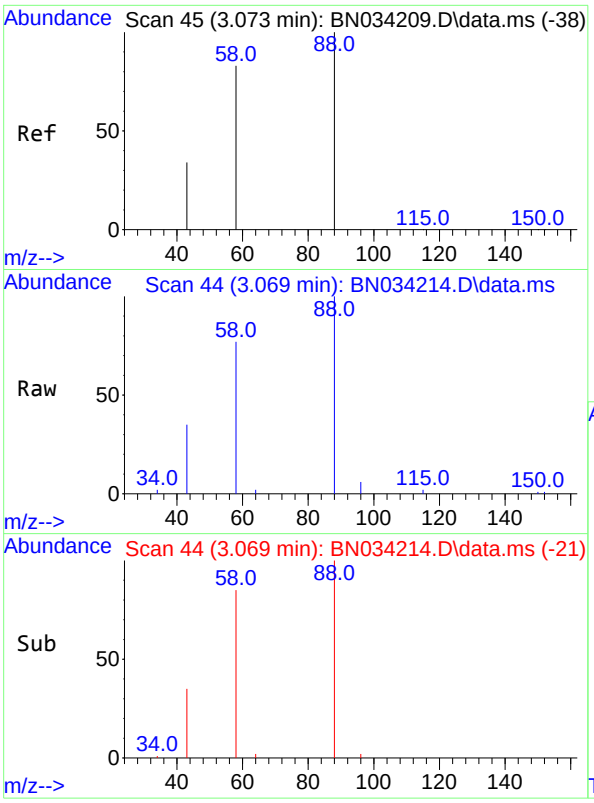


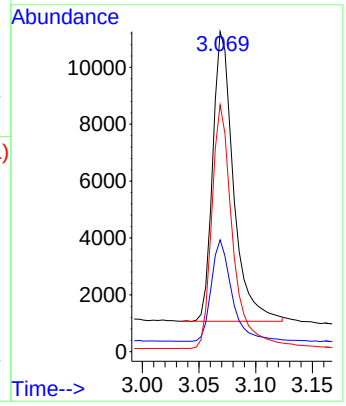


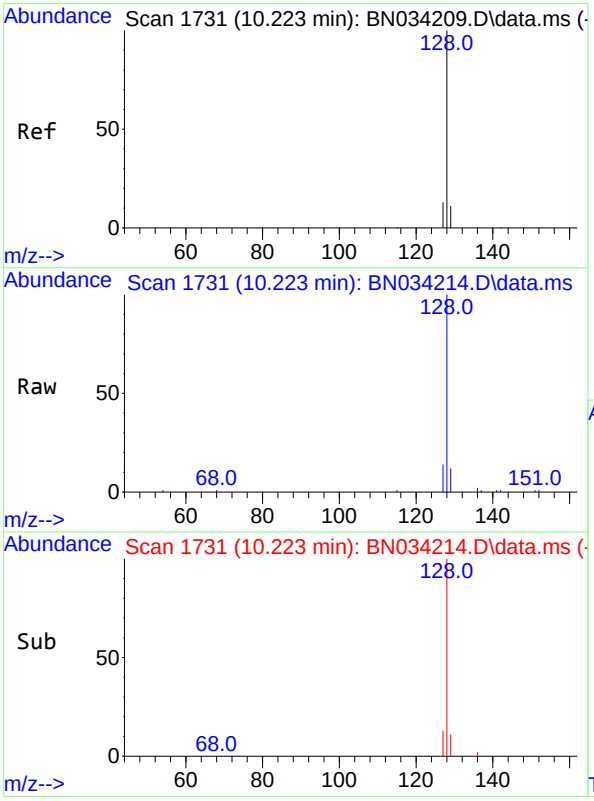
#2
1,4-Dioxane
Concen: 2.062 ng/ul
RT: 3.069 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion: 88 Resp: 12975

Ion	Ratio	Lower	Upper
88	100		
43	34.9	47.0	70.4#
58	77.1	53.0	79.4

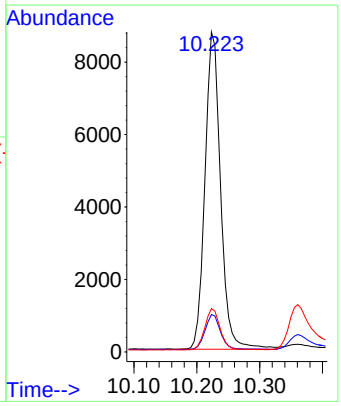


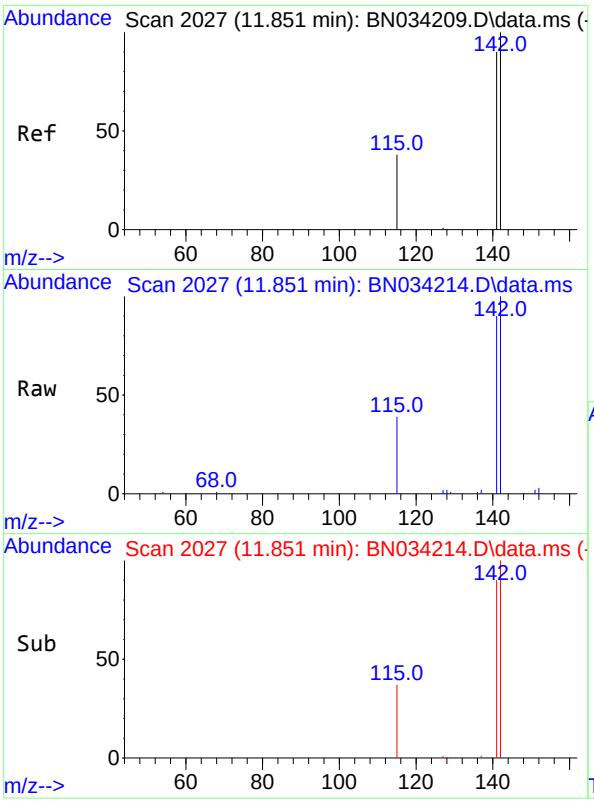


#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.223 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:128 Resp: 15152

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.6	10.8	16.2



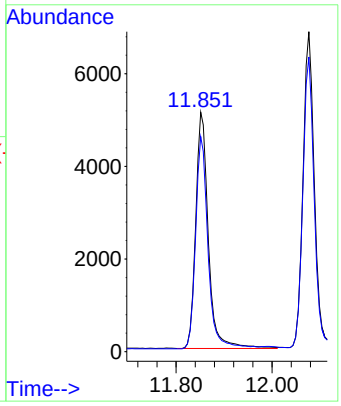


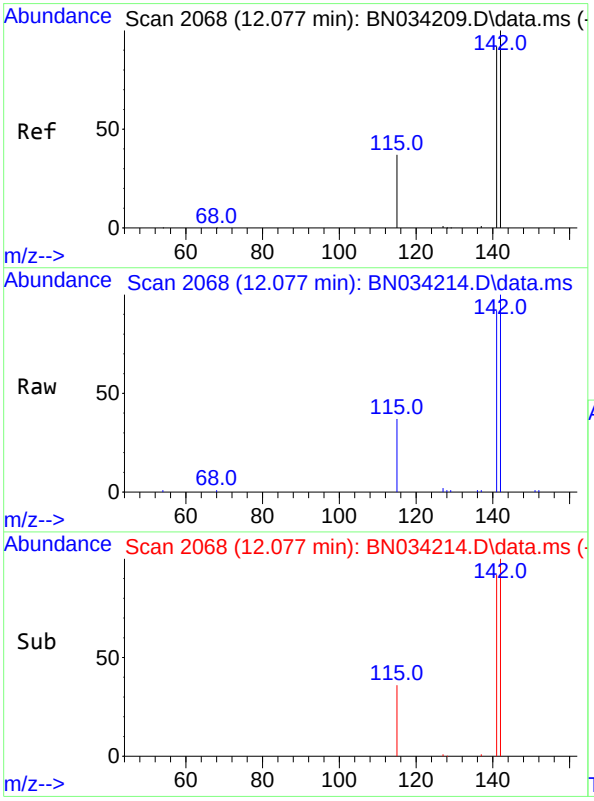
#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 11.851 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:142 Resp: 9315

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7

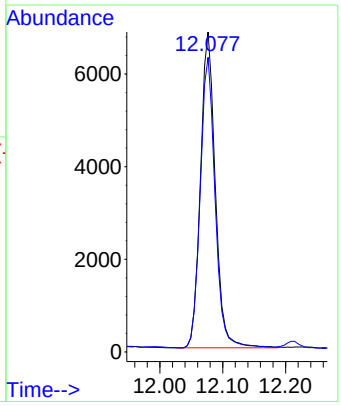


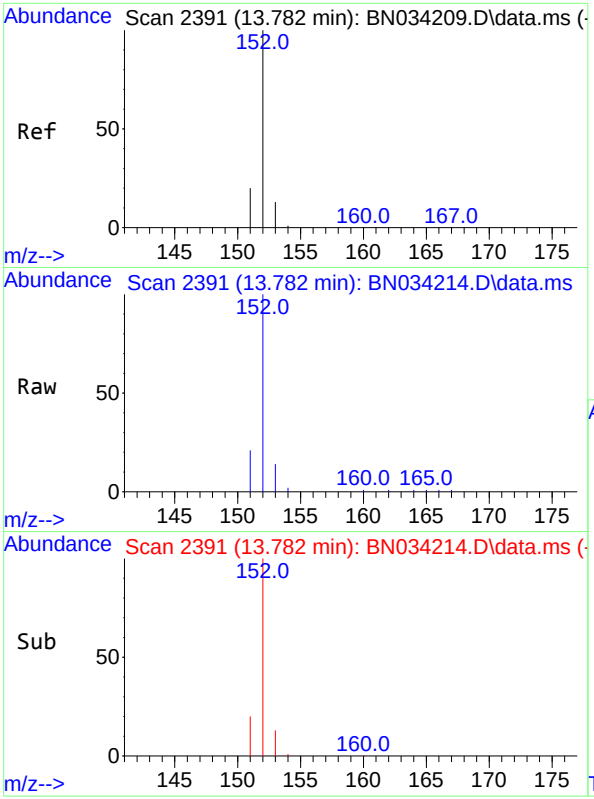


#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:142 Resp: 11171

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.6	110.4



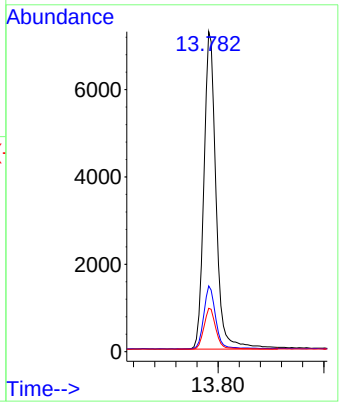


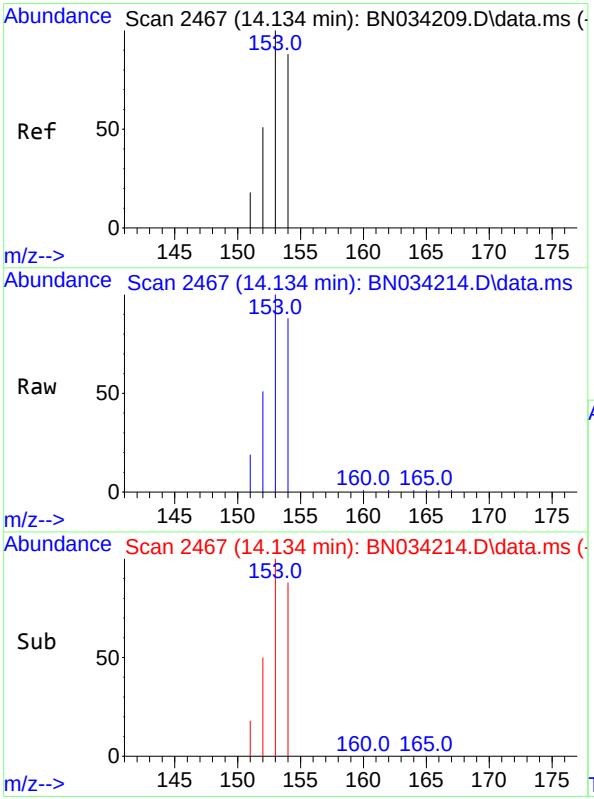
#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 13.782 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:152 Resp: 11606

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	10.8	16.2

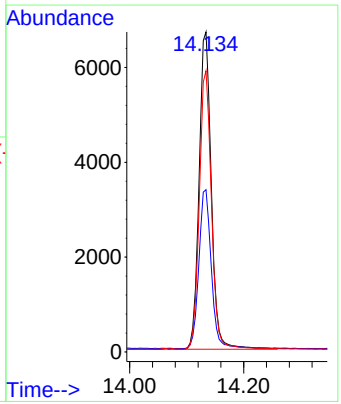


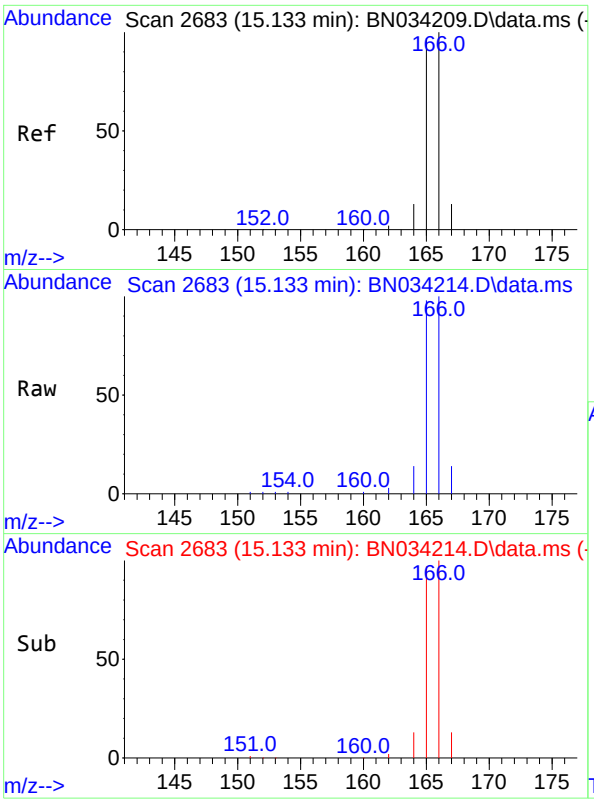


#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:153 Resp: 9941

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.8	59.8
154	87.8	69.0	103.6



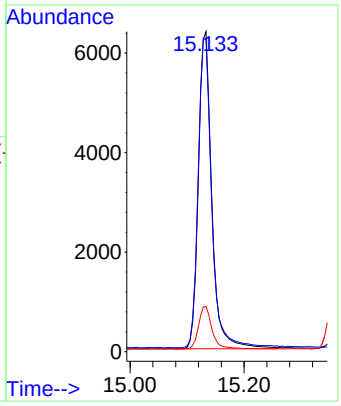


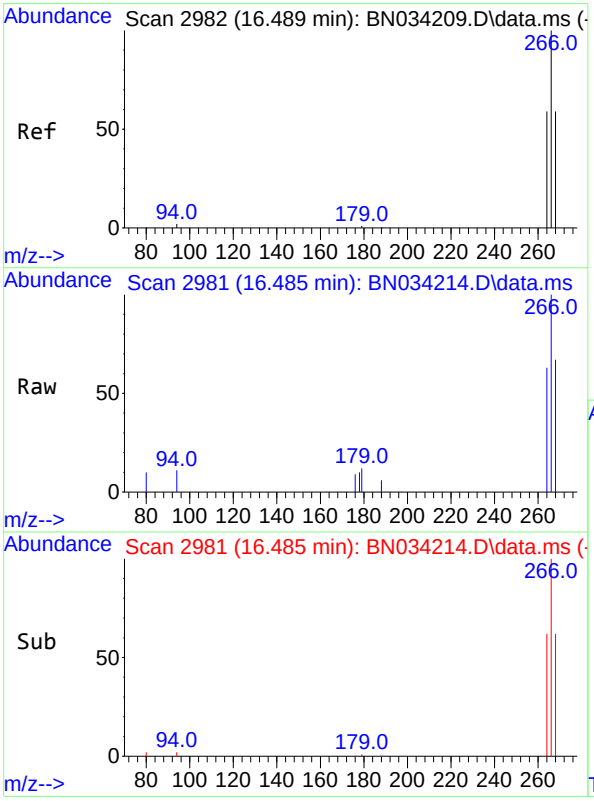
#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:166 Resp: 10394

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	14.2	11.4	17.0

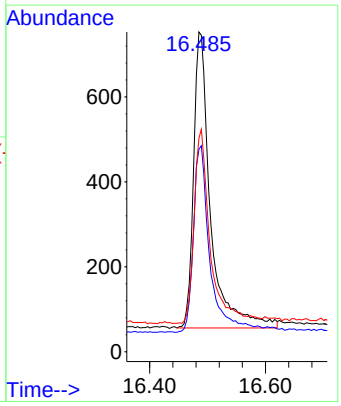


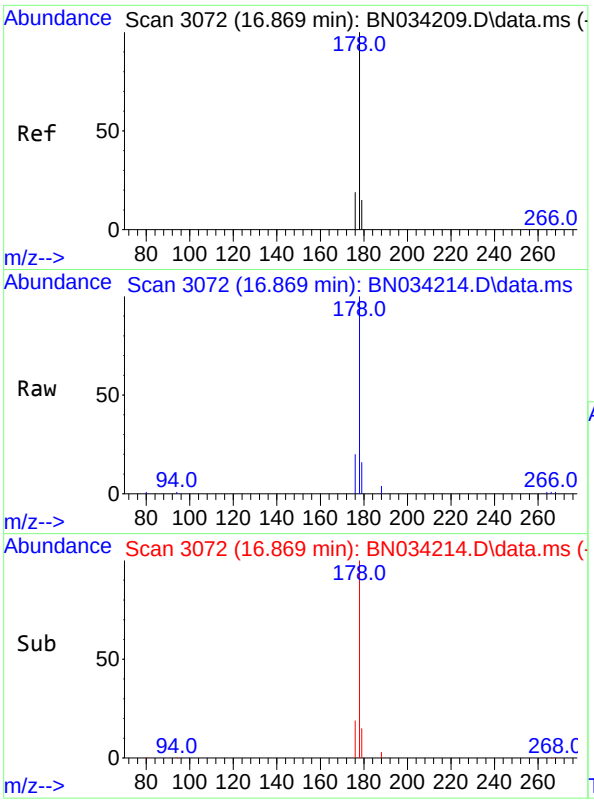


#14
Pentachlorophenol
Concen: 0.321 ng/ul
RT: 16.485 min Scan# 2981
Delta R.T. -0.004 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:266 Resp: 1421

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.3	75.5
268	62.4	51.7	77.5



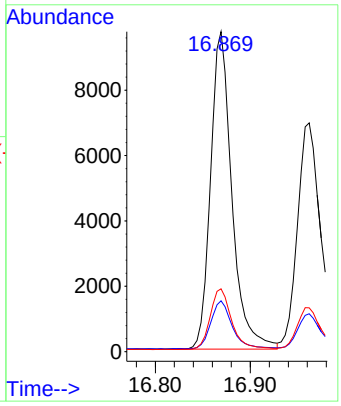


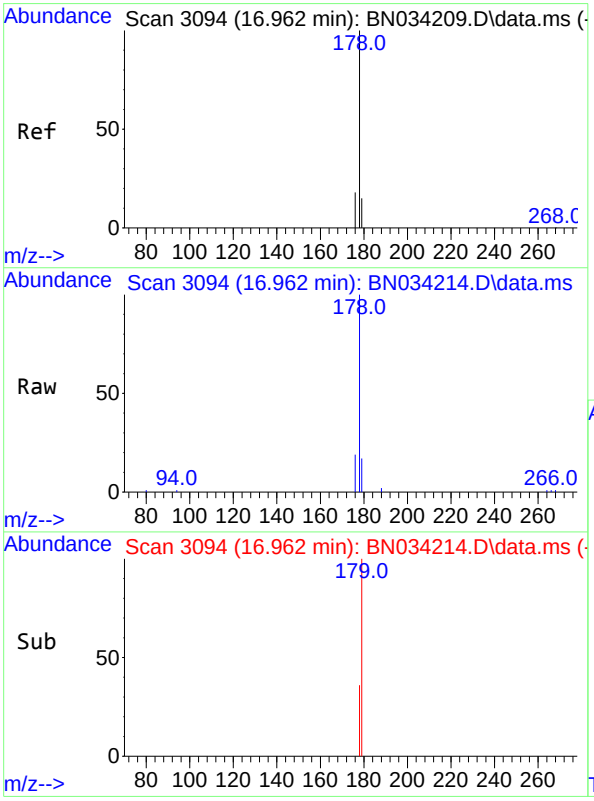
#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 16.869 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:178 Resp: 15192

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.6	15.7	23.5

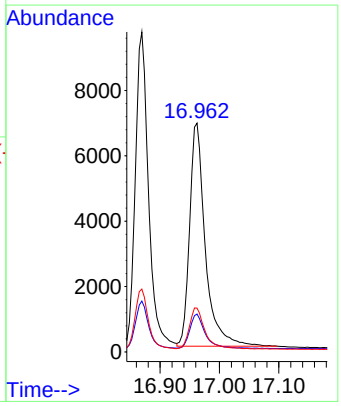


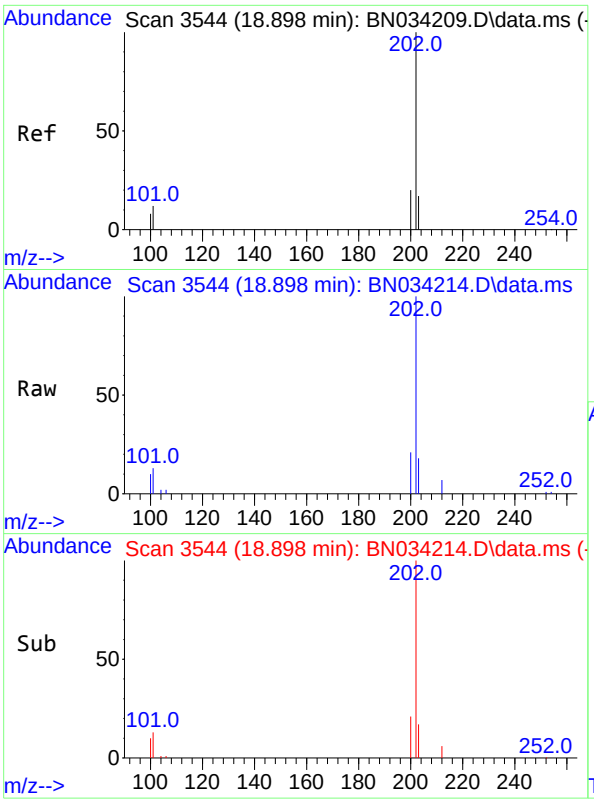


#16
Anthracene
Concen: 0.335 ng/ul
RT: 16.962 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:178 Resp: 12500

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.2	15.2	22.8



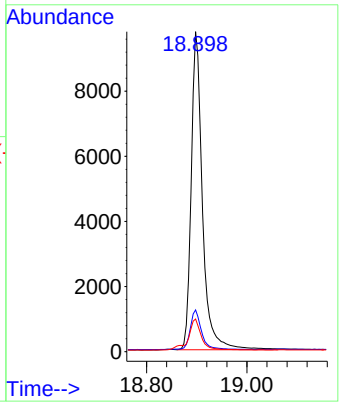


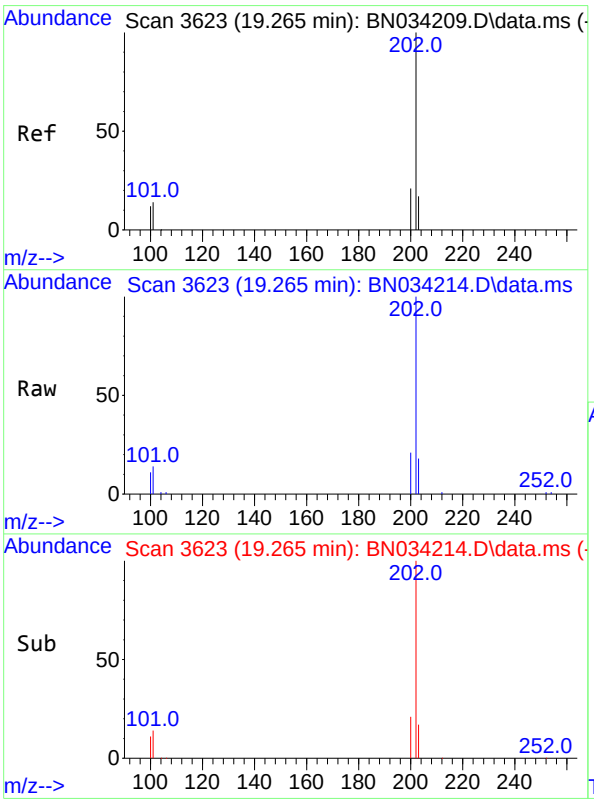
#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 18.898 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:202 Resp: 15217

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.0	13.4
100	10.2	6.7	10.1#

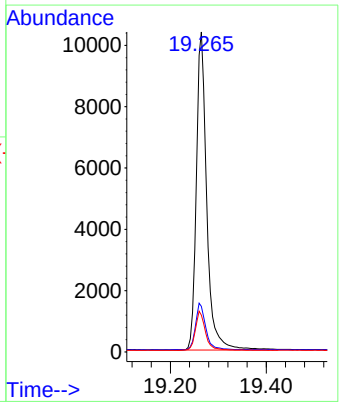


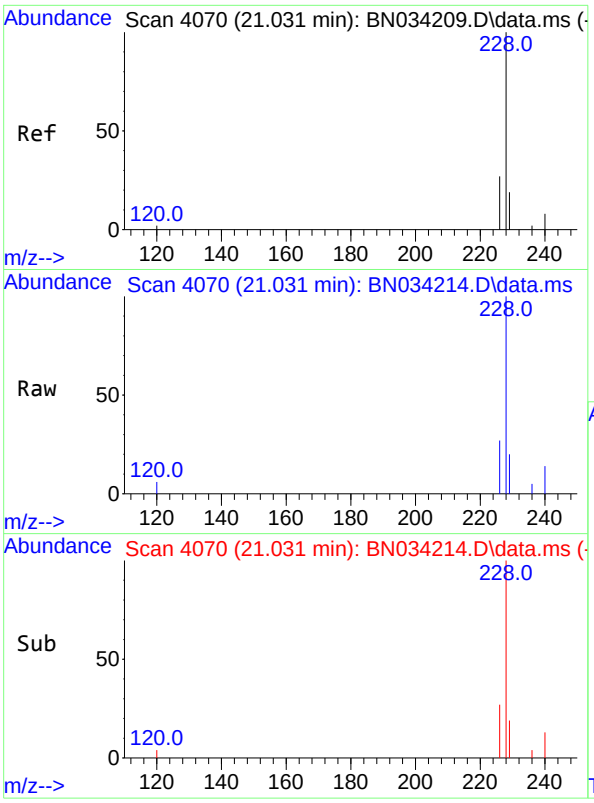


#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.265 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:202 Resp: 15682

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.8	16.2
100	11.5	8.7	13.1



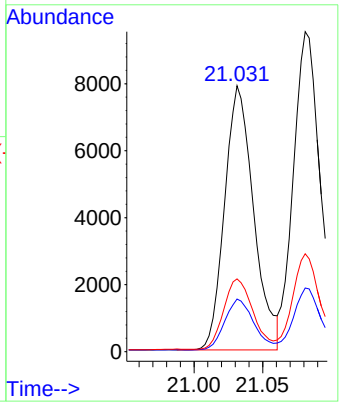


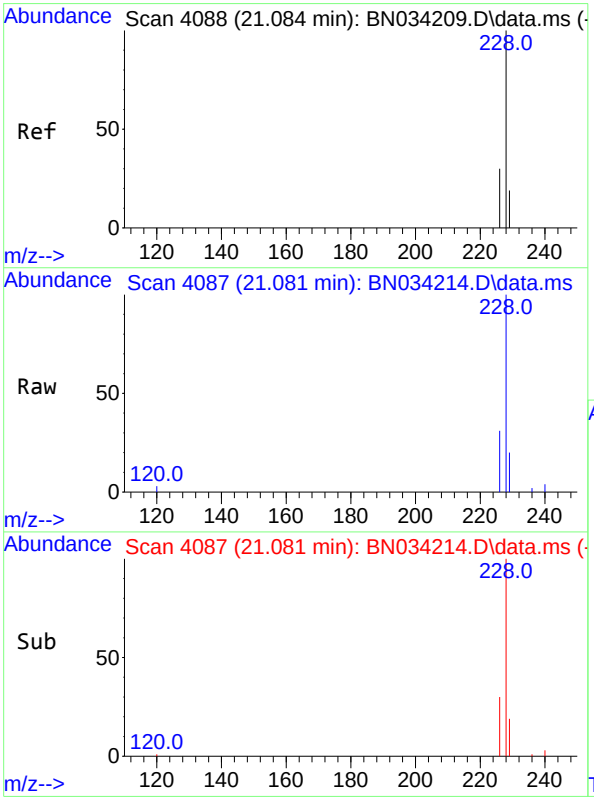
#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.031 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:228 Resp: 11647

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.2
226	27.4	22.1	33.1

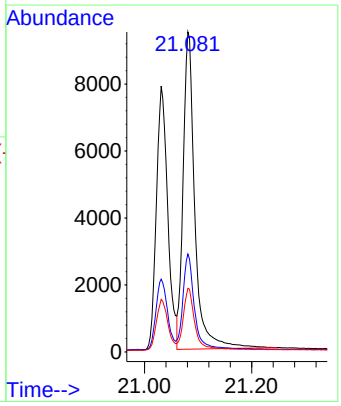


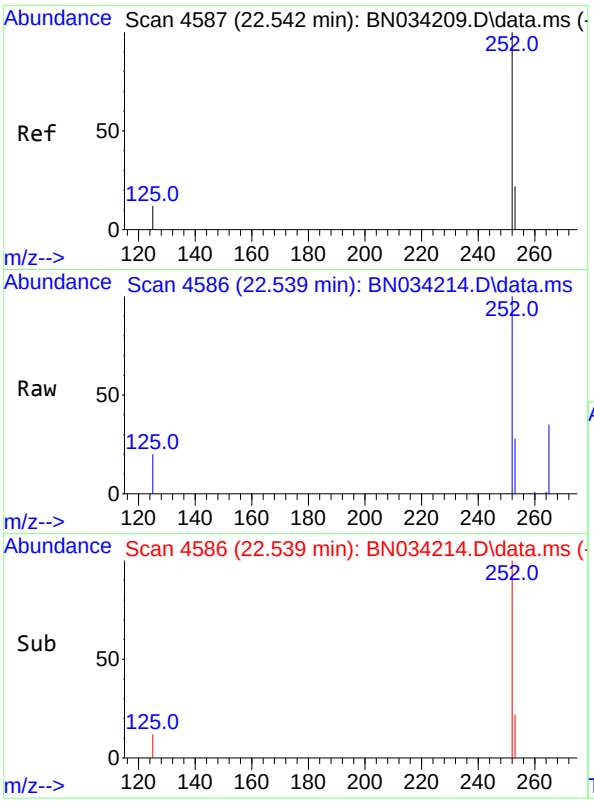


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.081 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:228 Resp: 14319

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.9	15.6	23.4



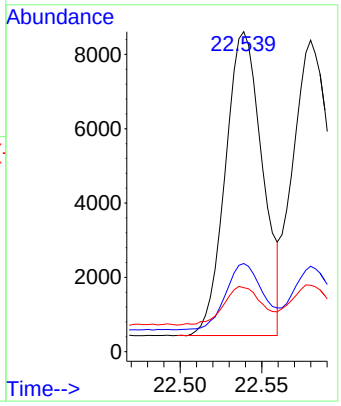


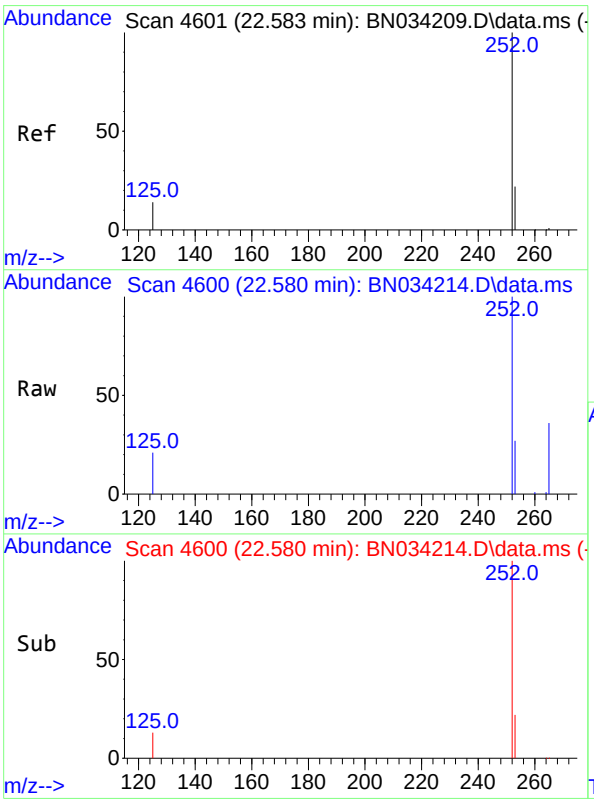
#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.539 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:252 Resp: 12920

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	52.8
125	20.0	0.0	36.4

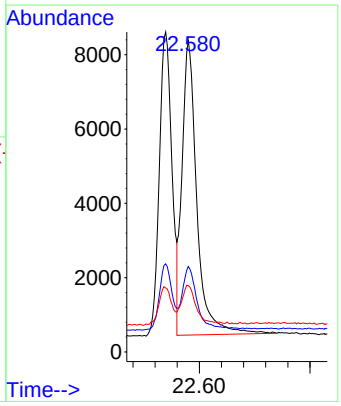


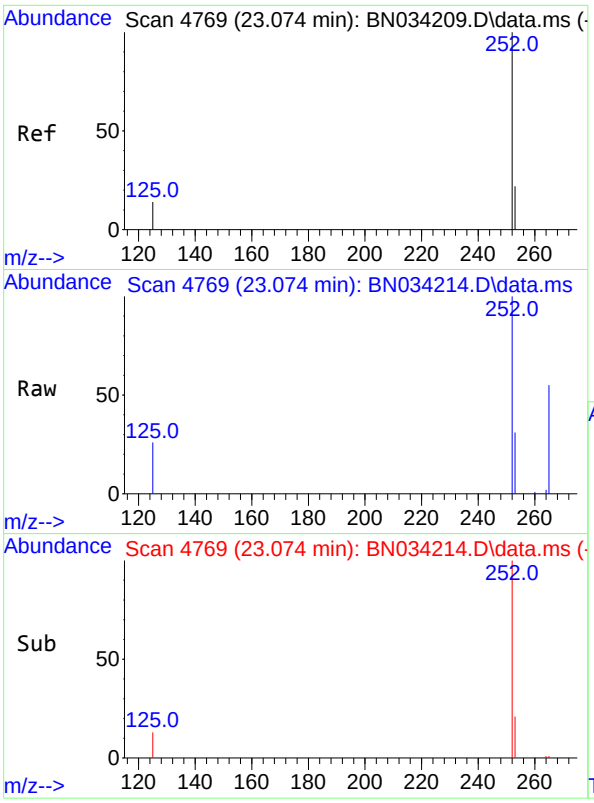


#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 22.580 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:252 Resp: 14751

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.4	32.0
125	21.3	15.1	22.7



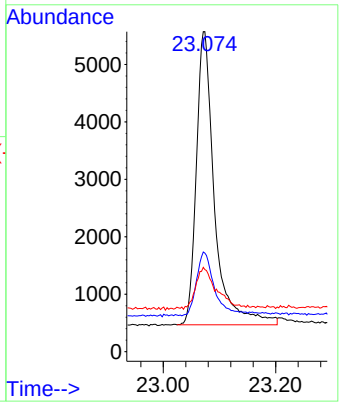


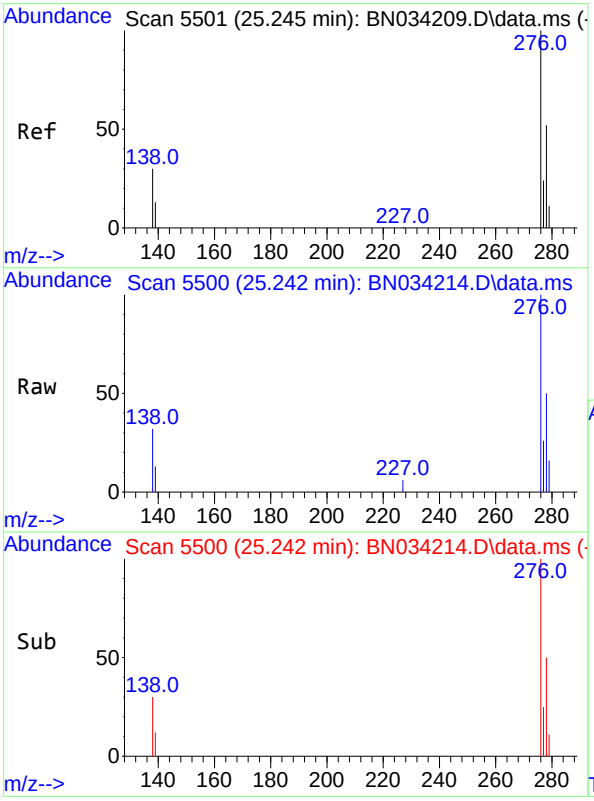
#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.074 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:252 Resp: 11475

Ion	Ratio	Lower	Upper
252	100		
253	30.8	22.8	34.2
125	25.6	18.0	27.0

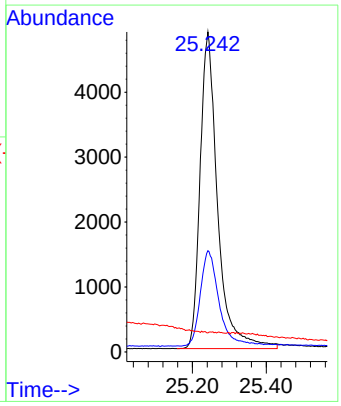


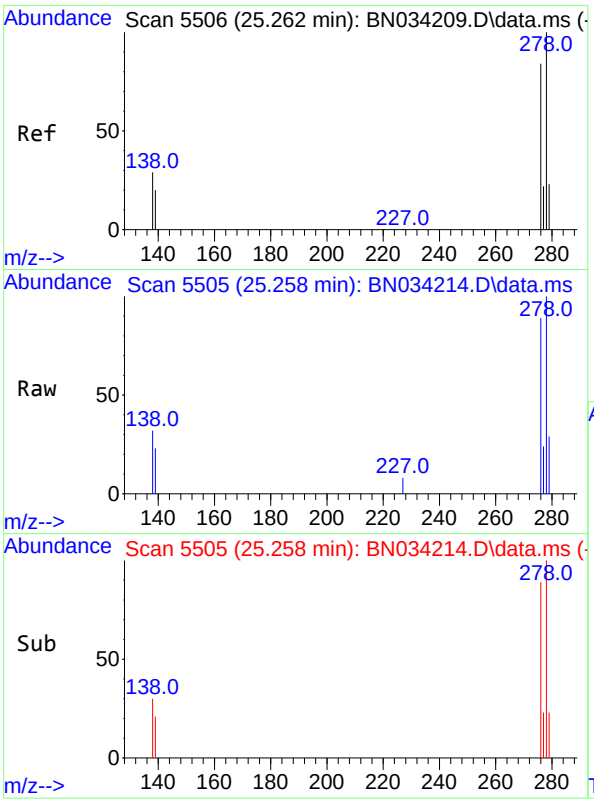


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.242 min Scan# 5500
Delta R.T. -0.007 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:276 Resp: 16032

Ion	Ratio	Lower	Upper
276	100		
138	32.4	22.3	33.5
227	0.0	0.2	0.4#



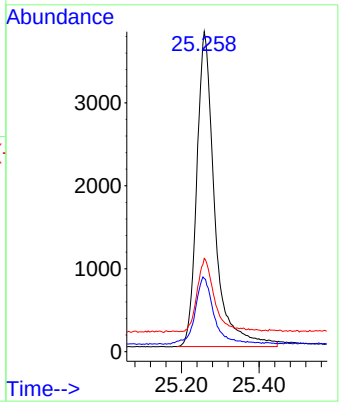


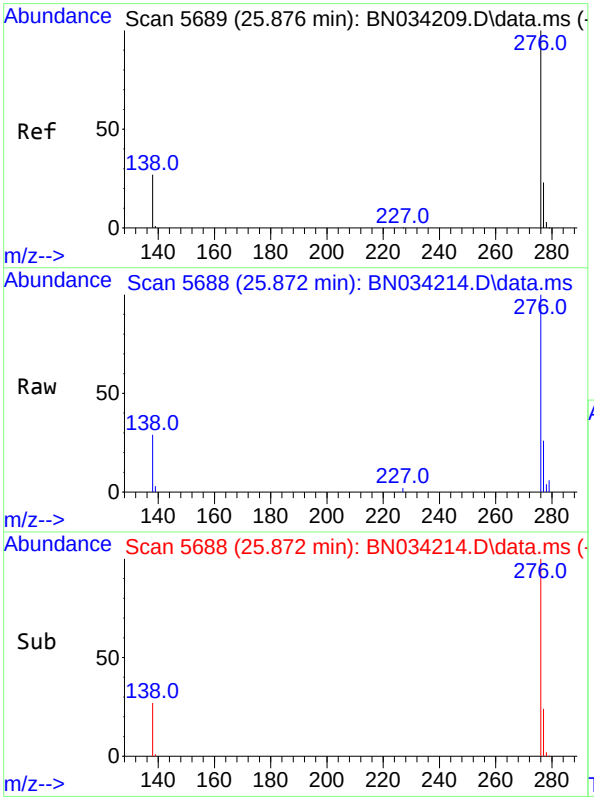
#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 25.258 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:278 Resp: 12195

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.3	25.9
279	29.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 25.872 min Scan# 5688
Delta R.T. -0.010 min
Lab File: BN034214.D
Acq: 24 Sep 2024 22:58

Tgt Ion:276 Resp: 13257

Ion	Ratio	Lower	Upper
276	100		
138	29.1	20.8	31.2
277	25.8	20.2	30.4