Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034208.D
Acq On : 24 Sep 2024 18:45
Operator : RC/JU
Sample : PB163542BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS542

Quant Time: Sep 24 23:21:24 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	5645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.174	136	16044	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.069	164	8485	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.827	188	15009	0.400	ng/ul	0.00
17) Chrysene-d12	21.046	240	9444	0.400	ng/ul	# 0.00
23) Perylene-d12	23.162	264	9606	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	4996	0.861	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	8673	0.377	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	13331	0.473	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	14781	2.295	ng/ul#	78
5) Naphthalene	10.223	128	17112	0.399	ng/ul	100
7) 2-Methylnaphthalene	11.851	142	10862	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.077	142	13020	0.466	ng/ul	100
10) Acenaphthylene	13.782	152	13619	0.353	ng/ul	100
11) Acenaphthene	14.134	153	11601	0.417	ng/ul	99
12) Fluorene	15.129	166	12265	0.395	ng/ul	99
14) Pentachlorophenol	16.485	266	1628	0.345	ng/ul	97
15) Phenanthrene	16.869	178	17847	0.403	ng/ul	99
16) Anthracene	16.962	178	14970	0.376	ng/ul	100
19) Fluoranthene	18.898	202	17673	0.474	ng/ul	95
20) Pyrene	19.265	202	18127	0.458	ng/ul	98
21) Benzo(a)anthracene	21.031	228	13423	0.361	ng/ul	99
22) Chrysene	21.081	228	16243	0.432	ng/ul	100
24) Benzo(b)fluoranthene	22.539	252	14509	0.389	ng/ul	98
25) Benzo(k)fluoranthene	22.580	252	16333	0.438	ng/ul	99
26) Benzo(a)pyrene	23.074	252	12937	0.432	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.245	276	18118	0.403	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.255	278	13823	0.396	ng/ul	97
29) Benzo(g,h,i)perylene	25.869	276	15051	0.428	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034208.D
Acq On : 24 Sep 2024 18:45
Operator : RC/JU
Sample : PB163542BS
Misc :
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Instrument :
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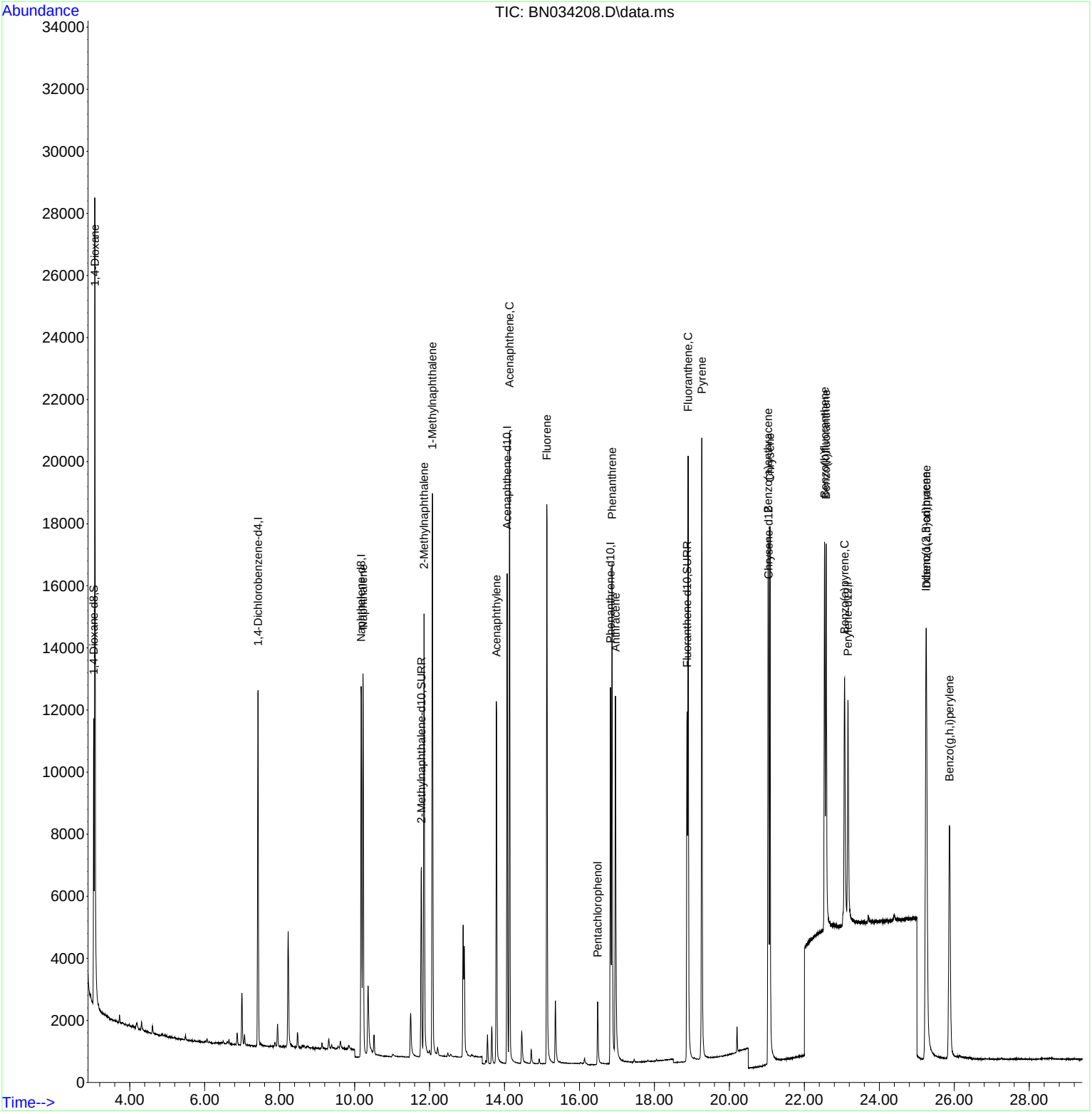
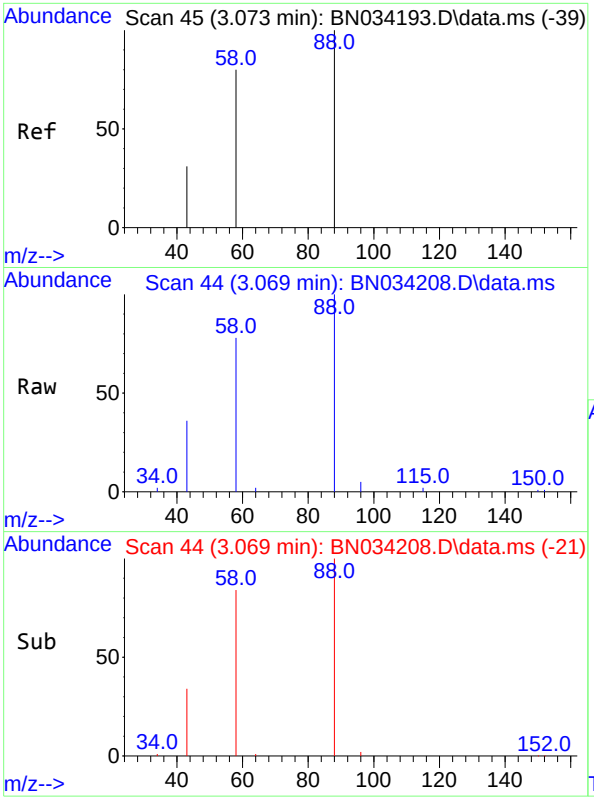
Quant Time: Sep 24 23:21:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration



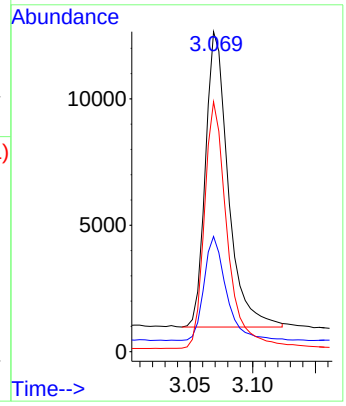


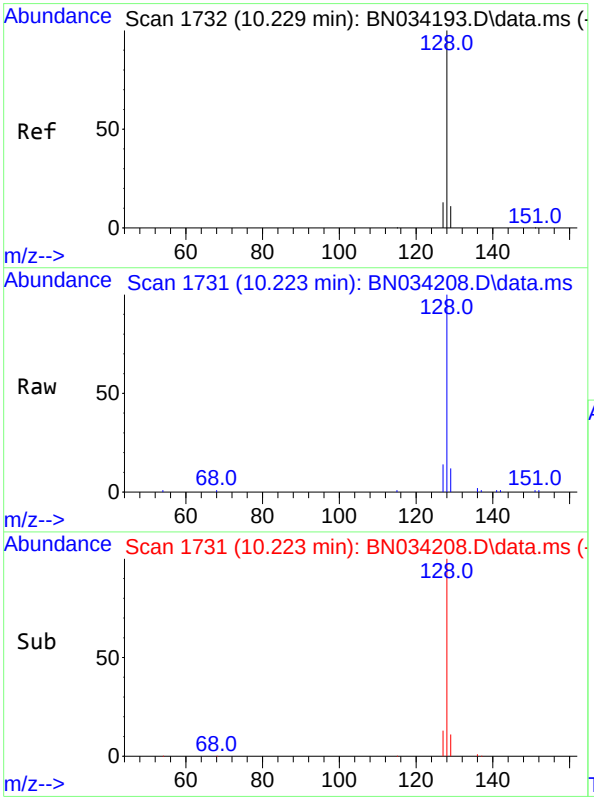
#2
1,4-Dioxane
Concen: 2.295 ng/ul
RT: 3.069 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion: 88 Resp: 14781

Ion	Ratio	Lower	Upper
88	100		
43	36.0	47.0	70.4#
58	78.1	53.0	79.4

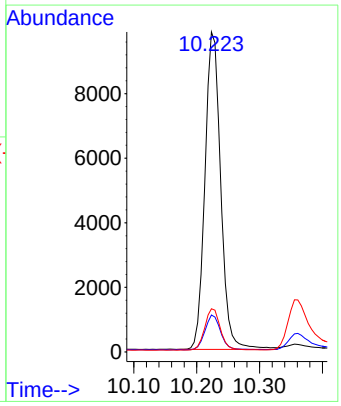


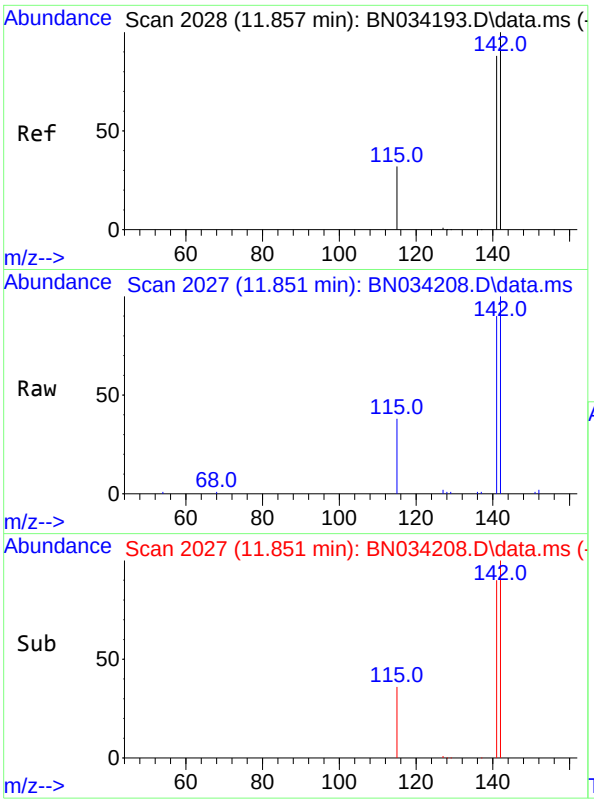


#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.223 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:128 Resp: 17112

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	10.8	16.2



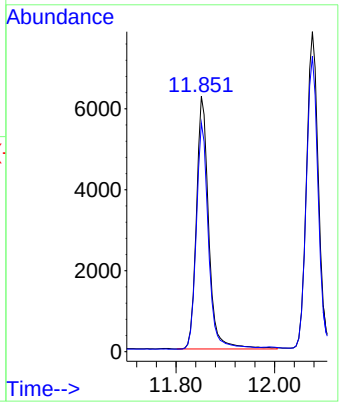


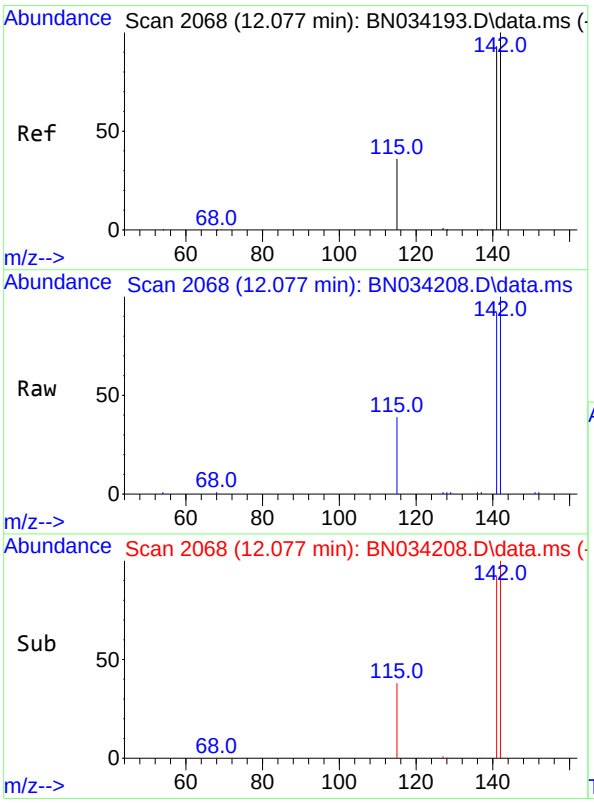
#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 11.851 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:142 Resp: 10862

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.1	106.7

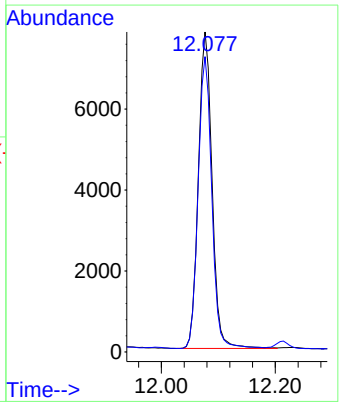


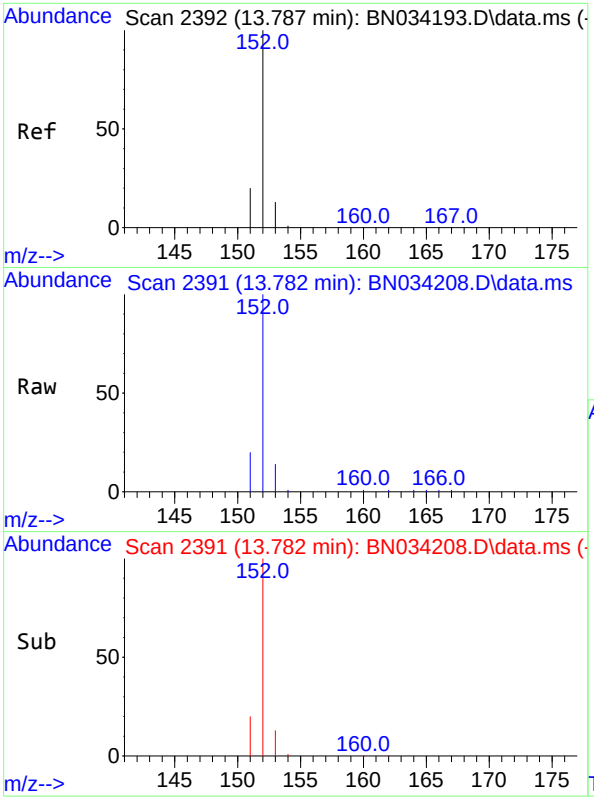


#8
1-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:142 Resp: 13020

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.6	110.4



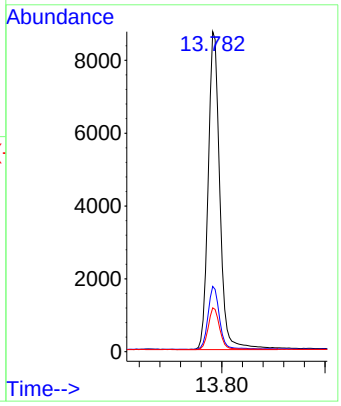


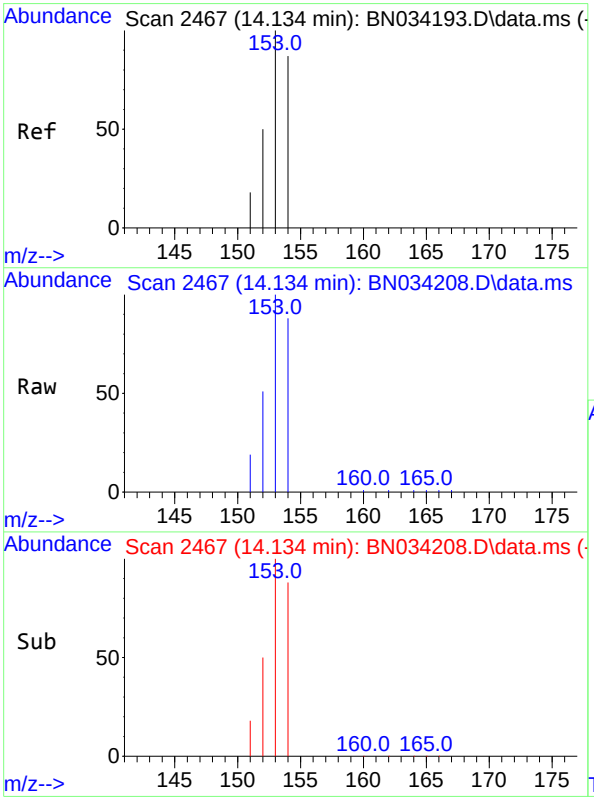
#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 13.782 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:152 Resp: 13619

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.7	10.8	16.2

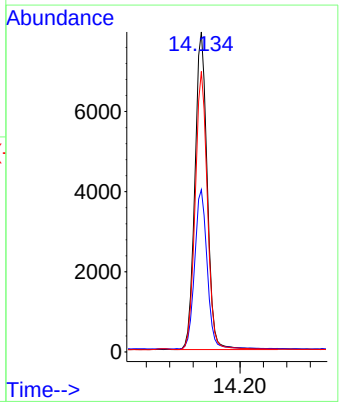


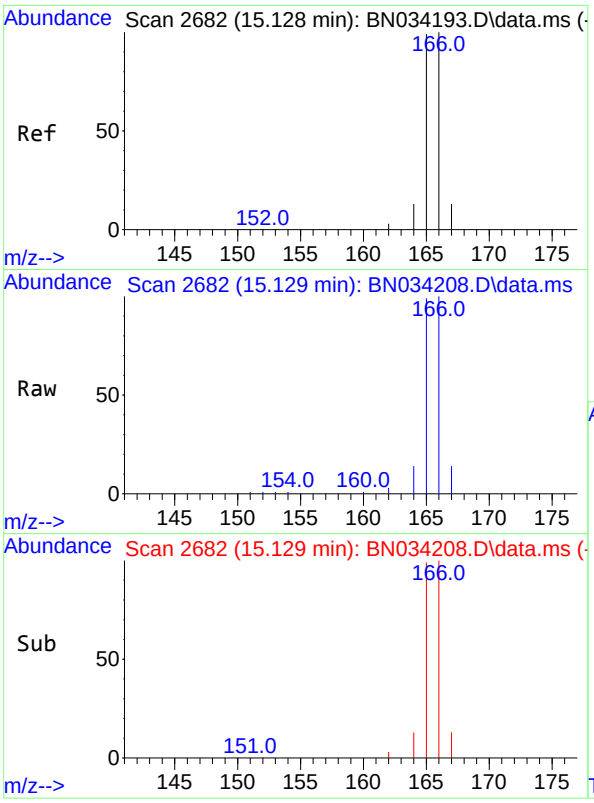


#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:153 Resp: 11601

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.8	59.8
154	87.6	69.0	103.6



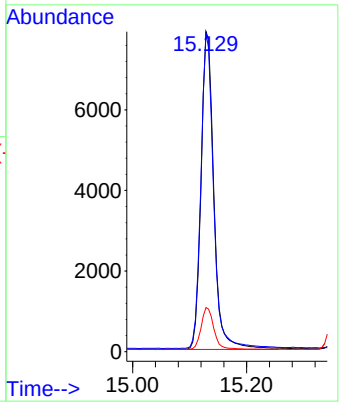


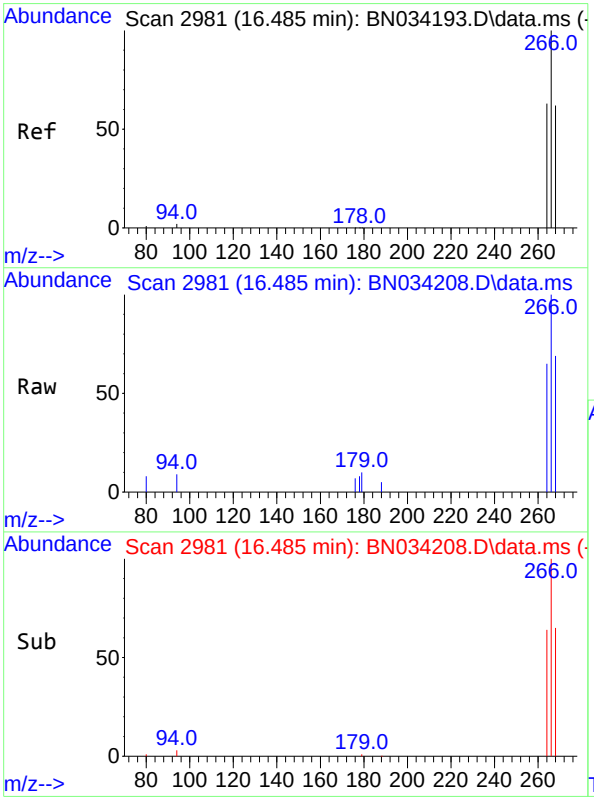
#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.129 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:166 Resp: 12265

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.1	118.7
167	13.8	11.4	17.0

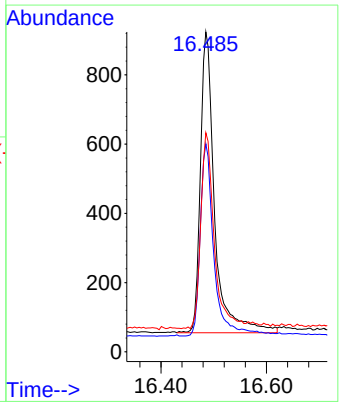


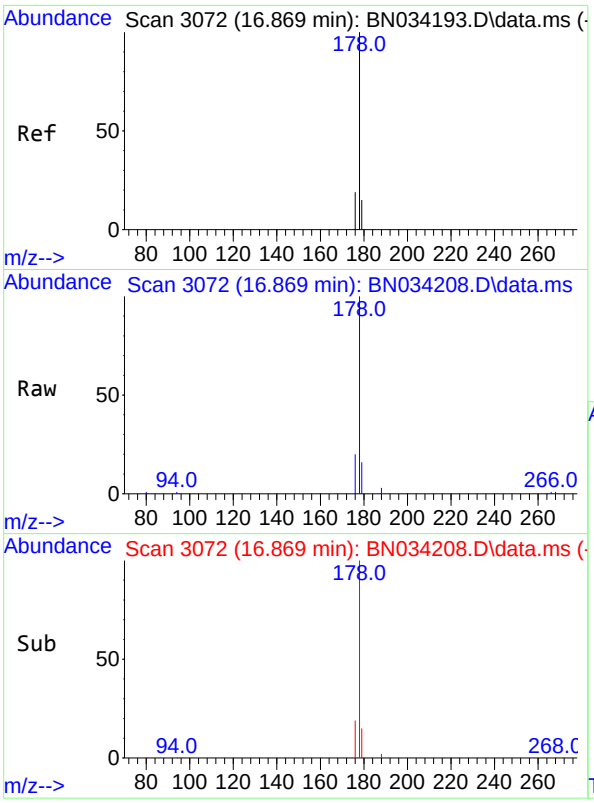


#14
Pentachlorophenol
Concen: 0.345 ng/ul
RT: 16.485 min Scan# 2981
Delta R.T. -0.004 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:266 Resp: 1628

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.3	75.5
268	61.4	51.7	77.5



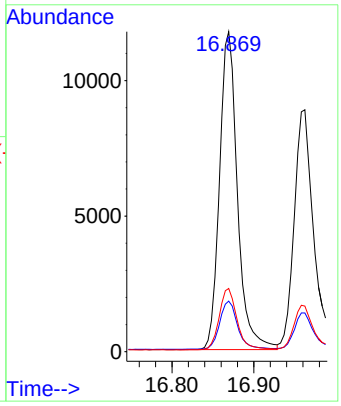


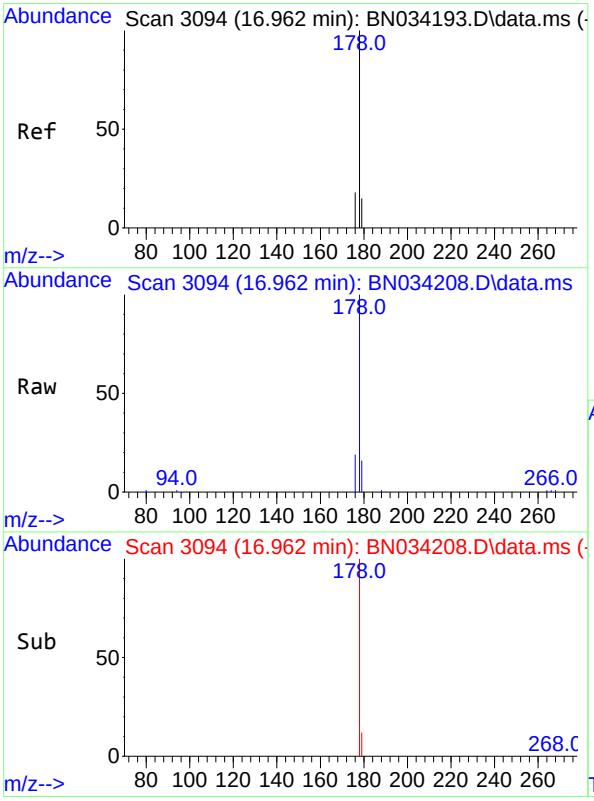
#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 16.869 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:178 Resp: 17847

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.7	15.7	23.5

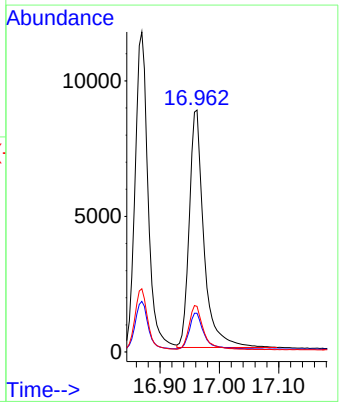


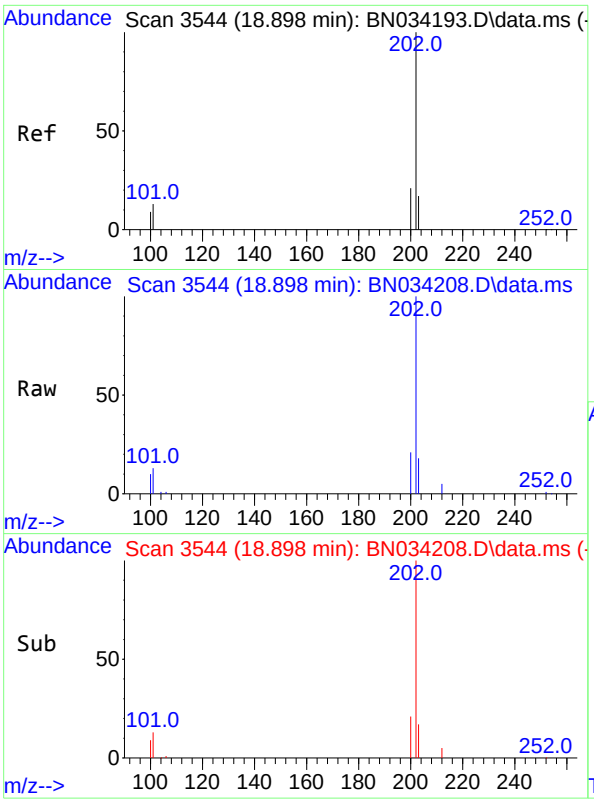


#16
Anthracene
Concen: 0.376 ng/ul
RT: 16.962 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:178 Resp: 14970

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	18.9	15.2	22.8



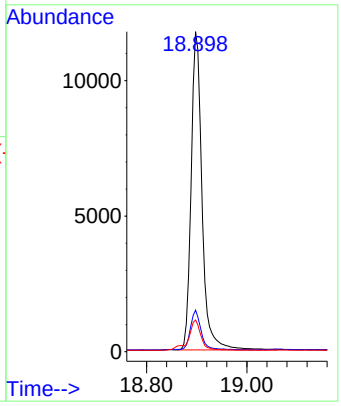


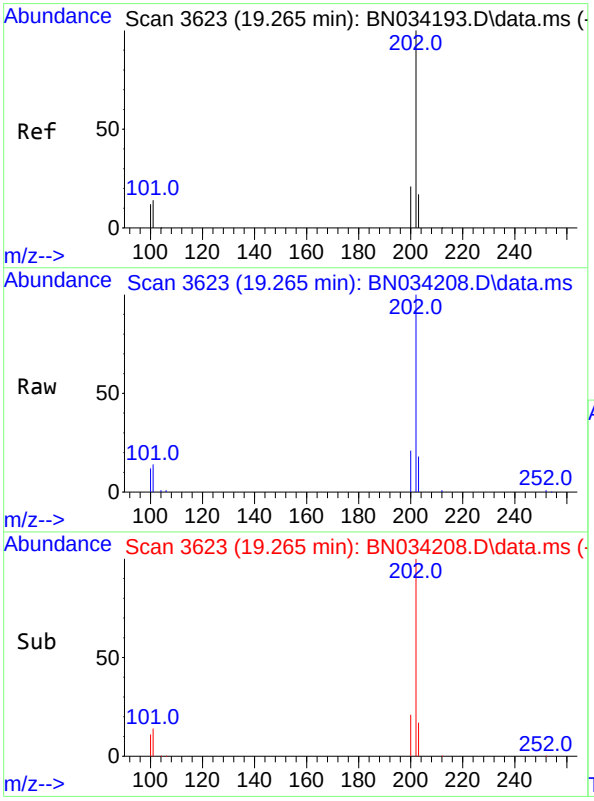
#19
Fluoranthene
Concen: 0.474 ng/ul
RT: 18.898 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:202 Resp: 17673

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.0	13.4
100	9.9	6.7	10.1

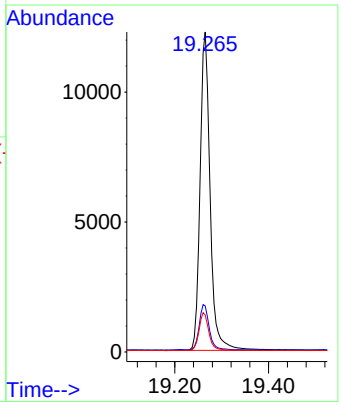


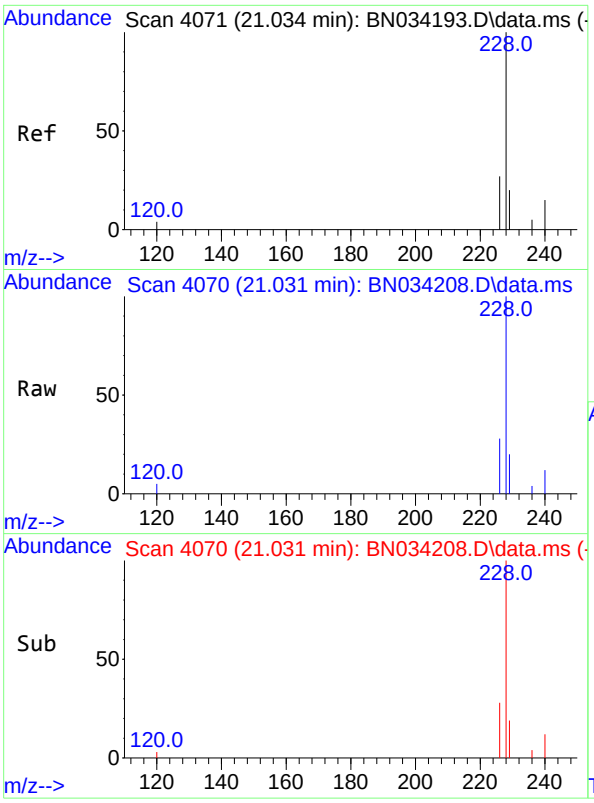


#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.265 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:202 Resp: 18127

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.8	16.2
100	11.5	8.7	13.1



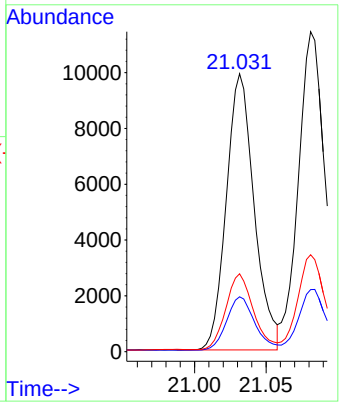


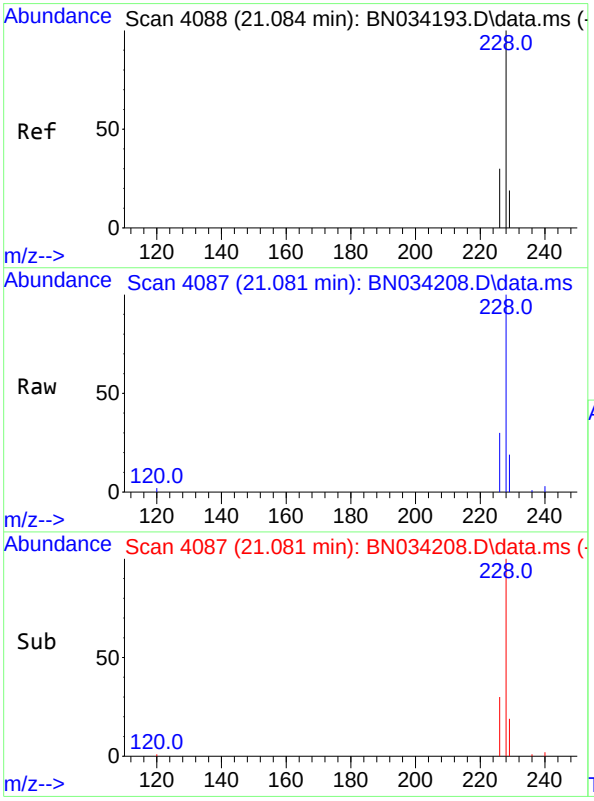
#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.031 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:228 Resp: 13423

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.2
226	28.1	22.1	33.1

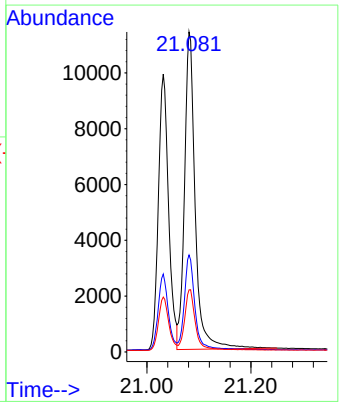


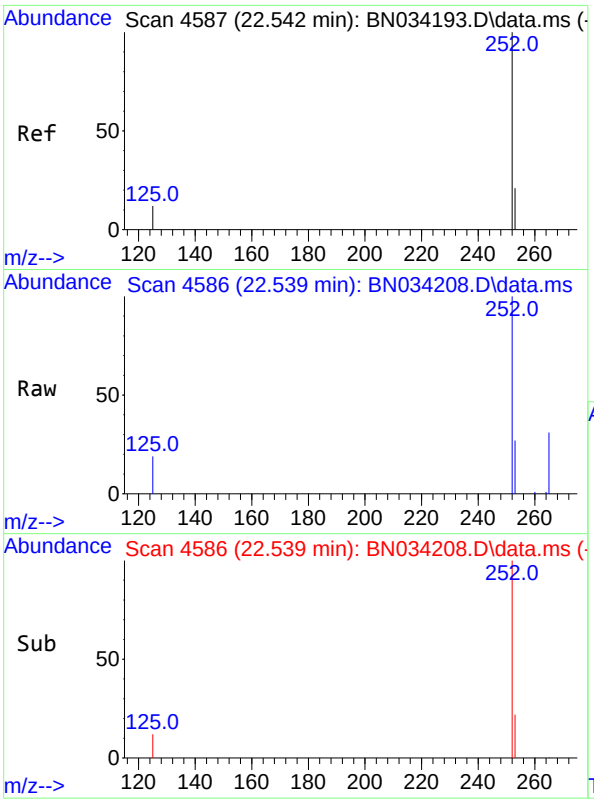


#22
Chrysene
Concen: 0.432 ng/ul
RT: 21.081 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:228 Resp: 16243

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.4	15.6	23.4



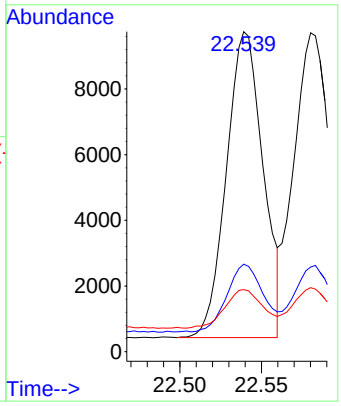


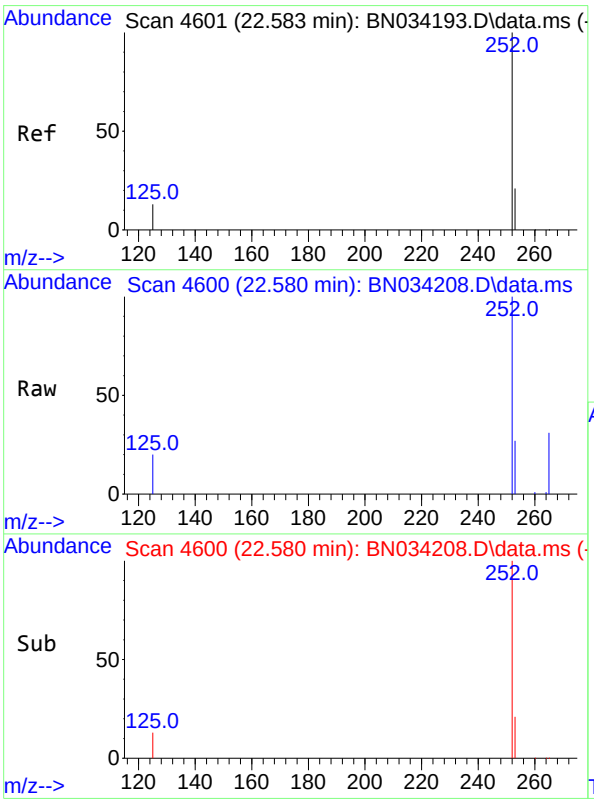
#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.539 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:252 Resp: 14509

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	52.8
125	19.4	0.0	36.4

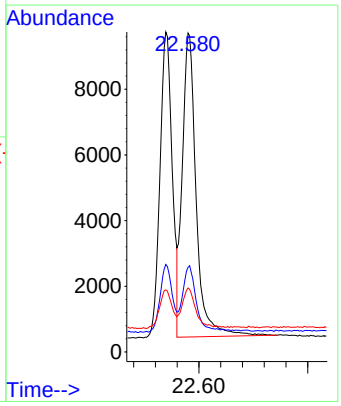


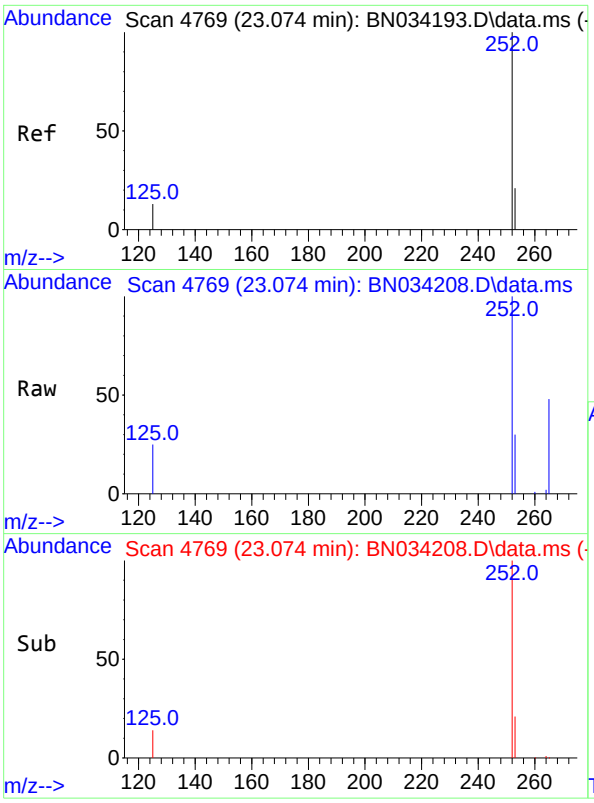


#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 22.580 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:252 Resp: 16333

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.4	32.0
125	20.1	15.1	22.7



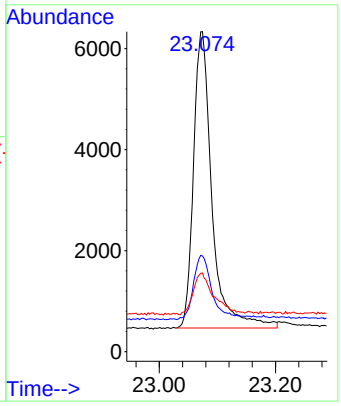


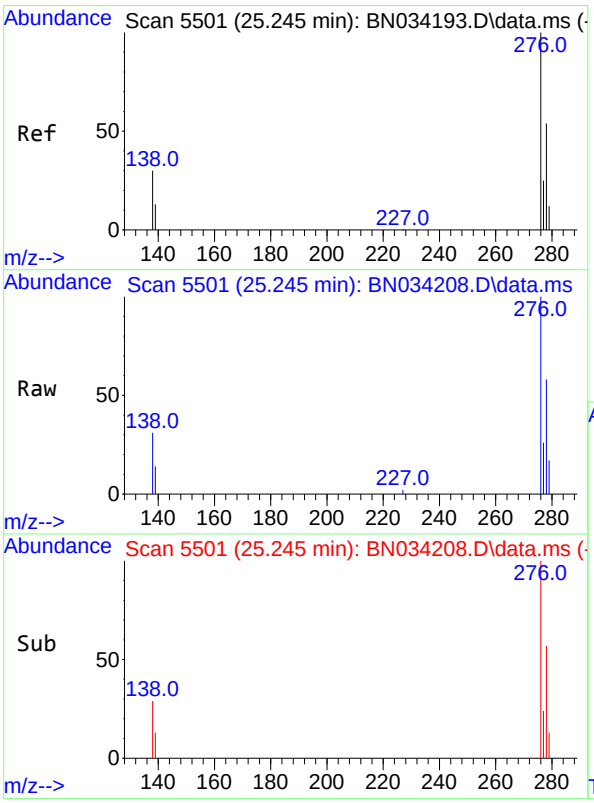
#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.074 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:252 Resp: 12937

Ion	Ratio	Lower	Upper
252	100		
253	29.9	22.8	34.2
125	24.6	18.0	27.0

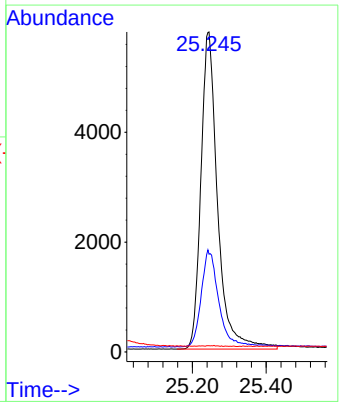


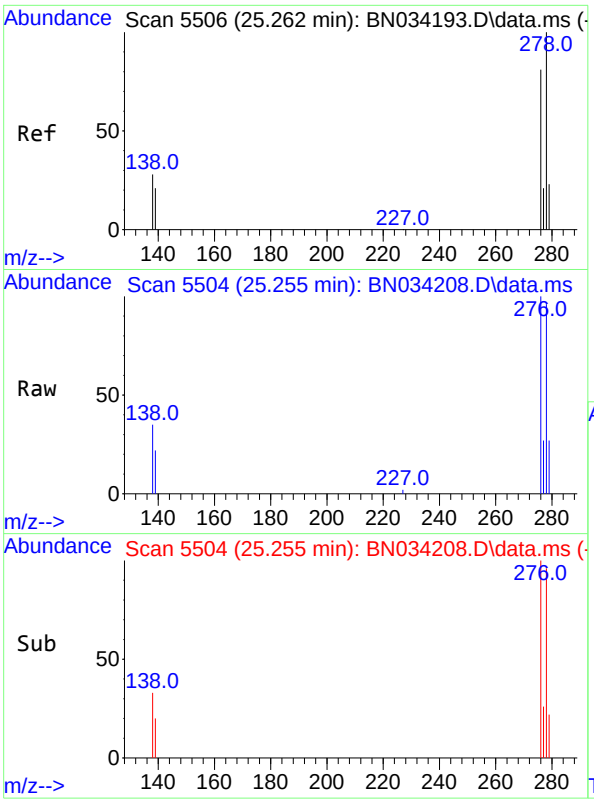


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 25.245 min Scan# 5501
Delta R.T. -0.003 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:276 Resp: 18118

Ion	Ratio	Lower	Upper
276	100		
138	31.8	22.3	33.5
227	0.1	0.2	0.4#



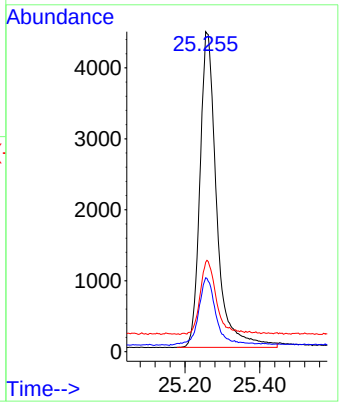


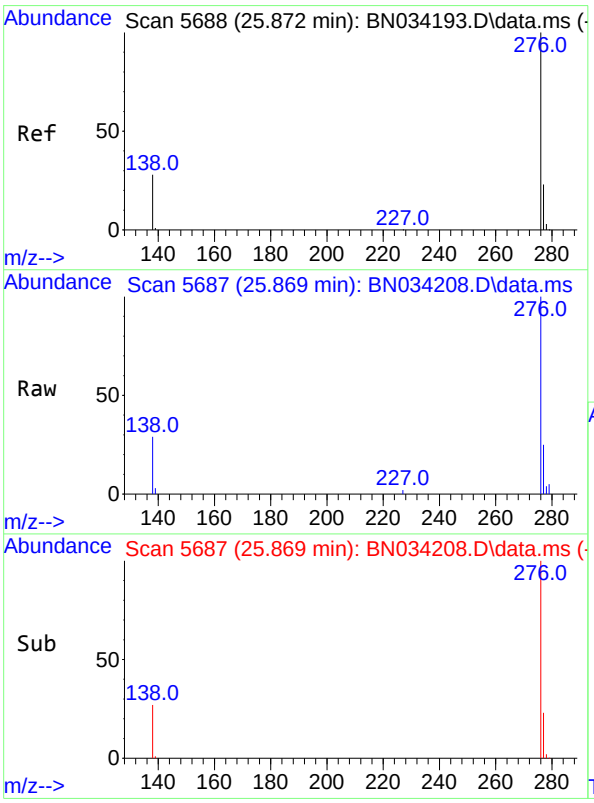
#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 25.255 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Instrument :
BNA_N
ClientSampleId :
SLCS542

Tgt Ion:278 Resp: 13823

Ion	Ratio	Lower	Upper
278	100		
139	23.1	17.3	25.9
279	27.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 25.869 min Scan# 5687
Delta R.T. -0.013 min
Lab File: BN034208.D
Acq: 24 Sep 2024 18:45

Tgt Ion:276 Resp: 15051

Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.8	31.2
277	24.7	20.2	30.4