Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034830.D
Acq On : 02 Nov 2024 07:02
Operator : RC/JU
Sample : PB164449BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS449

Quant Time: Nov 03 23:30:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	20707	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	11324	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	23797	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	15837	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	12352	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5166	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	10521	0.405	ng/ul	-0.01
18) Fluoranthene-d10	19.004	212	20590	0.399	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	13371	1.676	ng/ul#	84
5) Naphthalene	10.410	128	20920	0.381	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	13559	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	13783	0.380	ng/ul	100
10) Acenaphthylene	13.944	152	19337	0.375	ng/ul	99
11) Acenaphthene	14.291	153	15131	0.384	ng/ul	100
12) Fluorene	15.281	166	16874	0.384	ng/ul	99
14) Pentachlorophenol	16.629	266	3261	0.694	ng/ul	99
15) Phenanthrene	17.013	178	27832	0.387	ng/ul	100
16) Anthracene	17.106	178	25045	0.376	ng/ul	100
19) Fluoranthene	19.037	202	29821	0.388	ng/ul	99
20) Pyrene	19.400	202	30896	0.386	ng/ul	99
21) Benzo(a)anthracene	21.148	228	24282	0.383	ng/ul	99
22) Chrysene	21.201	228	25335	0.399	ng/ul	100
24) Benzo(b)fluoranthene	22.694	252	21362	0.425	ng/ul	98
25) Benzo(k)fluoranthene	22.738	252	20987	0.414	ng/ul	99
26) Benzo(a)pyrene	23.249	252	17251	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.513	276	19499	0.423	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.530	278	15004	0.431	ng/ul	100
29) Benzo(g,h,i)perylene	26.171	276	15619	0.431	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
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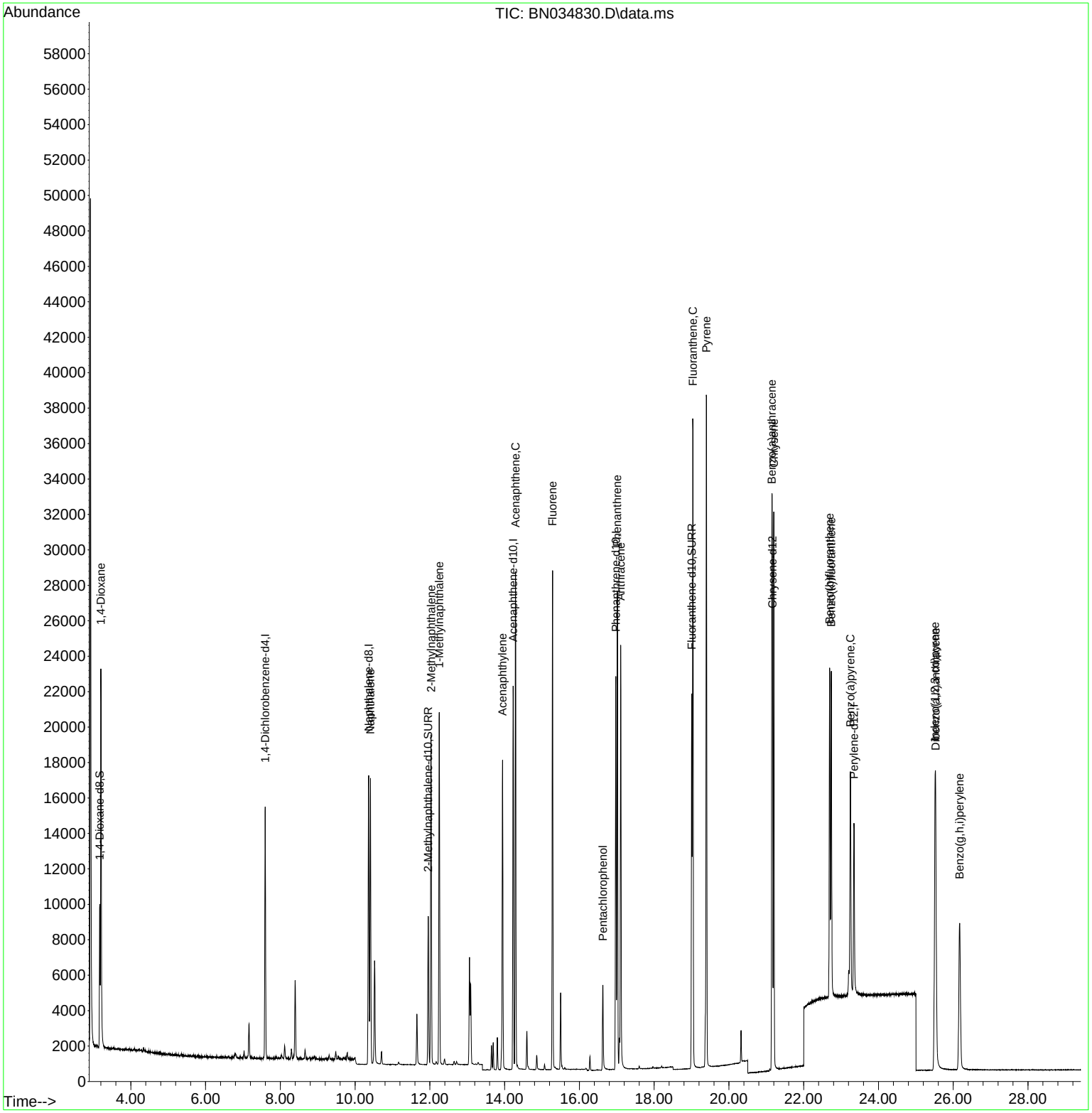
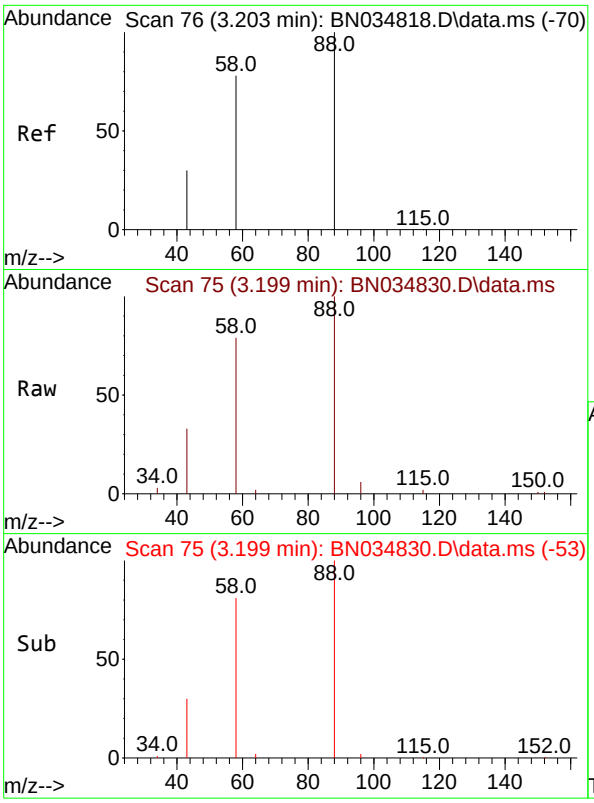


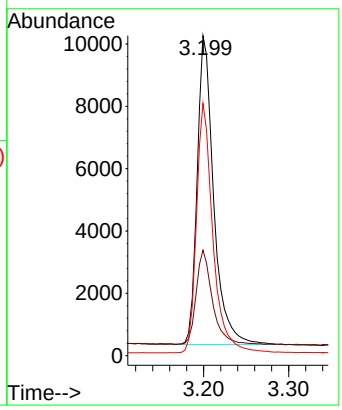


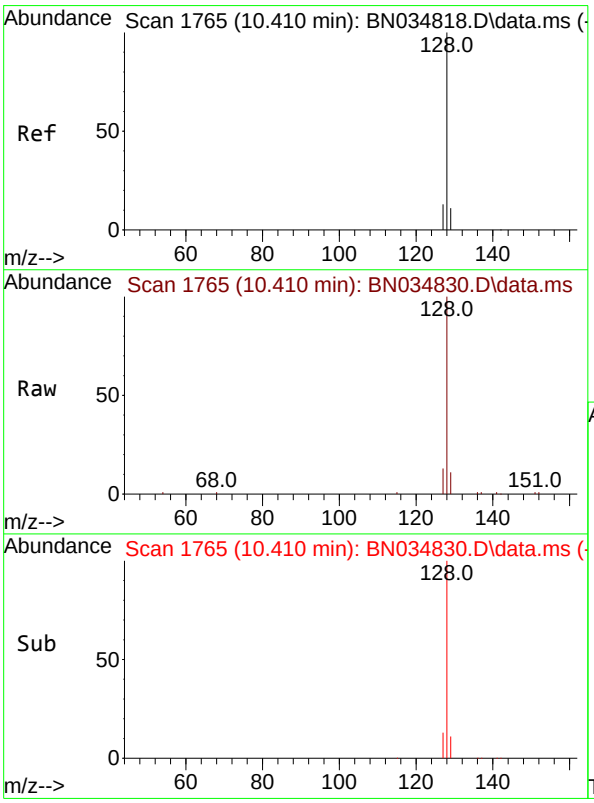
#2
1,4-Dioxane
Concen: 1.676 ng/ul
RT: 3.199 min Scan# 7
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion: 88 Resp: 13371

Ion	Ratio	Lower	Upper
88	100		
43	32.9	41.9	62.9#
58	78.8	57.5	86.3

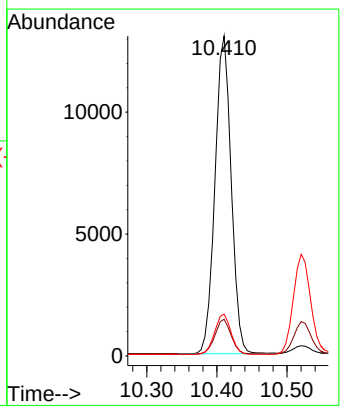


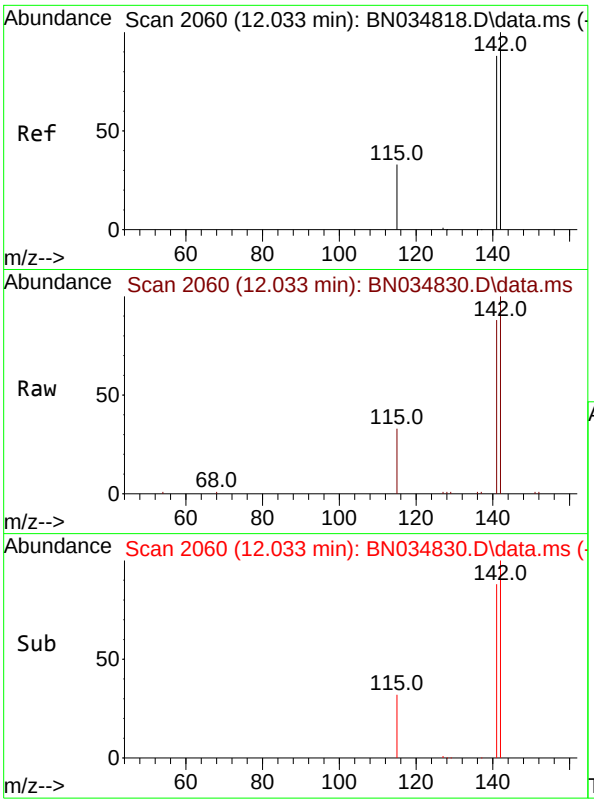


#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:128 Resp: 20920

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.0	10.5	15.7



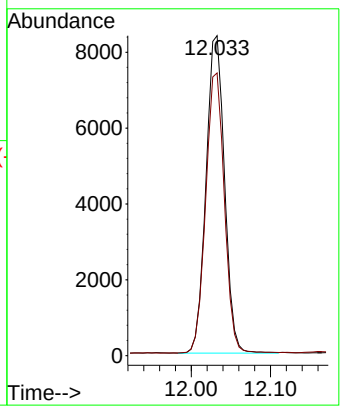


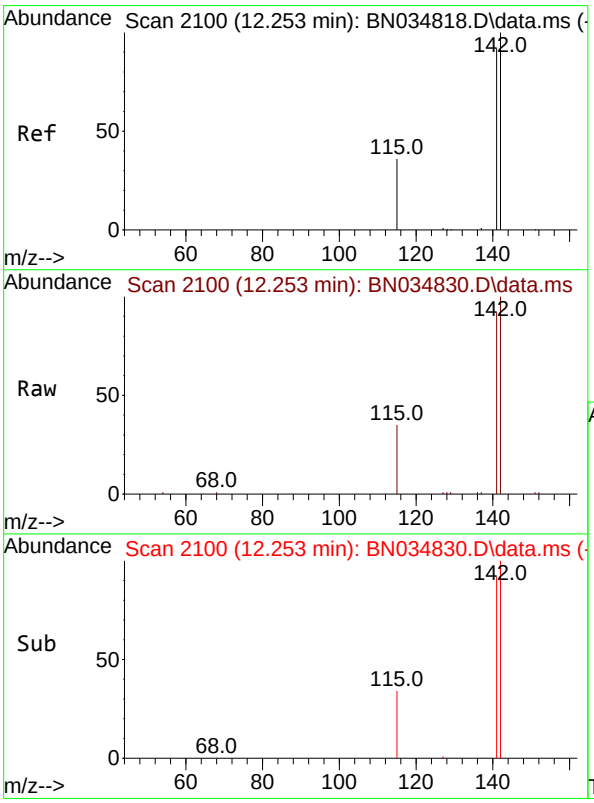
#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.033 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:142 Resp: 13559

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7

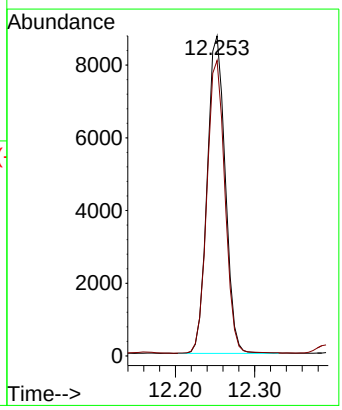


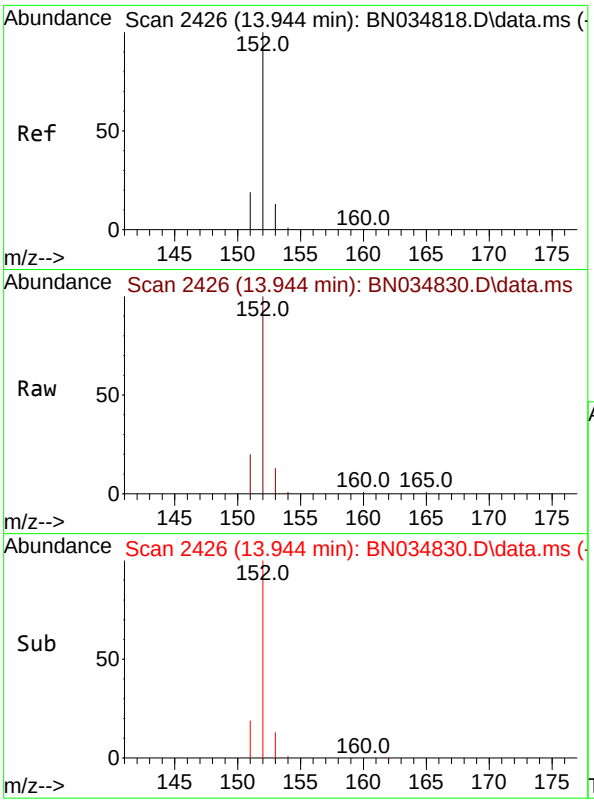


#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:142 Resp: 13783

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4



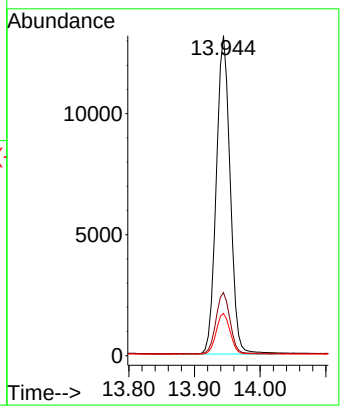


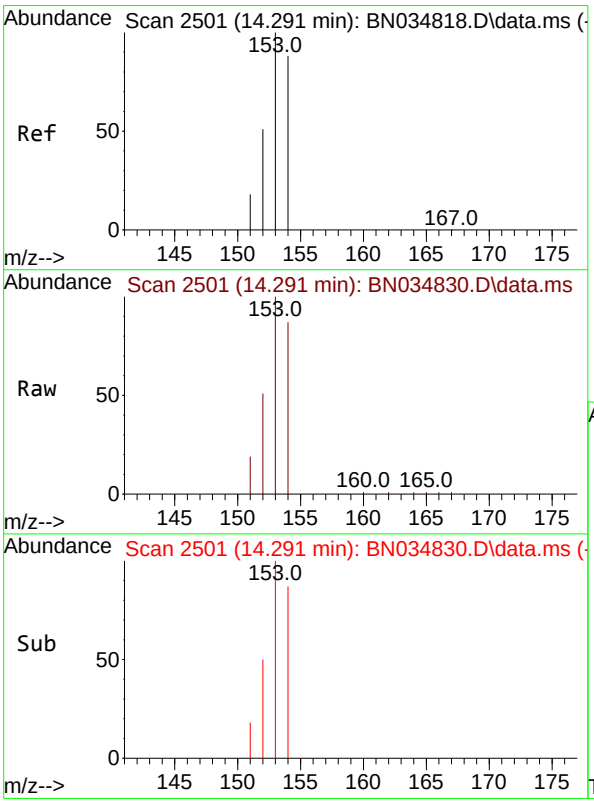
#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 13.944 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:152 Resp: 19337

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.2	10.7	16.1

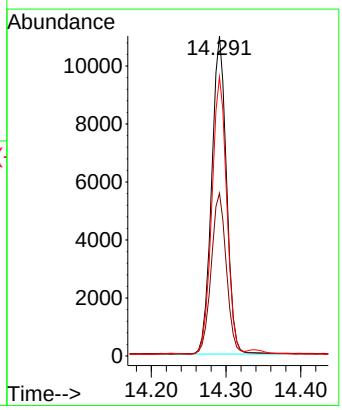


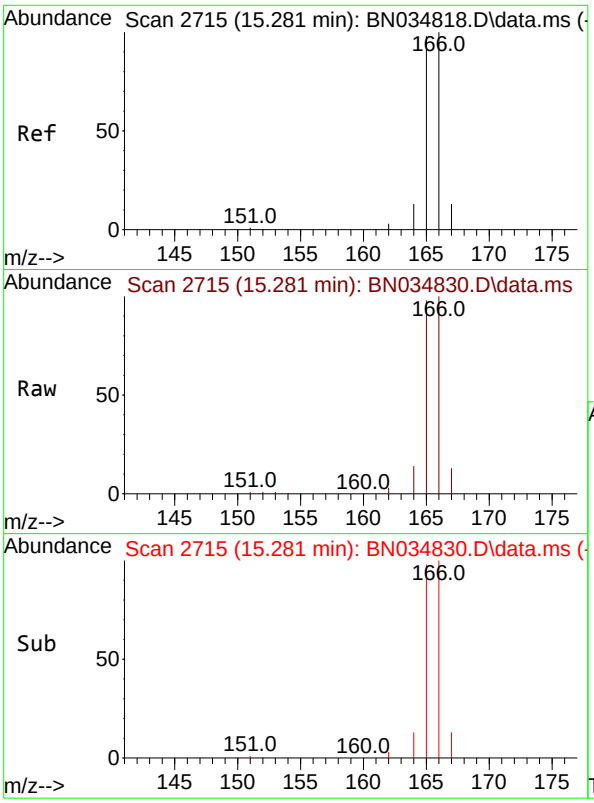


#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:153 Resp: 15131

Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.3	60.5
154	87.2	69.9	104.9



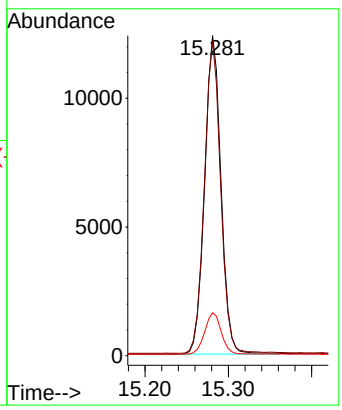


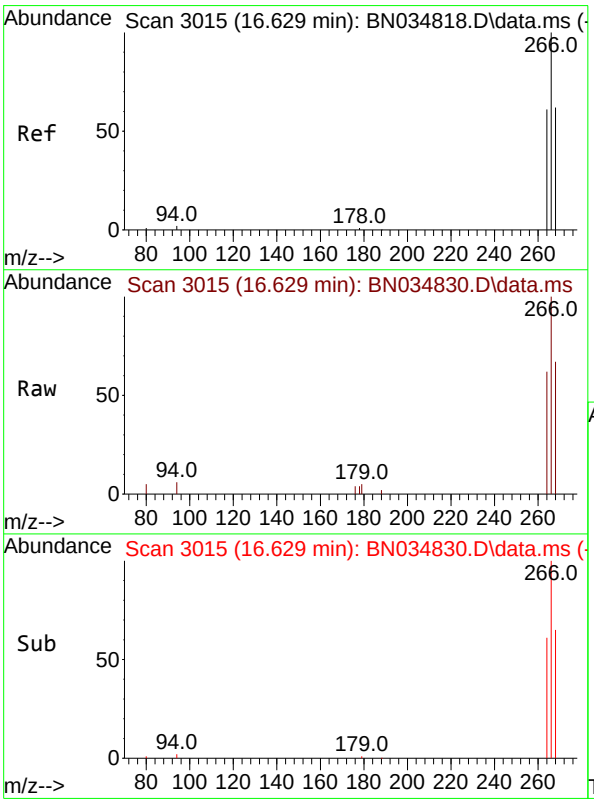
#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.281 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:166 Resp: 16874

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	13.4	11.0	16.4

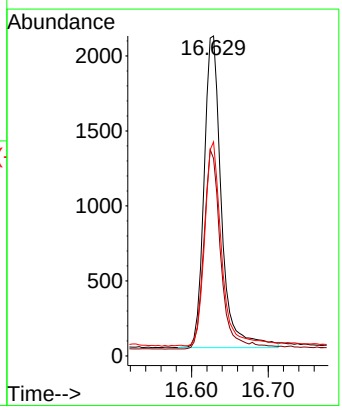


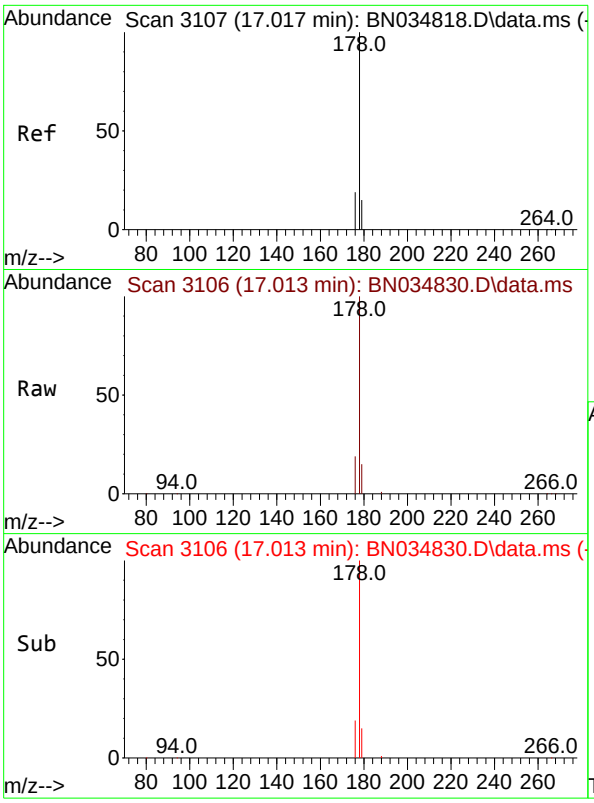


#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 16.629 min Scan# 3015
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:266 Resp: 3261

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.1	75.1
268	63.9	52.0	78.0



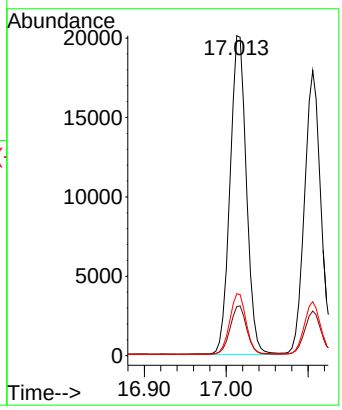


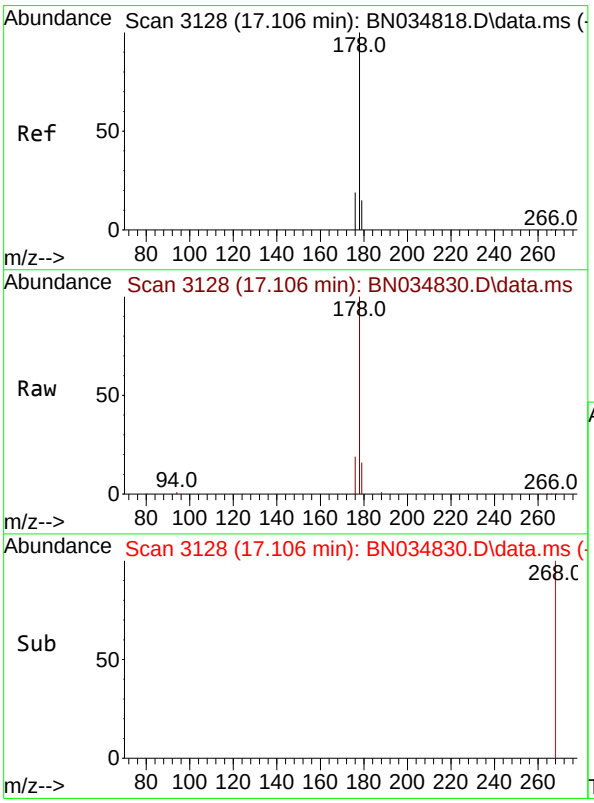
#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.013 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:178 Resp: 27832

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.4	15.4	23.0

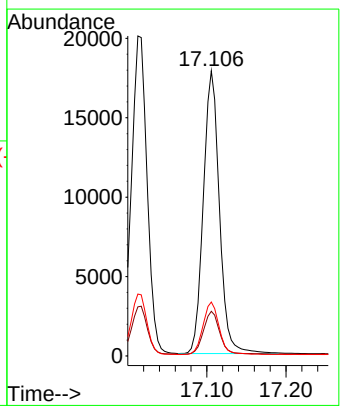


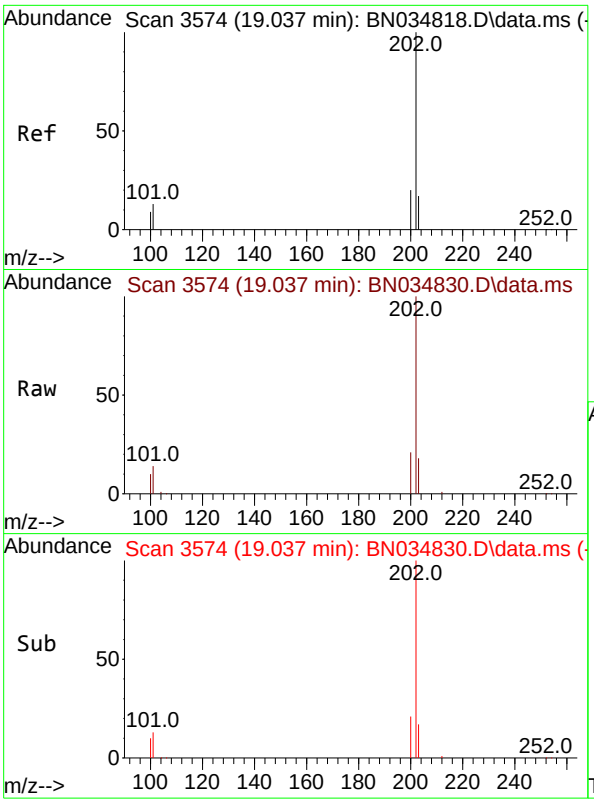


#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:178 Resp: 25045

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	15.1	22.7



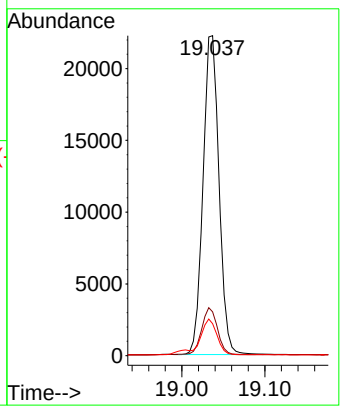


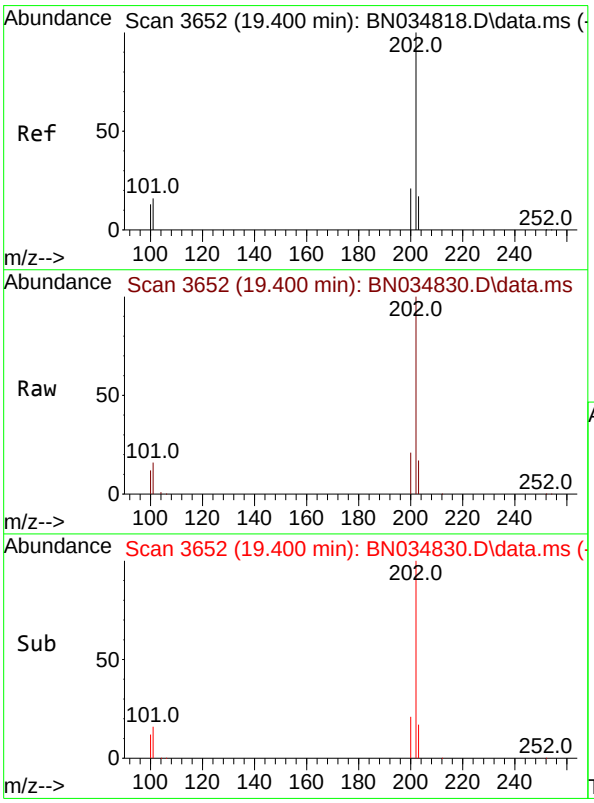
#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.037 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:202 Resp: 29821

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.8	16.2
100	10.0	8.2	12.2

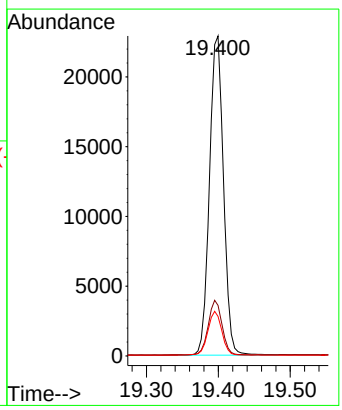


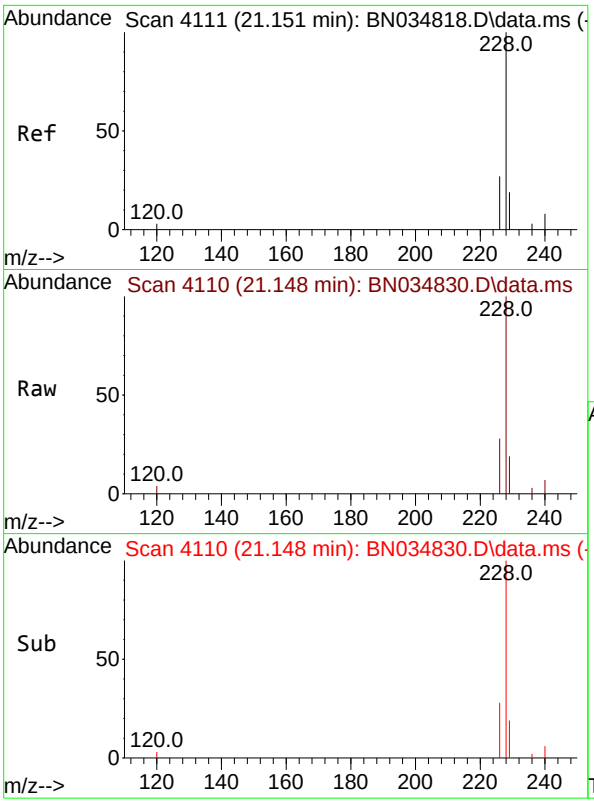


#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:202 Resp: 30896

Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.4	18.6
100	12.3	10.0	15.0



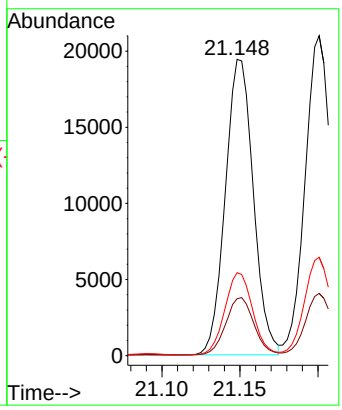


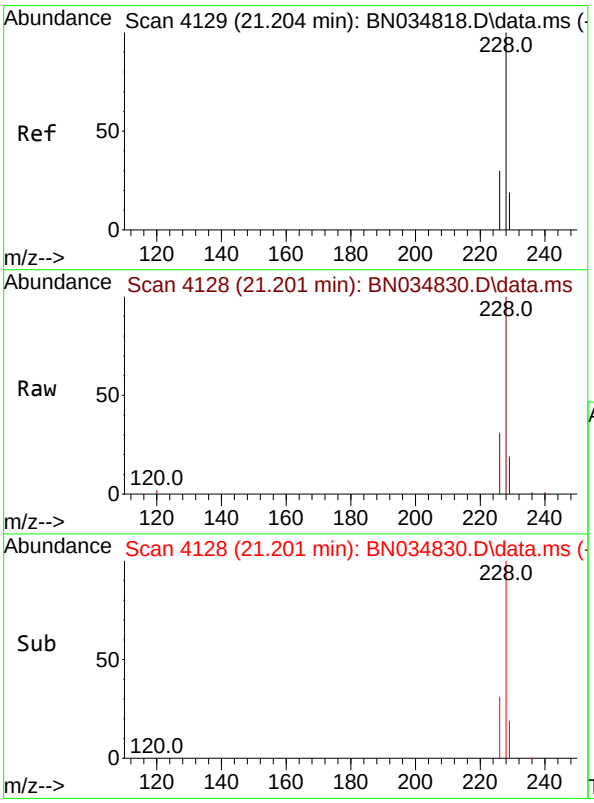
#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.148 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:228 Resp: 24282

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.5	23.3
226	28.1	22.1	33.1

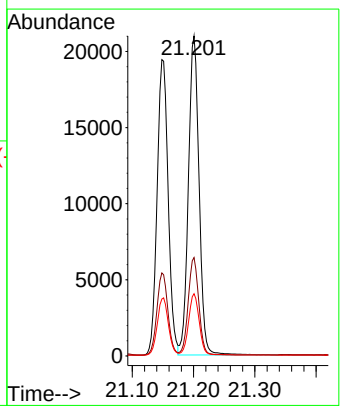


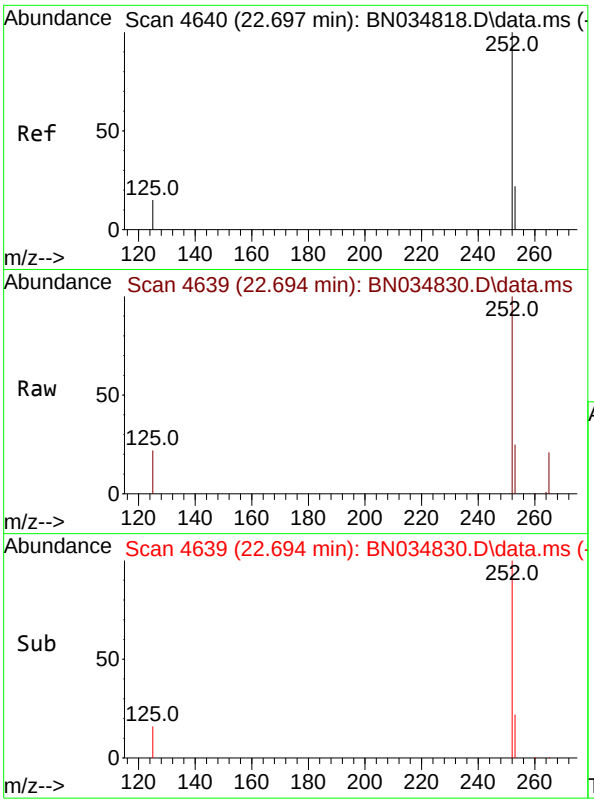


#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:228 Resp: 25335

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.5	15.6	23.4



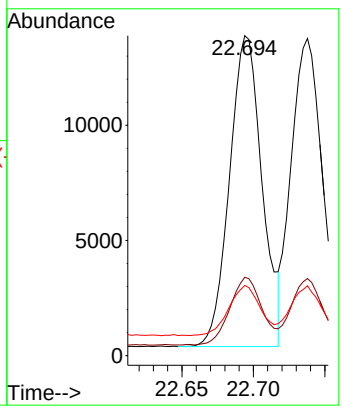


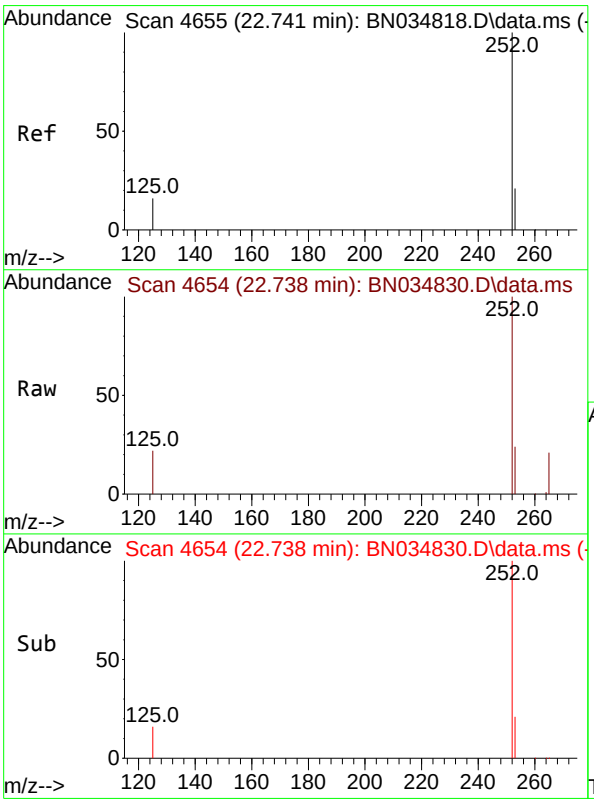
#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.694 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:252 Resp: 21362

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	47.6
125	21.9	0.0	41.4

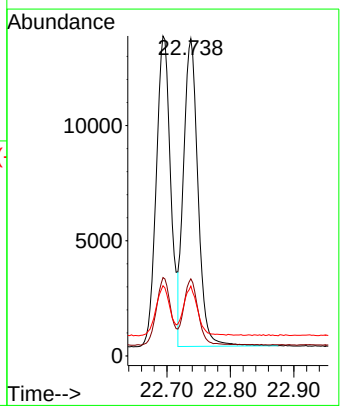


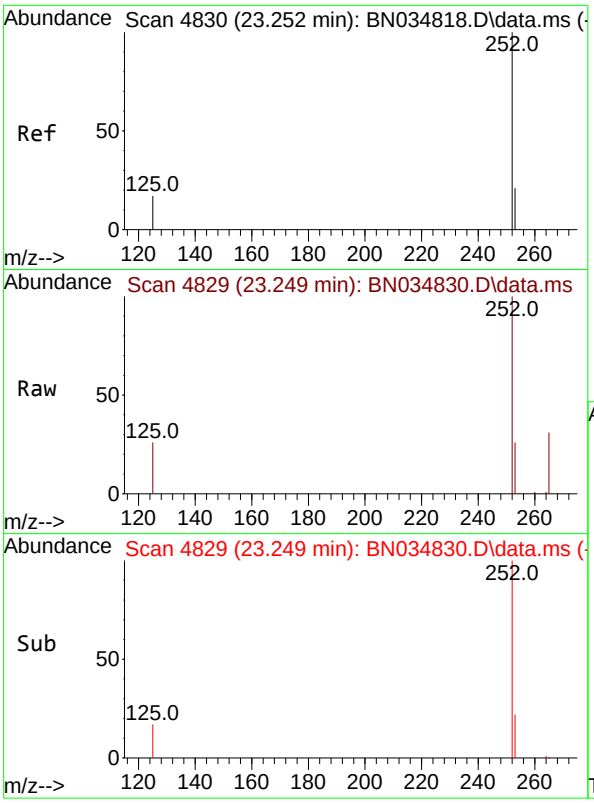


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:252 Resp: 20987

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.1	28.7
125	22.0	17.0	25.4



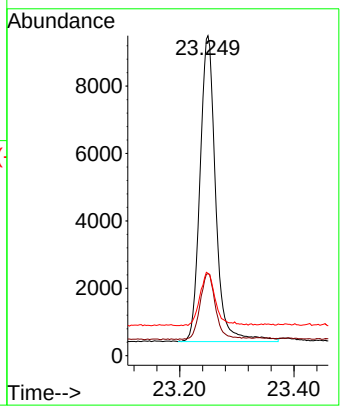


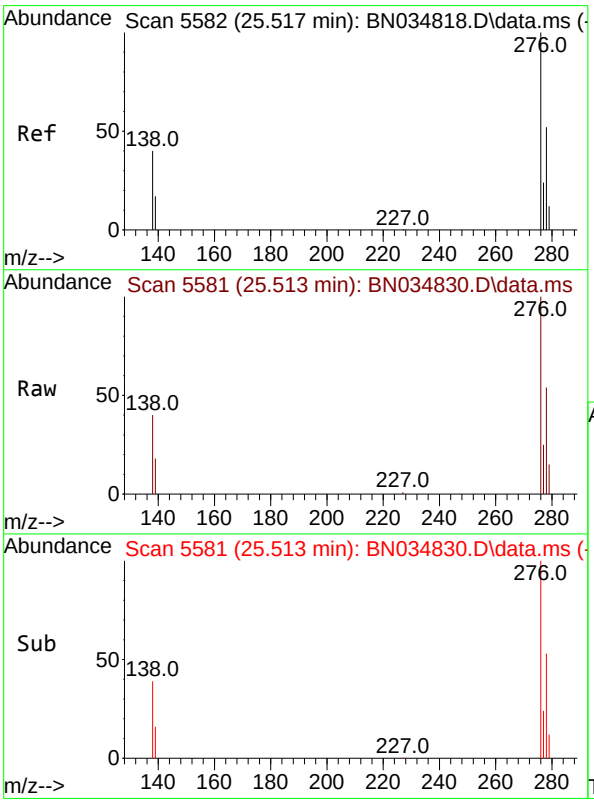
#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.249 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:252 Resp: 17251

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.0	30.0
125	25.8	19.8	29.6

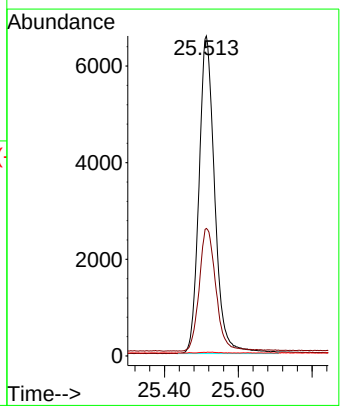


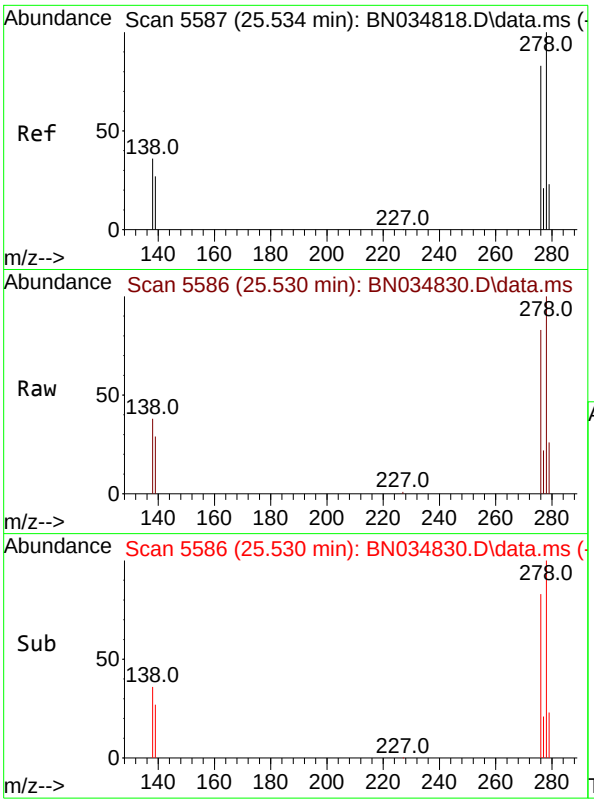


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 25.513 min Scan# 5581
Delta R.T. -0.024 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:276 Resp: 19499

Ion	Ratio	Lower	Upper
276	100		
138	40.8	31.8	47.6
227	0.2	0.2	0.4#



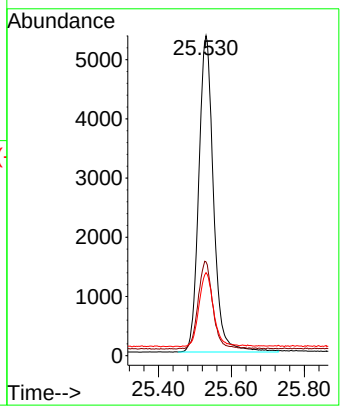


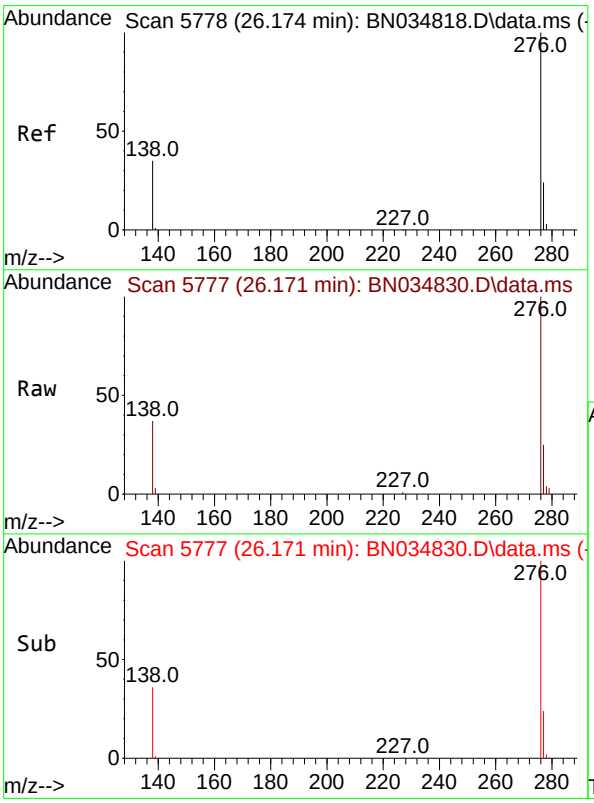
#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 25.530 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Instrument :
BNA_N
ClientSampleId :
SLCS449

Tgt Ion:278 Resp: 15004

Ion	Ratio	Lower	Upper
278	100		
139	29.3	23.4	35.2
279	26.0	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.024 min
Lab File: BN034830.D
Acq: 02 Nov 2024 07:02

Tgt Ion:276 Resp: 15619

Ion	Ratio	Lower	Upper
276	100		
138	37.4	28.8	43.2
277	25.0	20.2	30.2