Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
Data File : BN029598.D
Acq On : 09 Feb 2024 03:59
Operator : MA/JU
Sample : PB158770BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS770

Quant Time: Feb 09 04:30:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 02:17:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	5242	0.400	ng/ul	0.00
4) Naphthalene-d8	10.682	136	14548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.528	164	6433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	11910	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	8863	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	9090	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	4850	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.277	152	7209	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.307	212	11273	0.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	15872	2.231	ng/ul#	87
5) Naphthalene	10.731	128	16358	0.400	ng/ul	99
7) 2-Methylnaphthalene	12.348	142	9325	0.397	ng/ul	100
8) 1-Methylnaphthalene	12.568	142	9269	0.388	ng/ul	100
10) Acenaphthylene	14.246	152	12542	0.400	ng/ul	99
11) Acenaphthene	14.588	153	9510	0.399	ng/ul	99
12) Fluorene	15.578	166	9837	0.394	ng/ul	100
14) Pentachlorophenol	16.920	266	2434	0.916	ng/ul#	51
15) Phenanthrene	17.321	178	14953	0.402	ng/ul	100
16) Anthracene	17.410	178	12811	0.409	ng/ul	99
19) Fluoranthene	19.340	202	15867	0.390	ng/ul	99
20) Pyrene	19.702	202	16535	0.396	ng/ul	98
21) Benzo(a)anthracene	21.459	228	13815	0.432	ng/ul	99
22) Chrysene	21.511	228	14987	0.429	ng/ul	100
24) Benzo(b)fluoranthene	23.124	252	14595	0.427	ng/ul	99
25) Benzo(k)fluoranthene	23.174	252	16179	0.427	ng/ul	98
26) Benzo(a)pyrene	23.741	252	13848	0.431	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.302	276	17133	0.439	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.333	278	13431	0.439	ng/ul	99
29) Benzo(g,h,i)perylene	27.050	276	15182	0.428	ng/ul	98

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

Quantitation Report (QT Reviewed)

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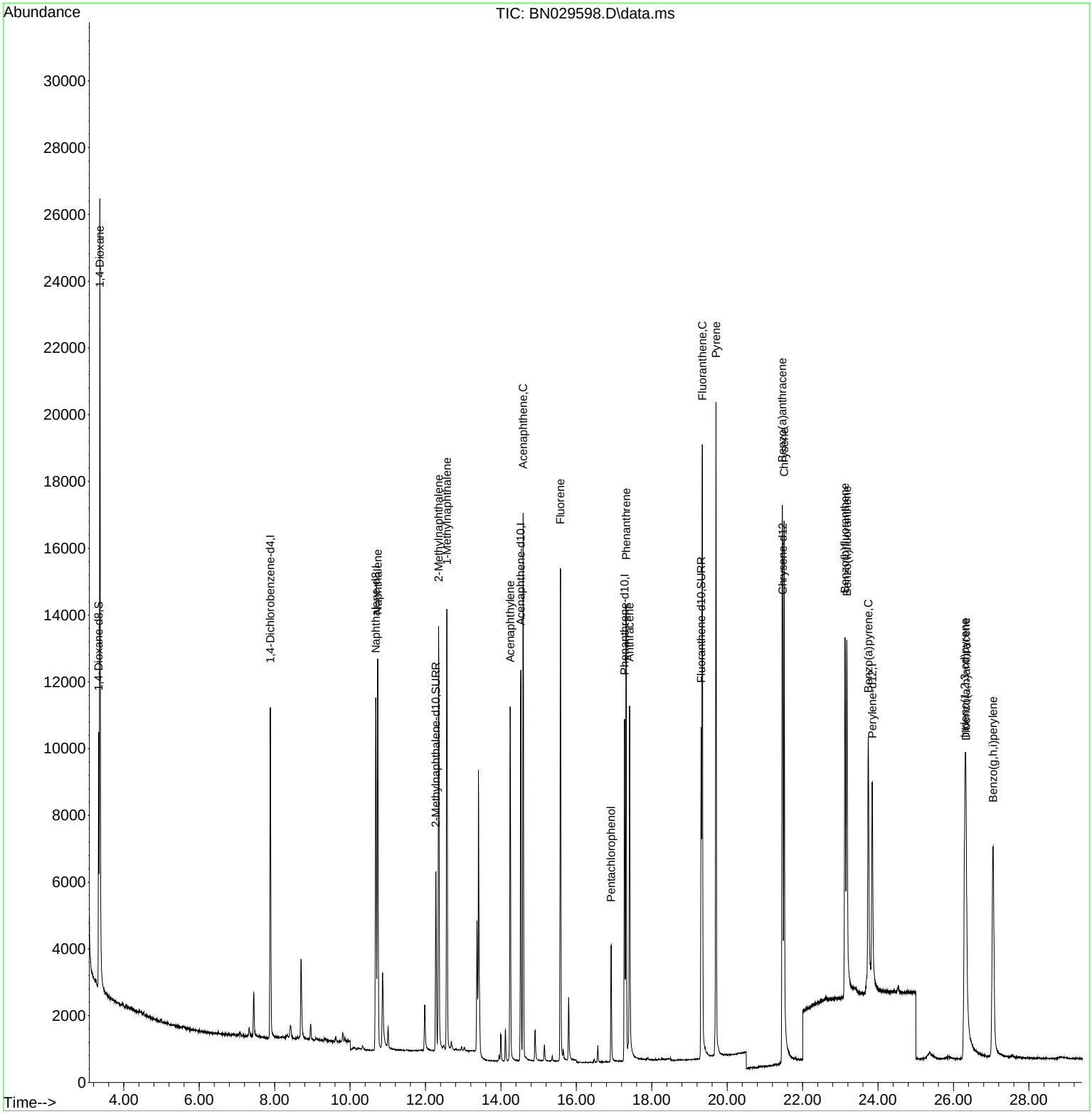
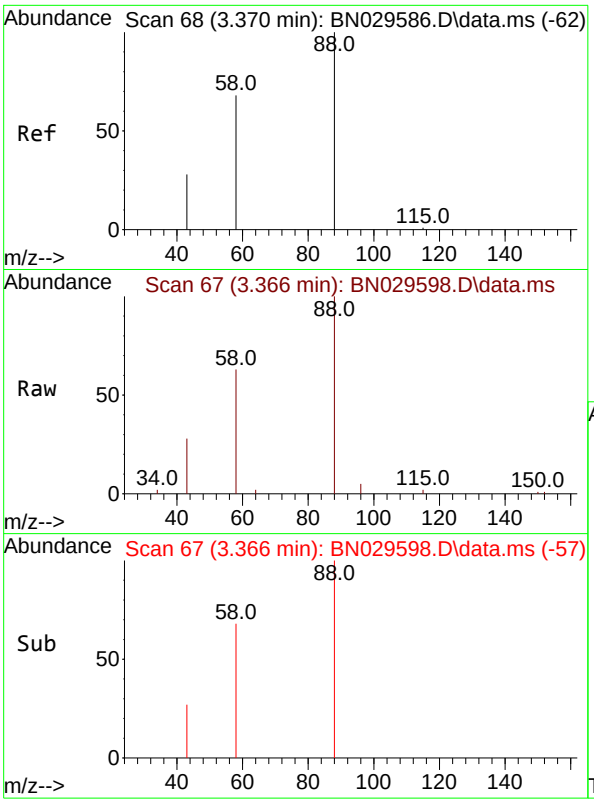
QLast Update : Wed Feb 07 02:17:13 2024
Response via : Initial Calibration



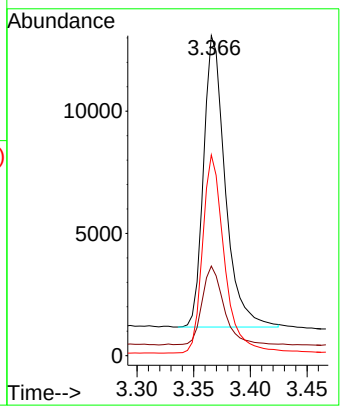


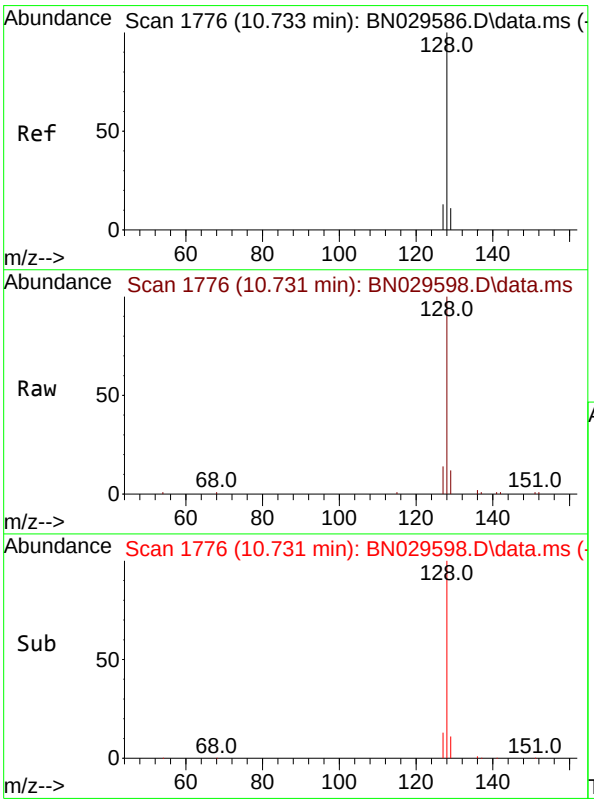
#2
1,4-Dioxane
Concen: 2.231 ng/ul
RT: 3.366 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion: 88 Resp: 15872

Ion	Ratio	Lower	Upper
88	100		
43	28.0	21.8	32.6
58	62.8	39.3	58.9#

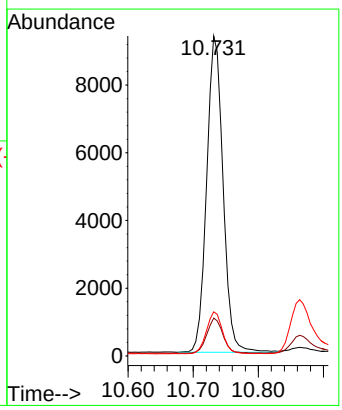


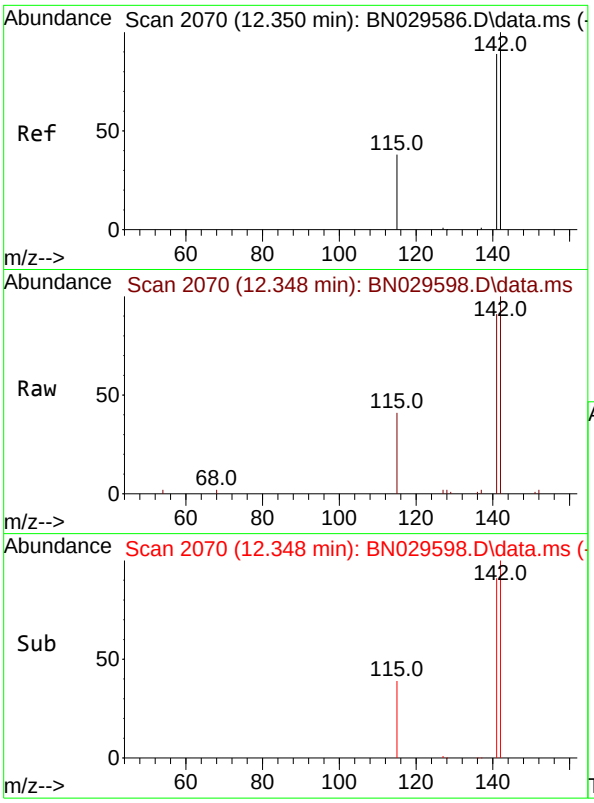


#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.731 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:128 Resp: 16358

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.8	11.0	16.6



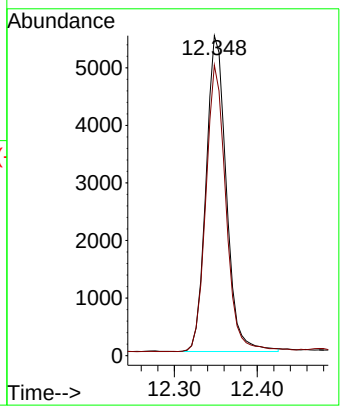


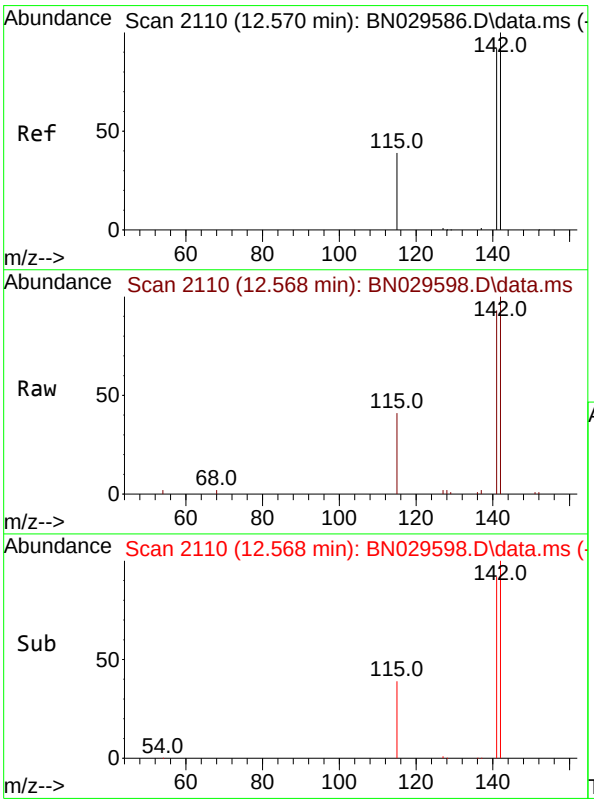
#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.348 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:142 Resp: 9325

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.5	107.3

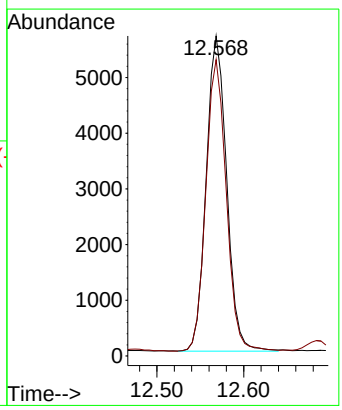


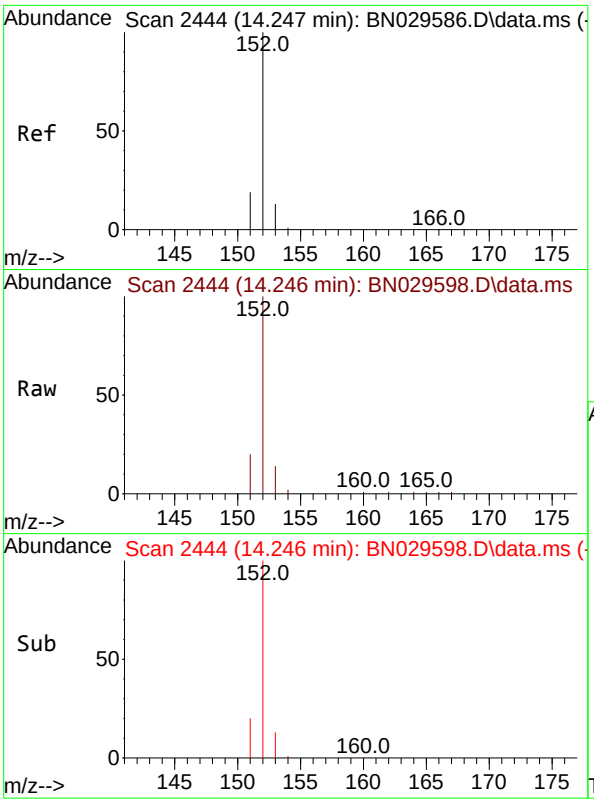


#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.568 min Scan# 2110
Delta R.T. -0.007 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:142 Resp: 9269

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9



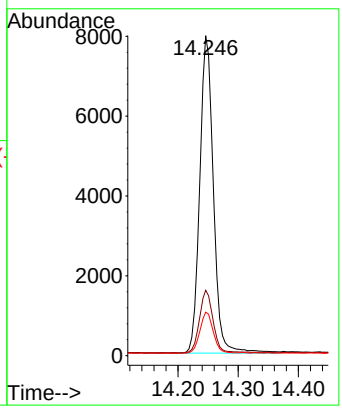


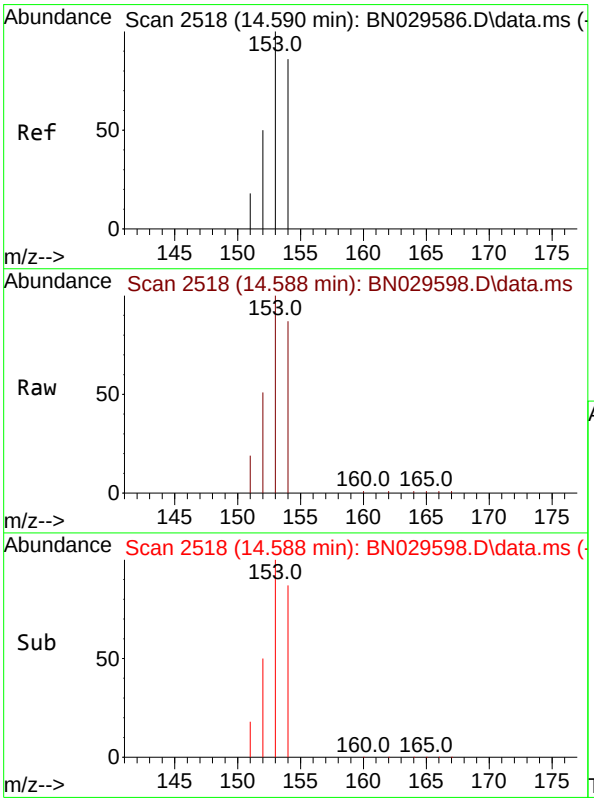
#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.246 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:152 Resp: 12542

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.6	10.9	16.3

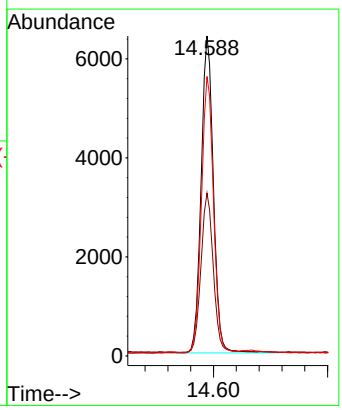


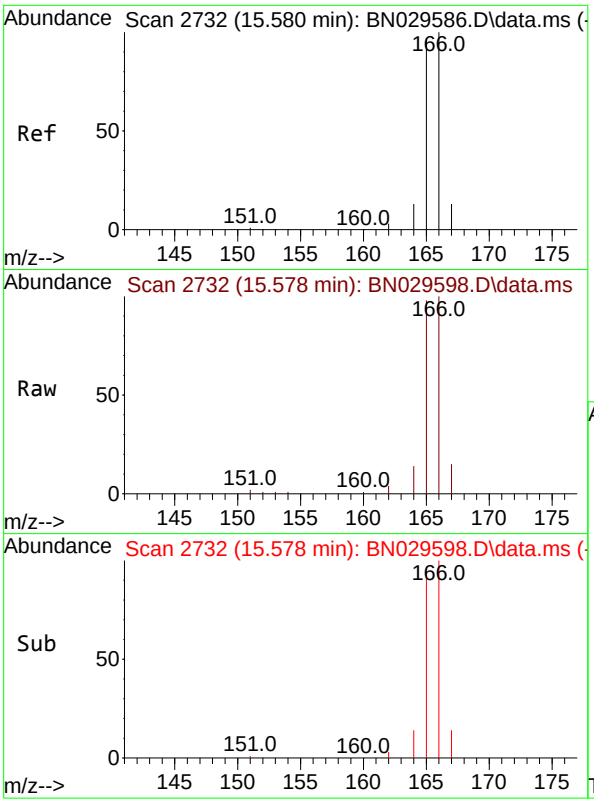


#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.588 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:153 Resp: 9510

Ion	Ratio	Lower	Upper
153	100		
152	50.9	41.5	62.3
154	87.3	70.9	106.3



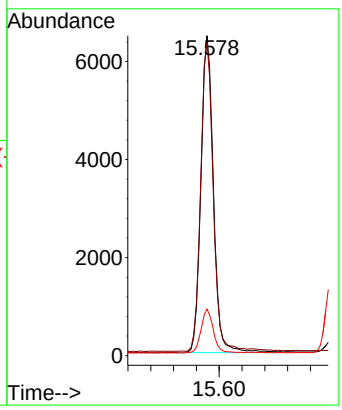


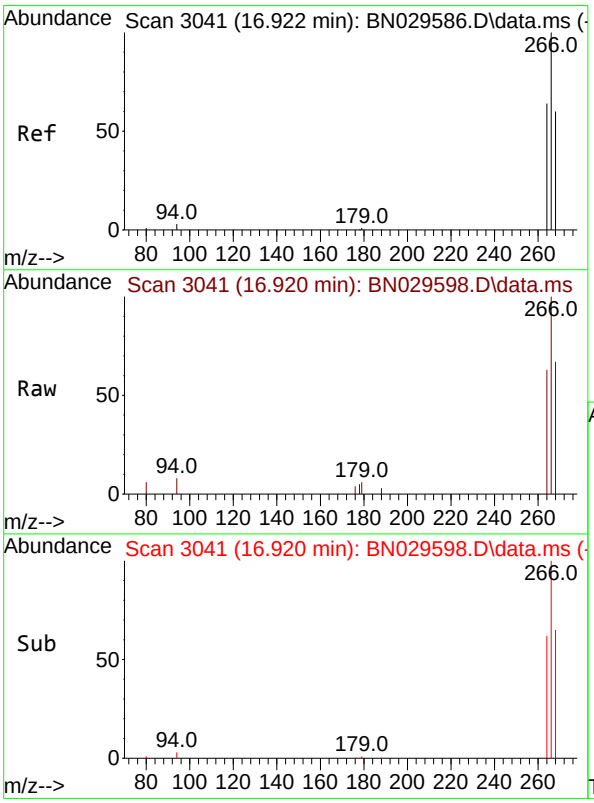
#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.578 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:166 Resp: 9837

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	14.6	11.5	17.3

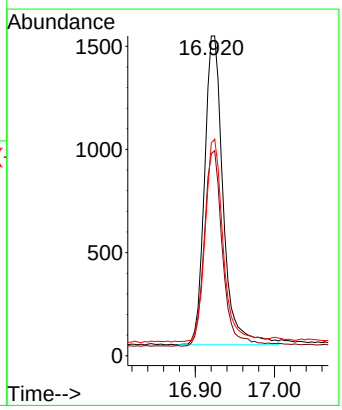


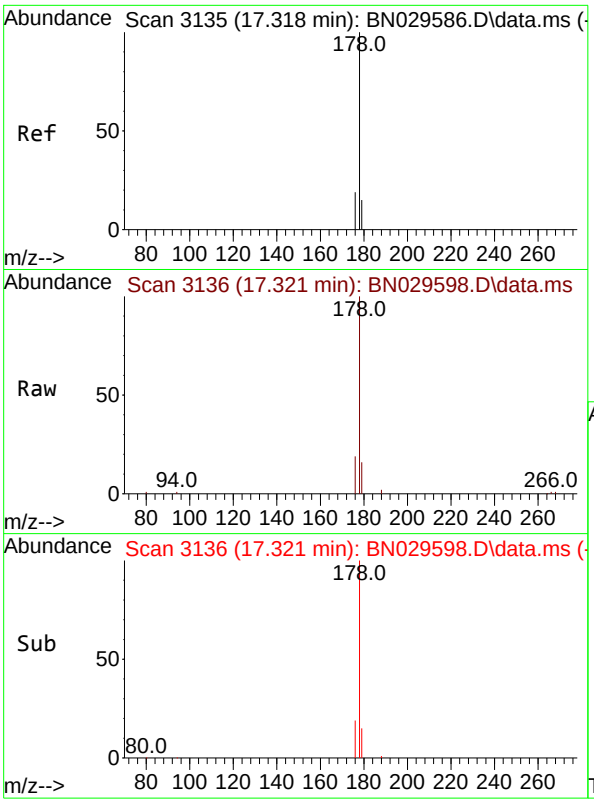


#14
Pentachlorophenol
Concen: 0.916 ng/ul
RT: 16.920 min Scan# 3041
Delta R.T. -0.010 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:266 Resp: 2434

Ion	Ratio	Lower	Upper
266	100		
264	62.8	0.0	0.0#
268	63.1	0.2	0.2#



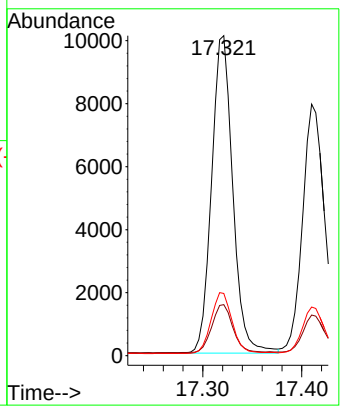


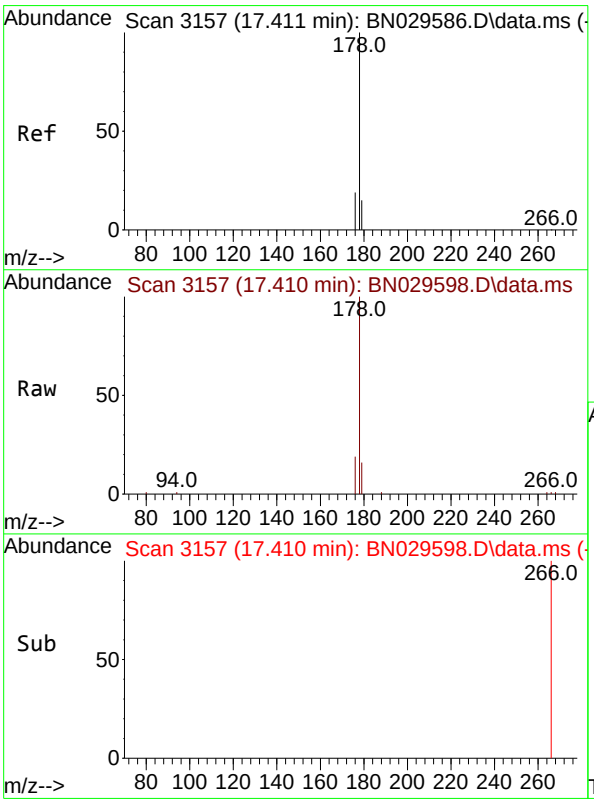
#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.321 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:178 Resp: 14953

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.4	15.7	23.5

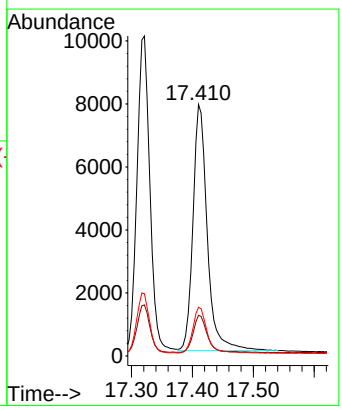


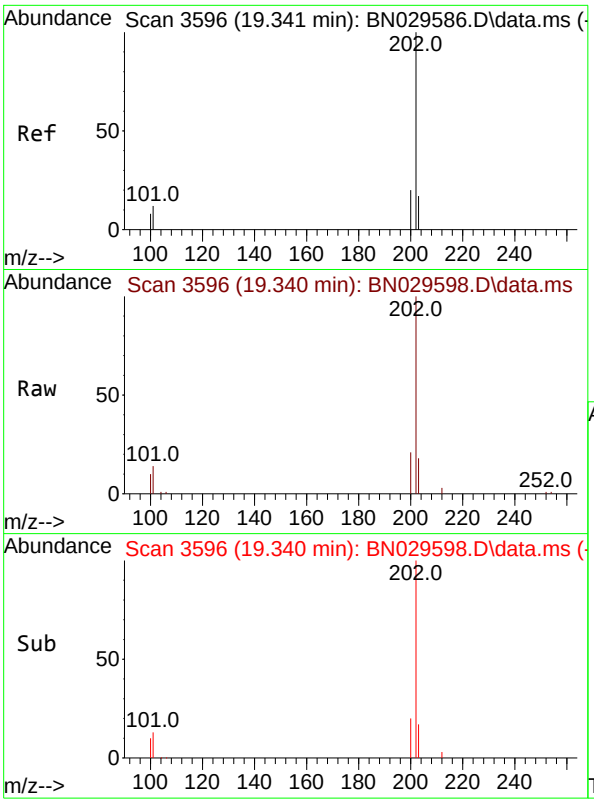


#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.410 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:178 Resp: 12811

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.3	15.8	23.8



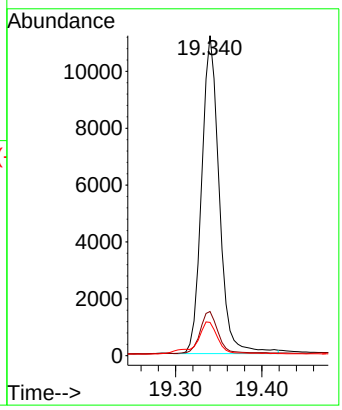


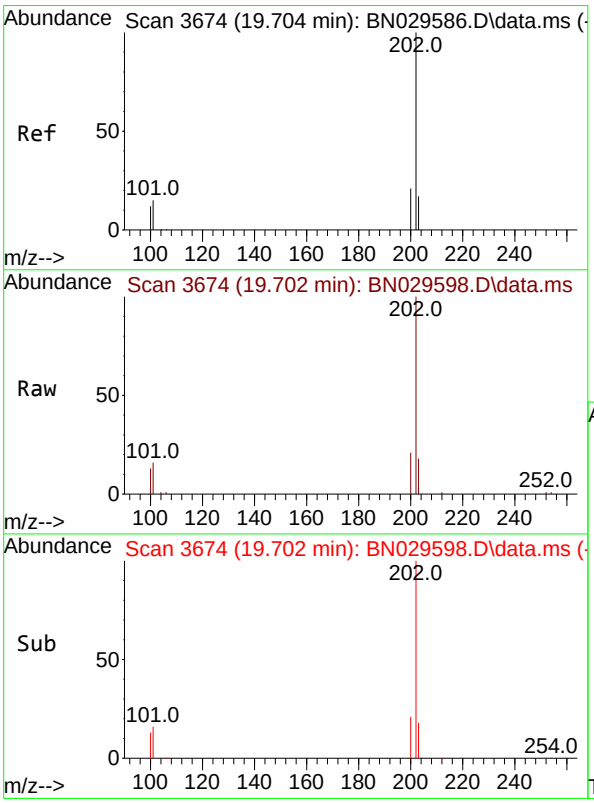
#19
Fluoranthene
Concen: 0.390 ng/ul
RT: 19.340 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:202 Resp: 15867

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.4	15.6
100	10.4	8.5	12.7

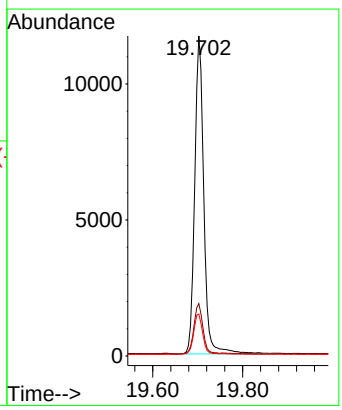


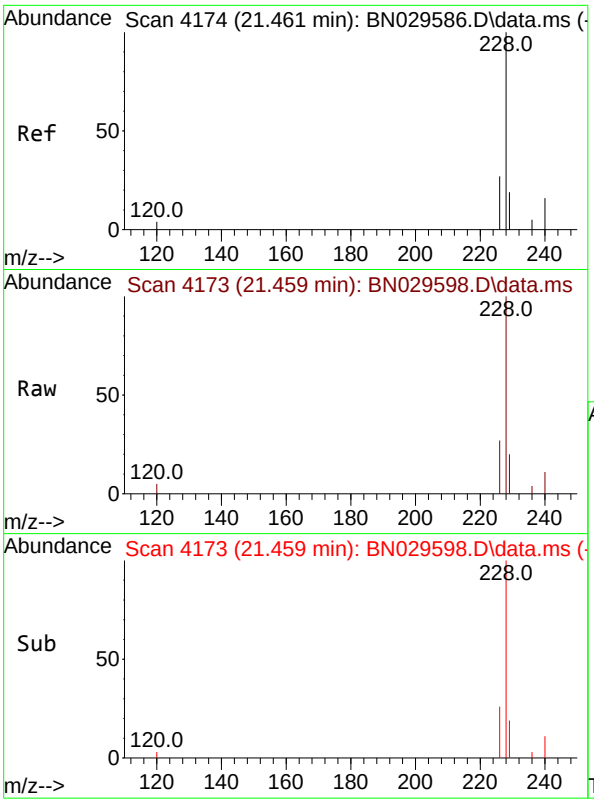


#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.702 min Scan# 3674
Delta R.T. -0.006 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:202 Resp: 16535

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.5	18.7
100	13.1	10.0	15.0



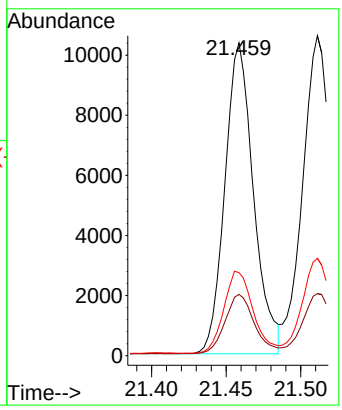


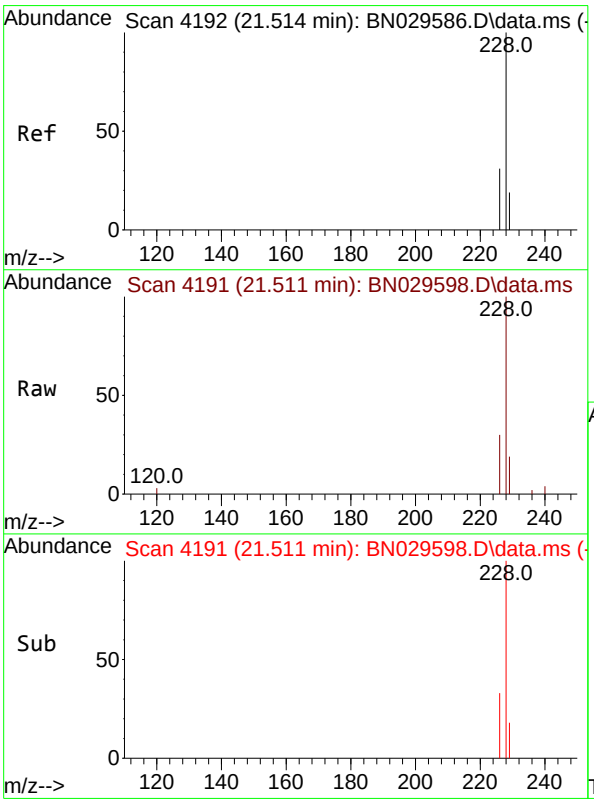
#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.459 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:228 Resp: 13815

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	26.6	22.2	33.4

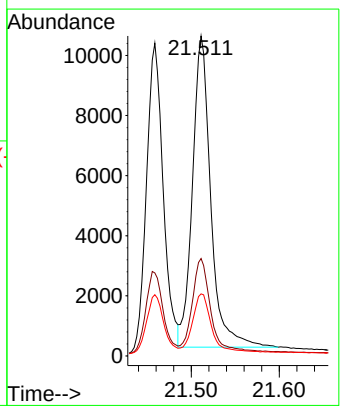


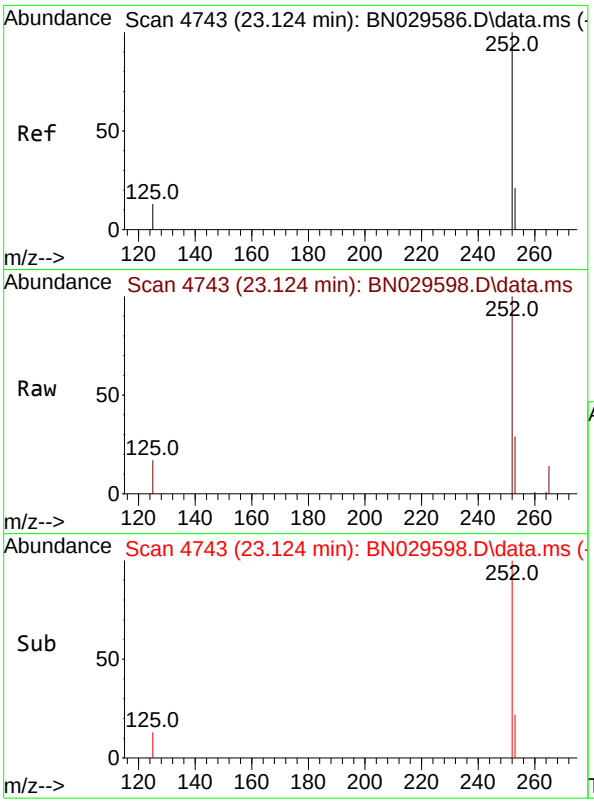


#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.008 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:228 Resp: 14987

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.4	15.7	23.5



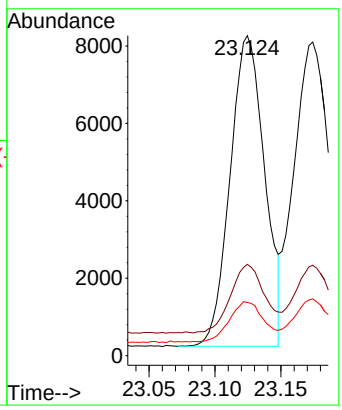


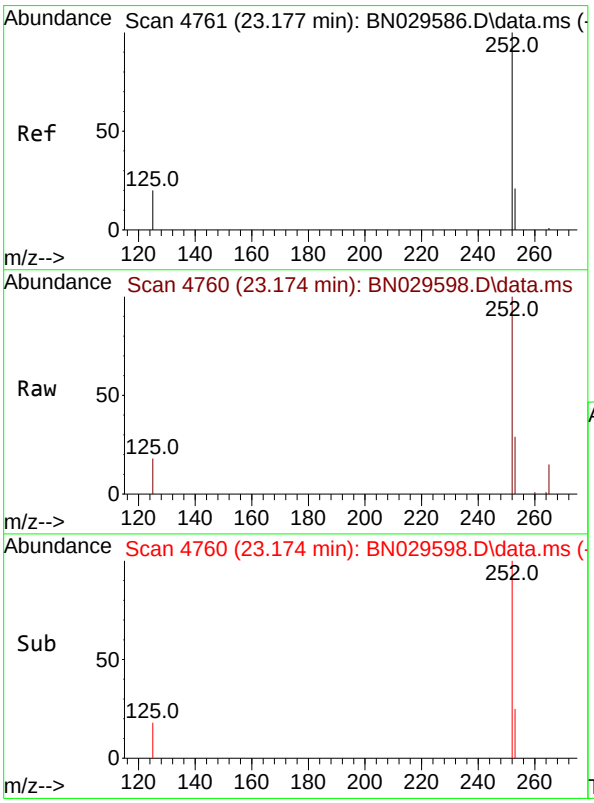
#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 23.124 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:252 Resp: 14595

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	56.8
125	16.6	0.0	32.4

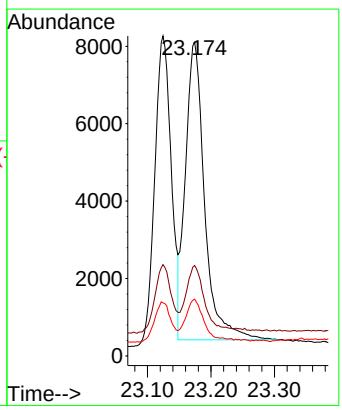


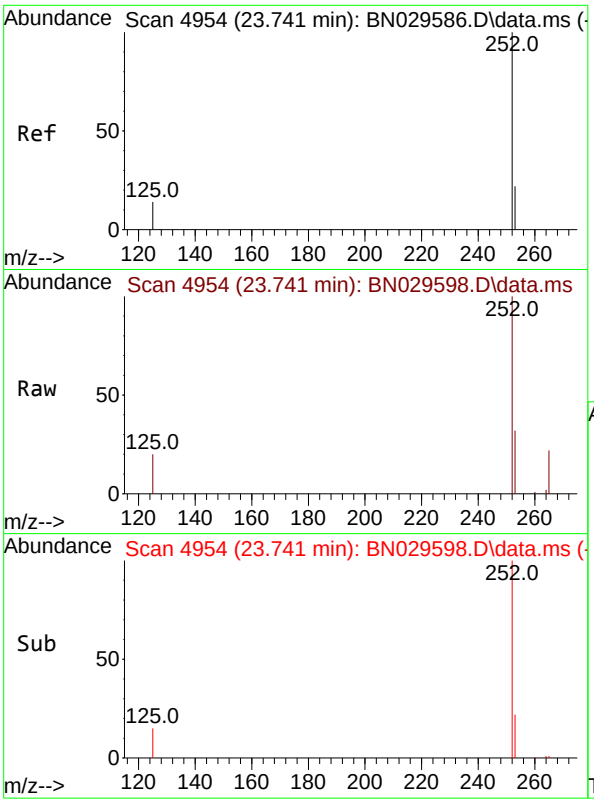


#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.174 min Scan# 4760
Delta R.T. -0.011 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:252 Resp: 16179

Ion	Ratio	Lower	Upper
252	100		
253	28.8	22.6	33.8
125	18.1	15.3	22.9



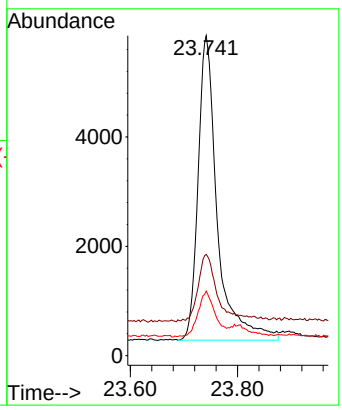


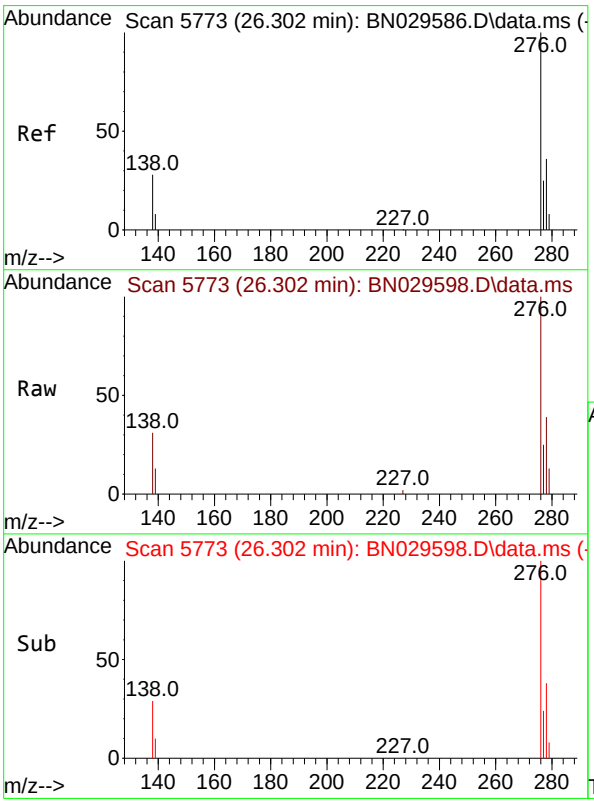
#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.741 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:252 Resp: 13848

Ion	Ratio	Lower	Upper
252	100		
253	31.6	25.4	38.0
125	20.2	16.0	24.0

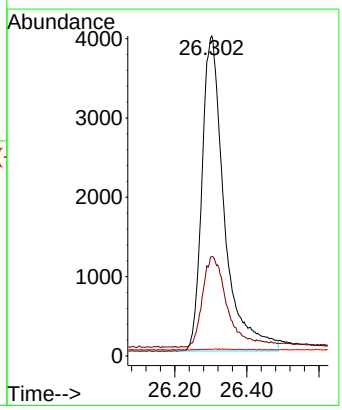


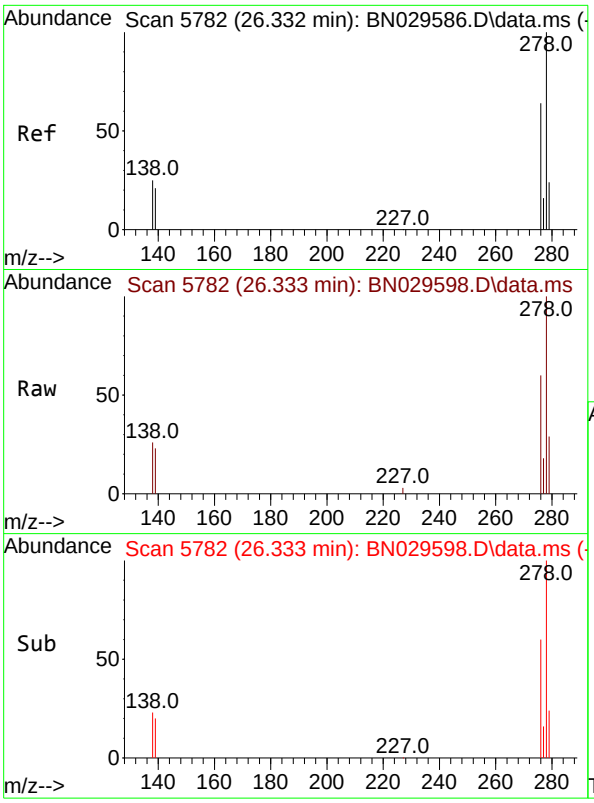


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.302 min Scan# 5773
Delta R.T. -0.016 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:276 Resp: 17133

Ion	Ratio	Lower	Upper
276	100		
138	32.1	0.0	0.0#
227	0.0	0.0	0.0#



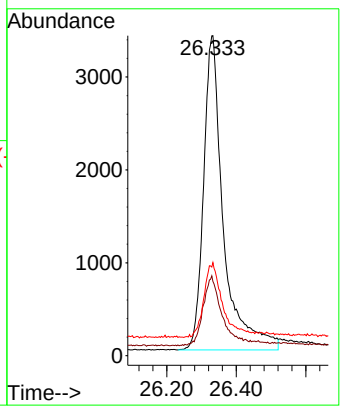


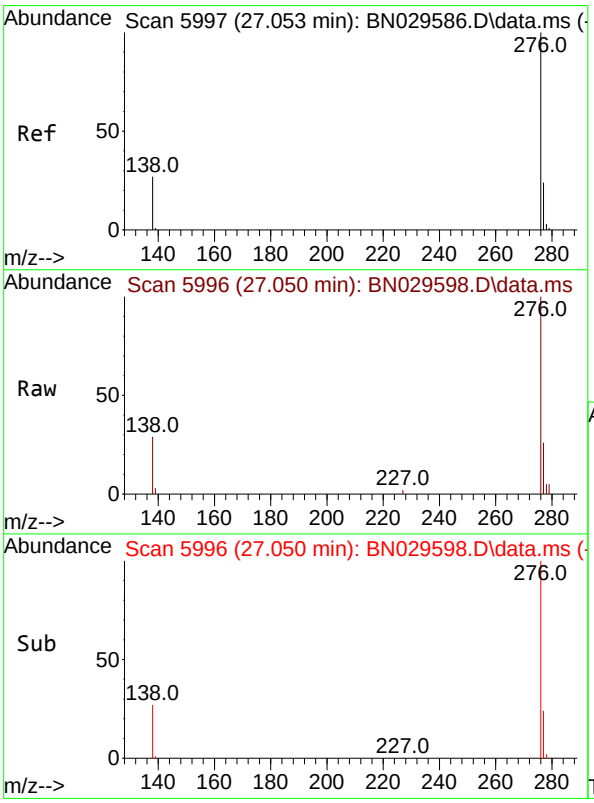
#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 26.333 min Scan# 5
Delta R.T. -0.016 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Instrument :
BNA_N
ClientSampleId :
SLCS770

Tgt Ion:278 Resp: 13431

Ion	Ratio	Lower	Upper
278	100		
139	23.2	19.0	28.4
279	29.1	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 27.050 min Scan# 5996
Delta R.T. -0.013 min
Lab File: BN029598.D
Acq: 09 Feb 2024 03:59

Tgt Ion:276 Resp: 15182

Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.6	37.0
277	25.7	19.7	29.5