Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027871.D
Acq On : 26 Sep 2023 20:57
Operator : MA/JU
Sample : PB155614BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS614

Quant Time: Sep 27 03:01:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	2224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	7803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	5356	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	13008	0.400	ng/ul	0.02
17) Chrysene-d12	21.542	240	13388	0.400	ng/ul	0.02
23) Perylene-d12	24.015	264	15286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2209	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	5411	0.458	ng/ul	0.01
18) Fluoranthene-d10	19.380	212	15905	0.389	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.368	88	6665	2.286	ng/ul#	86
5) Naphthalene	10.834	128	8531	0.383	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	5797	0.410	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	5719	0.392	ng/ul	99
10) Acenaphthylene	14.333	152	9089	0.388	ng/ul	100
11) Acenaphthene	14.670	153	7221	0.357	ng/ul	98
12) Fluorene	15.656	166	8625	0.363	ng/ul	100
14) Pentachlorophenol	16.987	266	2702	0.888	ng/ul	98
15) Phenanthrene	17.401	178	14831	0.363	ng/ul	99
16) Anthracene	17.494	178	12887	0.377	ng/ul	99
19) Fluoranthene	19.413	202	18033	0.333	ng/ul	99
20) Pyrene	19.780	202	18954	0.340	ng/ul	99
21) Benzo(a)anthracene	21.524	228	19832	0.383	ng/ul	100
22) Chrysene	21.580	228	19859	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.249	252	21889	0.321	ng/ul	96
25) Benzo(k)fluoranthene	23.296	252	22466	0.340	ng/ul	96
26) Benzo(a)pyrene	23.901	252	21049	0.384	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.613	276	27234	0.388	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.636	278	22281	0.394	ng/ul	98
29) Benzo(g,h,i)perylene	27.425	276	22729	0.381	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027871.D
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Operator : MA/JU
Sample : PB155614BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS614

Quant Time: Sep 27 03:01:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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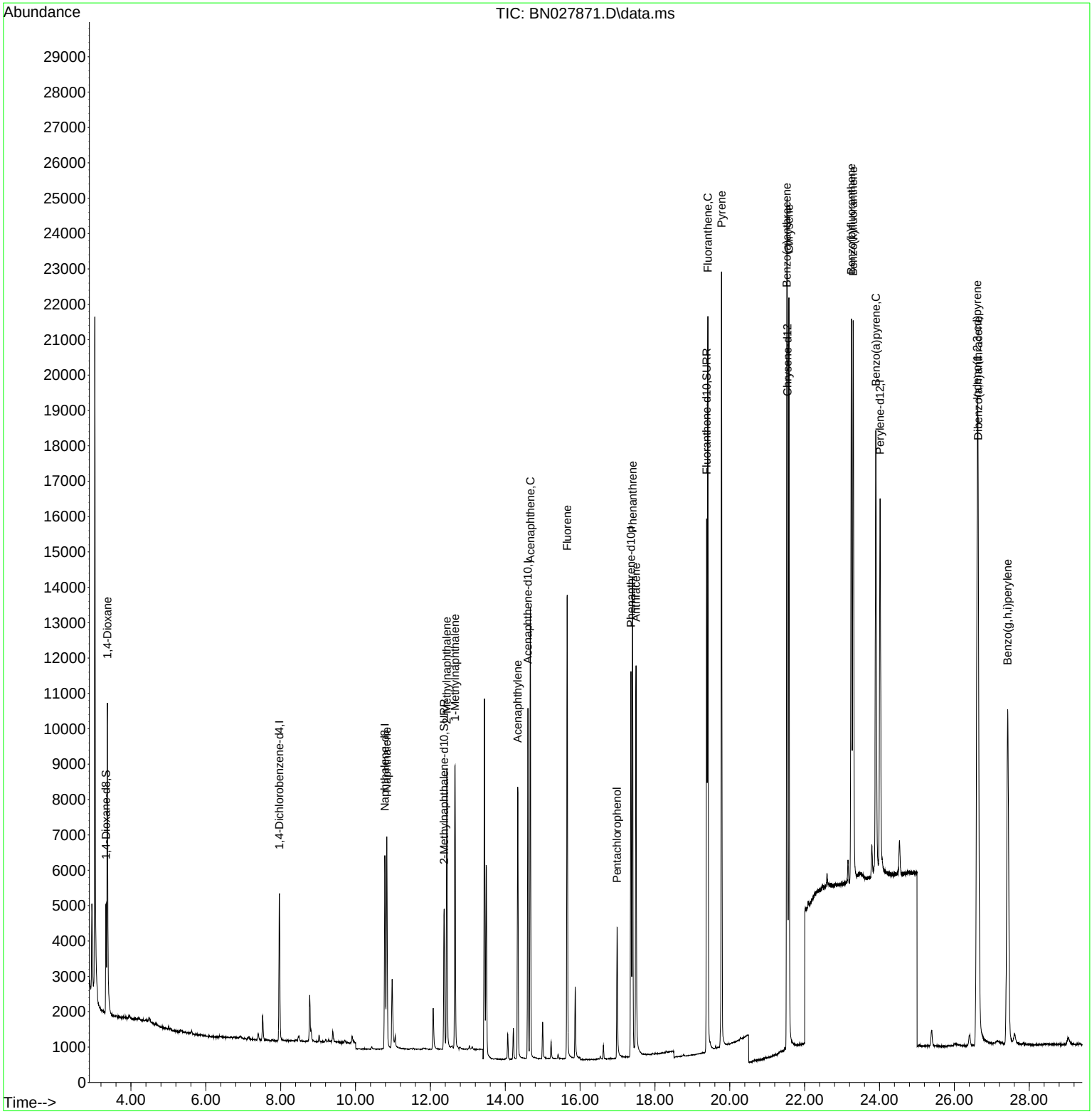
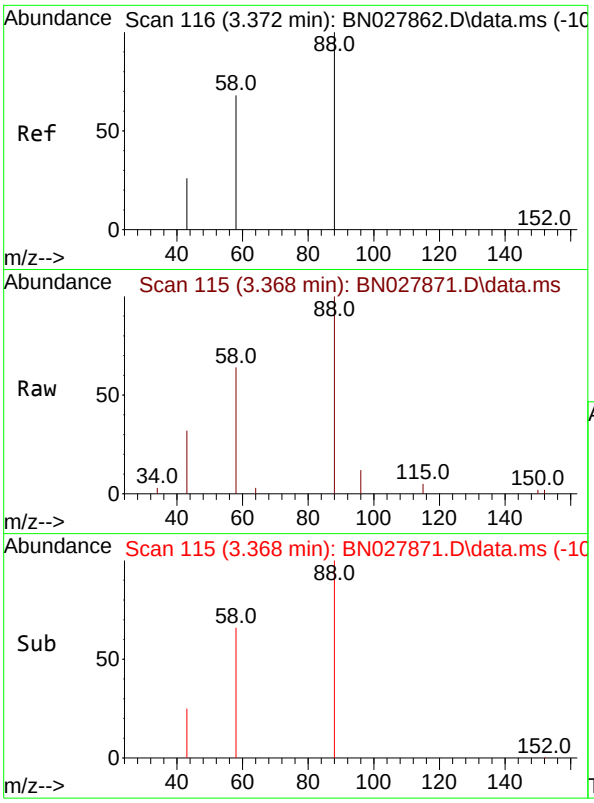


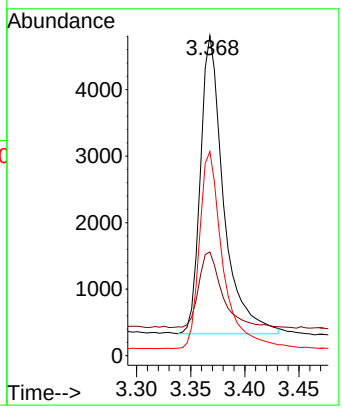


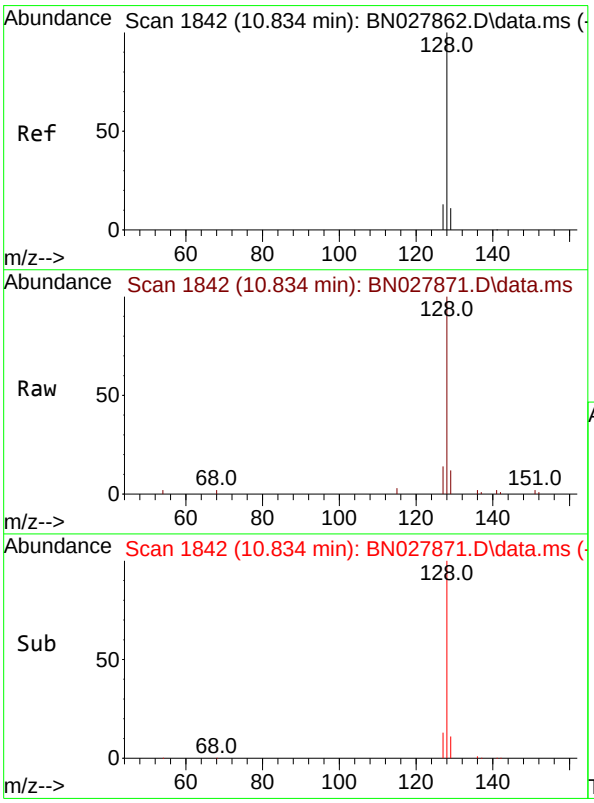
#2
1,4-Dioxane
Concen: 2.286 ng/ul
RT: 3.368 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion: 88 Resp: 6665

Ion	Ratio	Lower	Upper
88	100		
43	32.4	39.6	59.4#
58	63.8	48.3	72.5

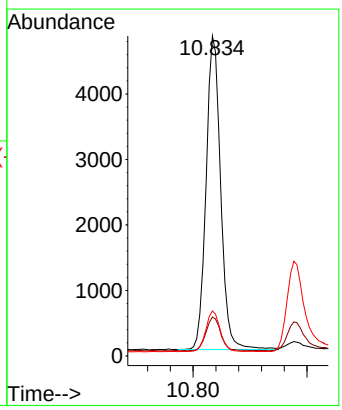


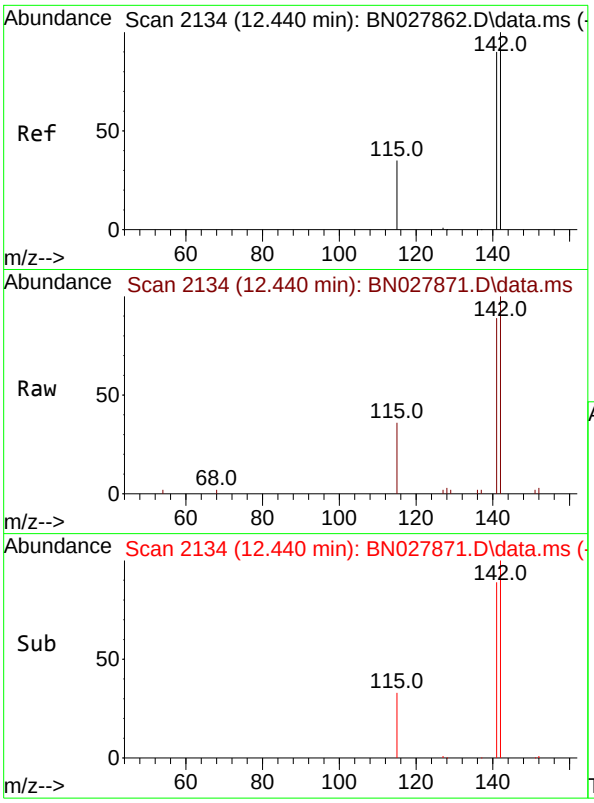


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:128 Resp: 8531

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.1	10.7	16.1



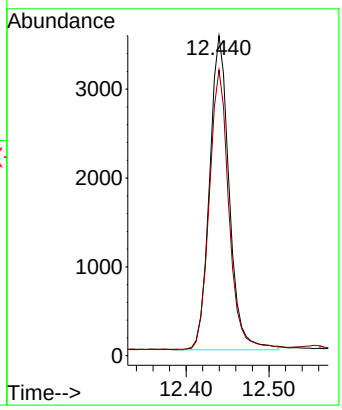


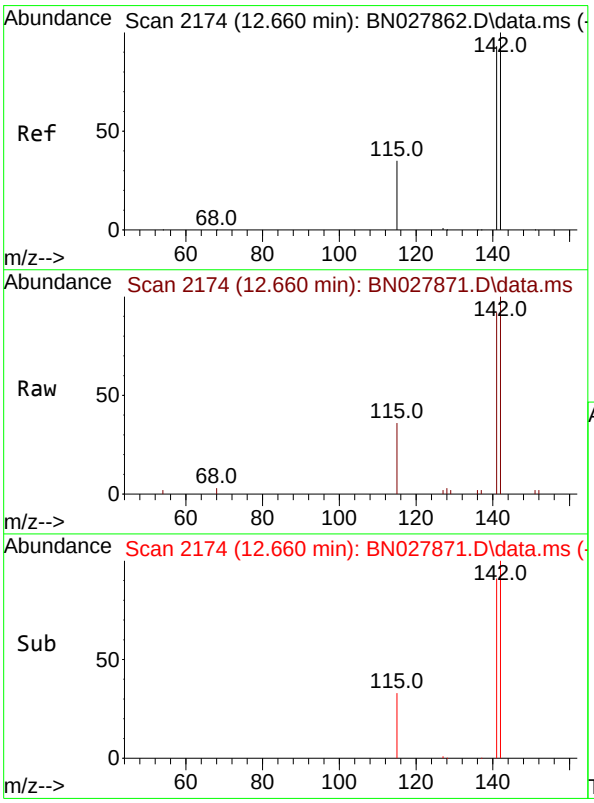
#7
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.440 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:142 Resp: 5797

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7

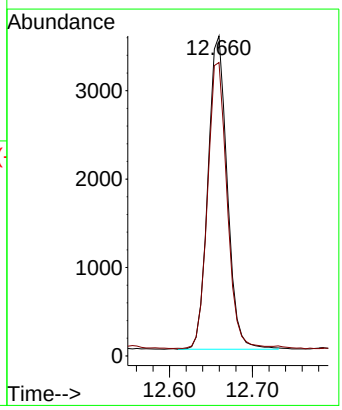


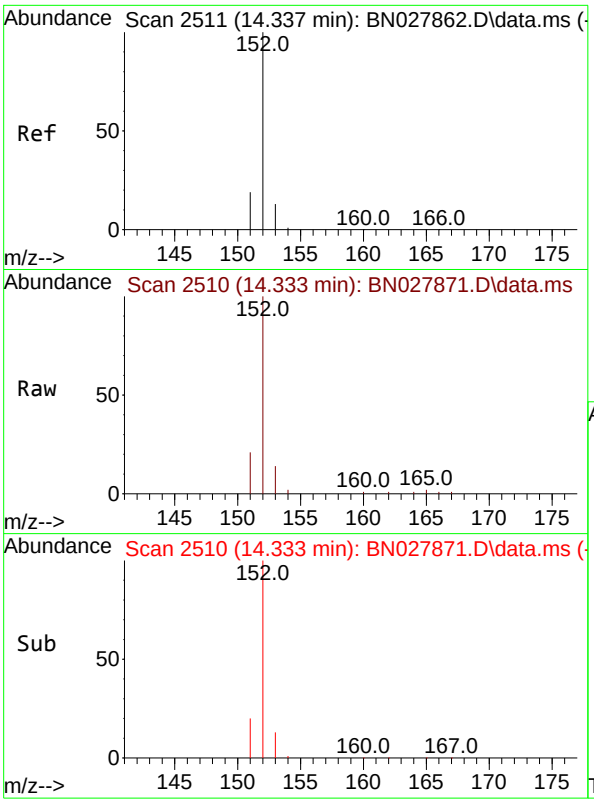


#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:142 Resp: 5719

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.8	109.2



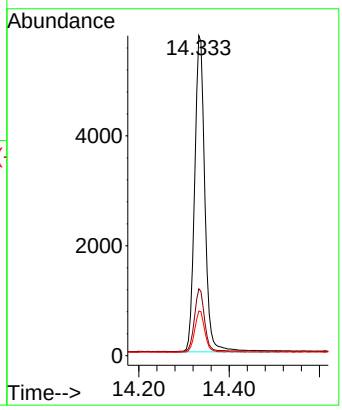


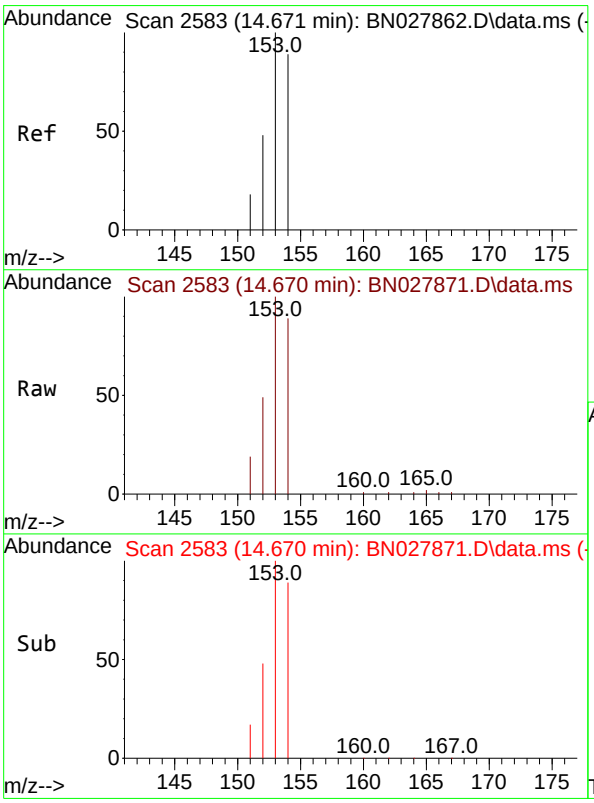
#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.333 min Scan# 2
Delta R.T. 0.013 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:152 Resp: 9089

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.9	11.0	16.6

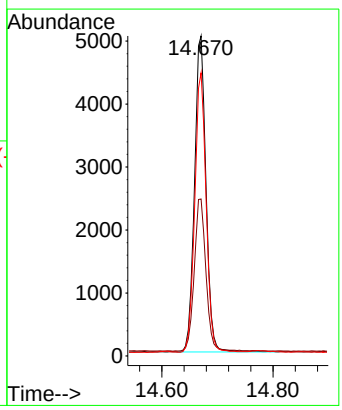


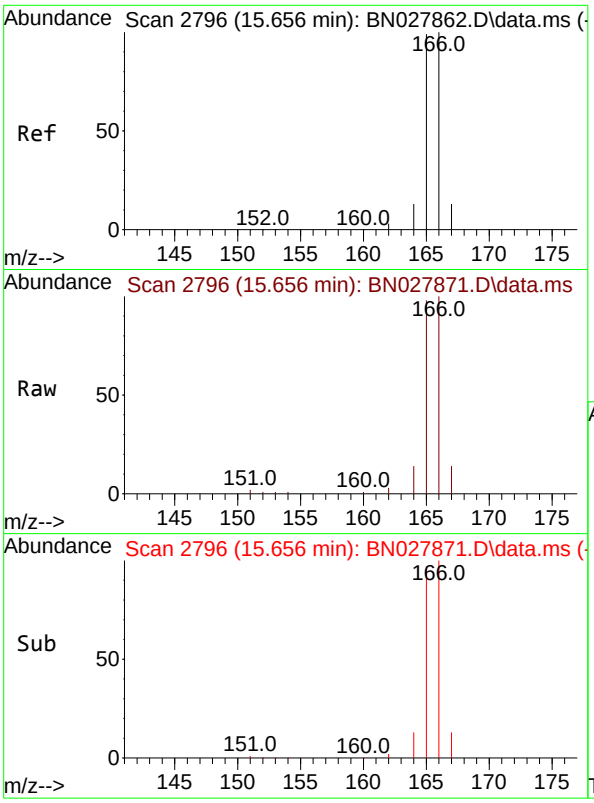


#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.670 min Scan# 2583
Delta R.T. 0.018 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:153 Resp: 7221

Ion	Ratio	Lower	Upper
153	100		
152	49.0	41.7	62.5
154	88.5	70.3	105.5



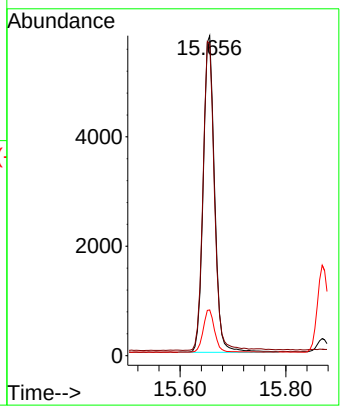


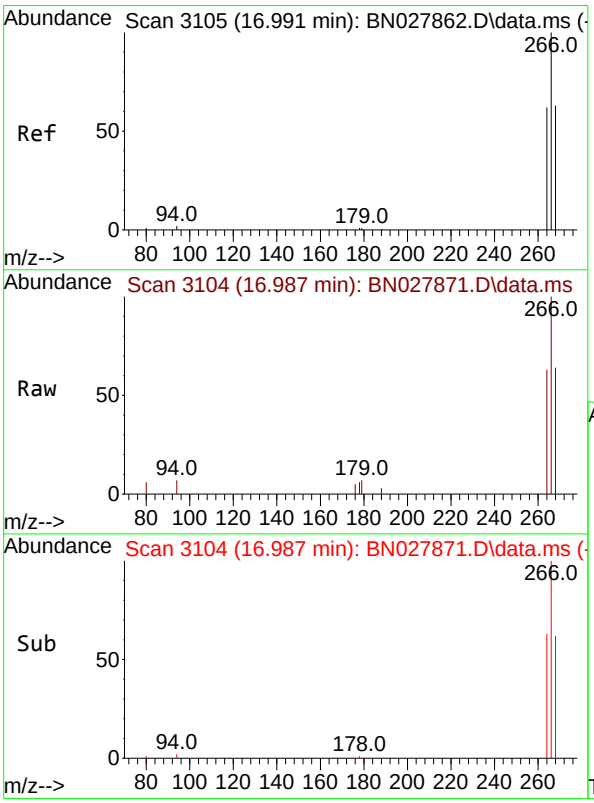
#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. 0.018 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:166 Resp: 8625

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	14.3	11.4	17.2

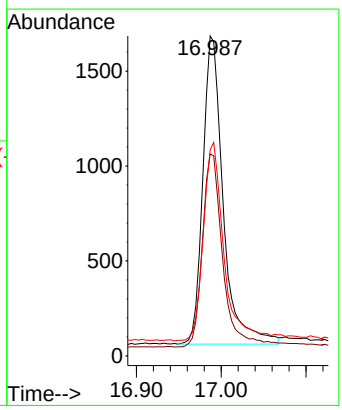


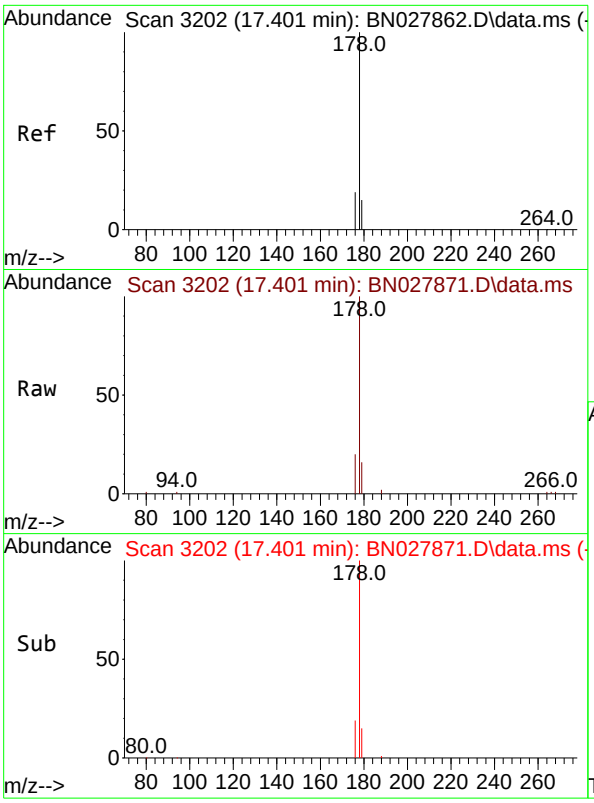


#14
Pentachlorophenol
Concen: 0.888 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.016 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:266 Resp: 2702

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.6	74.4
268	65.7	50.7	76.1



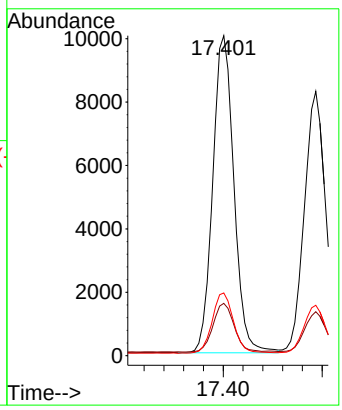


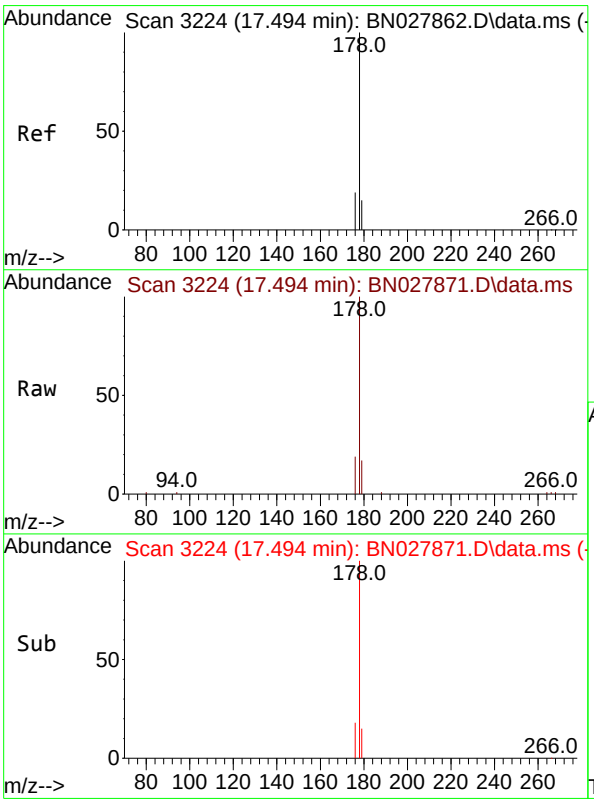
#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.401 min Scan# 3
Delta R.T. 0.016 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:178 Resp: 14831

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	19.6	16.0	24.0

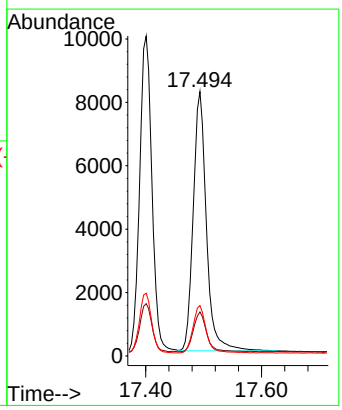


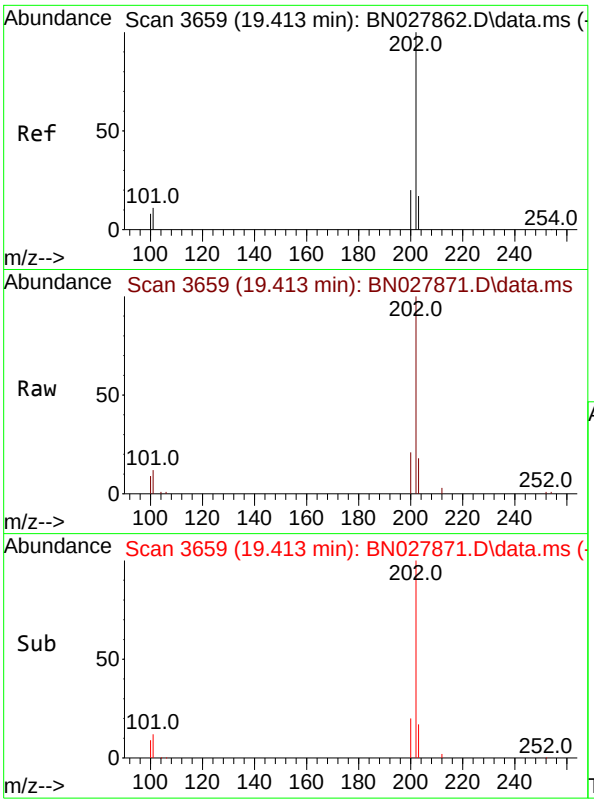


#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.494 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:178 Resp: 12887

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	19.1	15.5	23.3



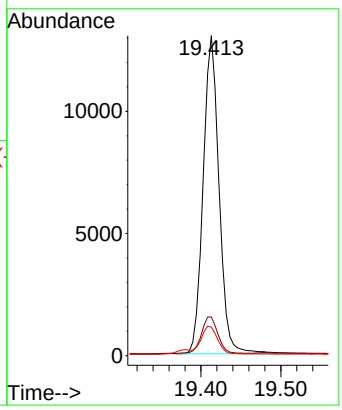


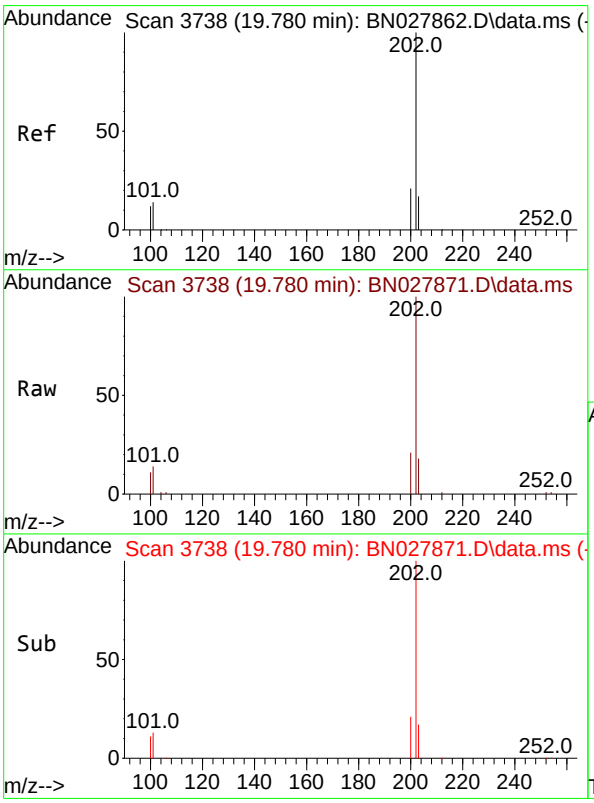
#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. 0.018 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:202 Resp: 18033

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.0	7.0	10.4

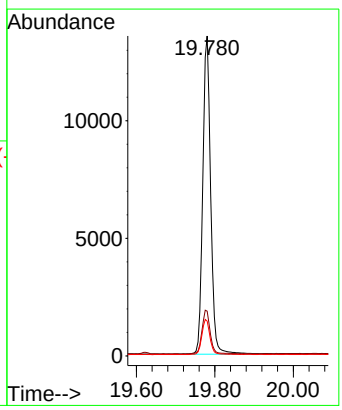


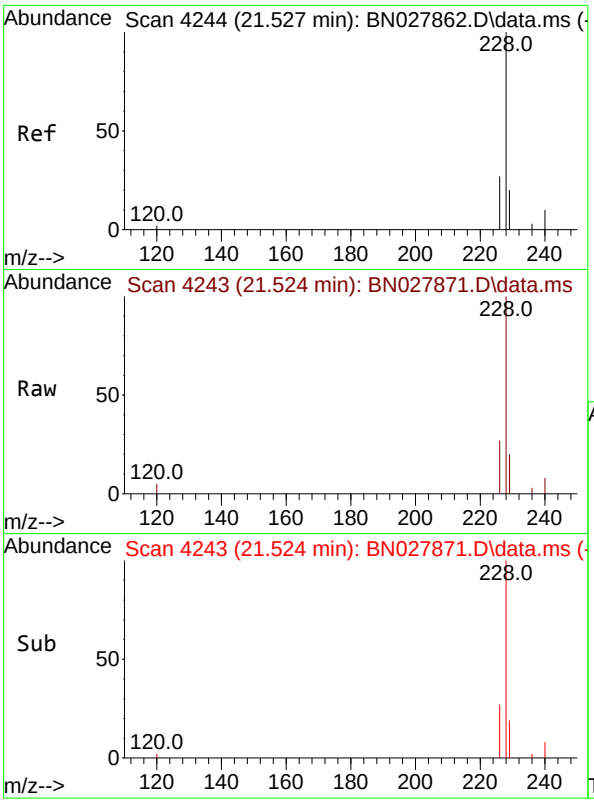


#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:202 Resp: 18954

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.4	17.0
100	10.9	9.1	13.7



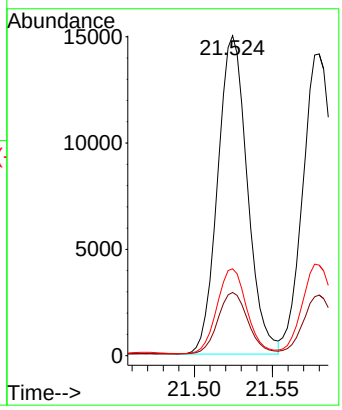


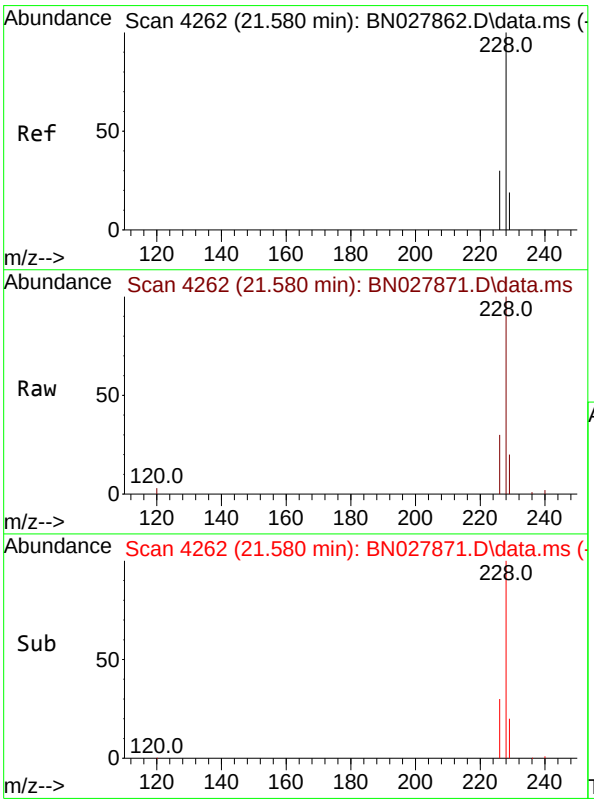
#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.524 min Scan# 4
Delta R.T. 0.021 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:228 Resp: 19832

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.2	22.0	33.0

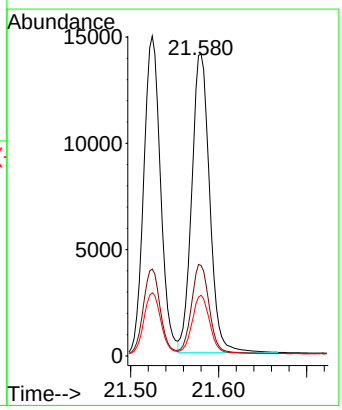


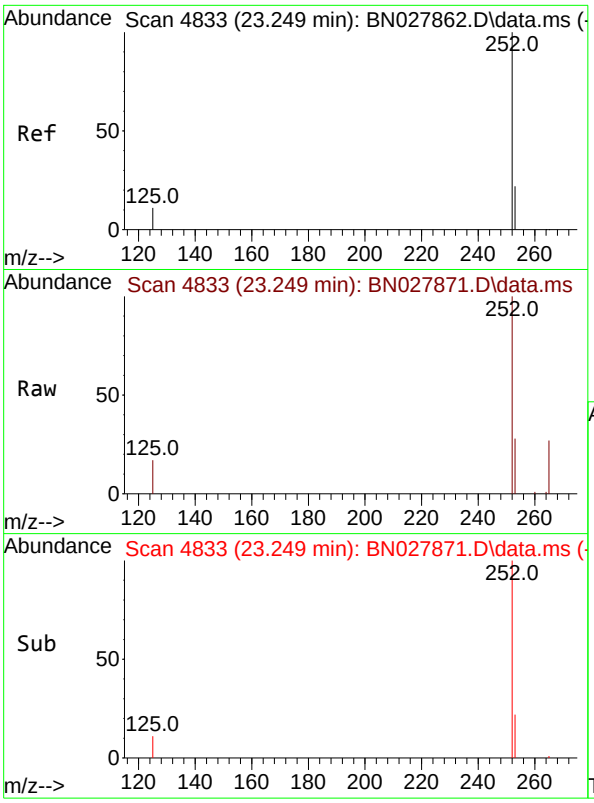


#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.021 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:228 Resp: 19859

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	20.1	16.0	24.0



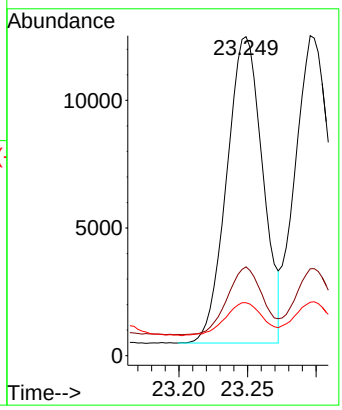


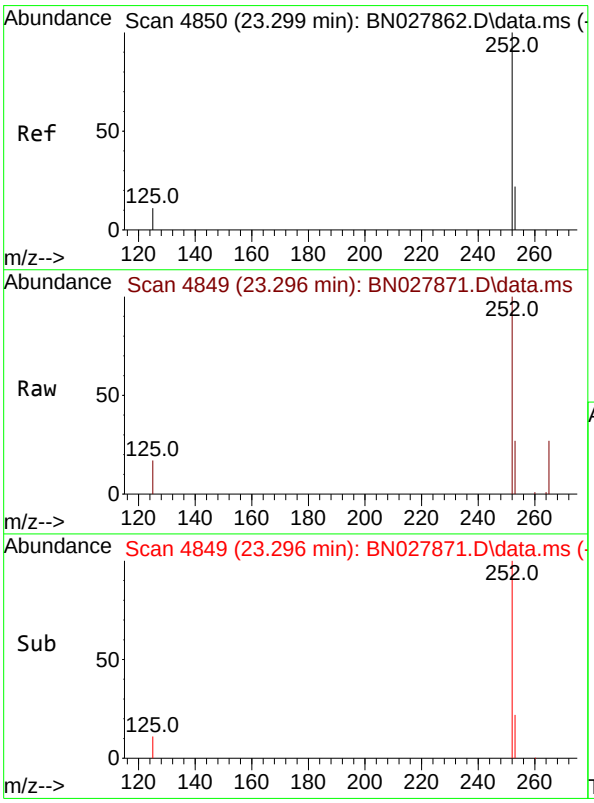
#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.249 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:252 Resp: 21889

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	50.2
125	16.6	0.0	31.4

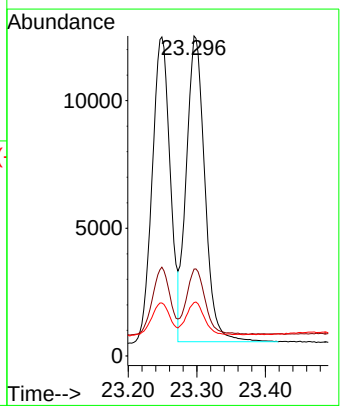


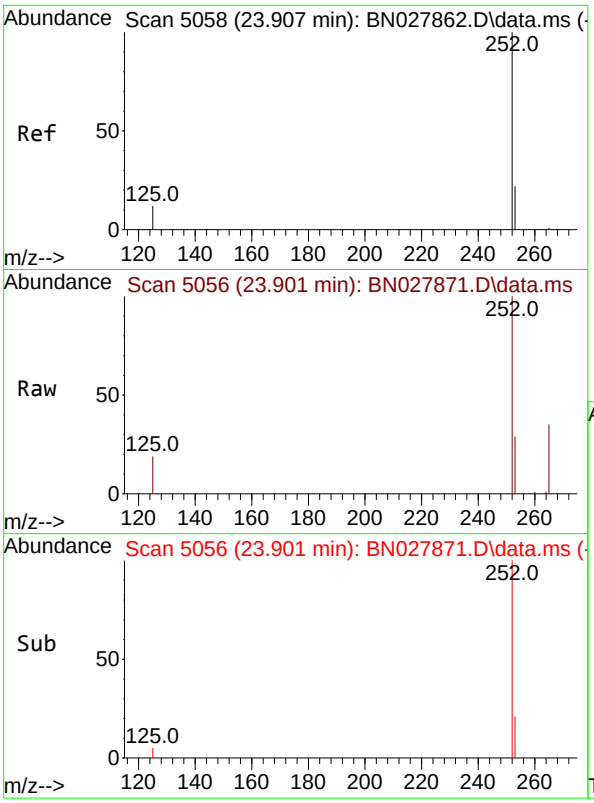


#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:252 Resp: 22466

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.9	29.9
125	16.7	12.6	19.0



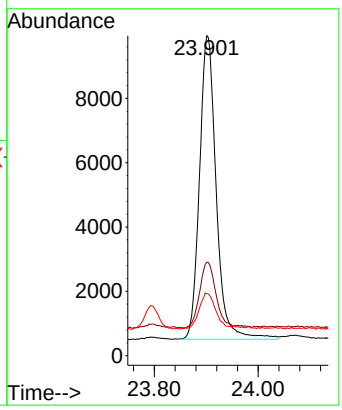


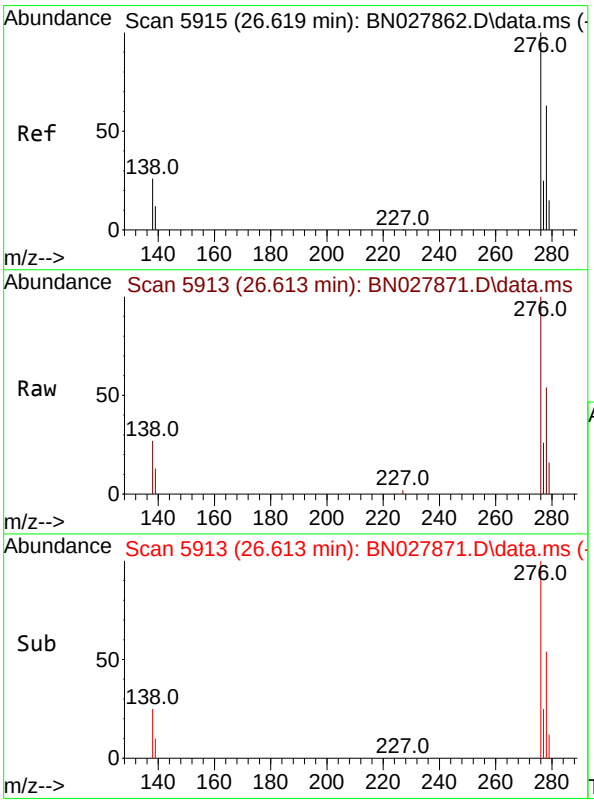
#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.901 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:252 Resp: 21049

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.9	32.9
125	19.4	15.5	23.3

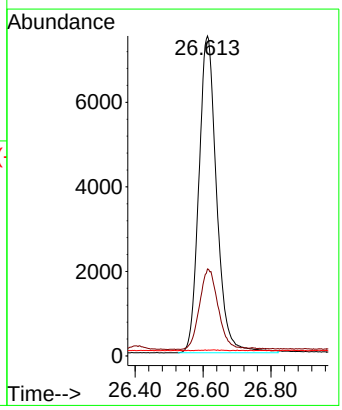


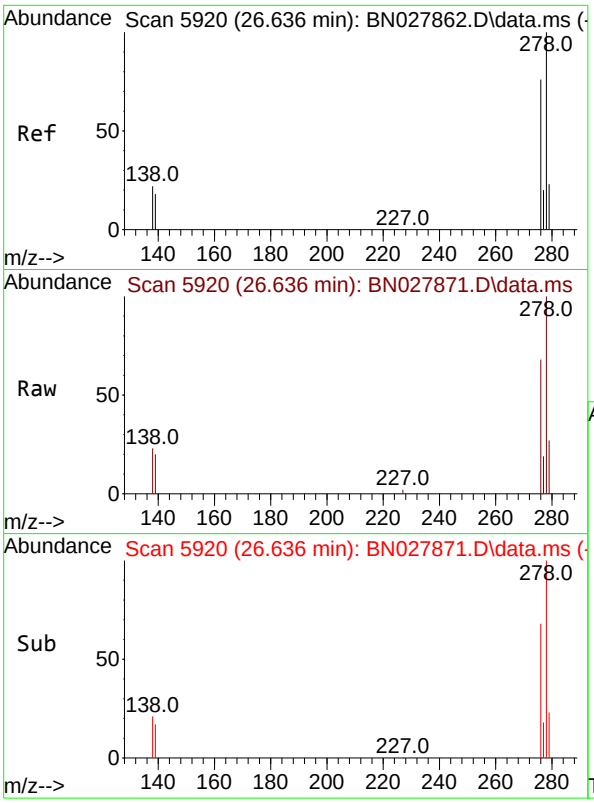


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 26.613 min Scan# 5913
Delta R.T. -0.020 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:276 Resp: 27234

Ion	Ratio	Lower	Upper
276	100		
138	26.7	24.3	36.5
227	0.0	0.0	0.0#



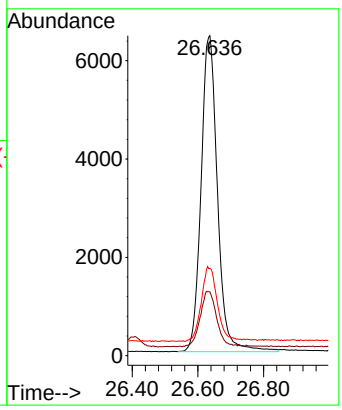


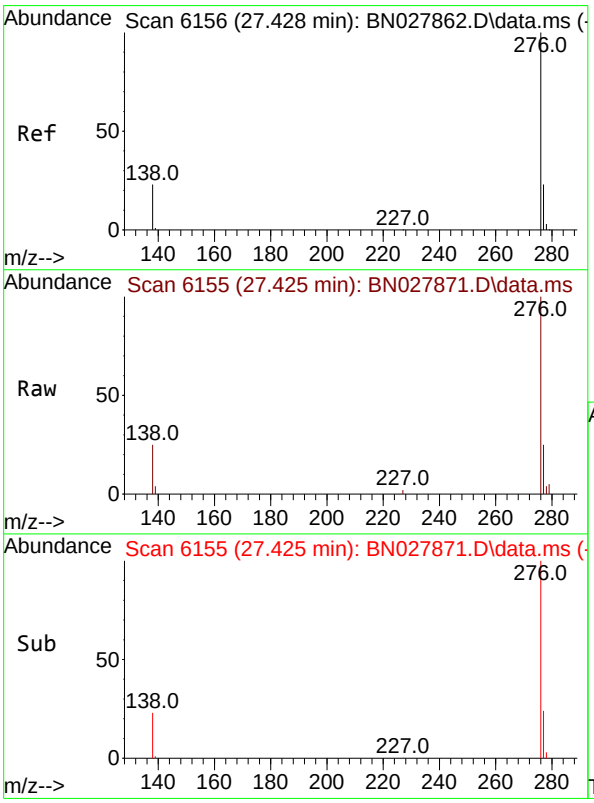
#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 26.636 min Scan# 5
Delta R.T. -0.020 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS614

Tgt Ion:278 Resp: 22281

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.2	25.8
279	27.3	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.425 min Scan# 6155
Delta R.T. -0.030 min
Lab File: BN027871.D
Acq: 26 Sep 2023 20:57

Tgt Ion:276 Resp: 22729

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.7	32.5
277	25.4	20.2	30.2