Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090823\
Data File : BN027478.D
Acq On : 08 Sep 2023 16:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 09 00:25:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 03:55:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	5487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	17237	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	25389	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	23239	0.400	ng/ul	0.00
23) Perylene-d12	24.108	264	22917	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2717	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	10780	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	28314	0.356	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	2801	0.379	ng/ul#	86
5) Naphthalene	10.916	128	18926	0.379	ng/ul	100
7) 2-Methylnaphthalene	12.511	142	12596	0.403	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	13131	0.394	ng/ul	100
10) Acenaphthylene	14.402	152	19096	0.391	ng/ul	99
11) Acenaphthene	14.740	153	15253	0.363	ng/ul	97
12) Fluorene	15.721	166	17993	0.383	ng/ul	98
14) Pentachlorophenol	17.054	266	2497	0.504	ng/ul	99
15) Phenanthrene	17.468	178	30727	0.372	ng/ul	99
16) Anthracene	17.557	178	26827	0.408	ng/ul	99
19) Fluoranthene	19.473	202	36570	0.342	ng/ul	99
20) Pyrene	19.840	202	37853	0.348	ng/ul	95
21) Benzo(a)anthracene	21.580	228	35220	0.421	ng/ul	100
22) Chrysene	21.635	228	35423	0.362	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	35556	0.329	ng/ul	97
25) Benzo(k)fluoranthene	23.377	252	34156	0.323	ng/ul	97
26) Benzo(a)pyrene	23.994	252	29767	0.352	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.753	276	34663	0.369	ng/ul	95
28) Dibenzo(a,h)anthracene	26.777	278	27994	0.390	ng/ul	96
29) Benzo(g,h,i)perylene	27.582	276	28298	0.334	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090823\
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Misc :
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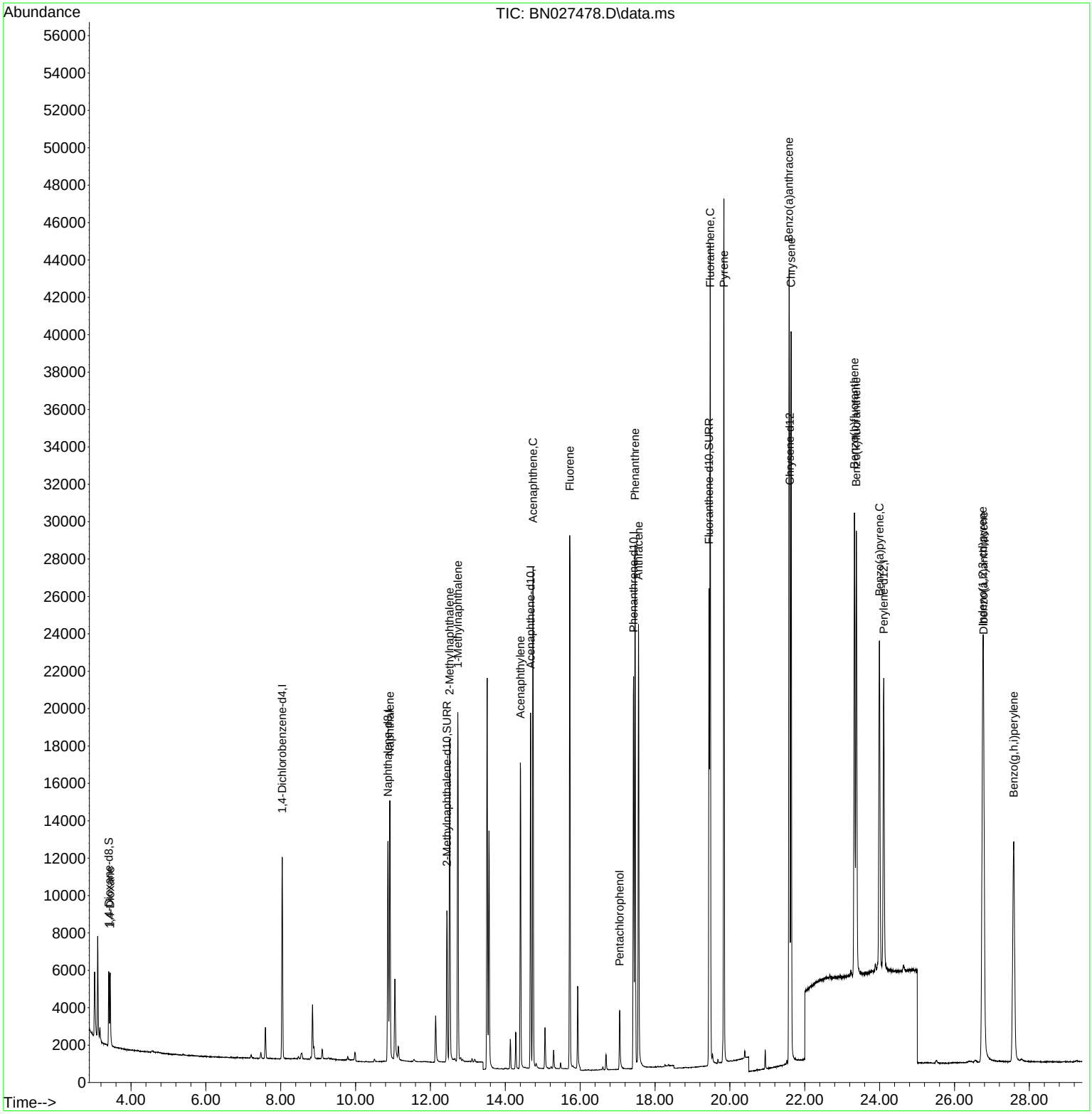
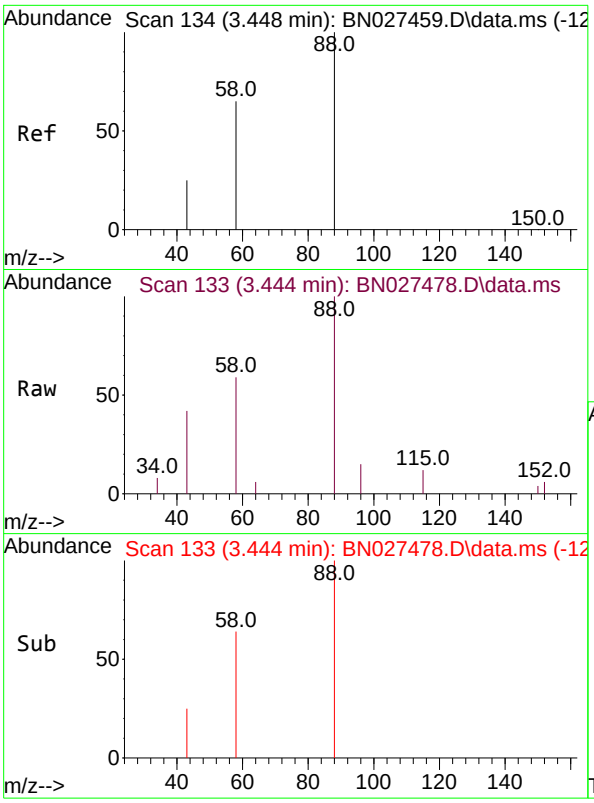
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 03:55:54 2023
Response via : Initial Calibration



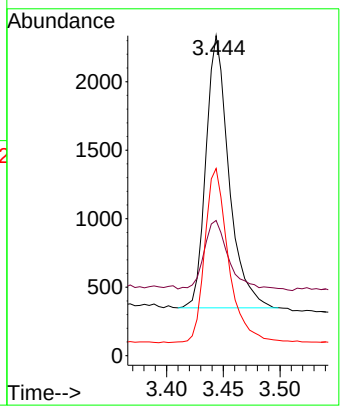


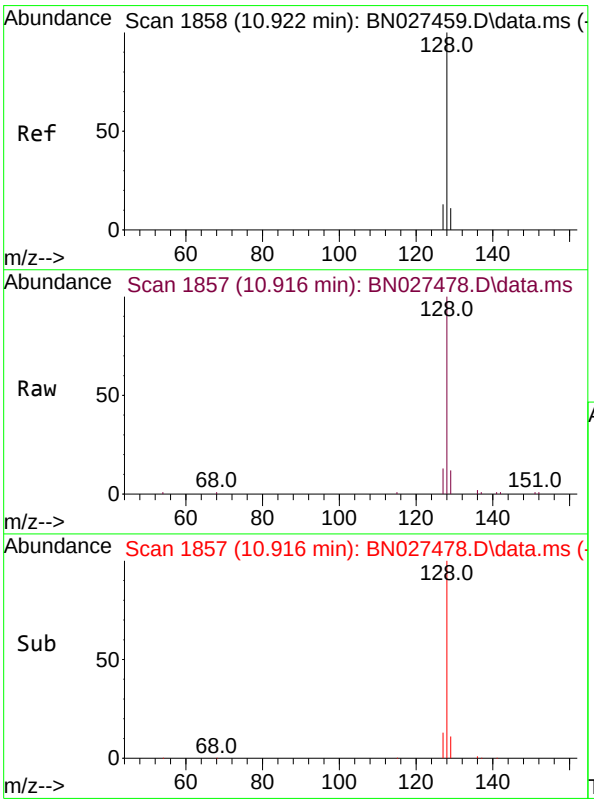
#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.444 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2801

Ion	Ratio	Lower	Upper
88	100		
43	42.3	26.8	40.2#
58	58.5	39.9	59.9

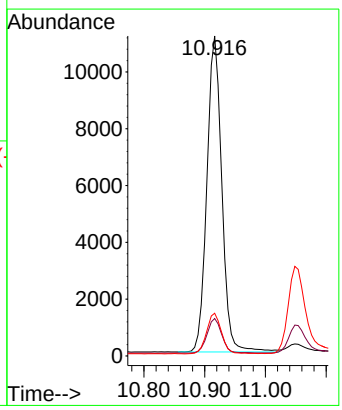


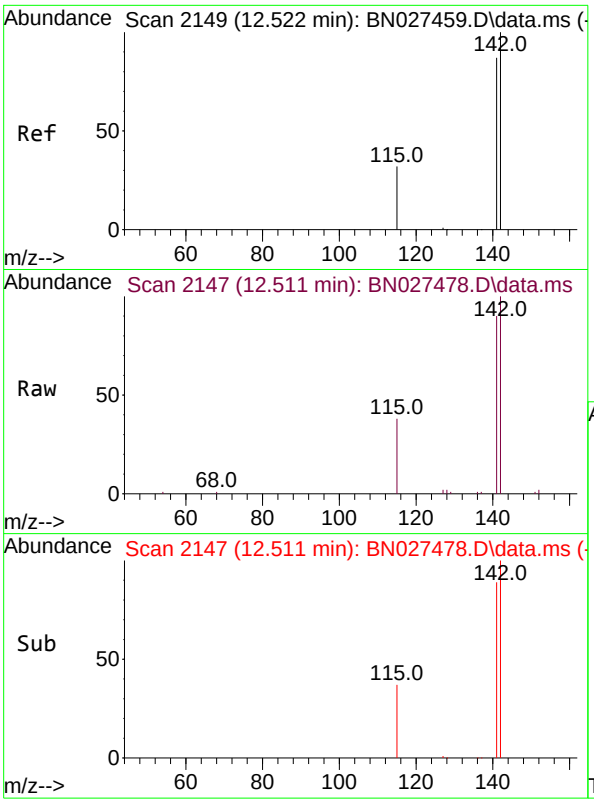


#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:128 Resp: 18926

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.4	10.6	16.0



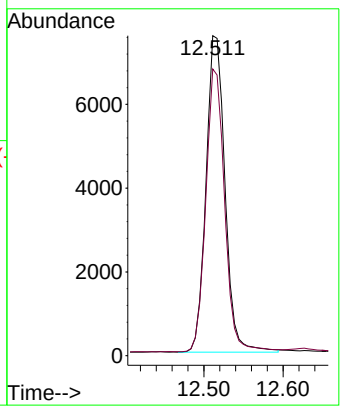


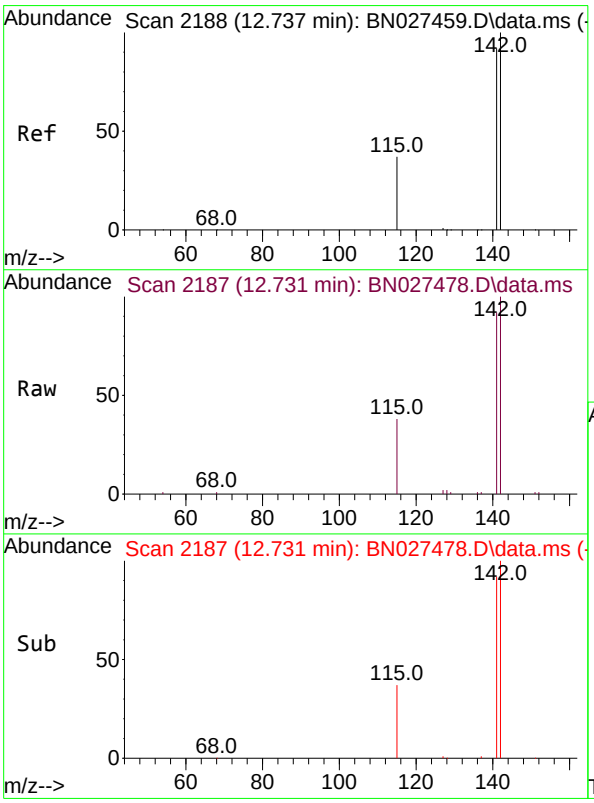
#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.511 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 12596

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4

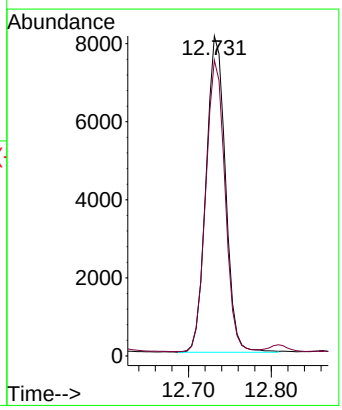


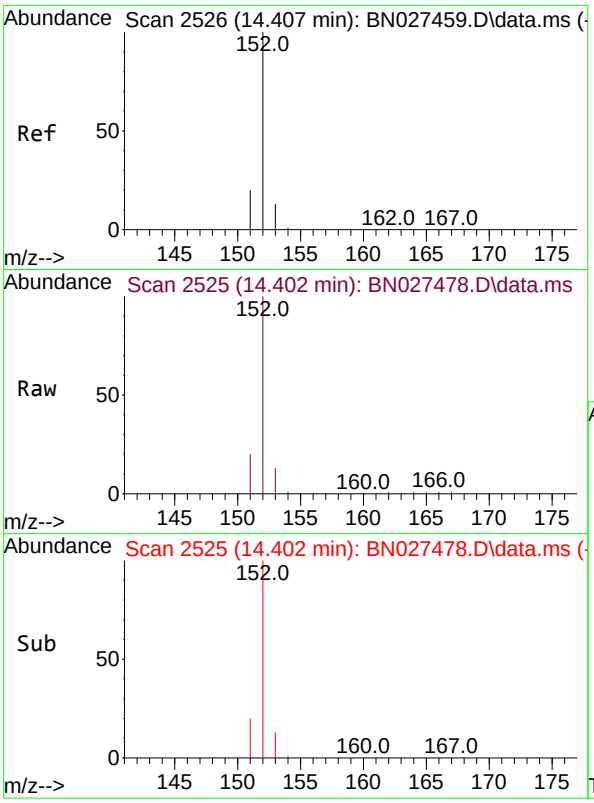


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:142 Resp: 13131

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4



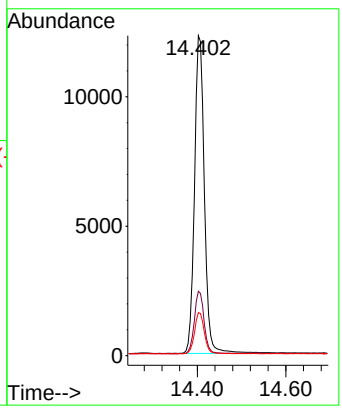


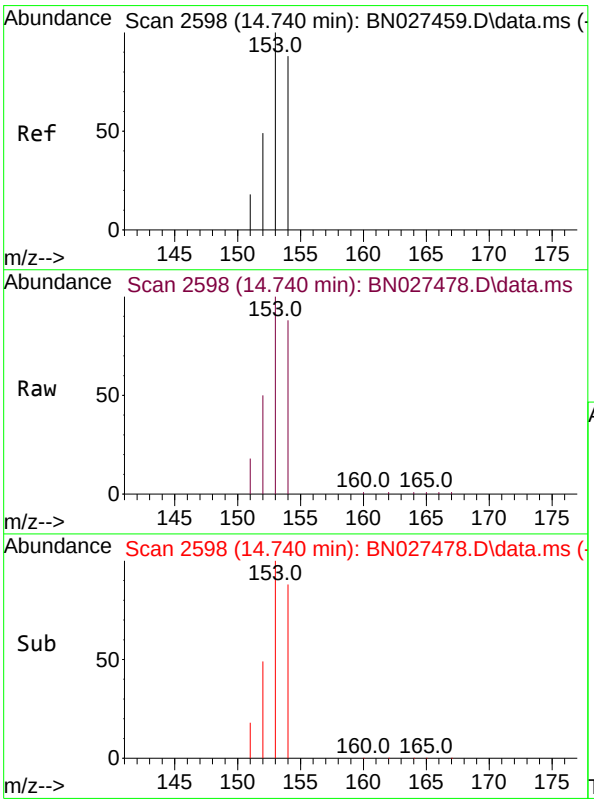
#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.402 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 19096

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.5	11.1	16.7

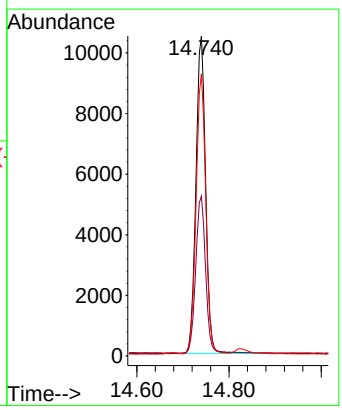


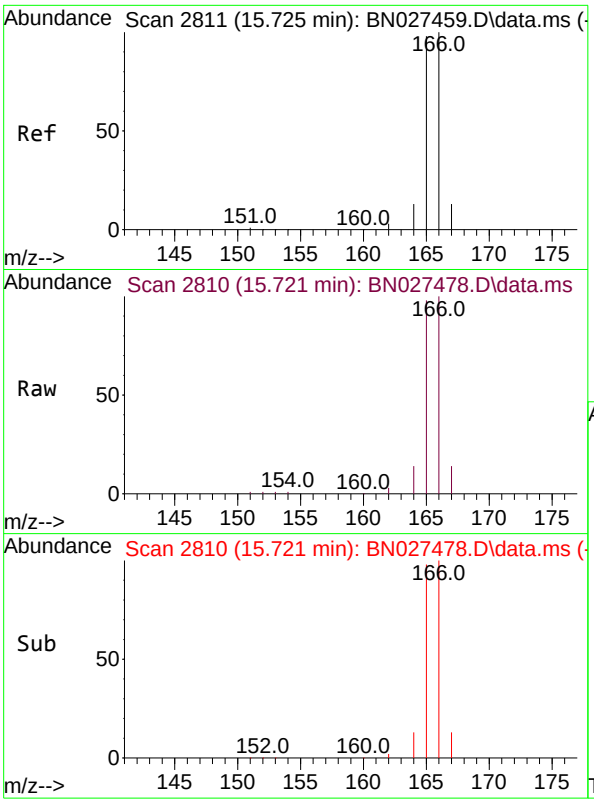


#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:153 Resp: 15253

Ion	Ratio	Lower	Upper
153	100		
152	50.0	42.9	64.3
154	88.2	69.4	104.0



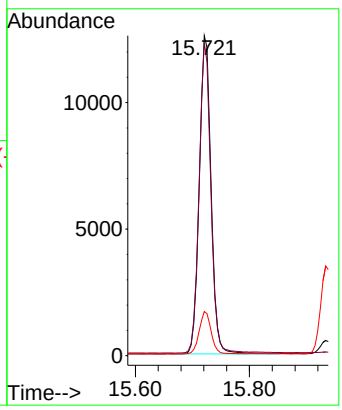


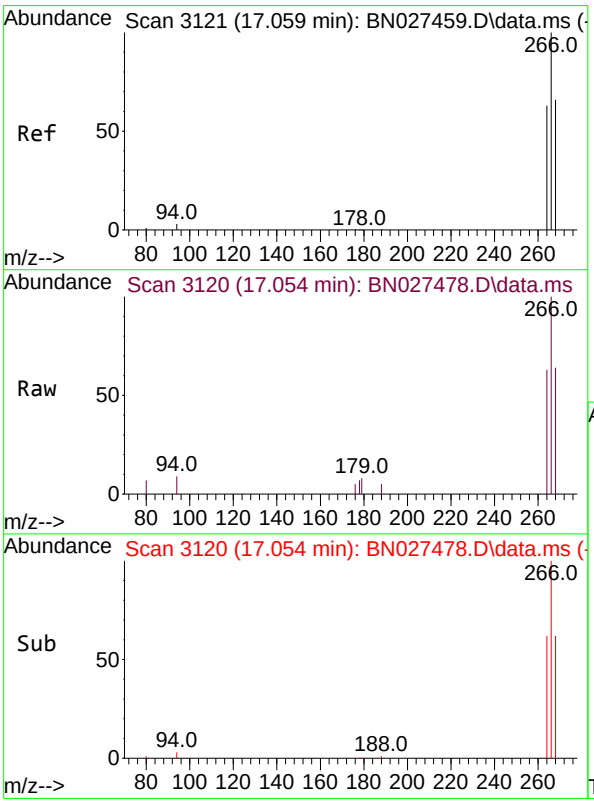
#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.721 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 17993

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.6	119.4
167	13.8	11.4	17.0

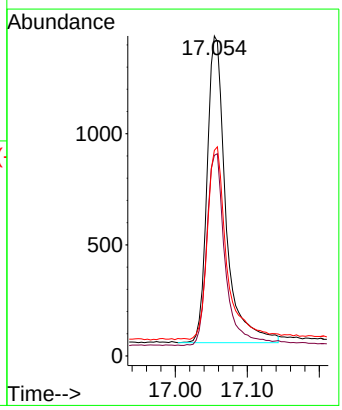


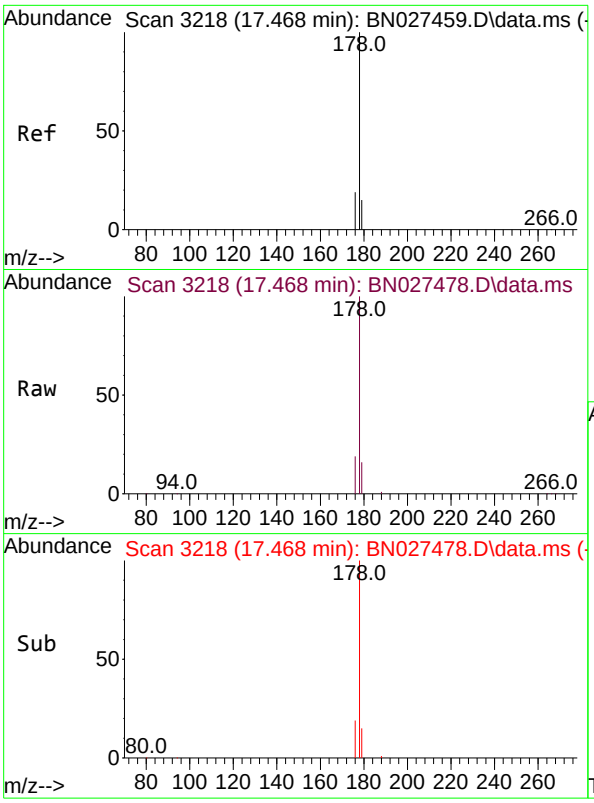


#14
Pentachlorophenol
Concen: 0.504 ng/ul
RT: 17.054 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:266 Resp: 2497

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.4	75.6
268	64.9	51.9	77.9



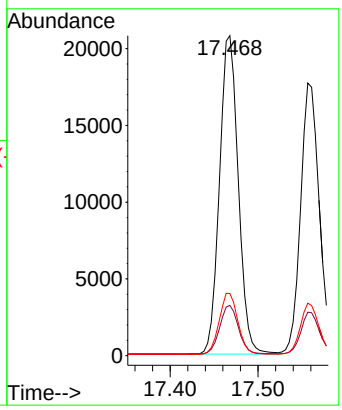


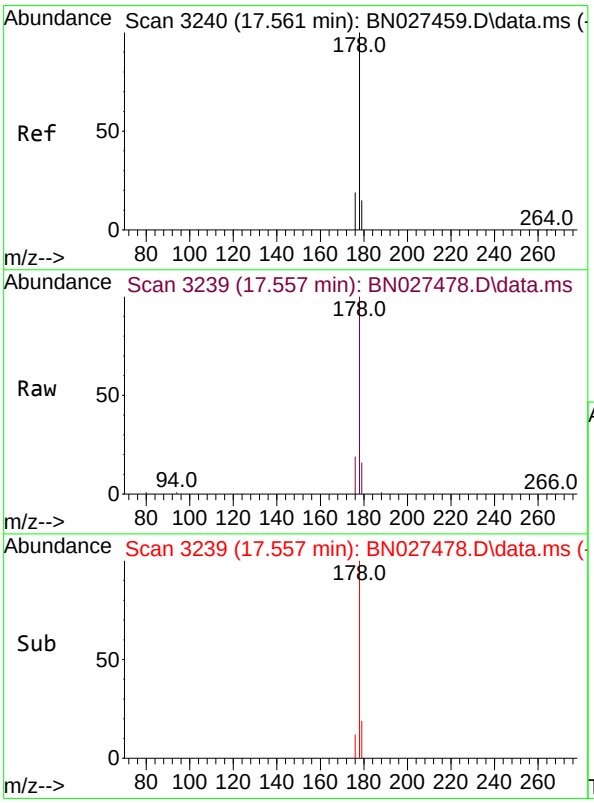
#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 30727

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.5	15.8	23.8

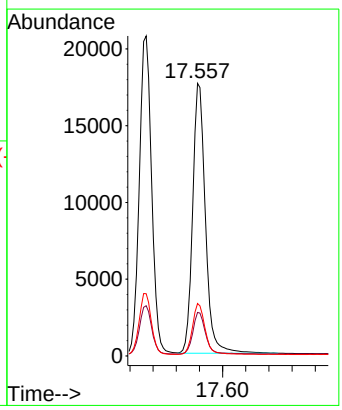


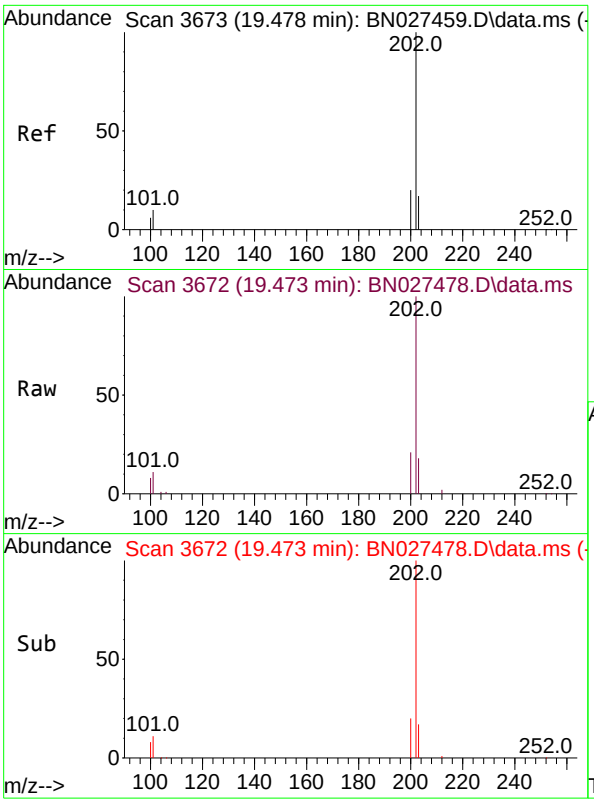


#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.557 min Scan# 3239
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:178 Resp: 26827

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.2	15.6	23.4



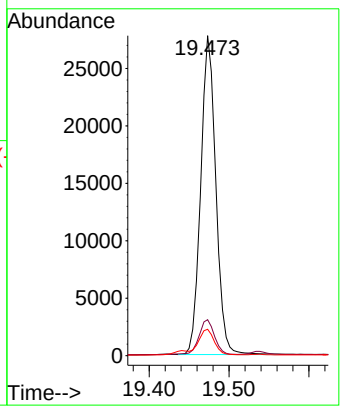


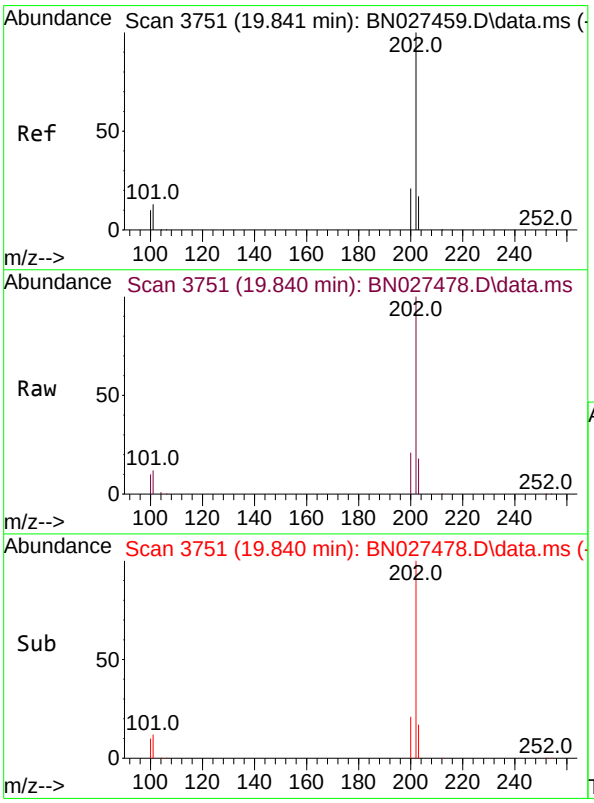
#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 36570

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.4	14.0
100	8.3	6.9	10.3

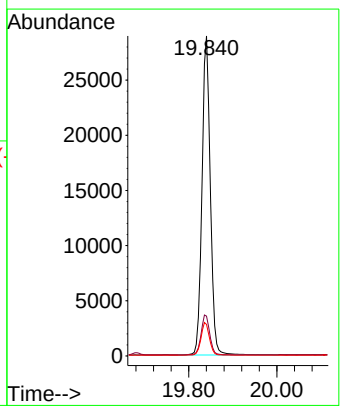


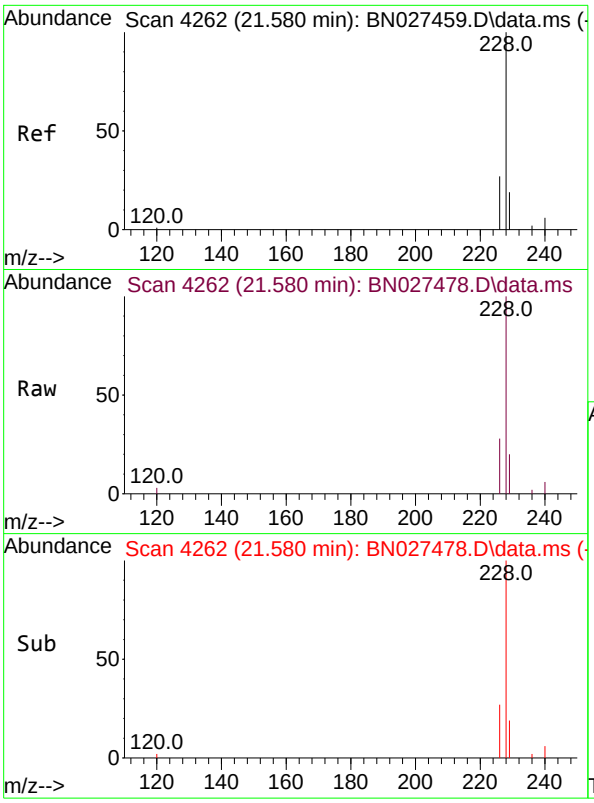


#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.840 min Scan# 3751
Delta R.T. -0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:202 Resp: 37853

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.4	17.2
100	9.8	9.4	14.2



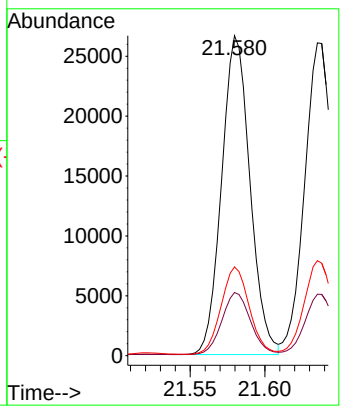


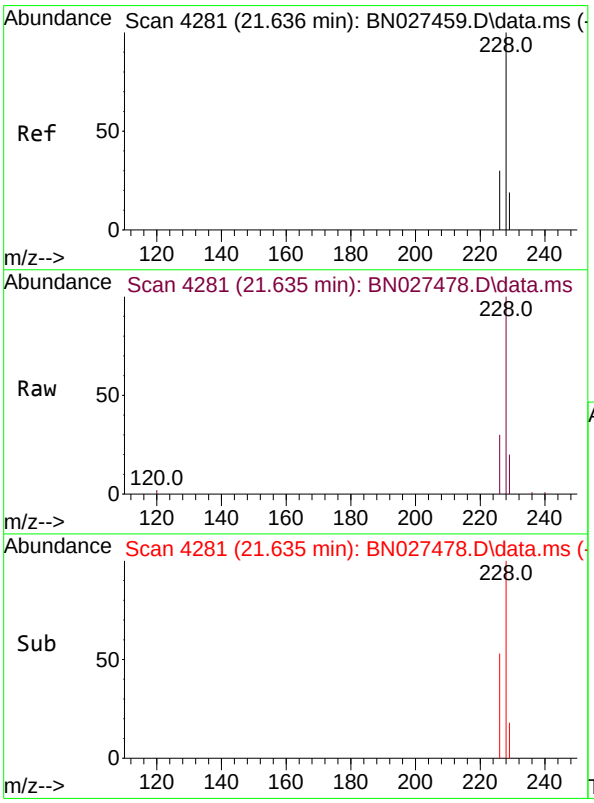
#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.580 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 35220

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.8	22.0	33.0

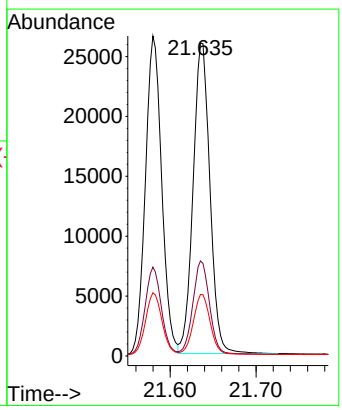


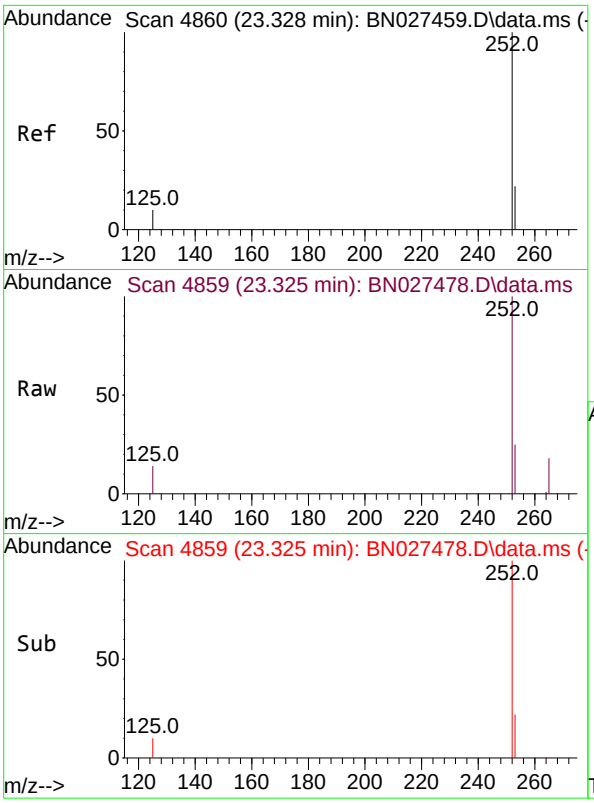


#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. -0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:228 Resp: 35423

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.7	15.6	23.4



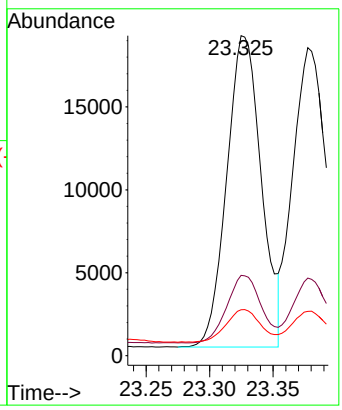


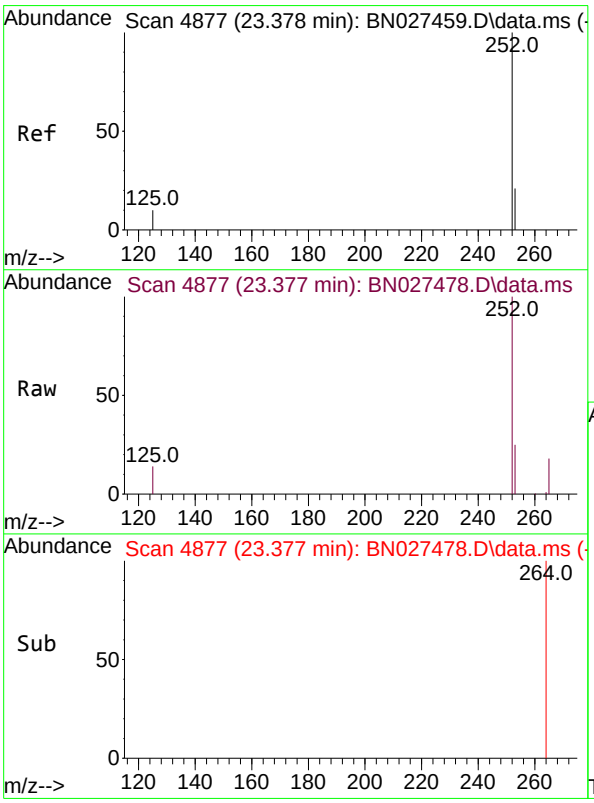
#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 23.325 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 35556

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	49.6
125	14.3	0.0	33.8

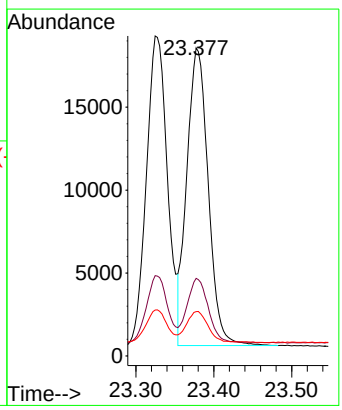


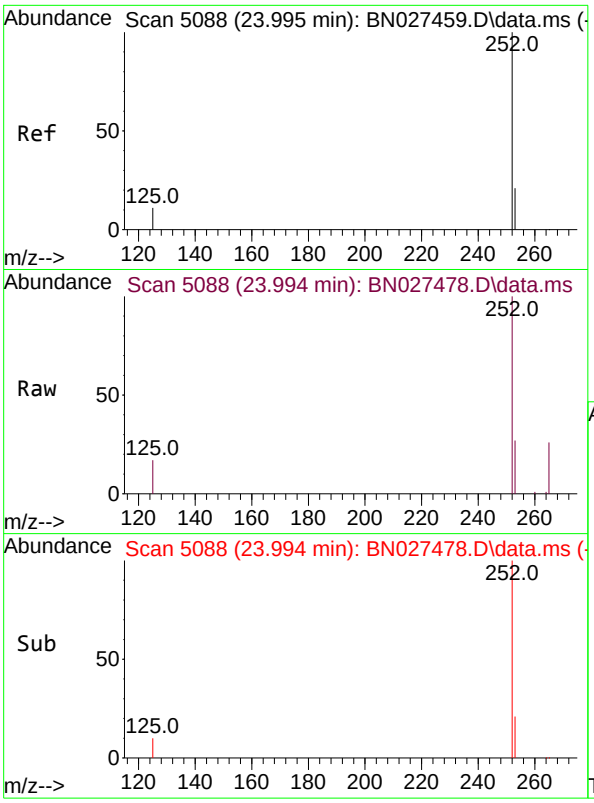


#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.377 min Scan# 4877
Delta R.T. -0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:252 Resp: 34156

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	14.4	13.6	20.4



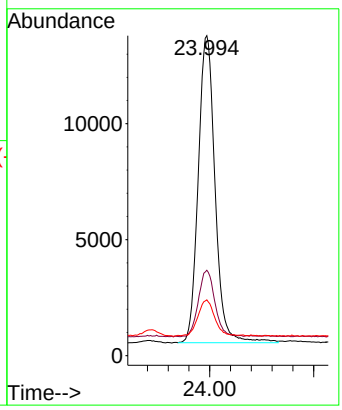


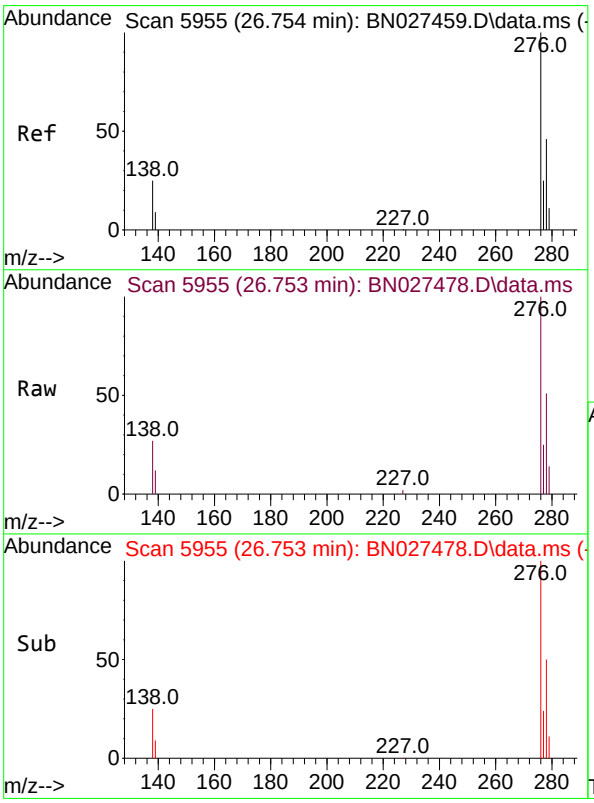
#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.994 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 29767

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.4	33.6
125	17.4	17.4	26.2

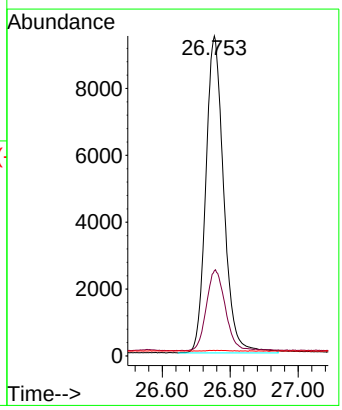


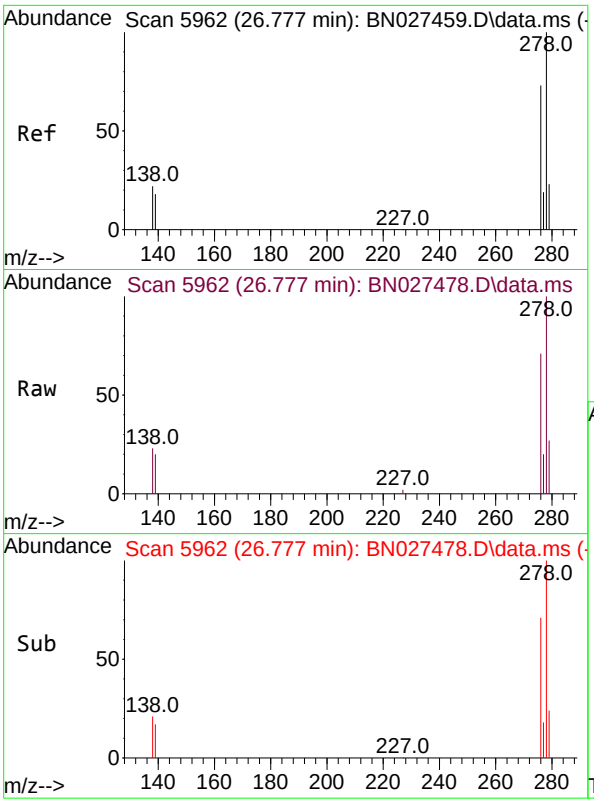


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.753 min Scan# 5955
Delta R.T. -0.001 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:276 Resp: 34663

Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.9	35.9
227	0.1	0.1	0.1



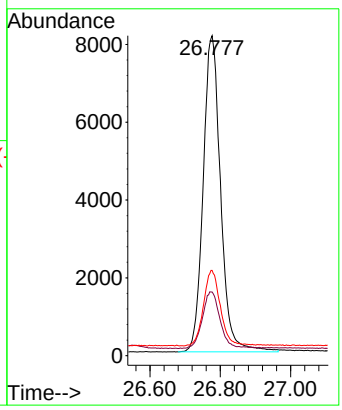


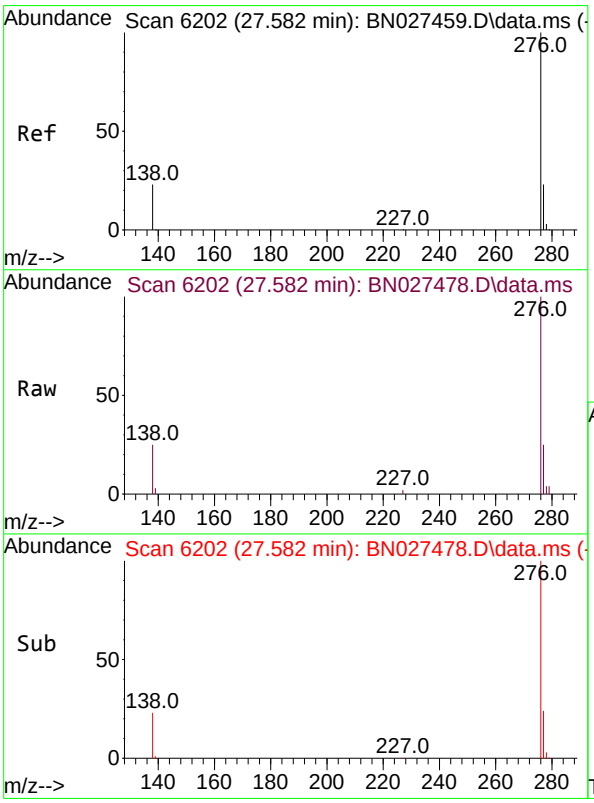
#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.777 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 27994

Ion	Ratio	Lower	Upper
278	100		
139	19.9	18.0	27.0
279	26.7	22.7	34.1





#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.582 min Scan# 6202
Delta R.T. -0.001 min
Lab File: BN027478.D
Acq: 08 Sep 2023 16:20

Tgt Ion:276 Resp: 28298

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.1	33.1
277	25.0	20.2	30.4