Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014575.D
Acq On : 12 May 2021 12:19
Operator : CG/JU
Sample : SSTD0.403
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.4003

Quant Time: May 12 12:53:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 12:52:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	625	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	2087	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1375	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.14	188	3440	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	3928	0.40	ng/ul	0.00
23) Perylene-d12	23.60	264	3547	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	276	0.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	1451	0.45	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	4189	0.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	270	0.389	ng/ul	100
5) Naphthalene	10.58	128	2404	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.20	142	1739	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.42	142	1653	0.437	ng/ul	100
10) Acenaphthylene	14.10	152	2079	0.323	ng/ul	100
11) Acenaphthene	14.45	153	1882	0.375	ng/ul	100
12) Fluorene	15.44	166	2274	0.406	ng/ul	100
14) Pentachlorophenol	16.78	266	249	0.224	ng/ul	100
15) Phenanthrene	17.18	178	4101	0.369	ng/ul	100
16) Anthracene	17.27	178	3371	0.347	ng/ul	100
19) Fluoranthene	19.20	202	5054	0.321	ng/ul	100
20) Pyrene	19.56	202	5029	0.314	ng/ul	100
21) Benzo(a)anthracene	21.31	228	4664	0.321	ng/ul	100
22) Chrysene	21.37	228	5634	0.374	ng/ul	100
24) Benzo(b)fluoranthene	22.92	252	5587	0.350	ng/ul	100
25) Benzo(k)fluoranthene	22.96	252	6190	0.381	ng/ul	100
26) Benzo(a)pyrene	23.50	252	4543	0.343	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.90	276	6908	0.379	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.91	278	5651	0.388	ng/ul	100
29) Benzo(g,h,i)perylene	26.60	276	5414	0.352	ng/ul	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
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Misc :
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Instrument :
BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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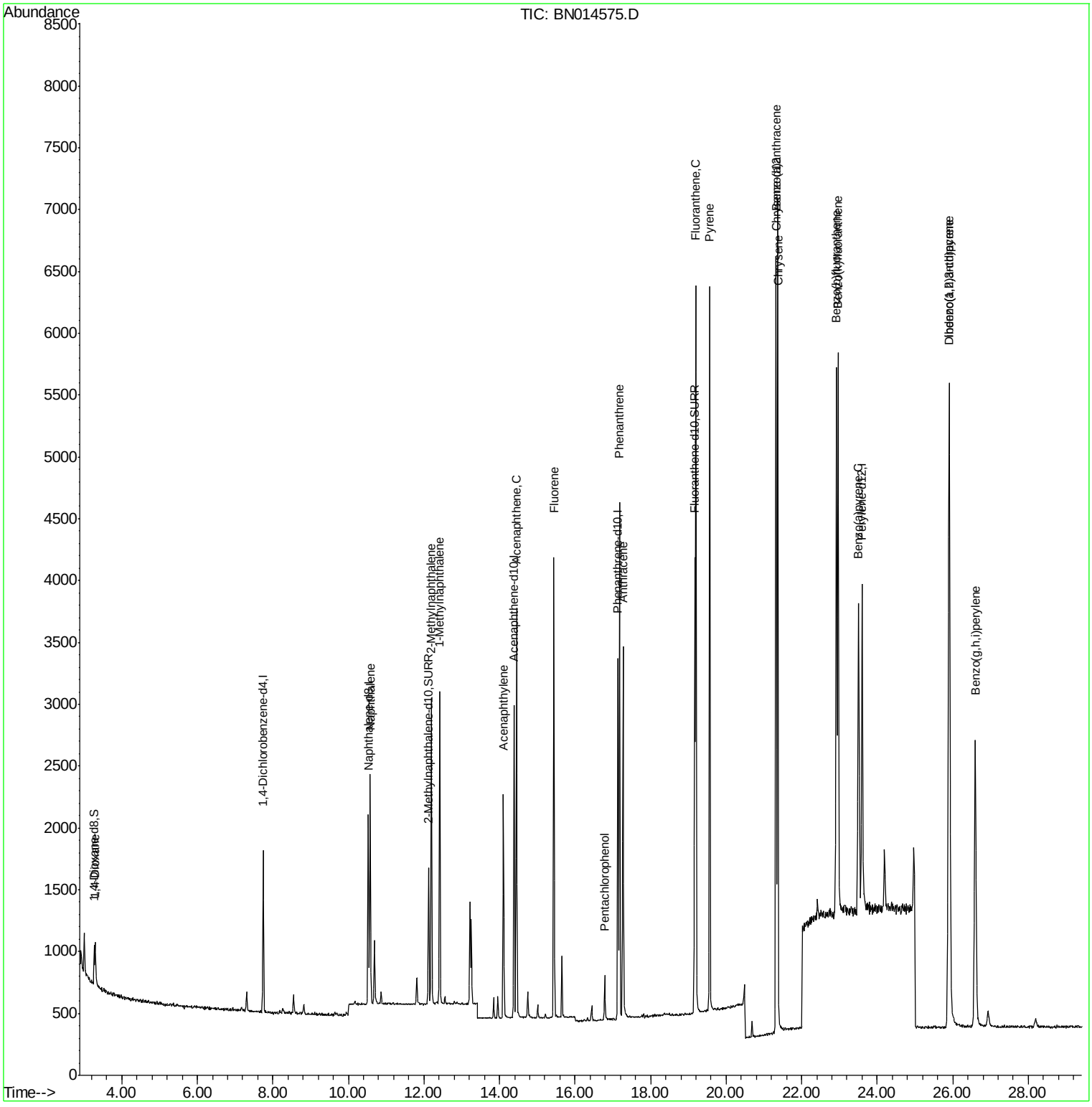
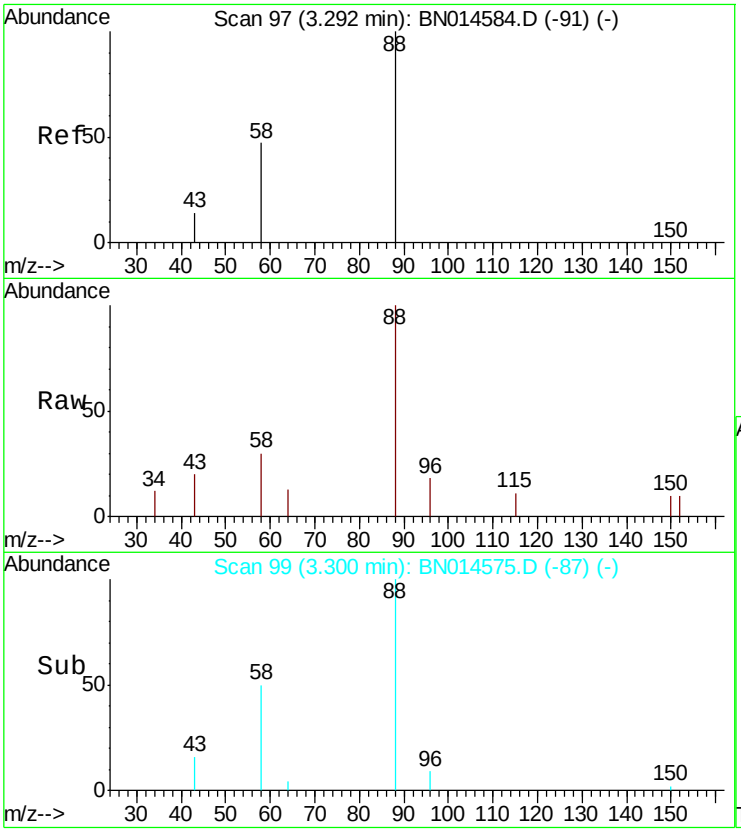


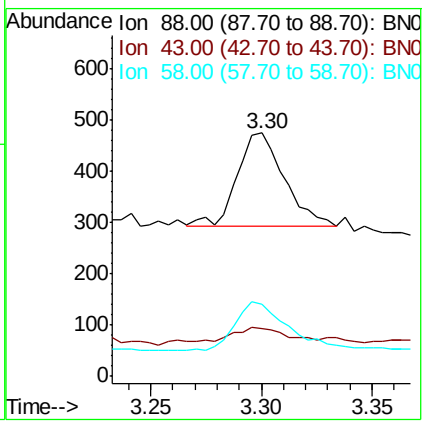


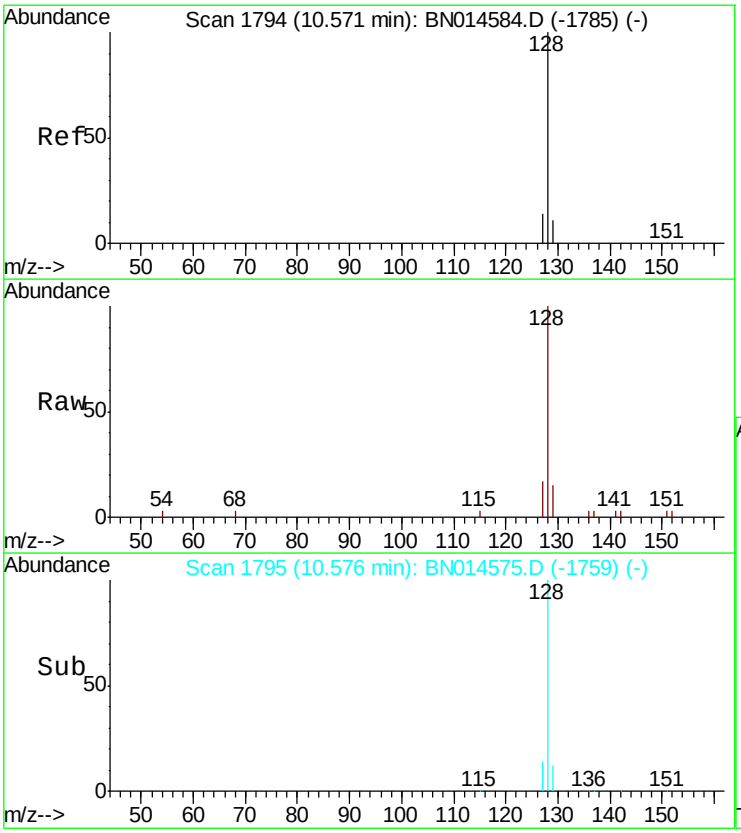
#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.30 min Scan# 99
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion: 88 Resp: 270

Ion	Ratio	Lower	Upper
88	100		
43	19.6	15.7	23.5
58	29.7	23.8	35.6

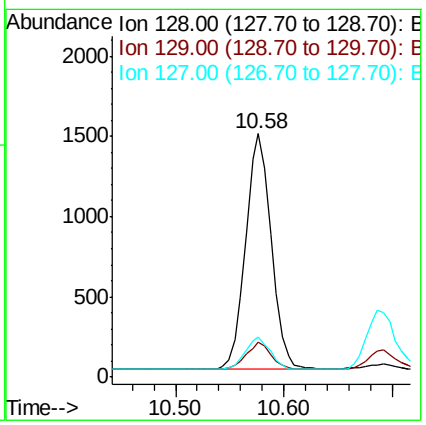


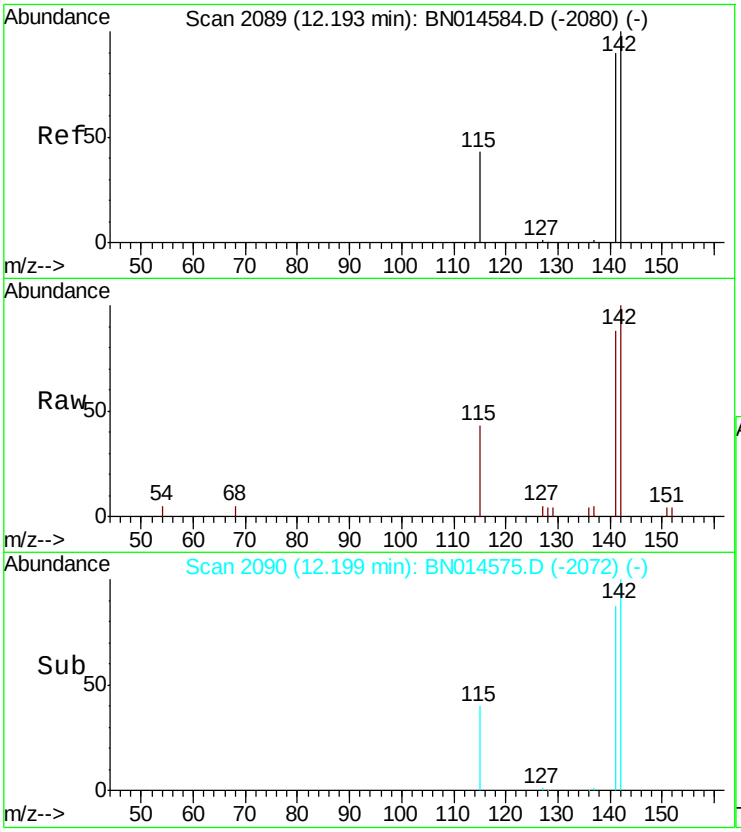


#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.58 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:128 Resp: 2404

Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.6	17.4
127	16.6	13.3	19.9



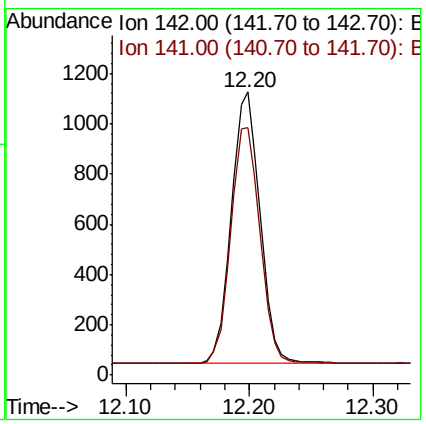


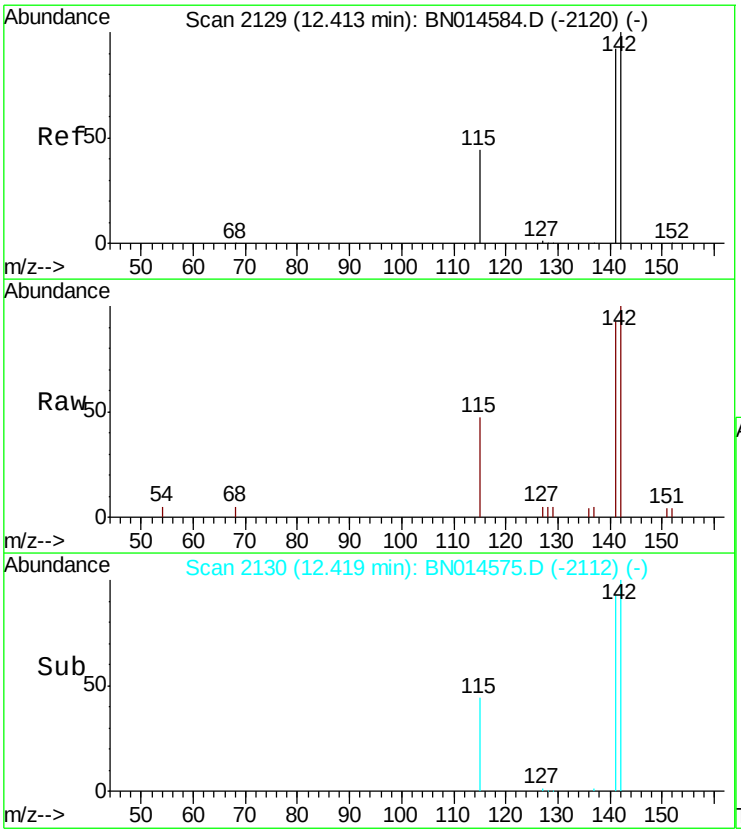
#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.20 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:142 Resp: 1739

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

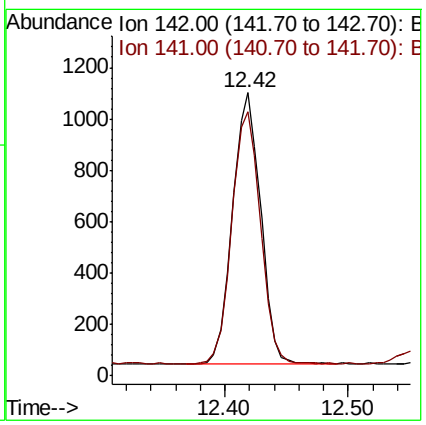


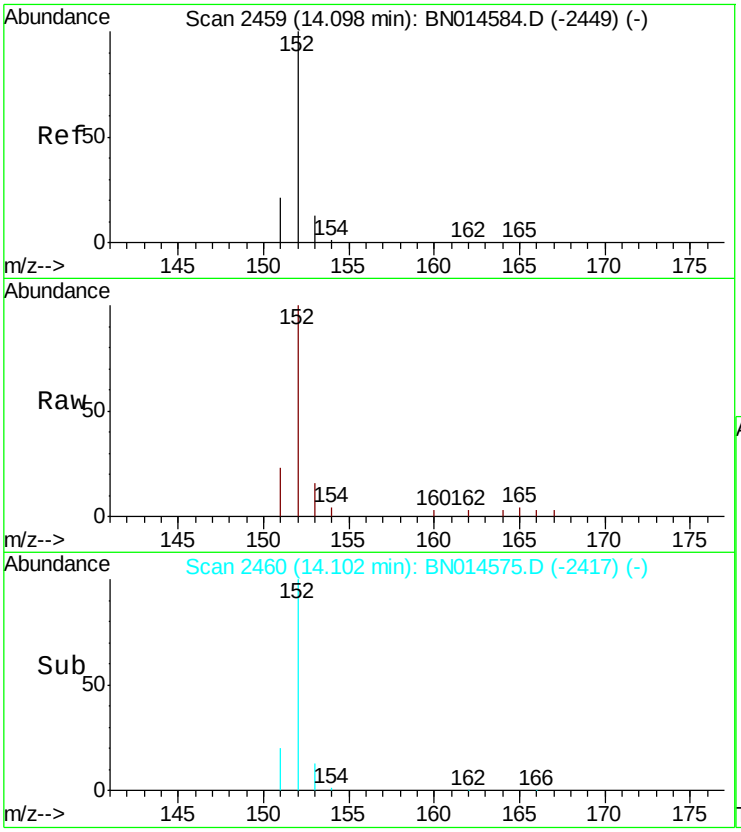


#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:142 Resp: 1653

Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.9	113.9



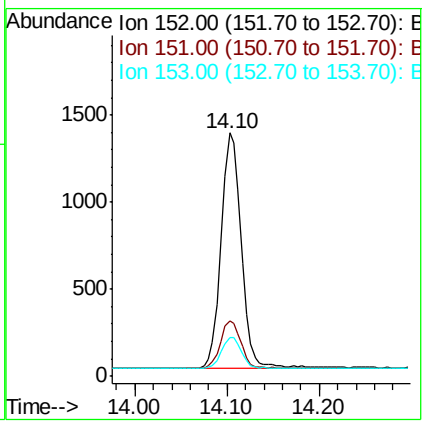


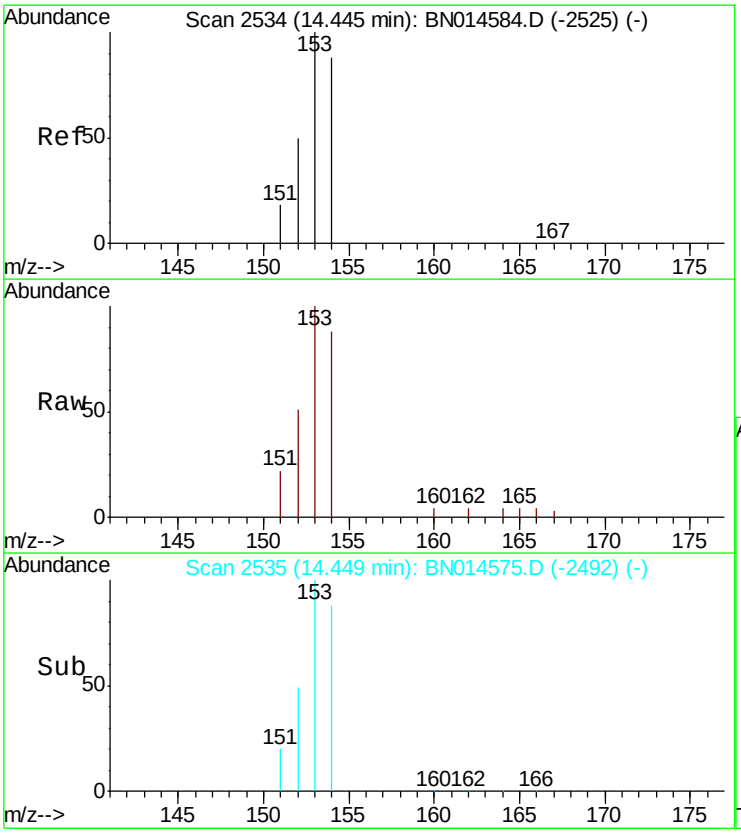
#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.10 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:152 Resp: 2079

Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.2	27.2
153	16.0	12.8	19.2

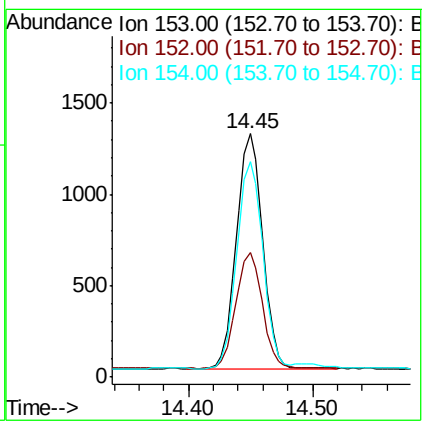


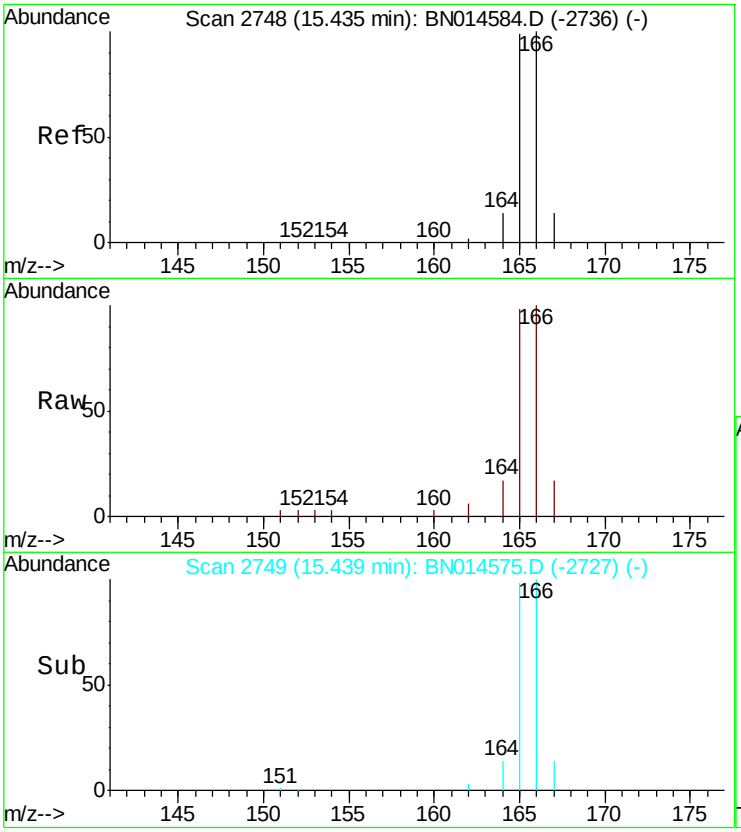


#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.45 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:153 Resp: 1882

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.9	61.3
154	88.4	70.7	106.1



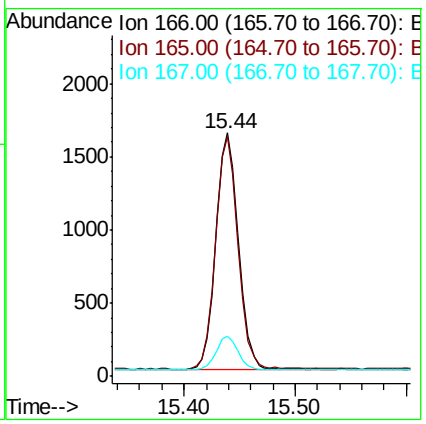


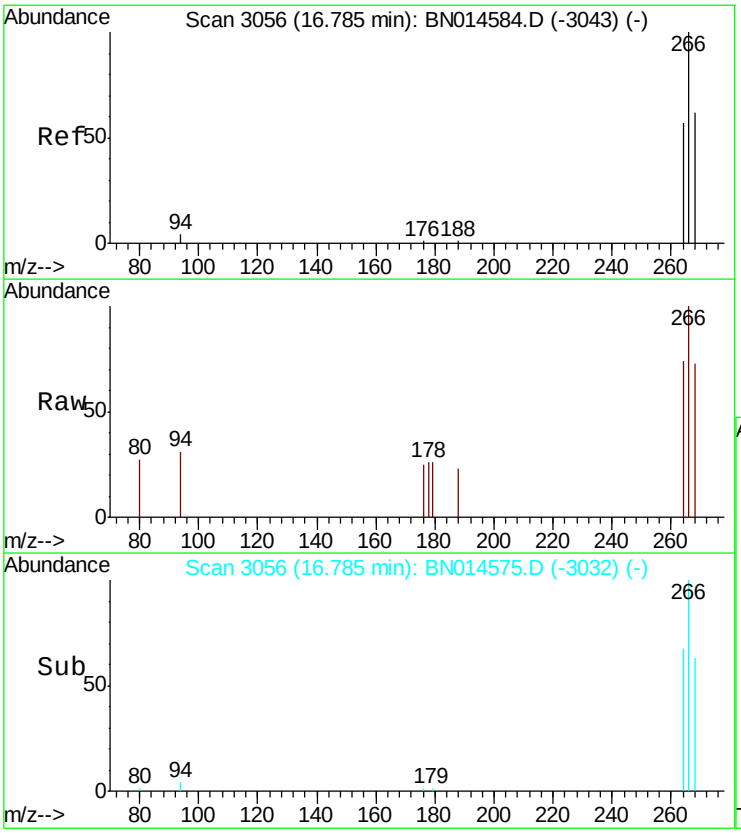
#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.44 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:166 Resp: 2274

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	16.5	13.2	19.8

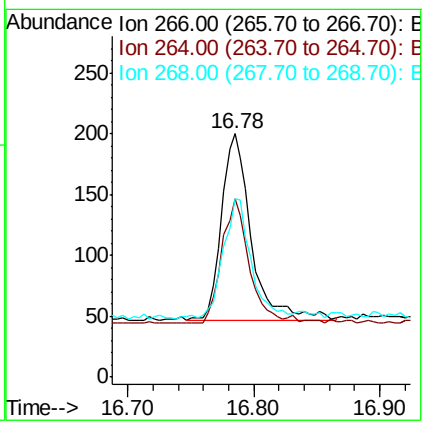


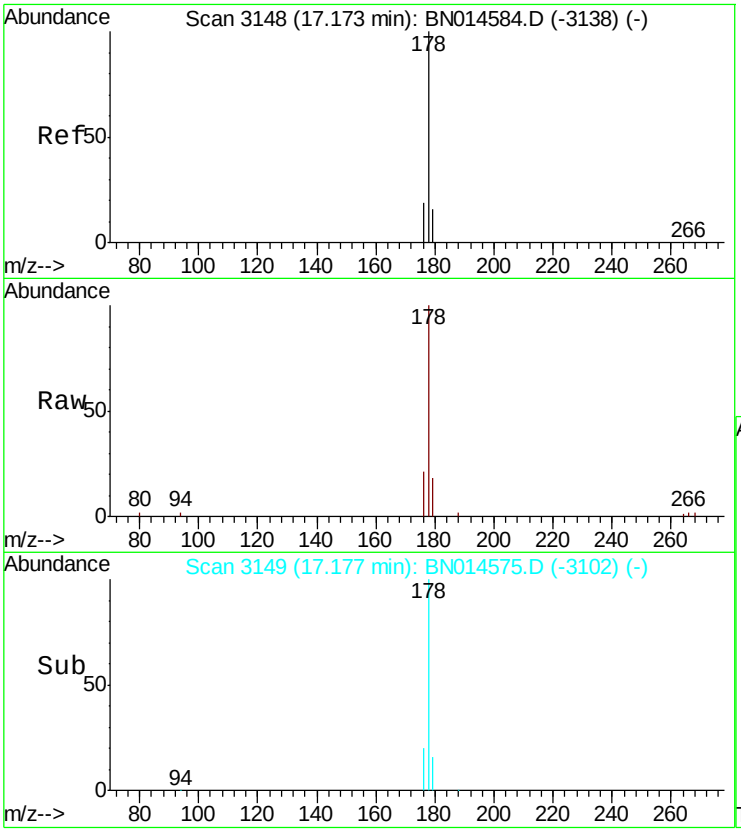


#14
Pentachlorophenol
Concen: 0.224 ng/ul
RT: 16.78 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:266 Resp: 249

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.4	74.2
268	61.4	49.1	73.7



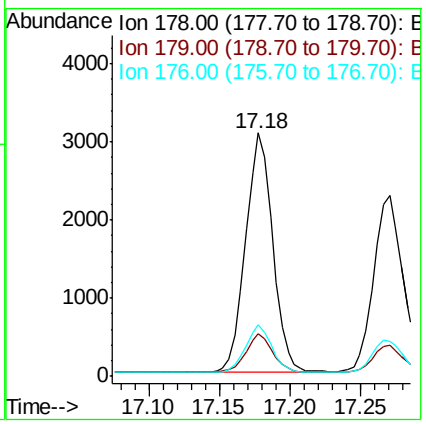


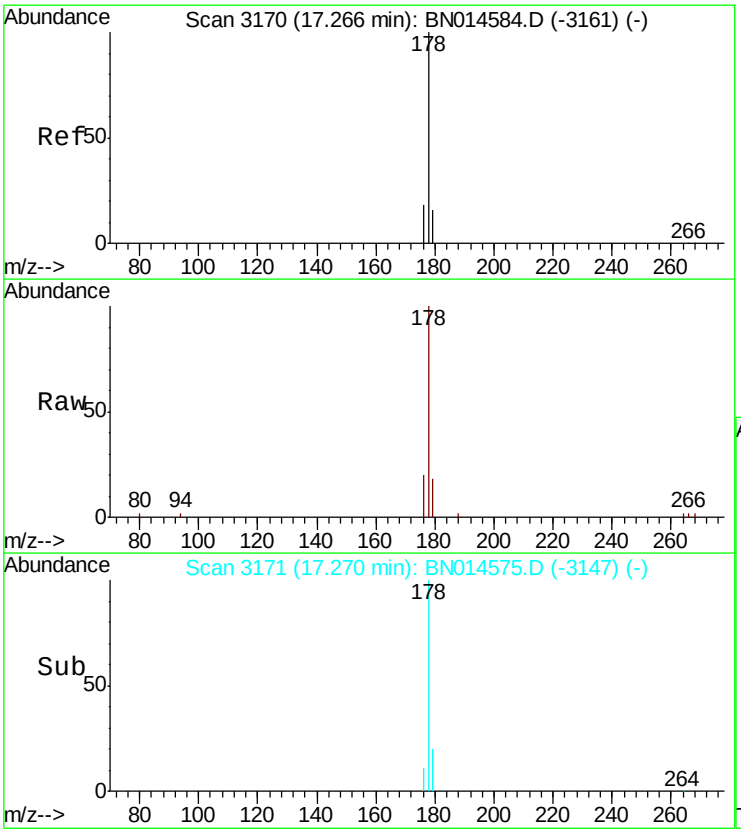
#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.18 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:178 Resp: 4101

Ion	Ratio	Lower	Upper
178	100		
179	17.6	14.1	21.1
176	21.1	16.9	25.3

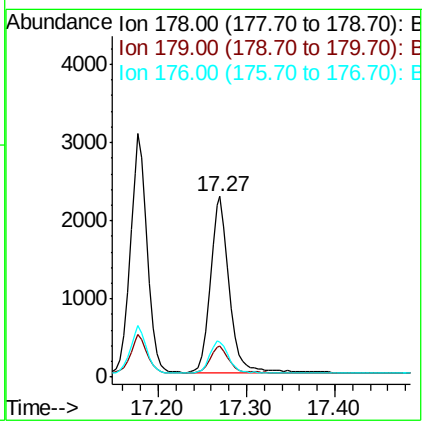


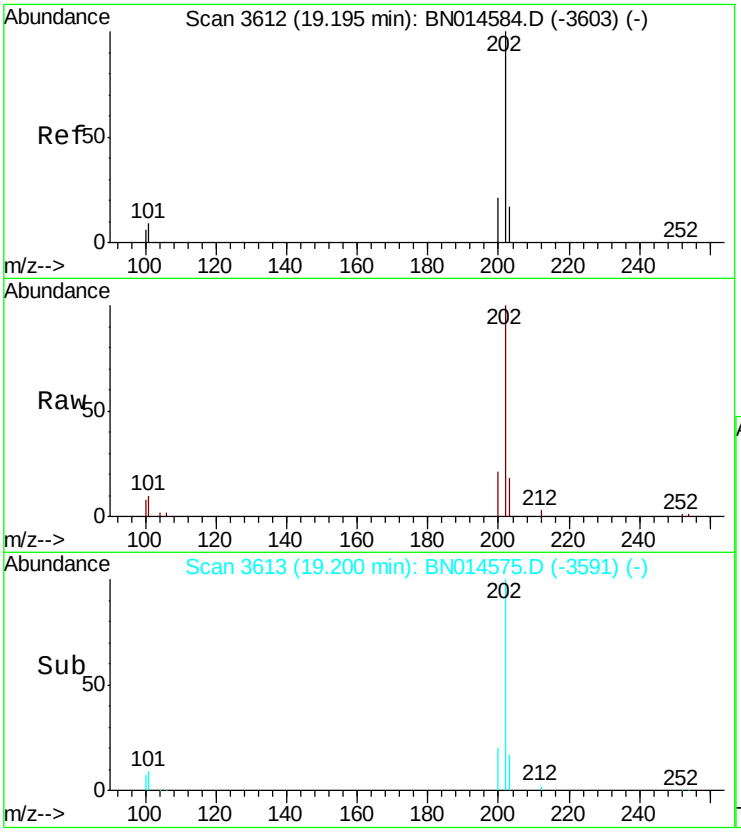


#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.27 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:178 Resp: 3371

Ion	Ratio	Lower	Upper
178	100		
179	17.6	14.1	21.1
176	19.7	15.8	23.6



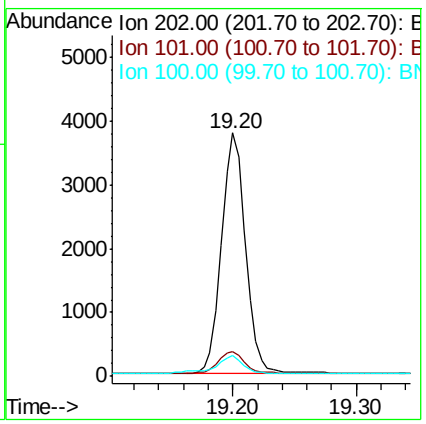


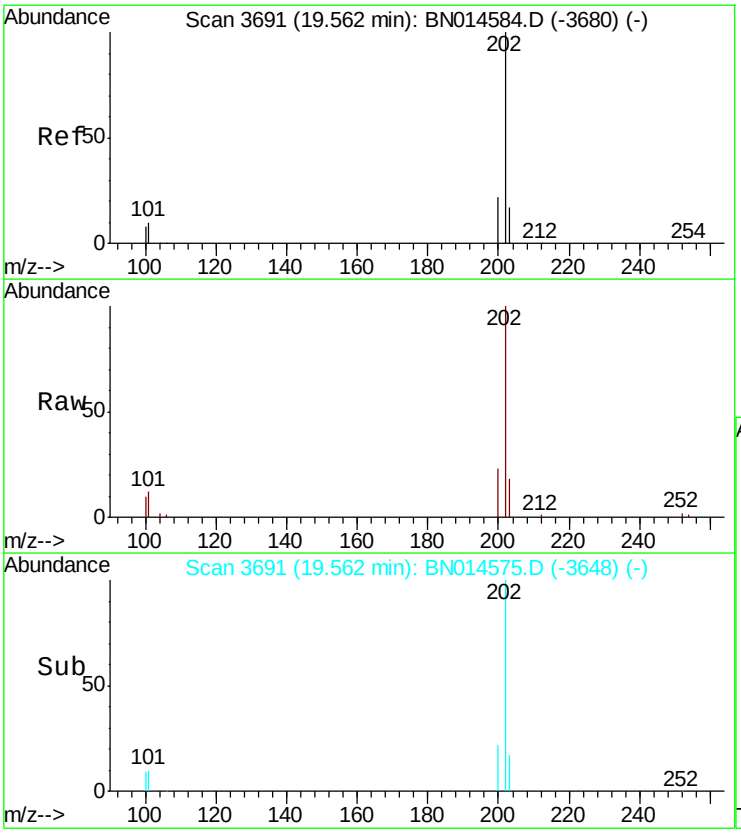
#19
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.20 min Scan# 3613
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:202 Resp: 5054

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
100	8.4	6.7	10.1

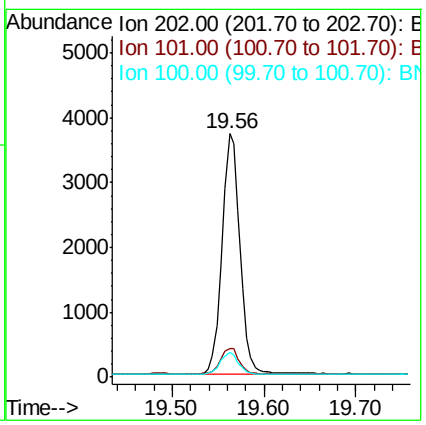


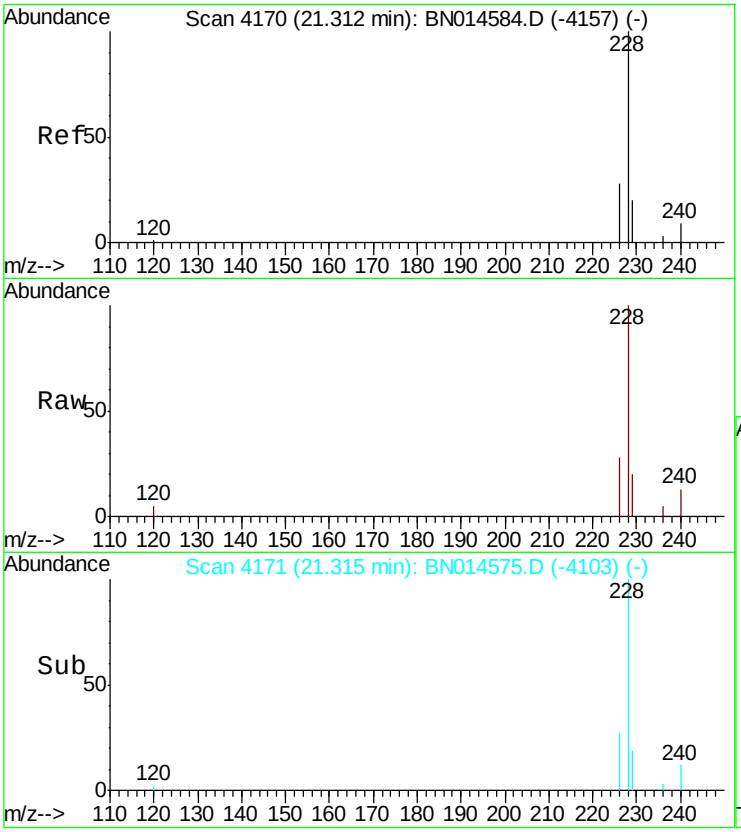


#20
Pyrene
Concen: 0.314 ng/ul
RT: 19.56 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:202 Resp: 5029

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.0
100	10.3	8.2	12.4



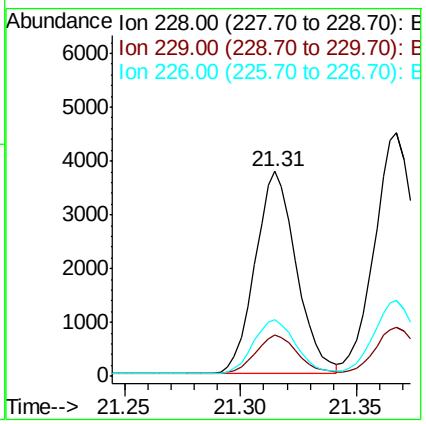


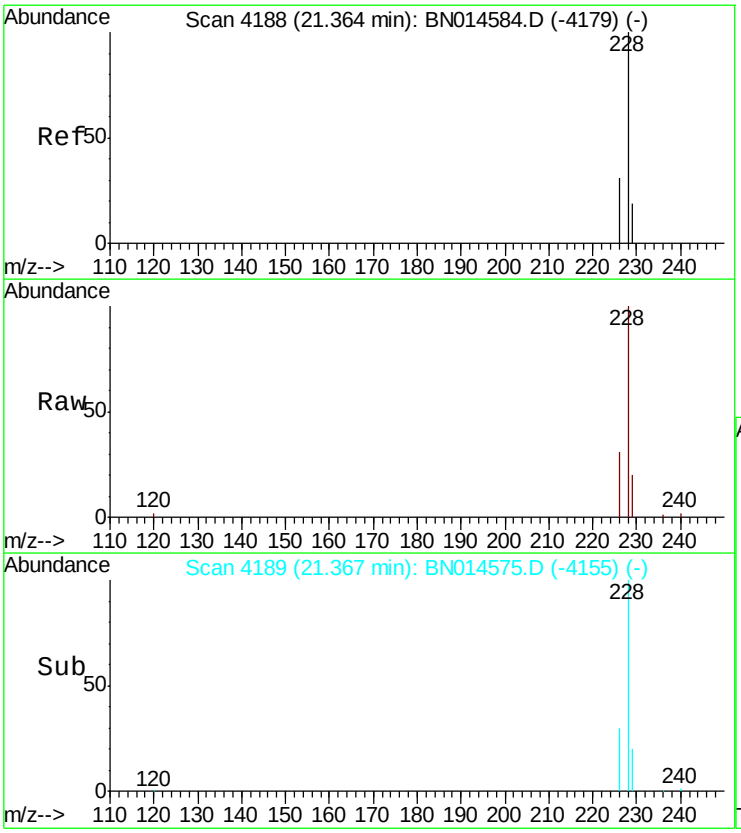
#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.31 min Scan# 4171
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:228 Resp: 4664

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.7	22.2	33.2

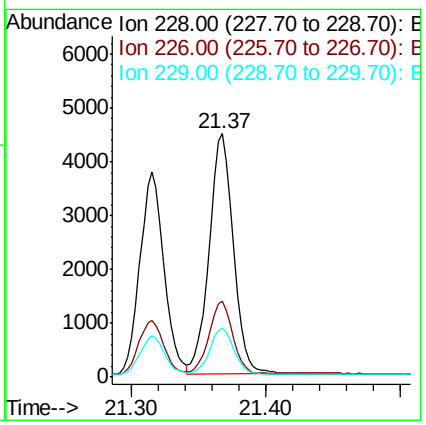


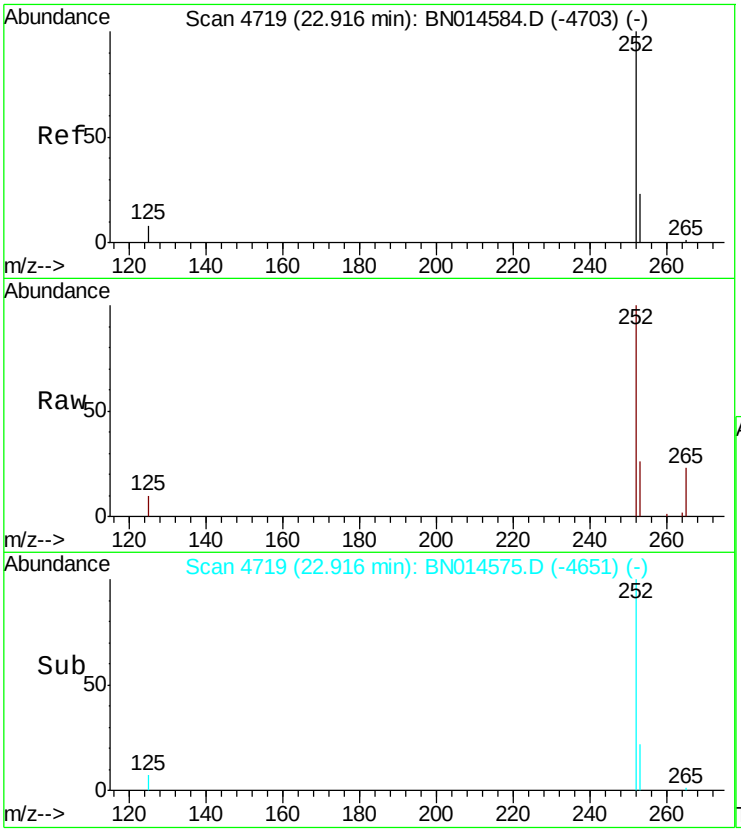


#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.37 min Scan# 4189
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:228 Resp: 5634

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.4	16.3	24.5



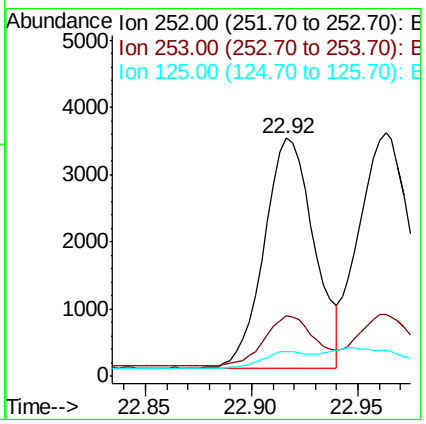


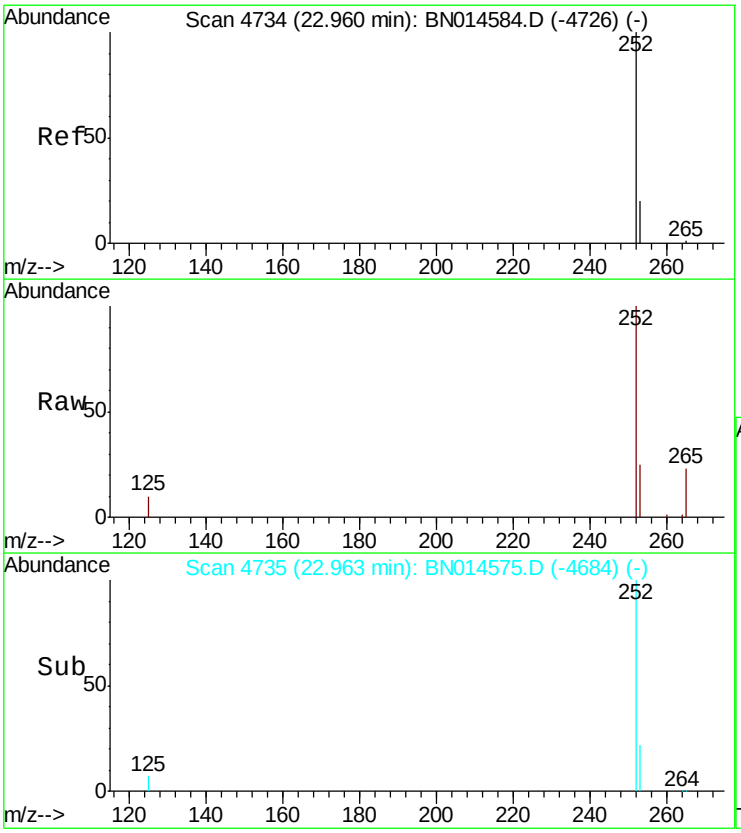
#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.92 min Scan# 4719
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 5587

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	51.0
125	10.1	0.0	20.2

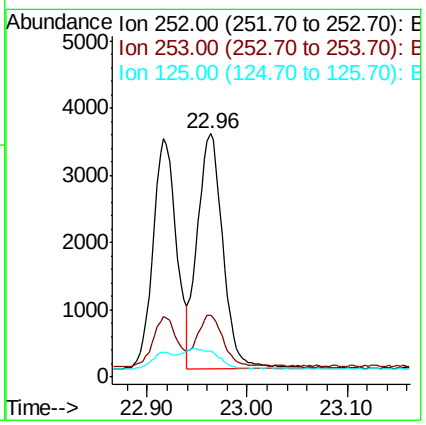


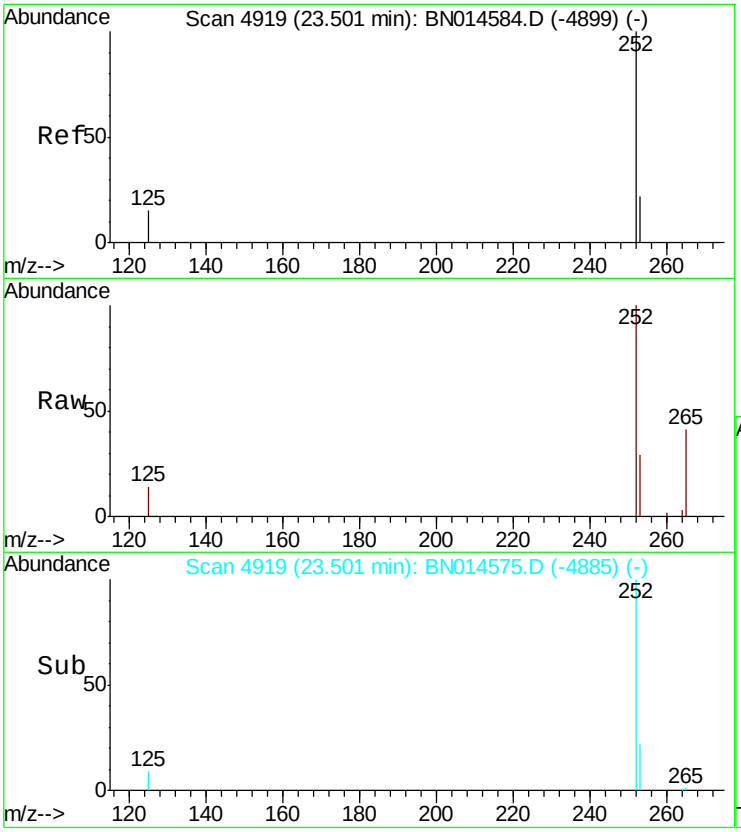


#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 22.96 min Scan# 4735
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:252 Resp: 6190

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	10.5	8.4	12.6



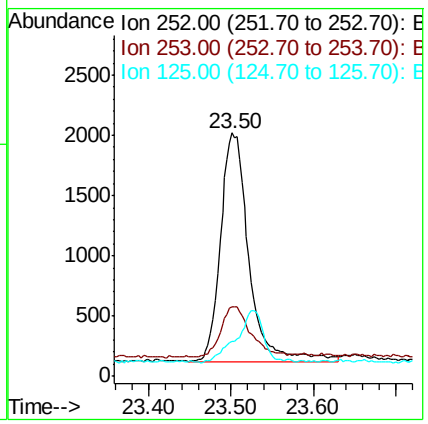


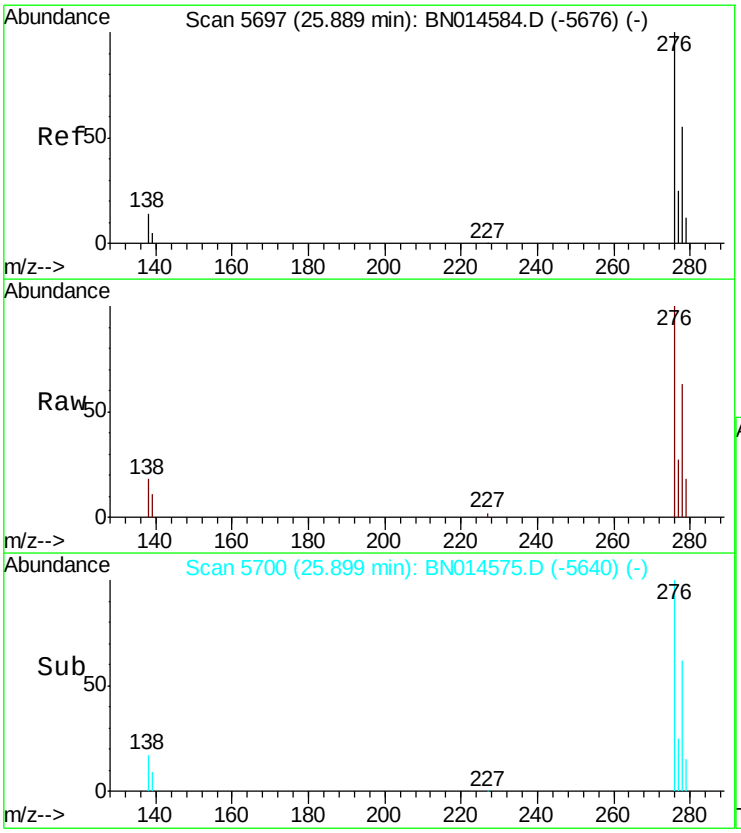
#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.50 min Scan# 4919
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 4543

Ion	Ratio	Lower	Upper
252	100		
253	28.7	23.0	34.4
125	14.3	11.4	17.2

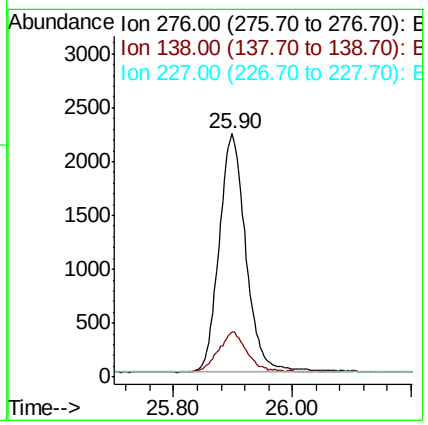


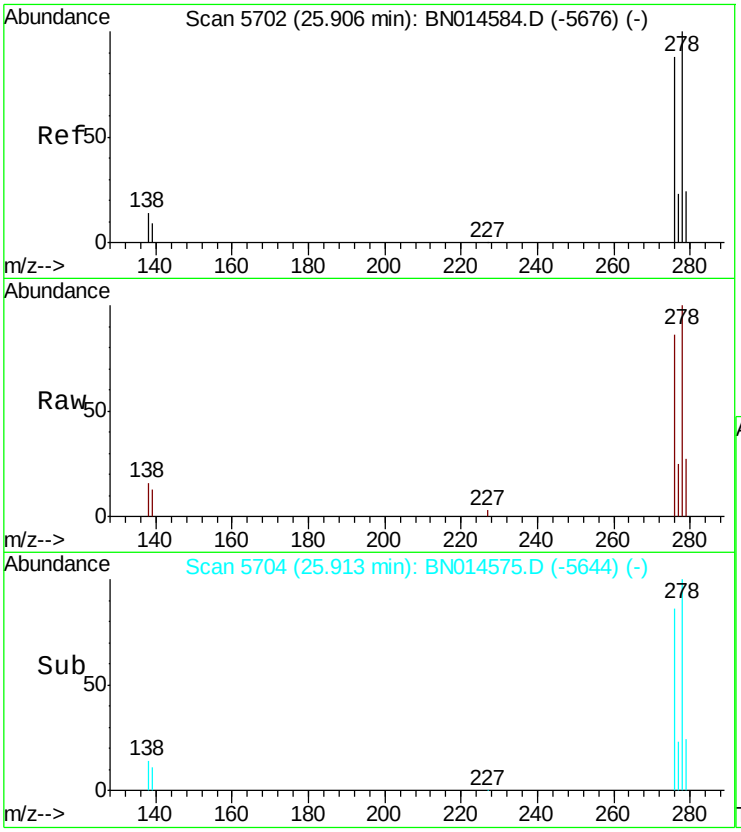


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 25.90 min Scan# 5700
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:276 Resp: 6908

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.1	21.1
227	0.0	0.0	0.0



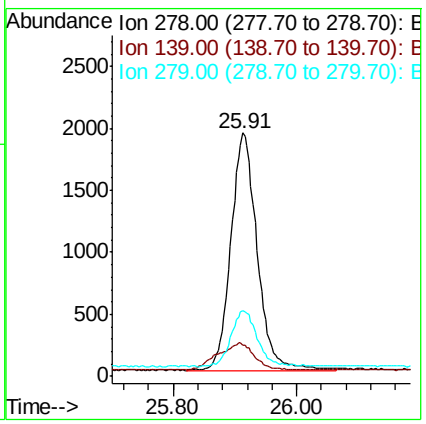


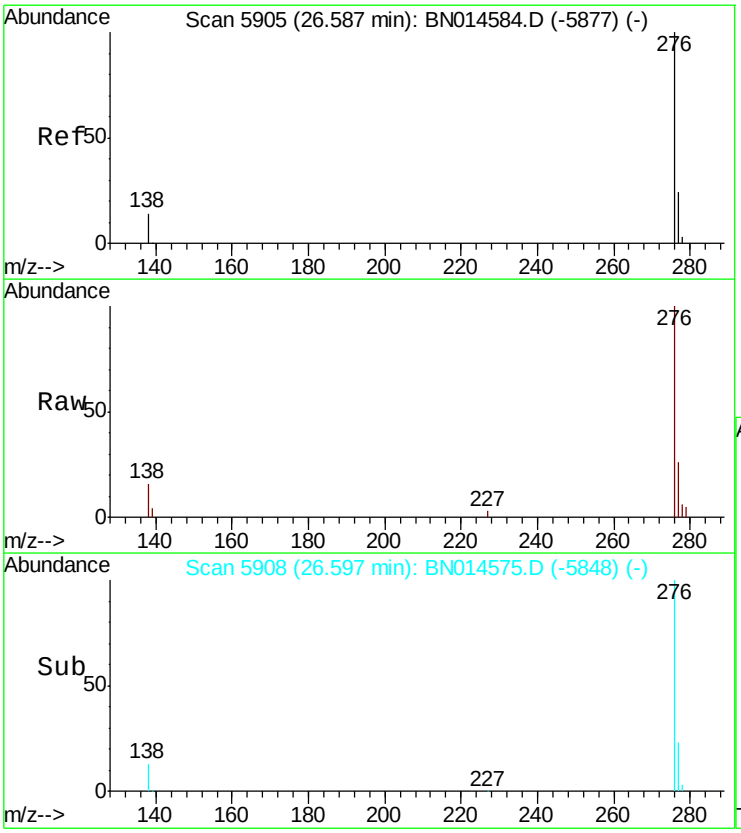
#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.91 min Scan# 5704
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 5651

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.4	15.6
279	27.2	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.60 min Scan# 5908
Delta R.T. 0.00 min
Lab File: BN014575.D
Acq: 12 May 2021 12:19

Tgt Ion:276 Resp: 5414

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	18.8
277	26.1	20.9	31.3