Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051321\
Data File : BN014586.D
Acq On : 13 May 2021 12:52
Operator : CG/JU
Sample : PB136352BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS352

Quant Time: May 13 13:29:55 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 : Thu May 13 12:42:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	624	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	2091	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1382	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.14	188	3402	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	3632	0.40	ng/ul	0.00
23) Perylene-d12	23.60	264	3171	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	440	0.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	1210	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	3800	0.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	1148	1.613	ng/ul#	81
5) Naphthalene	10.57	128	2075	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	1415	0.328	ng/ul	99
8) 1-Methylnaphthalene	12.41	142	1390	0.335	ng/ul	97
10) Acenaphthylene	14.10	152	1728	0.328	ng/ul	99
11) Acenaphthene	14.44	153	1598	0.338	ng/ul	99
12) Fluorene	15.43	166	1909	0.334	ng/ul	99
14) Pentachlorophenol	16.78	266	353	0.529	ng/ul	98
15) Phenanthrene	17.17	178	3530	0.344	ng/ul	100
16) Anthracene	17.27	178	2915	0.343	ng/ul	98
19) Fluoranthene	19.20	202	4487	0.378	ng/ul	99
20) Pyrene	19.56	202	4511	0.384	ng/ul	99
21) Benzo(a)anthracene	21.31	228	4308	0.392	ng/ul	100
22) Chrysene	21.36	228	5171	0.396	ng/ul	98
24) Benzo(b)fluoranthene	22.92	252	5164	0.389	ng/ul	99
25) Benzo(k)fluoranthene	22.96	252	5443	0.393	ng/ul	99
26) Benzo(a)pyrene	23.50	252	4042	0.386	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.89	276	5893	0.385	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.91	278	4777	0.379	ng/ul	100
29) Benzo(g,h,i)perylene	26.59	276	5004	0.393	ng/ul	99

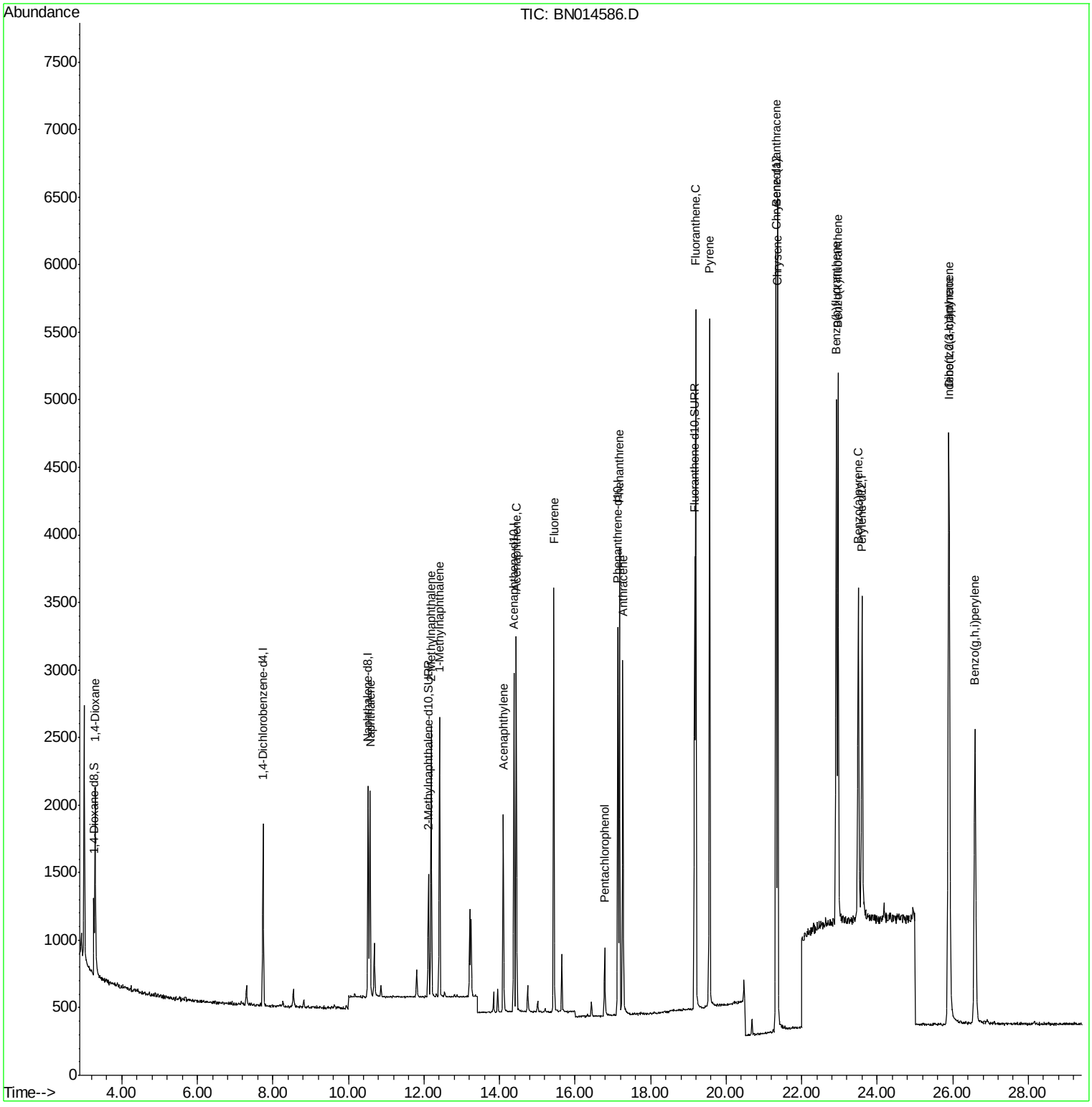
(#) = qualifier out of range (m) = manual integration (+) = signals summed

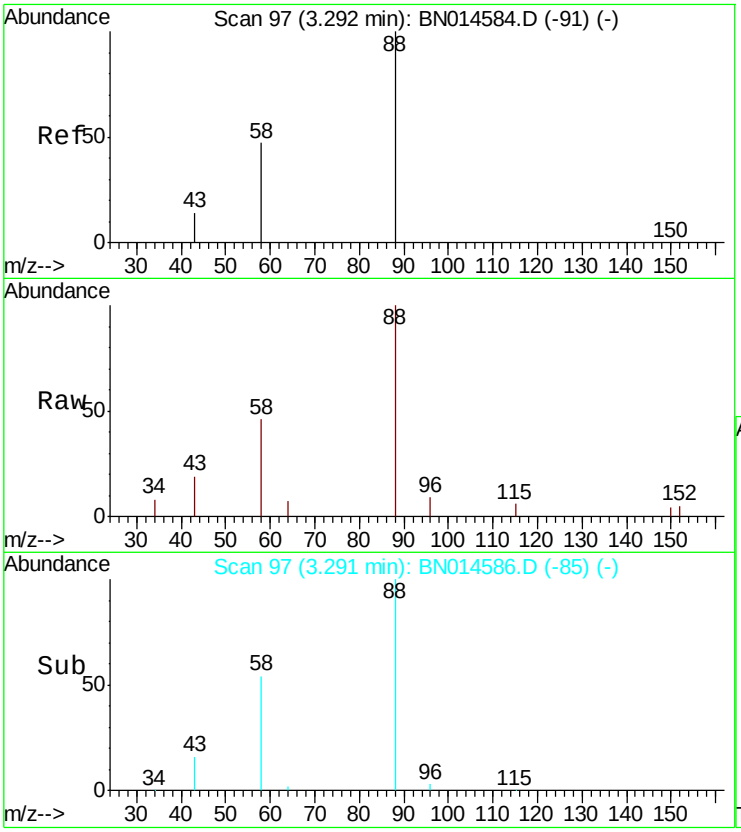
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051321\
Data File : BN014586.D
Acq On : 13 May 2021 12:52
Operator : CG/JU
Sample : PB136352BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS352

Quant Time: May 13 13:29:55 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 : Thu May 13 12:42:54 2021
Response via : Initial Calibration



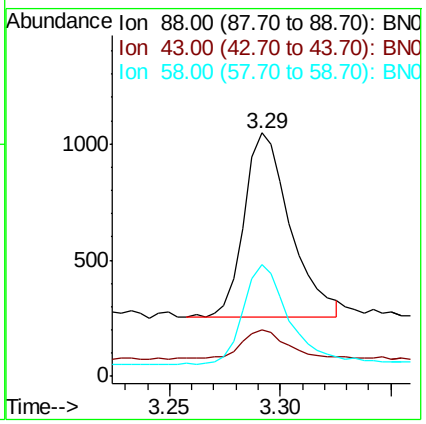


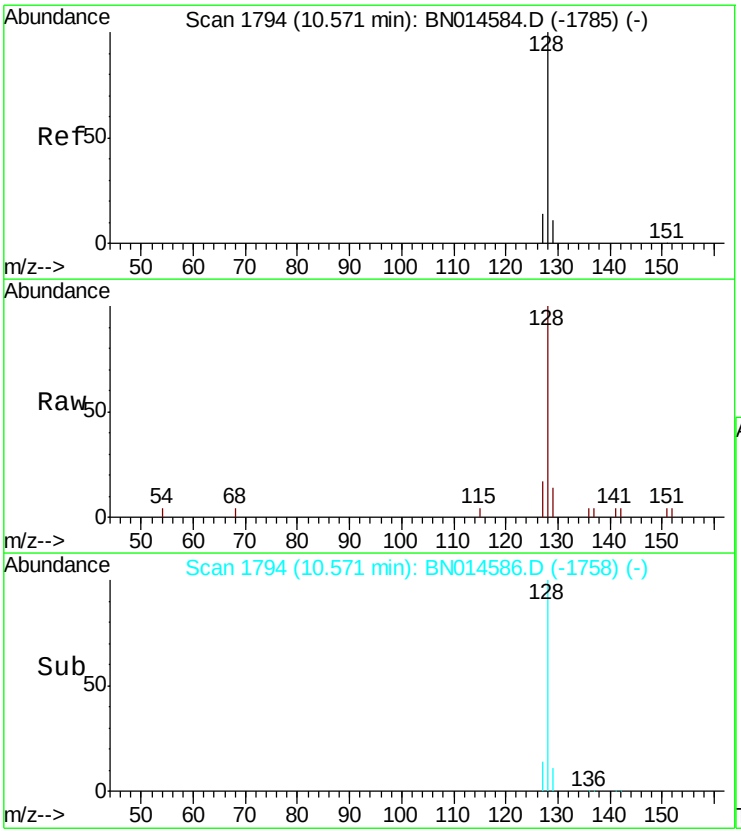
#2
1,4-Dioxane
Concen: 1.613 ng/ul
RT: 3.29 min Scan# 97
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion: 88 Resp: 1148

Ion	Ratio	Lower	Upper
88	100		
43	19.4	15.7	23.5
58	46.1	23.8	35.6#

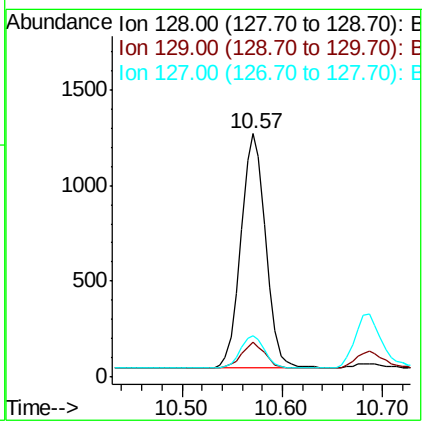


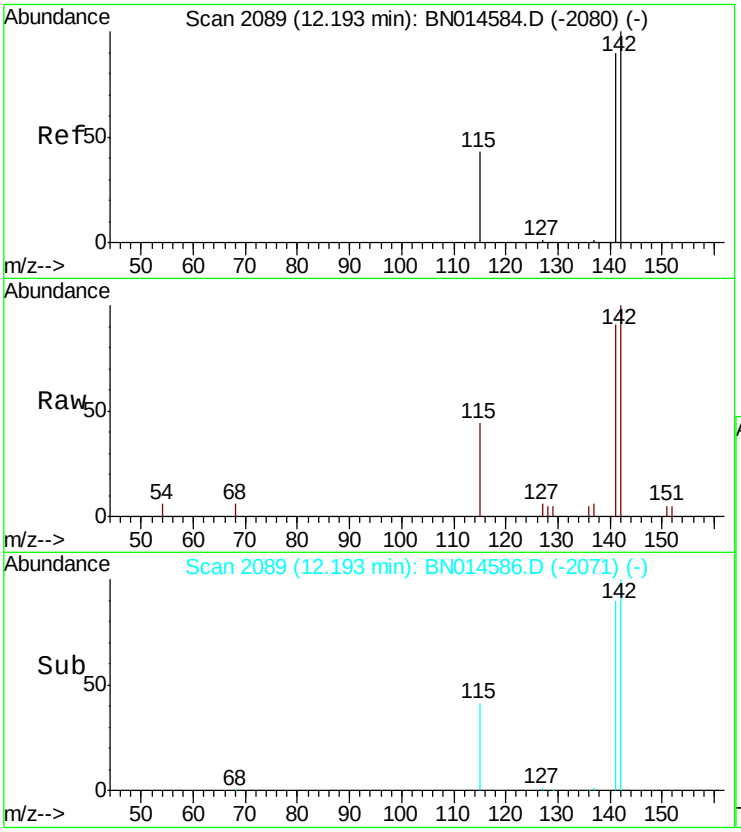


#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.57 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:128 Resp: 2075

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.6	17.4
127	16.9	13.3	19.9



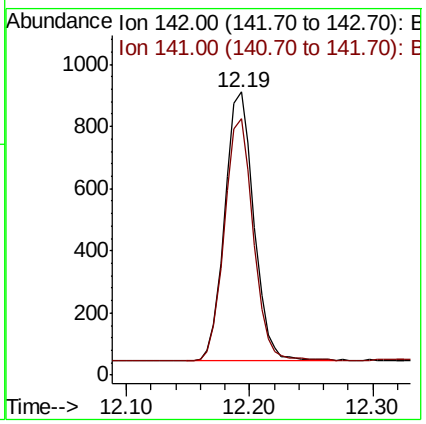


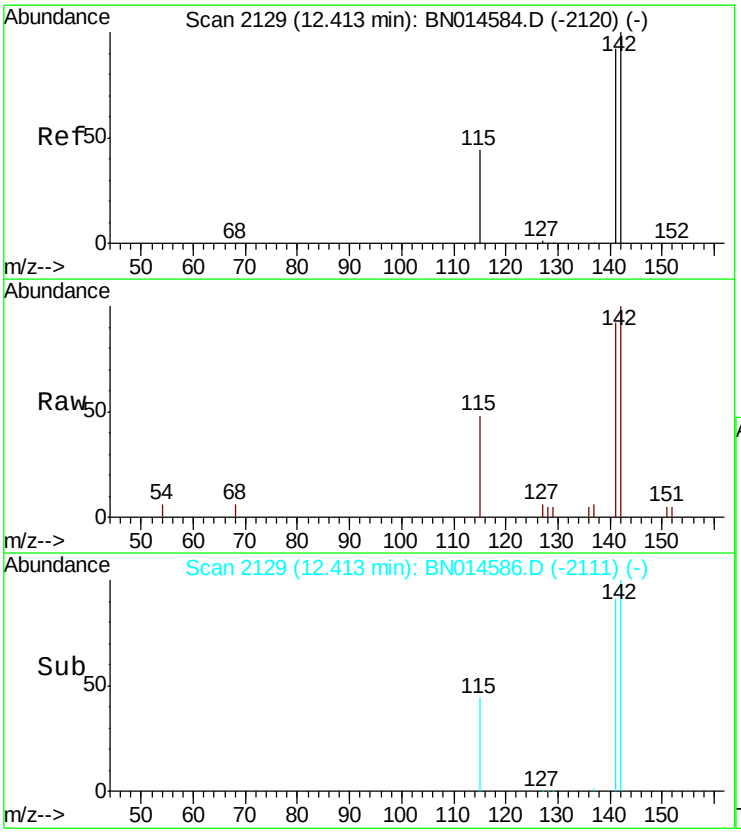
#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.19 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:142 Resp: 1415

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3

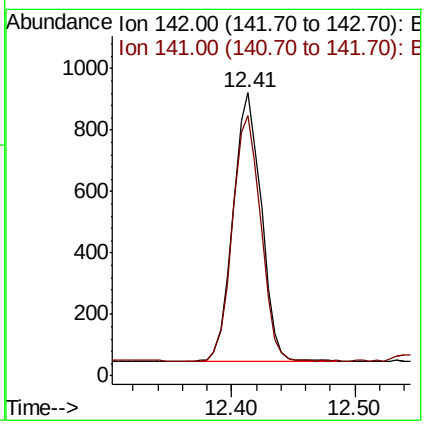


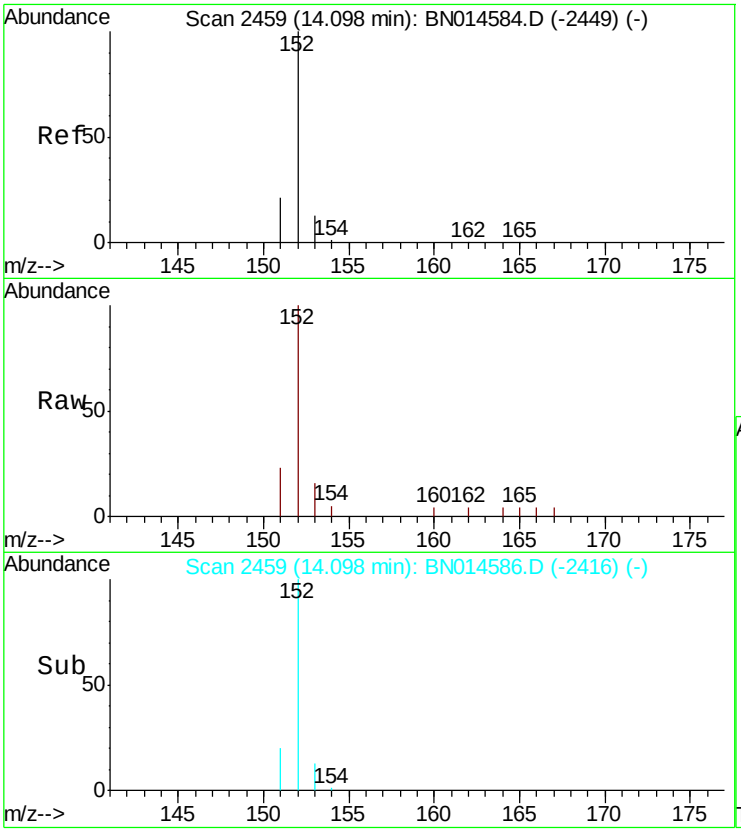


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.41 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:142 Resp: 1390

Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.9	113.9



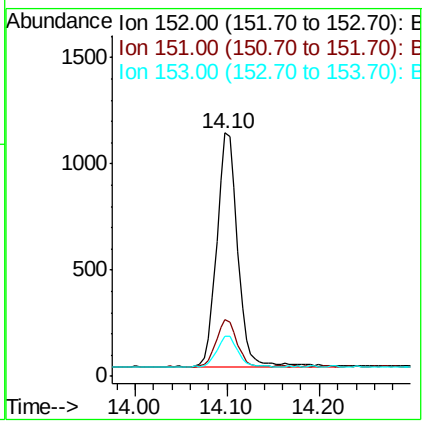


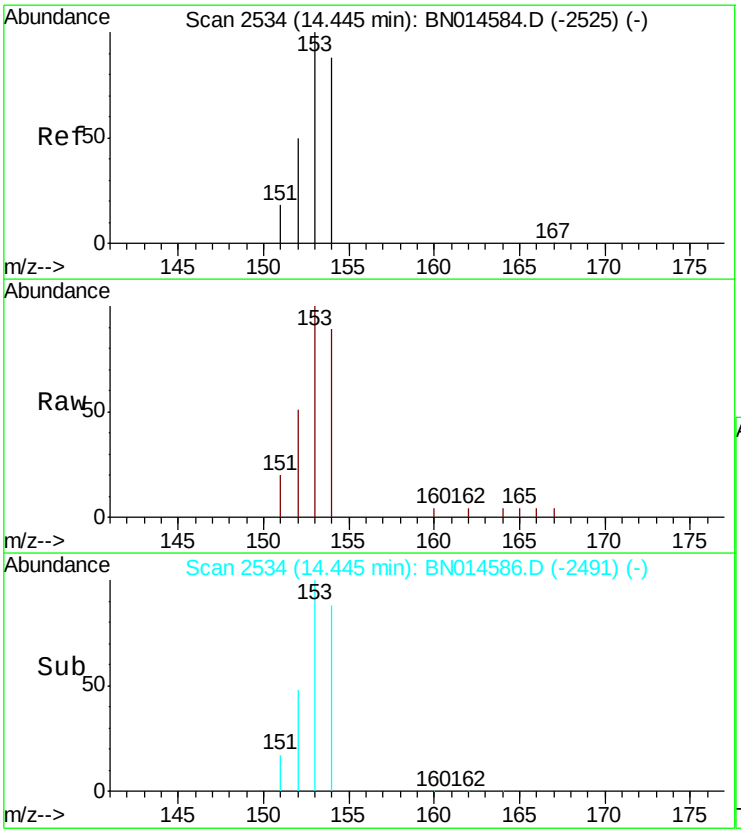
#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.10 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:152 Resp: 1728

Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.2	27.2
153	16.2	12.8	19.2

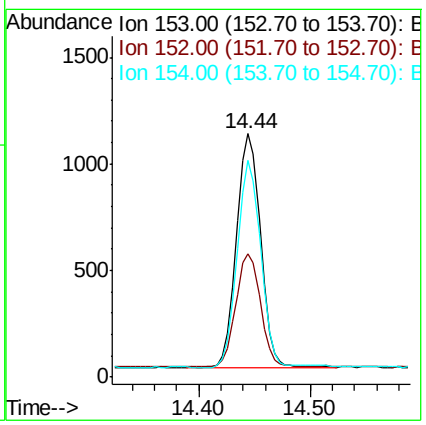


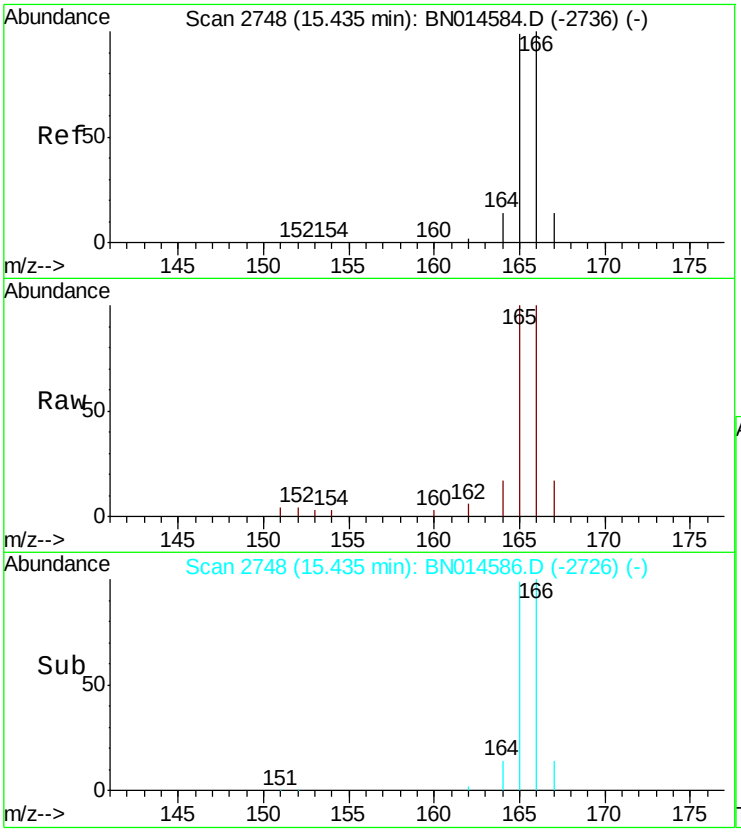


#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.44 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:153 Resp: 1598

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.9	61.3
154	88.8	70.7	106.1



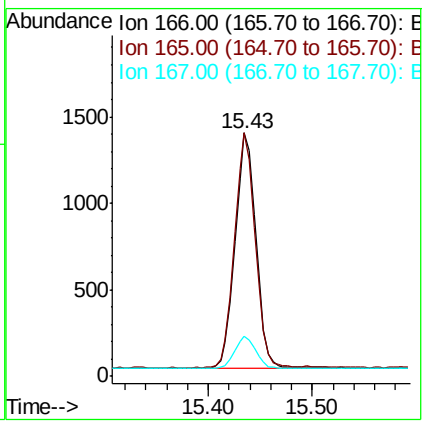


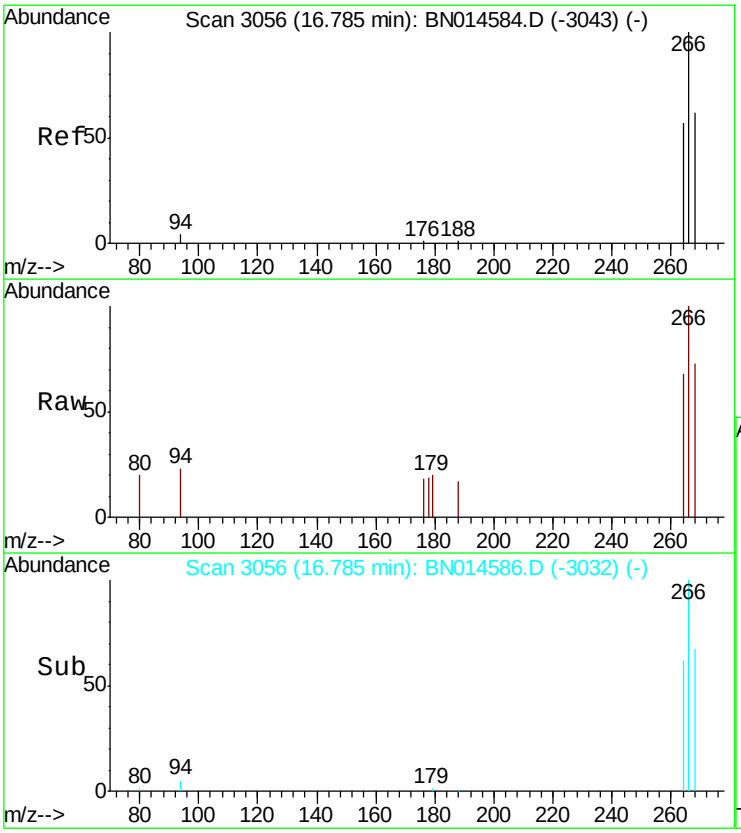
#12
Fluorene
Concen: 0.334 ng/ul
RT: 15.43 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:166 Resp: 1909

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	118.0
167	16.6	13.2	19.8

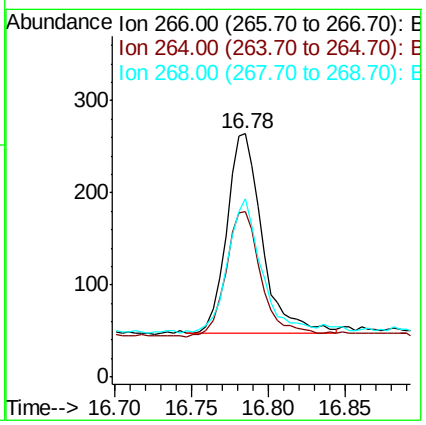


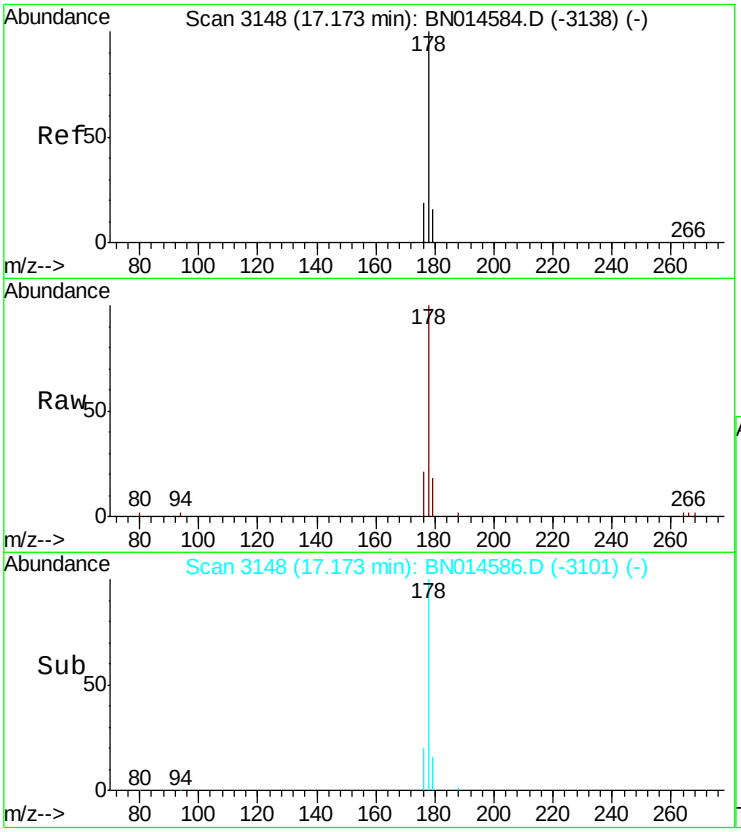


#14
Pentachlorophenol
Concen: 0.529 ng/ul
RT: 16.78 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:266 Resp: 353

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.4	74.2
268	63.7	49.1	73.7



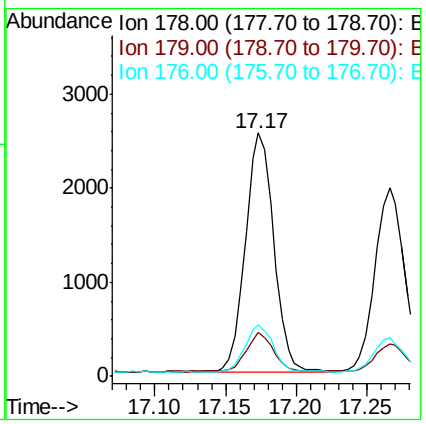


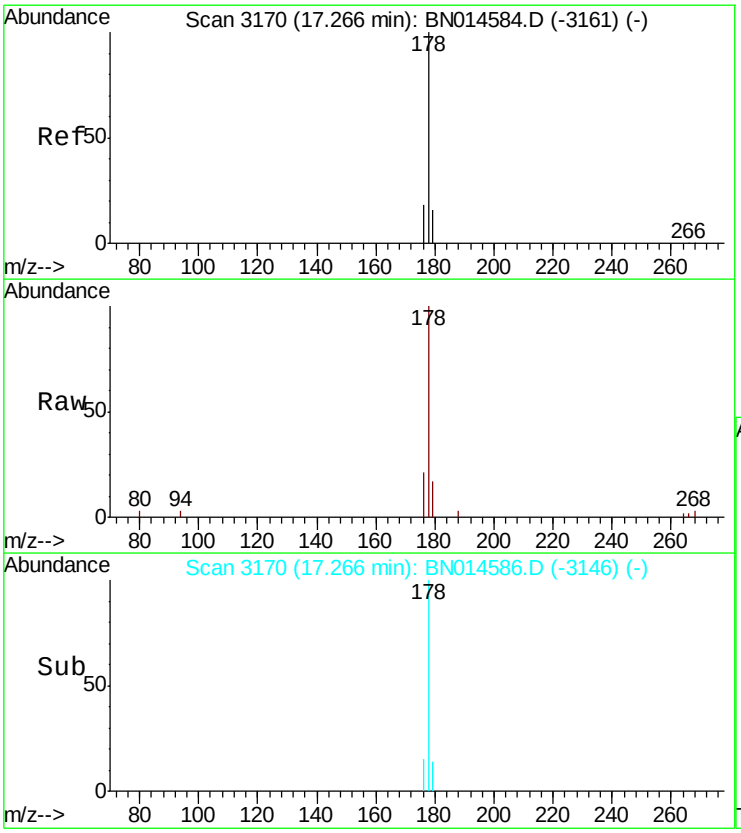
#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.17 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:178 Resp: 3530

Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.1	21.1
176	21.0	16.9	25.3

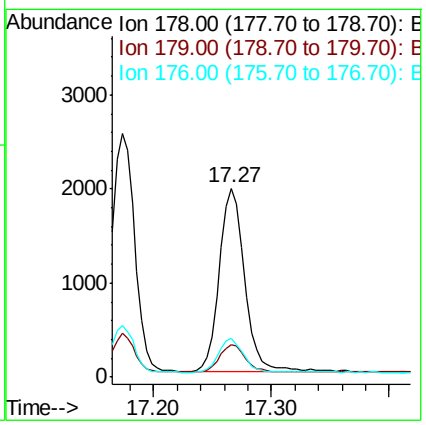


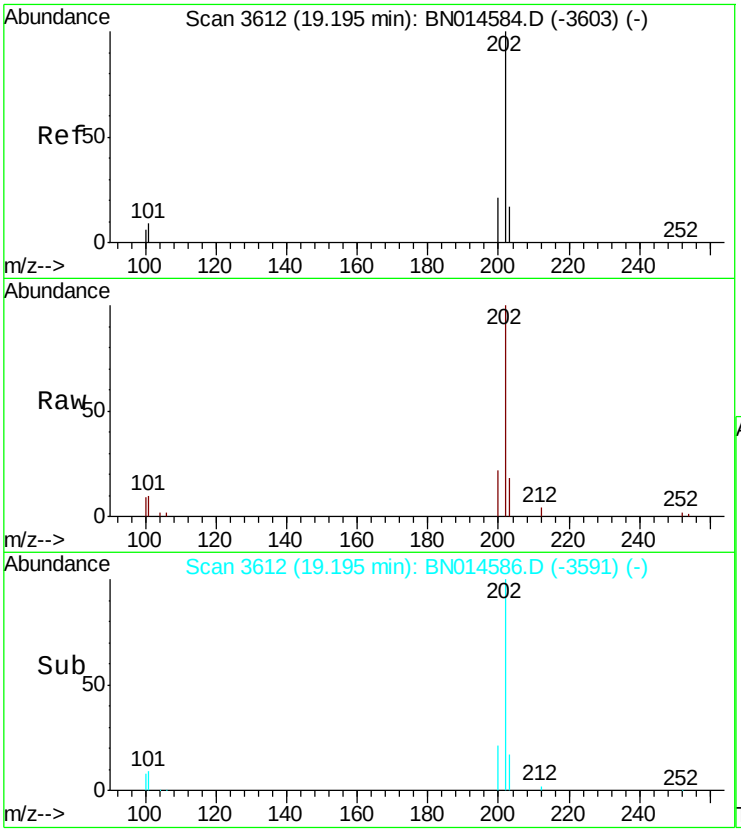


#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.27 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:178 Resp: 2915

Ion	Ratio	Lower	Upper
178	100		
179	16.9	14.1	21.1
176	20.7	15.8	23.6



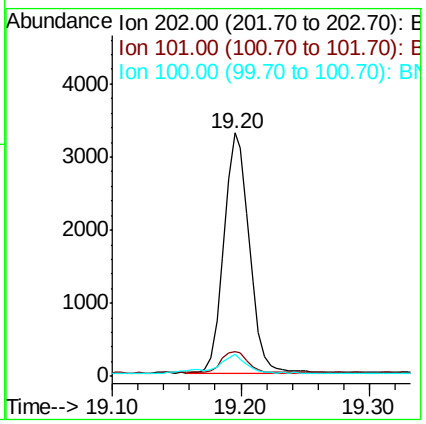


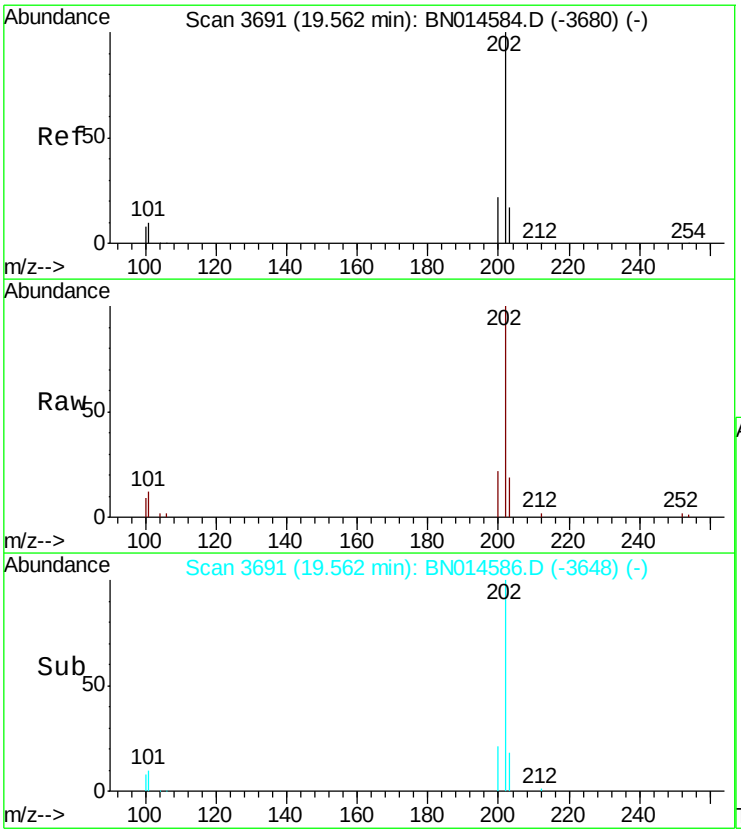
#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.20 min Scan# 3612
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:202 Resp: 4487

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.3	12.5
100	9.2	6.7	10.1

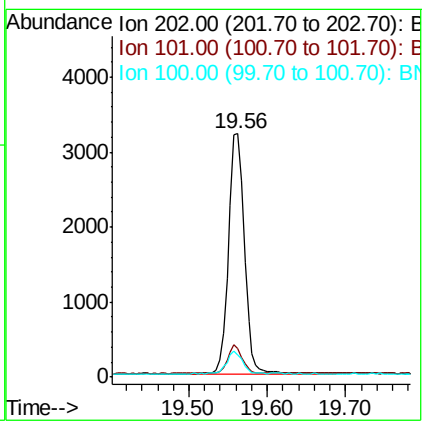


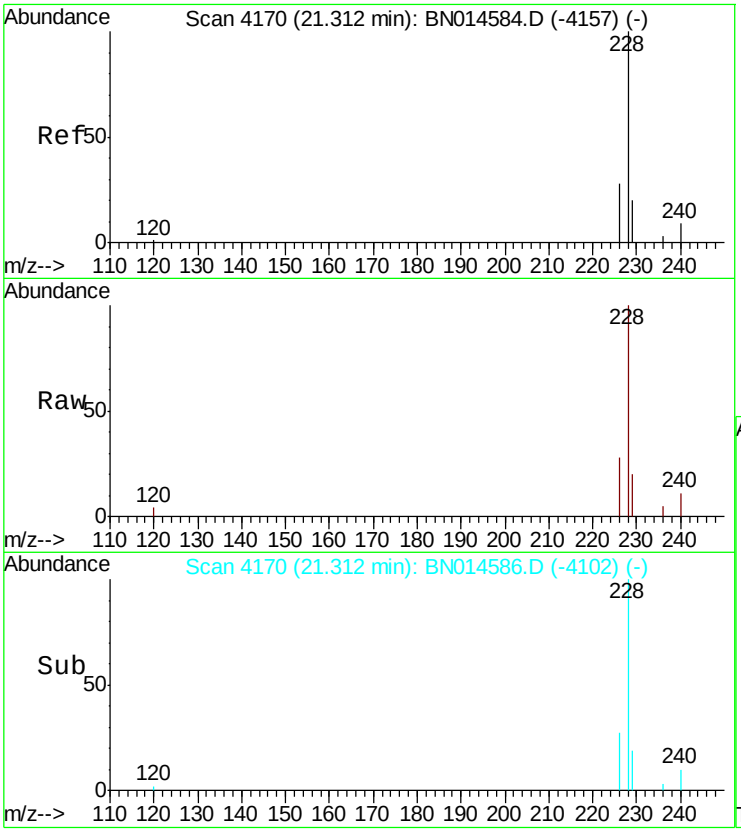


#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.56 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:202 Resp: 4511

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.0
100	9.3	8.2	12.4



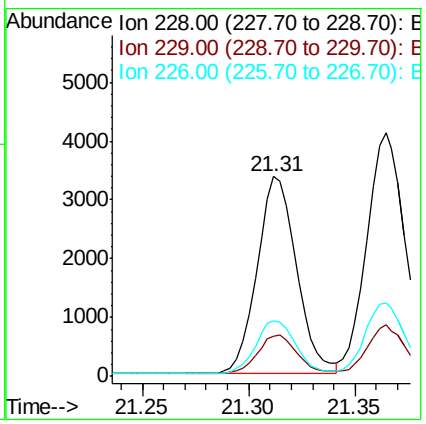


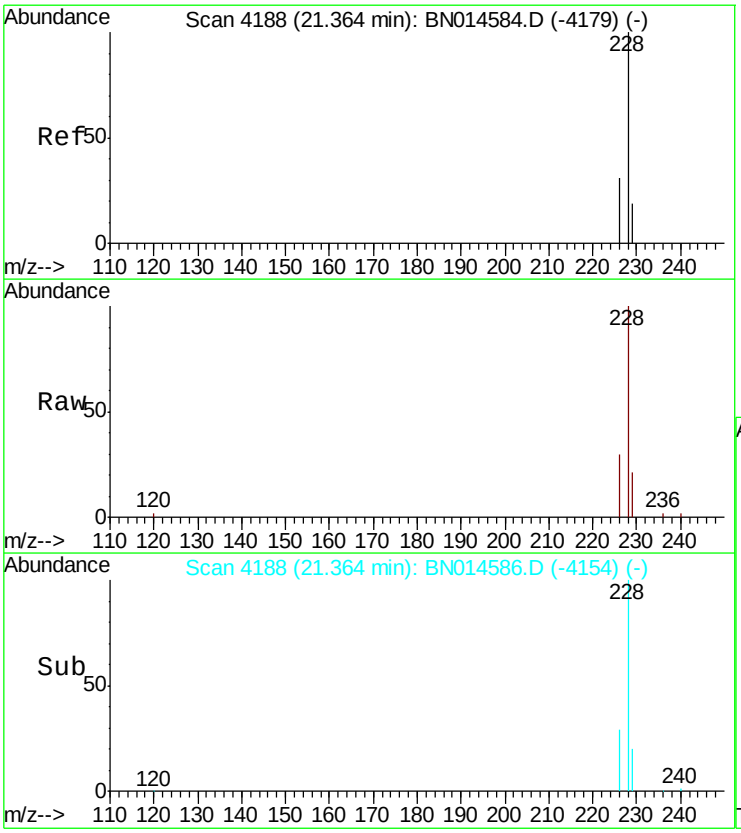
#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.31 min Scan# 4170
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:228 Resp: 4308

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	27.7	22.2	33.2

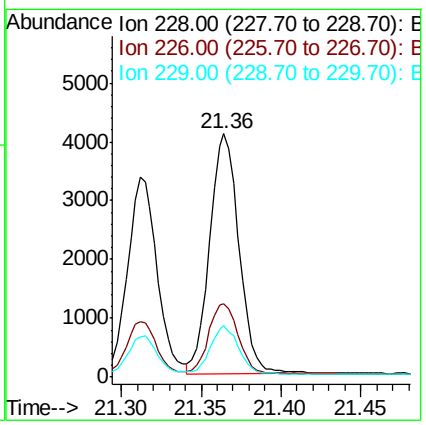


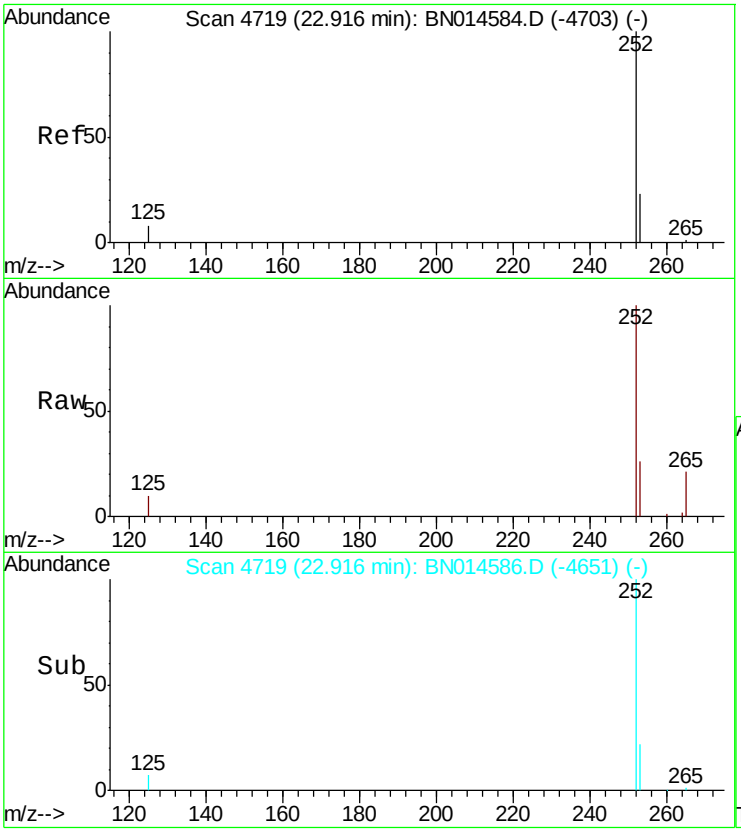


#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.36 min Scan# 4188
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:228 Resp: 5171

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.0	16.3	24.5



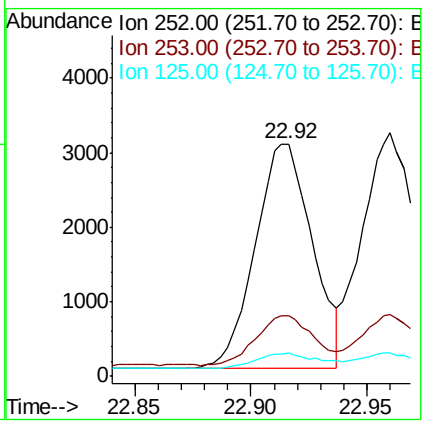


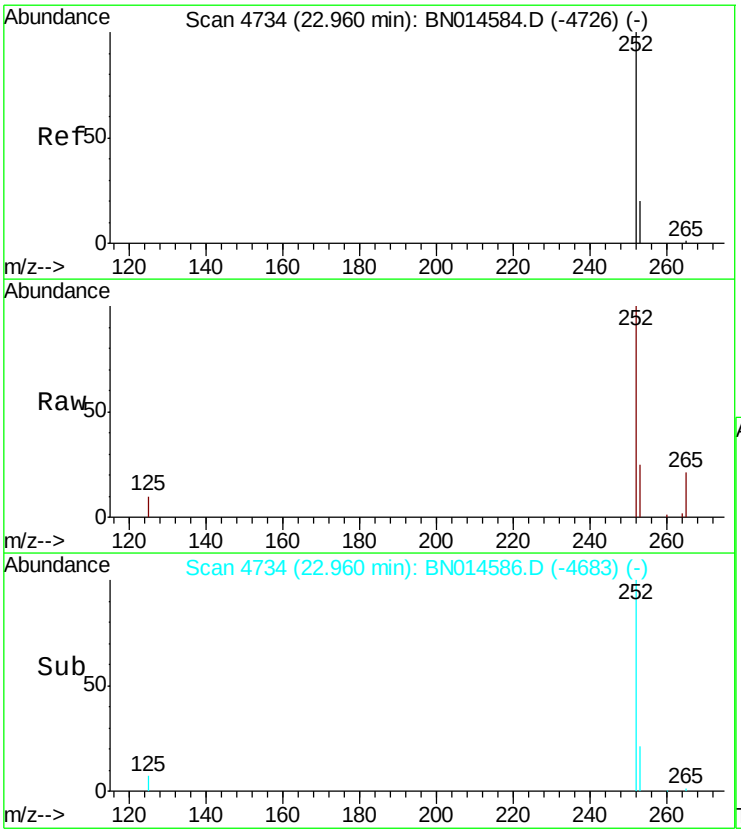
#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.92 min Scan# 4719
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:252 Resp: 5164

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	51.0
125	10.2	0.0	20.2

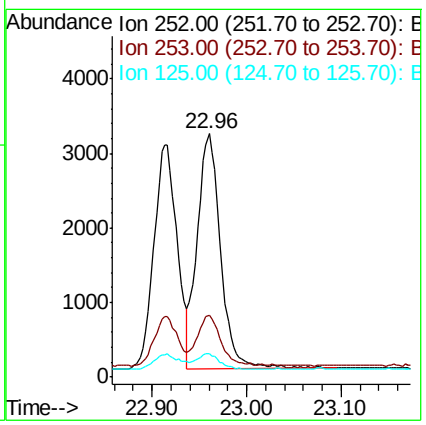


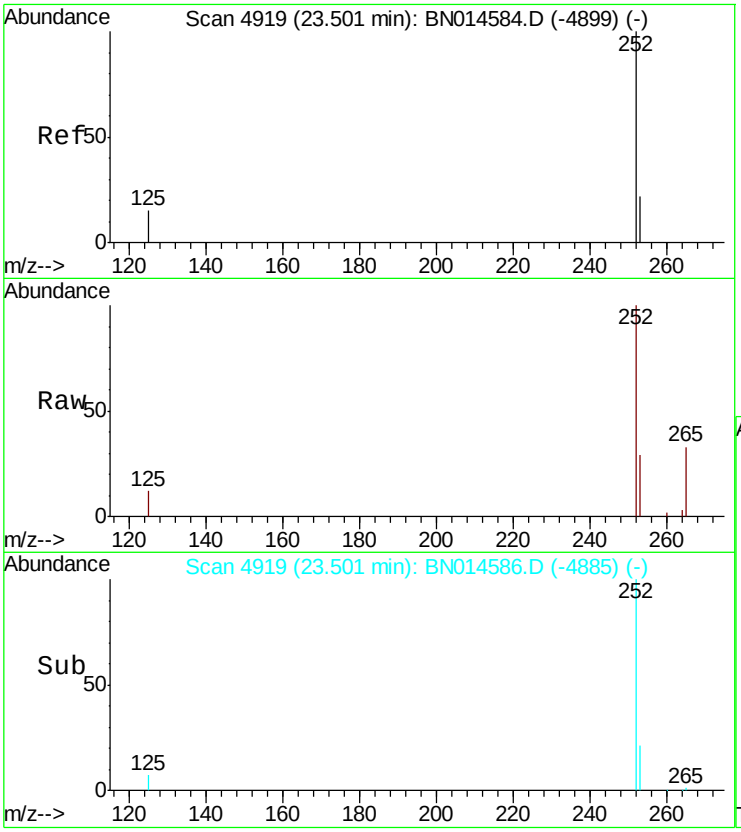


#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.96 min Scan# 4734
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:252 Resp: 5443

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.2	30.2
125	9.8	8.4	12.6



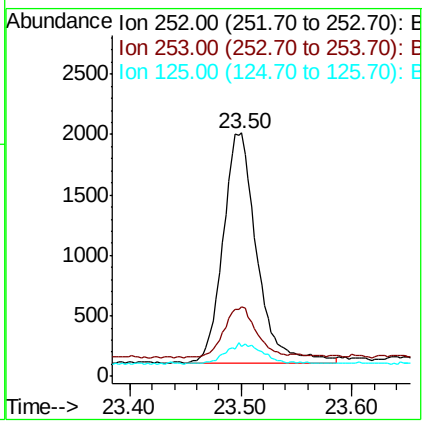


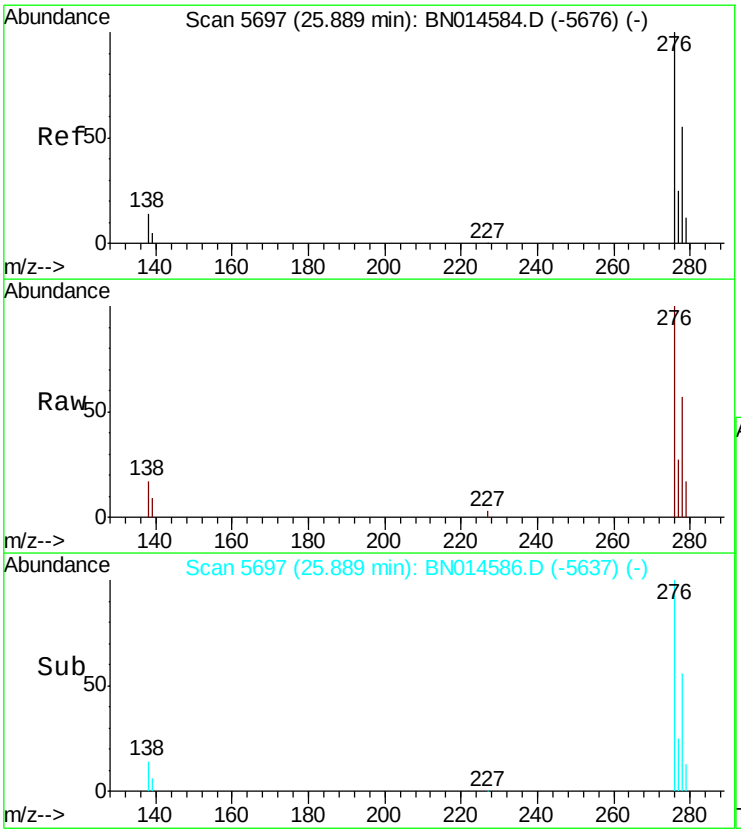
#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.50 min Scan# 4919
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:252 Resp: 4042

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.0	34.4
125	12.1	11.4	17.2

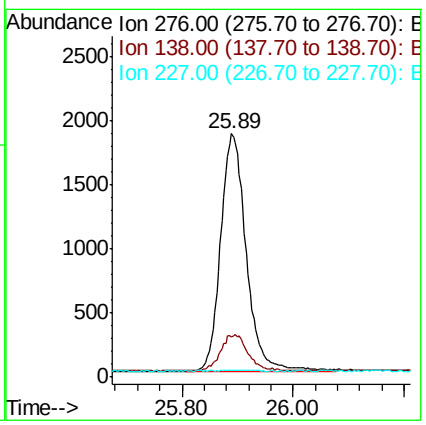


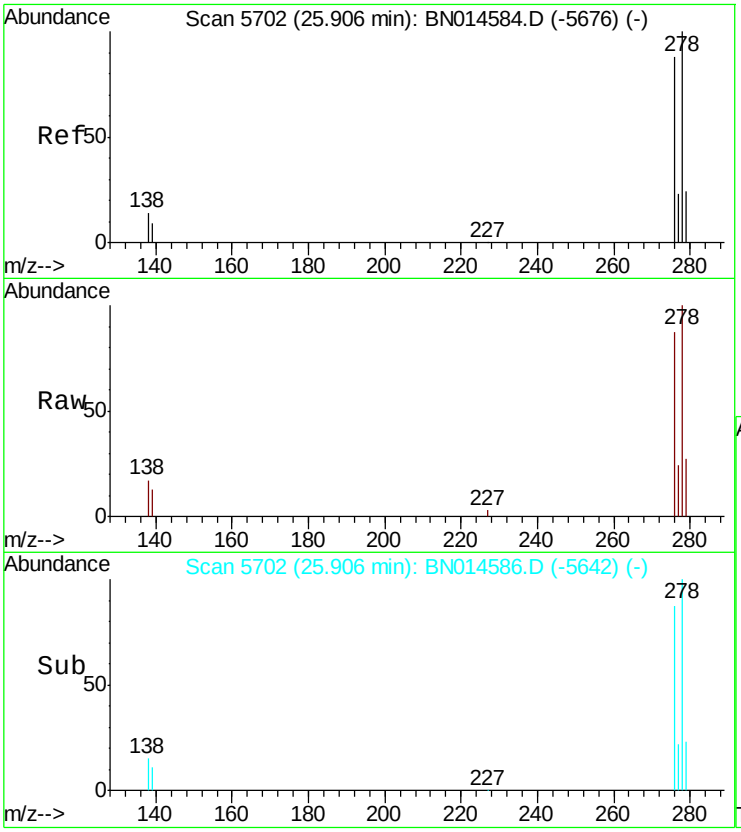


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 25.89 min Scan# 5697
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:276 Resp: 5893

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.1	21.1
227	0.1	0.0	0.0#



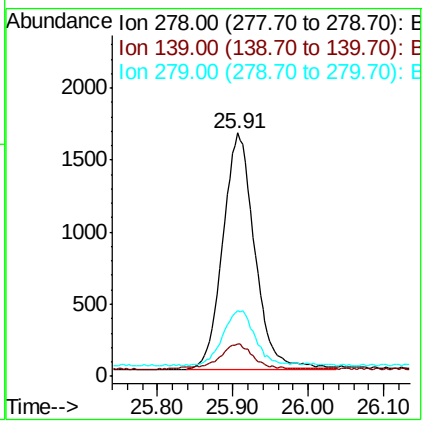


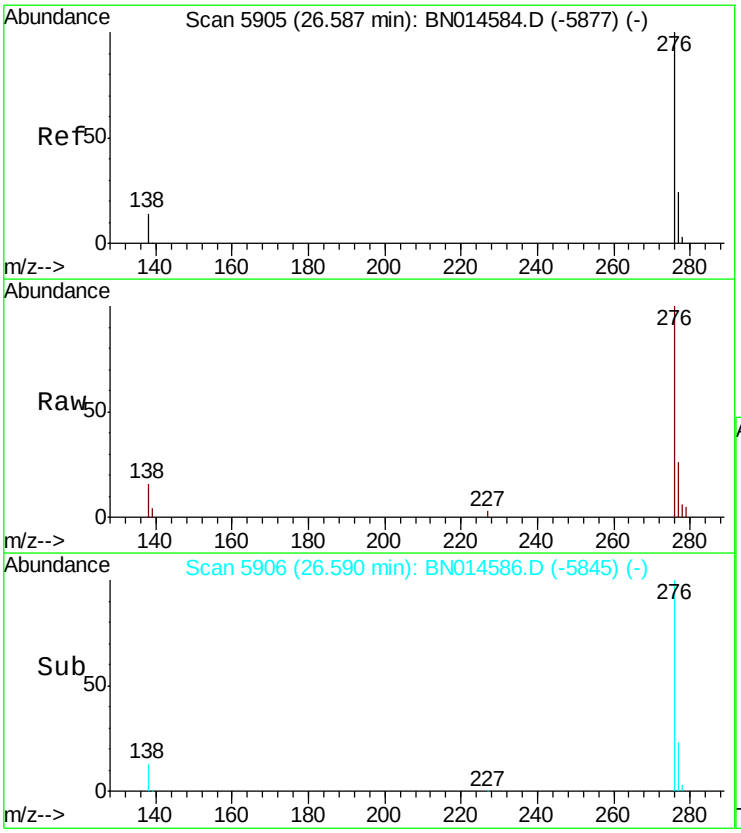
#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.91 min Scan# 5702
Delta R.T. -0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SLCS352

Tgt Ion:278 Resp: 4777

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.4	15.6
279	27.2	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.59 min Scan# 5906
Delta R.T. 0.00 min
Lab File: BN014586.D
Acq: 13 May 2021 12:52

Tgt Ion:276 Resp: 5004

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.6	18.8
277	25.8	20.9	31.3