Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
Data File : BN026452.D
Acq On : 10 Jul 2023 18:24
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 11 04:19:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	12876	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	6682	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	9736	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	6183	0.400	ng/ul	0.00
23) Perylene-d12	23.964	264	6682	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1686	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	6408	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	9221	0.392	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	1659	0.386	ng/ul	94
5) Naphthalene	10.781	128	13845	0.375	ng/ul	98
7) 2-Methylnaphthalene	12.403	142	7376	0.314	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	8340	0.343	ng/ul	100
10) Acenaphthylene	14.288	152	12121	0.387	ng/ul	99
11) Acenaphthene	14.626	153	9939	0.388	ng/ul	99
12) Fluorene	15.625	166	9502	0.324	ng/ul	99
14) Pentachlorophenol	16.996	266	704	0.202	ng/ul	99
15) Phenanthrene	17.368	178	11840	0.368	ng/ul	98
16) Anthracene	17.465	178	9943	0.348	ng/ul	96
19) Fluoranthene	19.387	202	12900	0.391	ng/ul	98
20) Pyrene	19.749	202	13827	0.403	ng/ul	96
21) Benzo(a)anthracene	21.505	228	8503	0.333	ng/ul	98
22) Chrysene	21.558	228	9697	0.365	ng/ul	98
24) Benzo(b)fluoranthene	23.218	252	10237	0.359	ng/ul	91
25) Benzo(k)fluoranthene	23.265	252	11088	0.387	ng/ul	93
26) Benzo(a)pyrene	23.858	252	9300	0.375	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.524	276	11586	0.428	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.534	278	8613	0.421	ng/ul#	92
29) Benzo(g,h,i)perylene	27.299	276	10609	0.441	ng/ul	98

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

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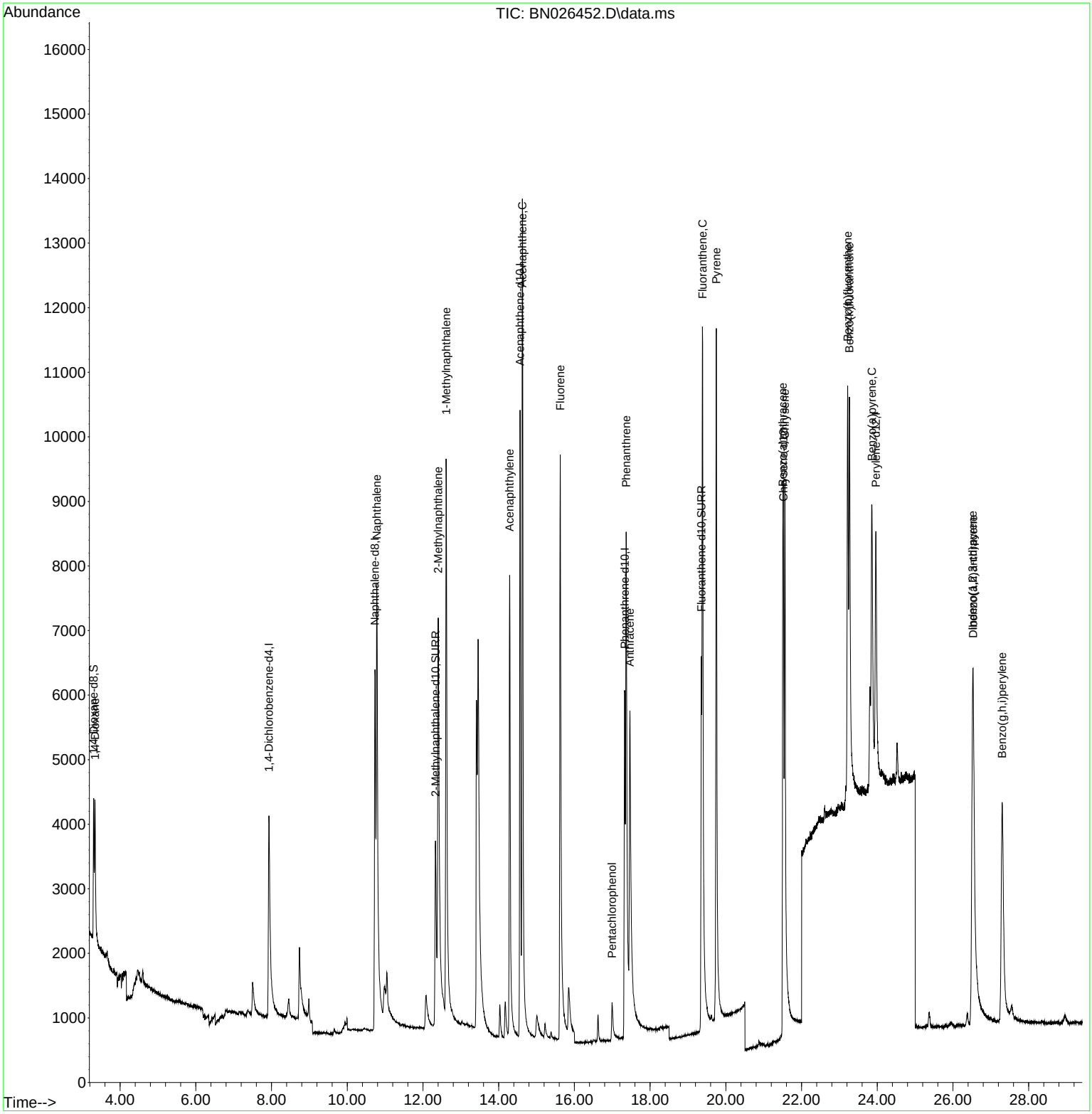
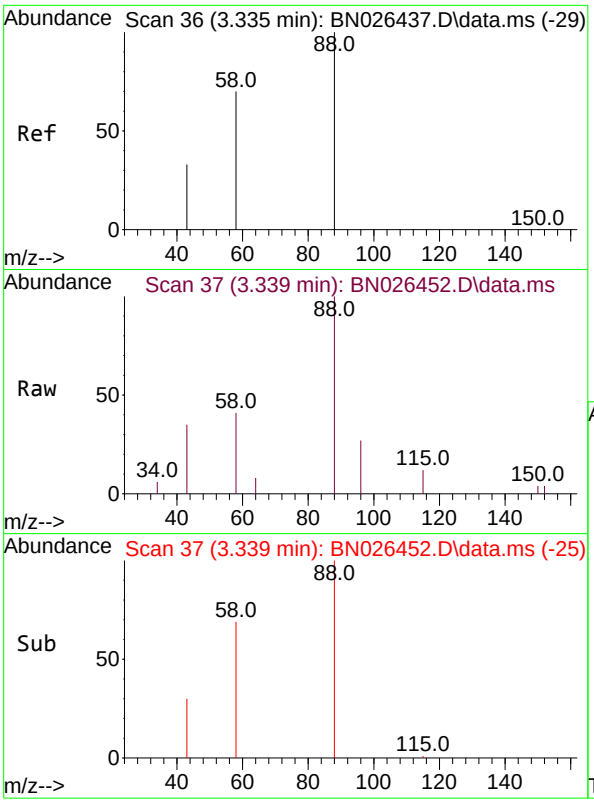


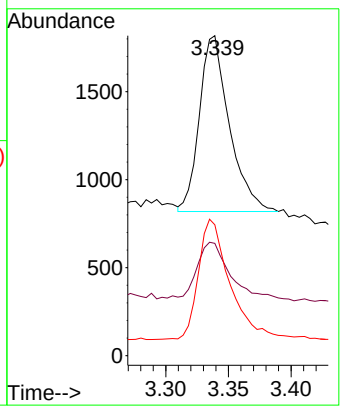


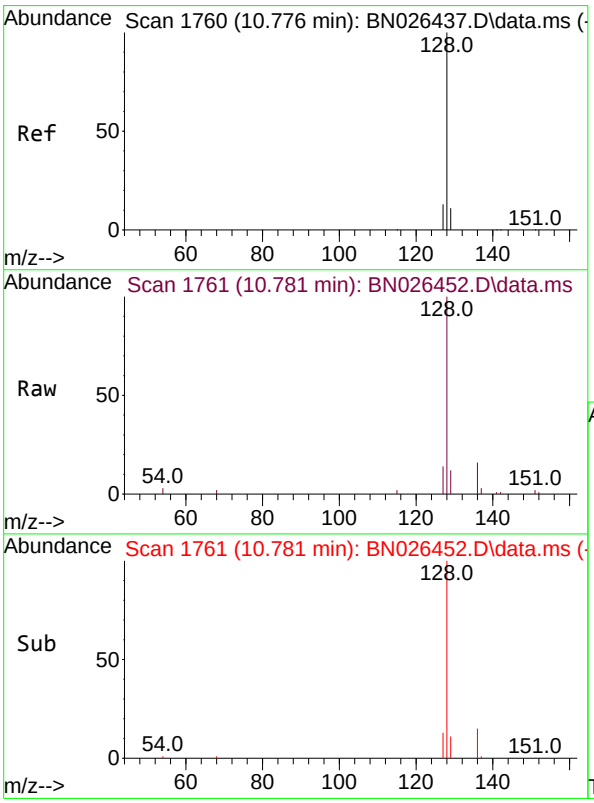
#2
1,4-Dioxane
Concen: 0.386 ng/ul
RT: 3.339 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1659

Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.5	44.3
58	40.9	37.4	56.2

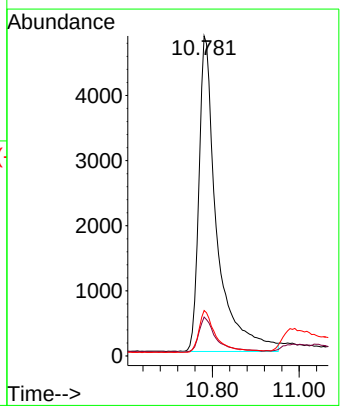


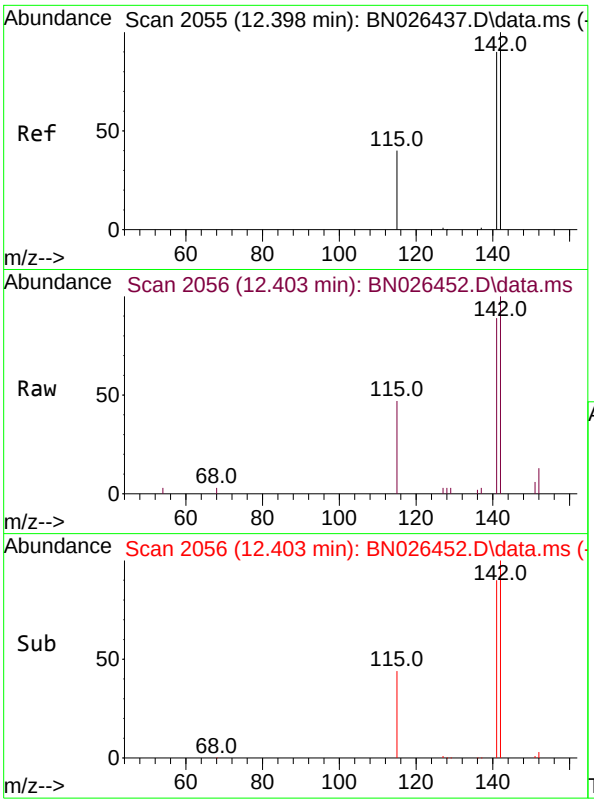


#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:128 Resp: 13845

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.2	10.7	16.1



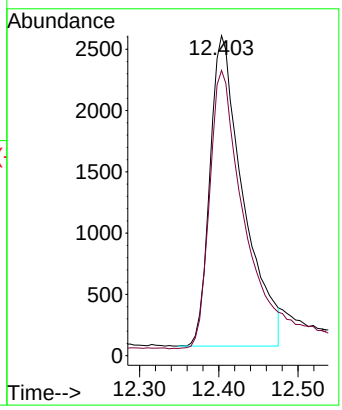


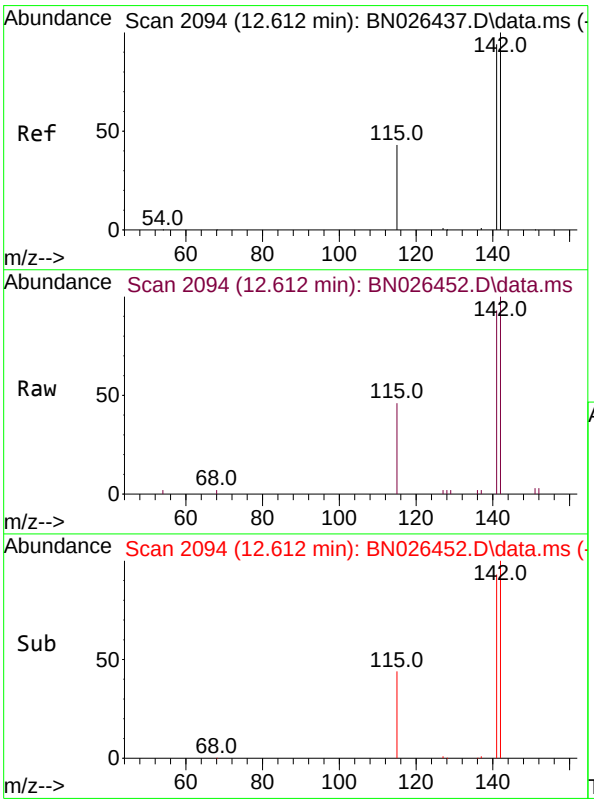
#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.403 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 7376

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9

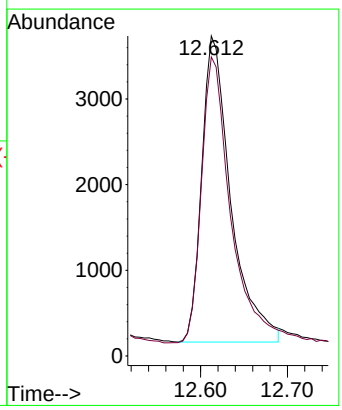


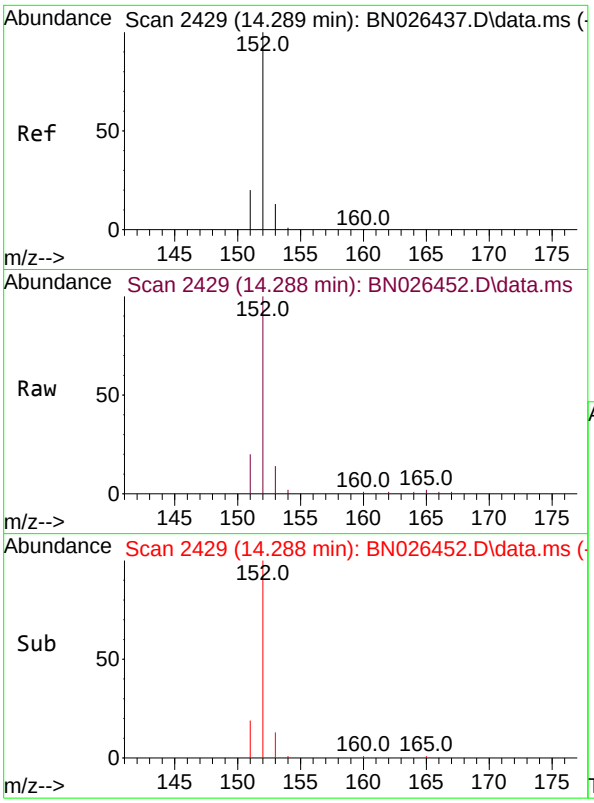


#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:142 Resp: 8340

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4



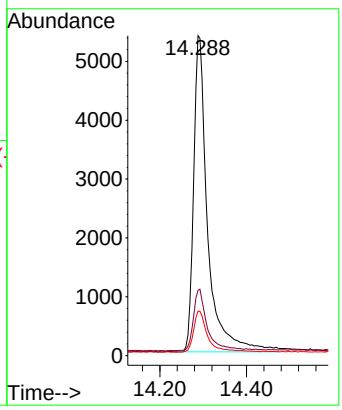


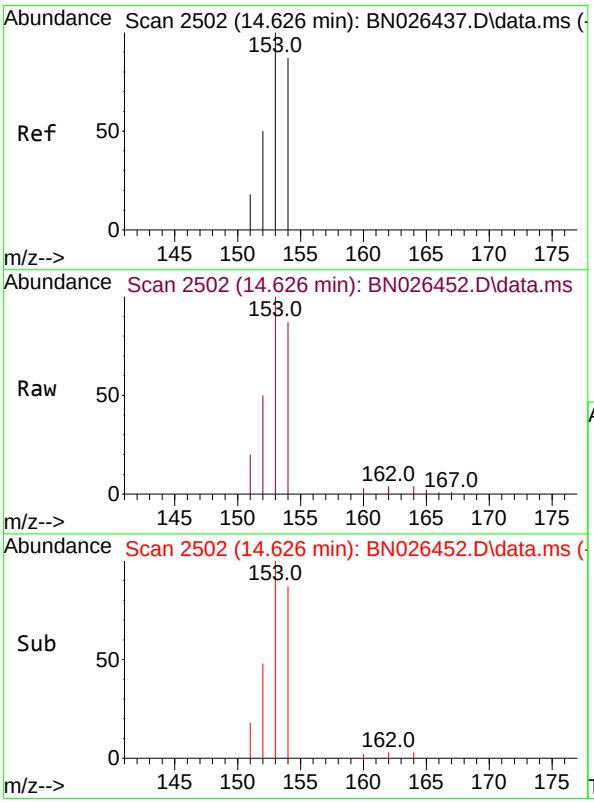
#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.288 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12121

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.9	10.9	16.3

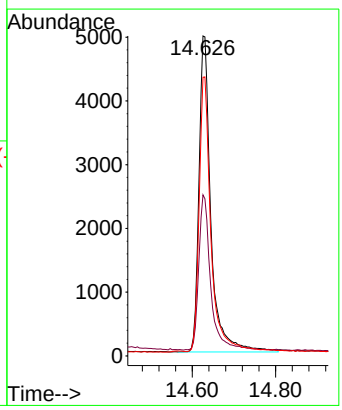


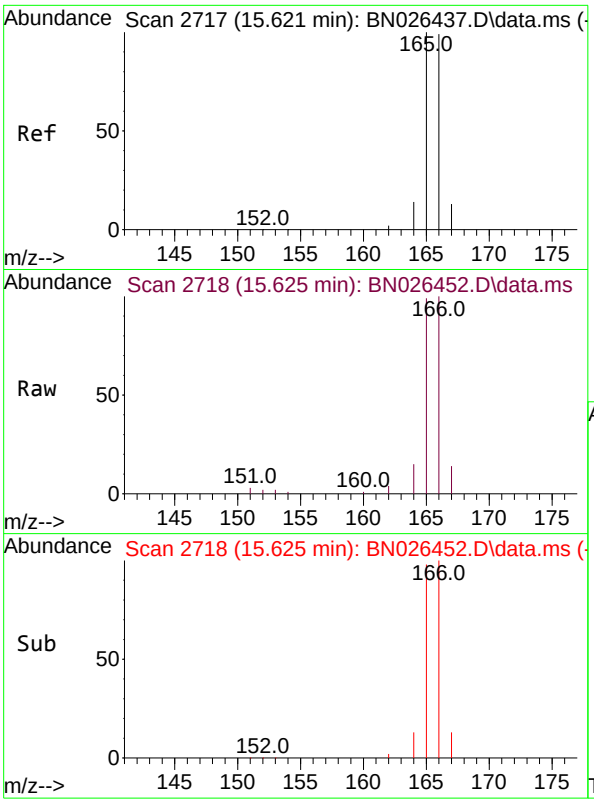


#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:153 Resp: 9939

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.4	59.0
154	87.1	68.9	103.3



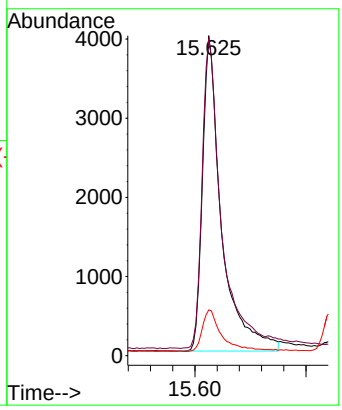


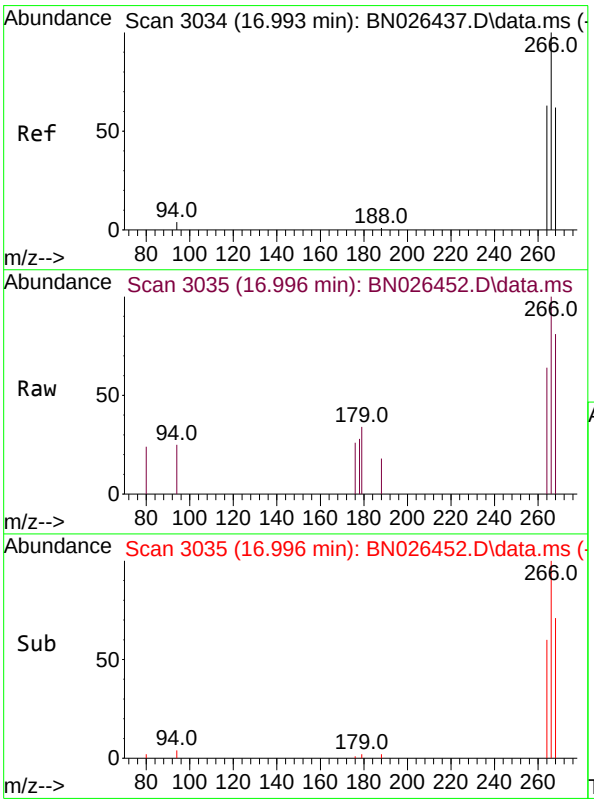
#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.625 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9502

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.9	119.9
167	14.3	10.8	16.2

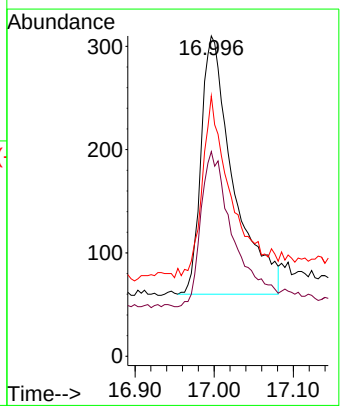


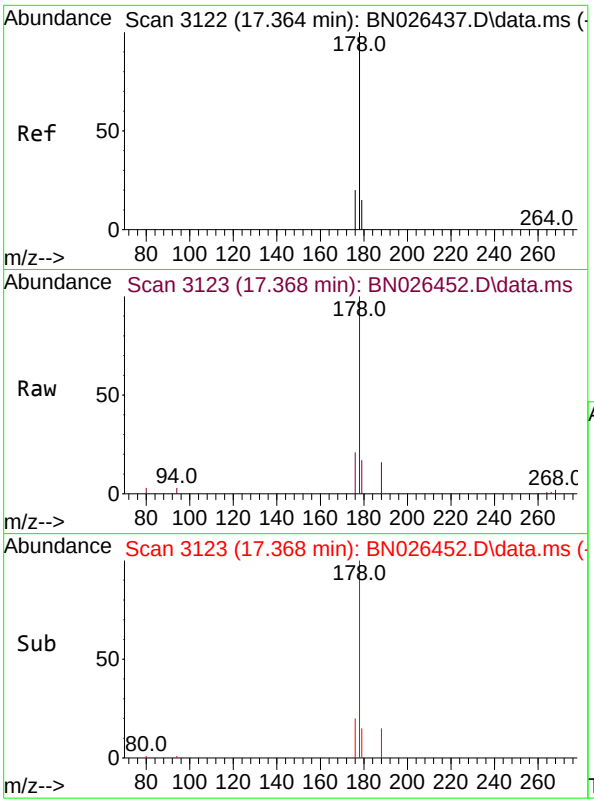


#14
Pentachlorophenol
Concen: 0.202 ng/ul
RT: 16.996 min Scan# 3035
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:266 Resp: 704

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.5	75.7
268	65.1	51.6	77.4



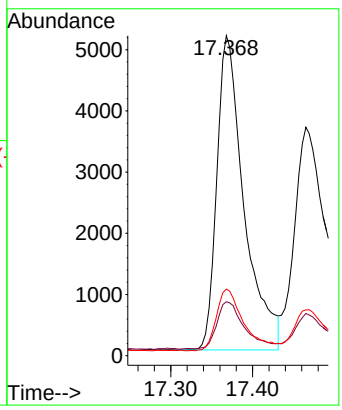


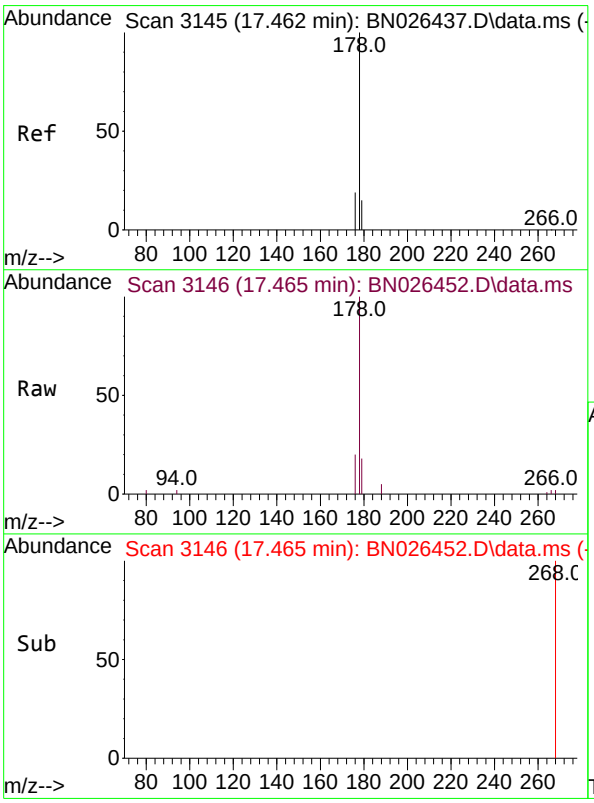
#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11840

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.8	15.8	23.6

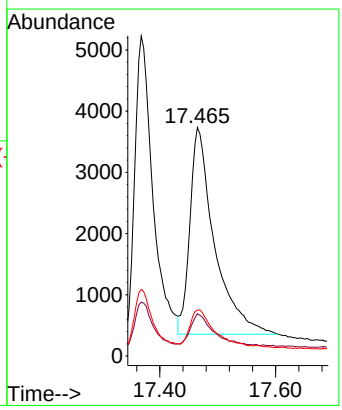


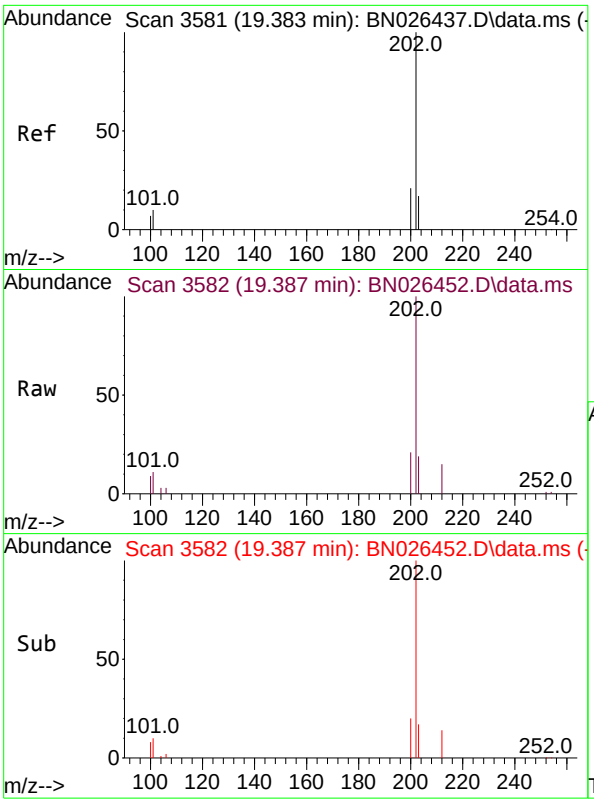


#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:178 Resp: 9943

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.6	18.8
176	20.0	15.1	22.7



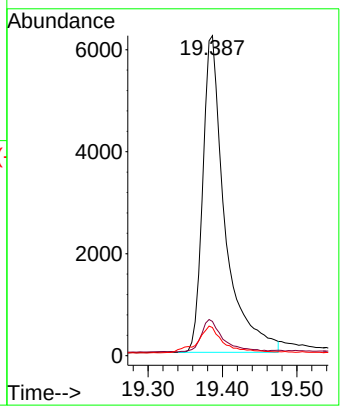


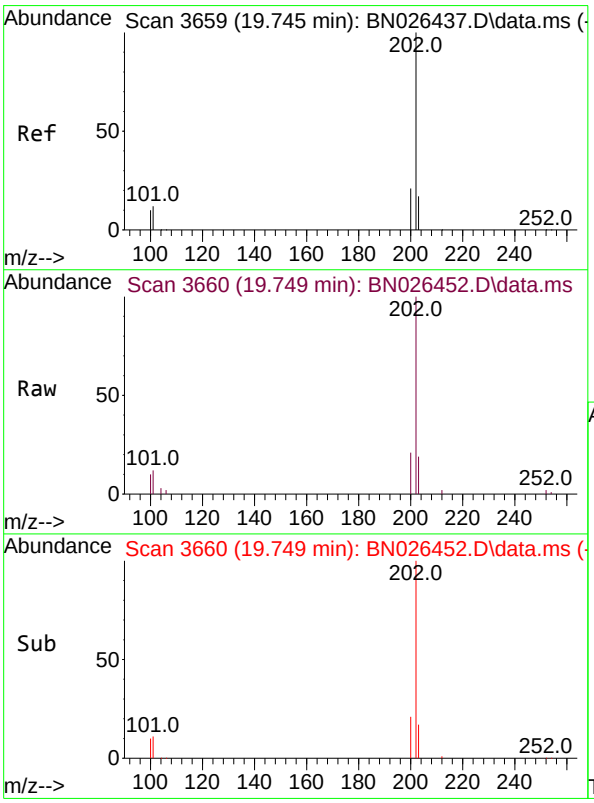
#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.387 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 12900

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.5	14.3
100	8.8	7.3	10.9

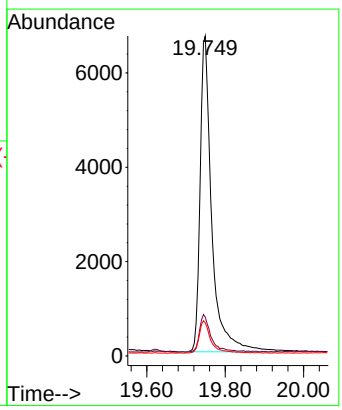


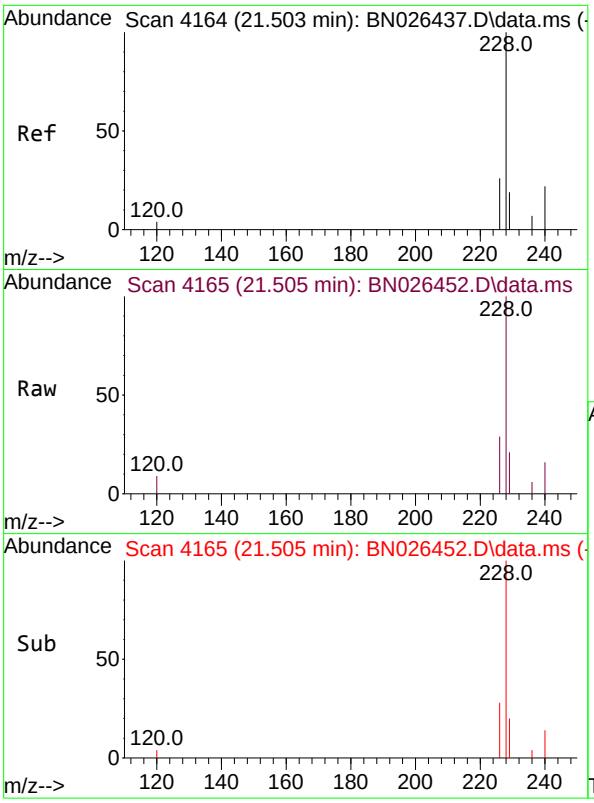


#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:202 Resp: 13827

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
100	10.4	9.1	13.7



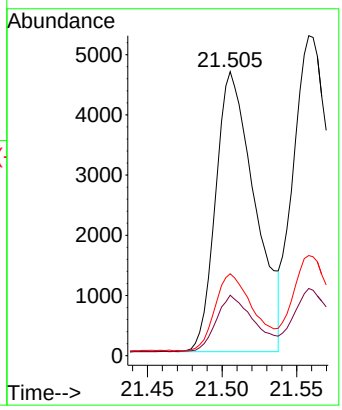


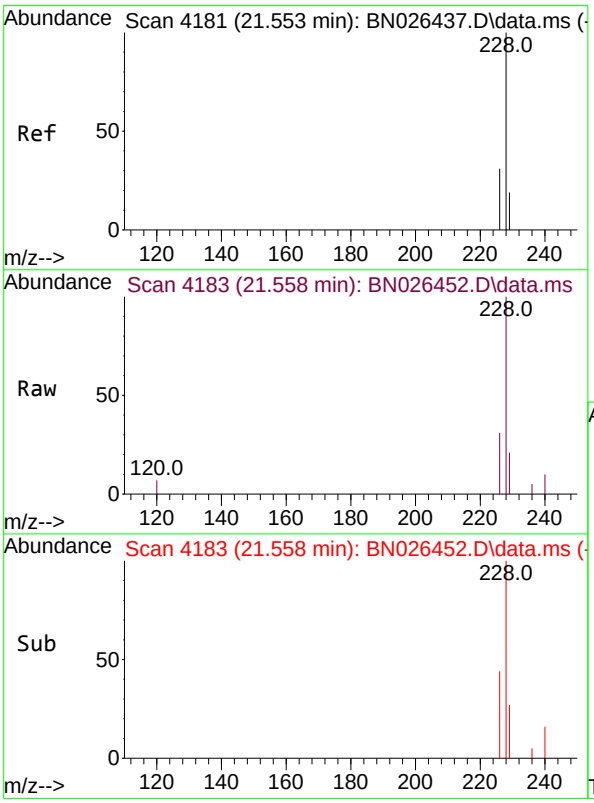
#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.505 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8503

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	28.9	22.5	33.7

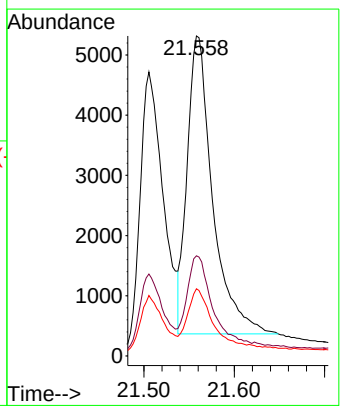


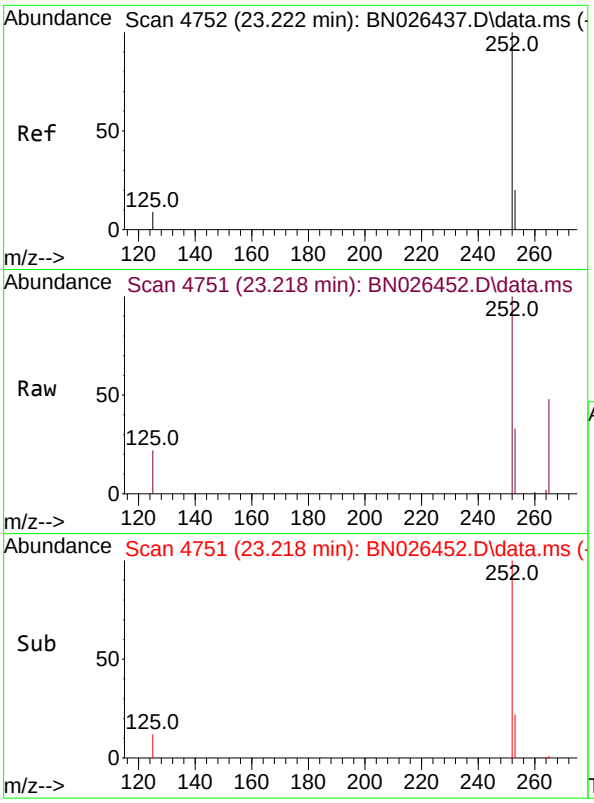


#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. 0.006 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:228 Resp: 9697

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	21.0	15.7	23.5



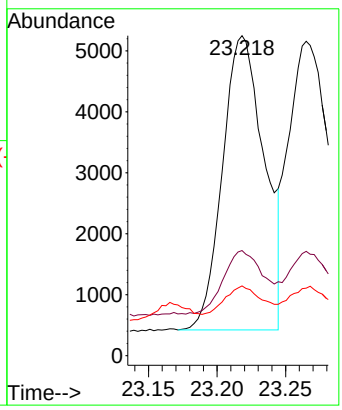


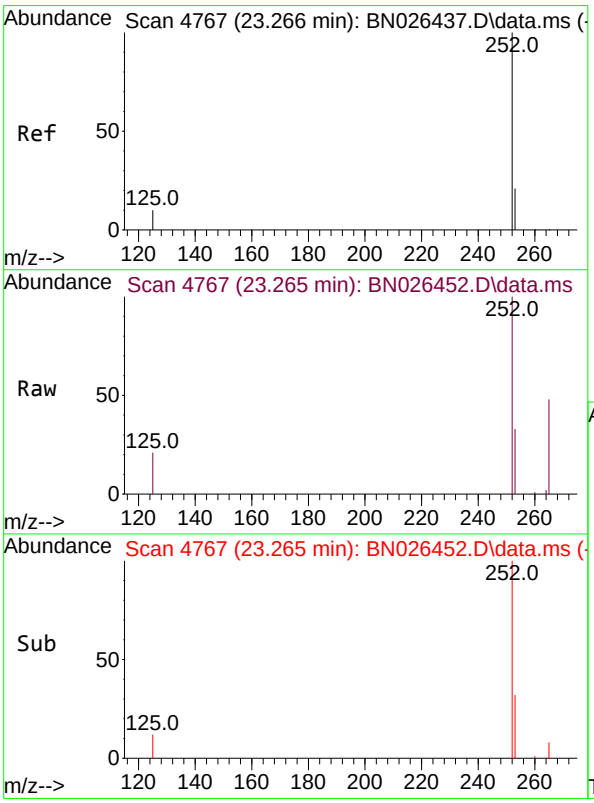
#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.218 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10237

Ion	Ratio	Lower	Upper
252	100		
253	32.8	0.0	55.6
125	21.8	0.0	35.8

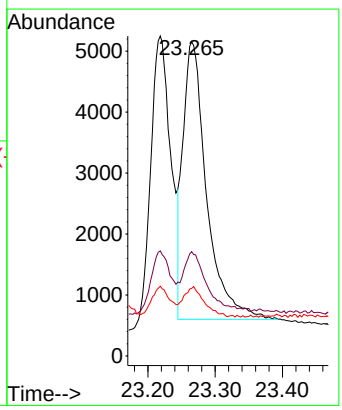


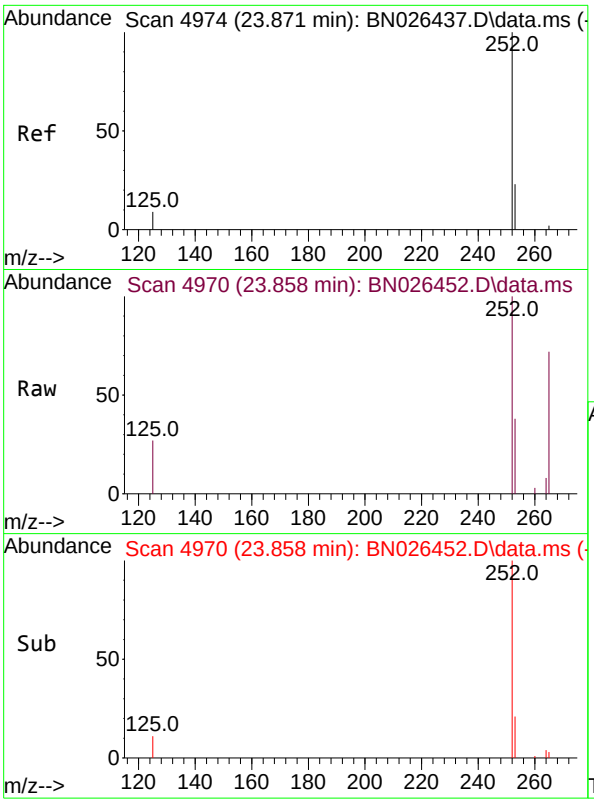


#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.265 min Scan# 4767
Delta R.T. 0.003 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:252 Resp: 11088

Ion	Ratio	Lower	Upper
252	100		
253	33.2	23.2	34.8
125	21.5	15.0	22.4



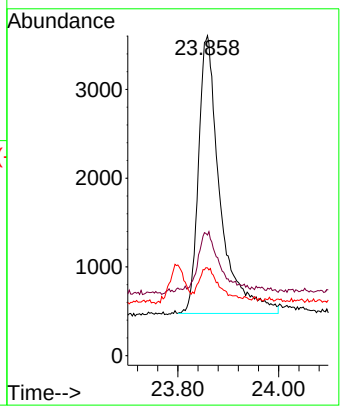


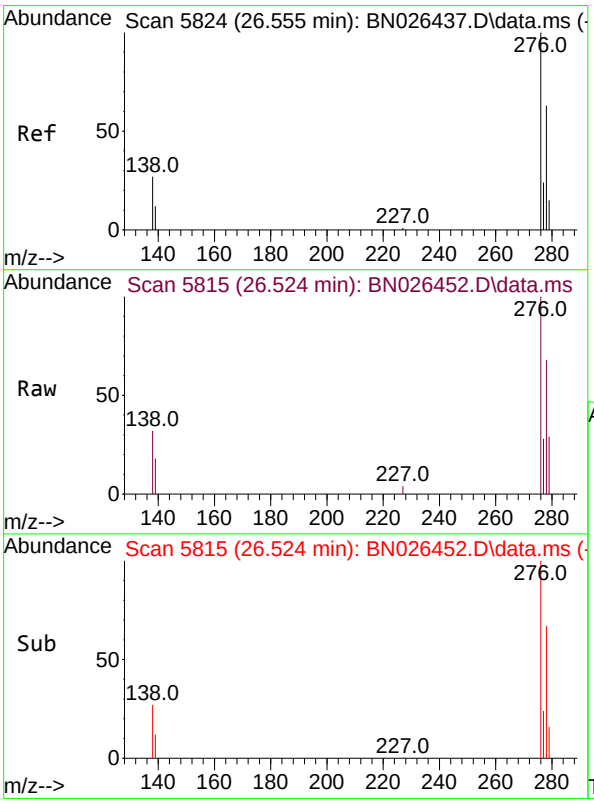
#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.858 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9300

Ion	Ratio	Lower	Upper
252	100		
253	37.7	26.0	39.0
125	27.5	17.3	25.9#

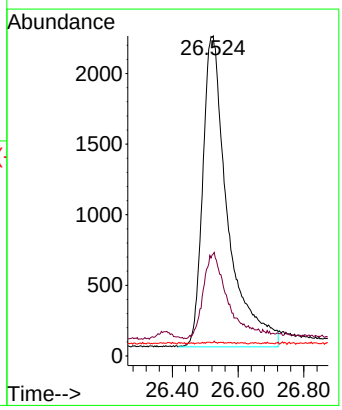


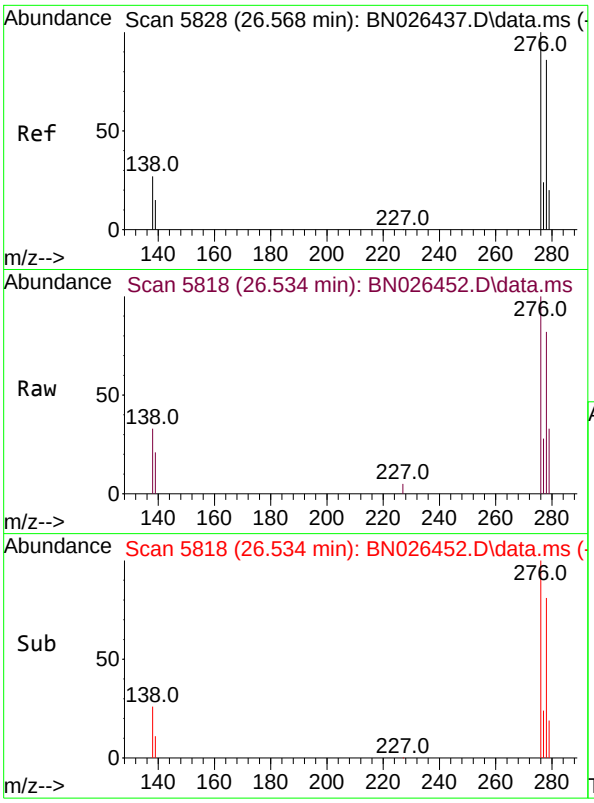


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.524 min Scan# 5815
Delta R.T. -0.017 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:276 Resp: 11586

Ion	Ratio	Lower	Upper
276	100		
138	26.8	24.5	36.7
227	0.1	0.0	0.0#



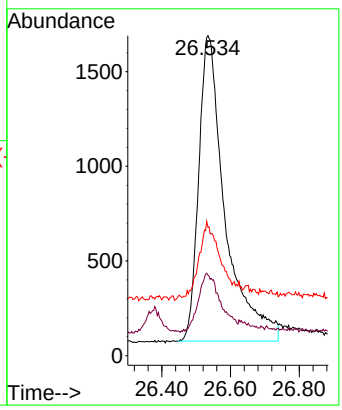


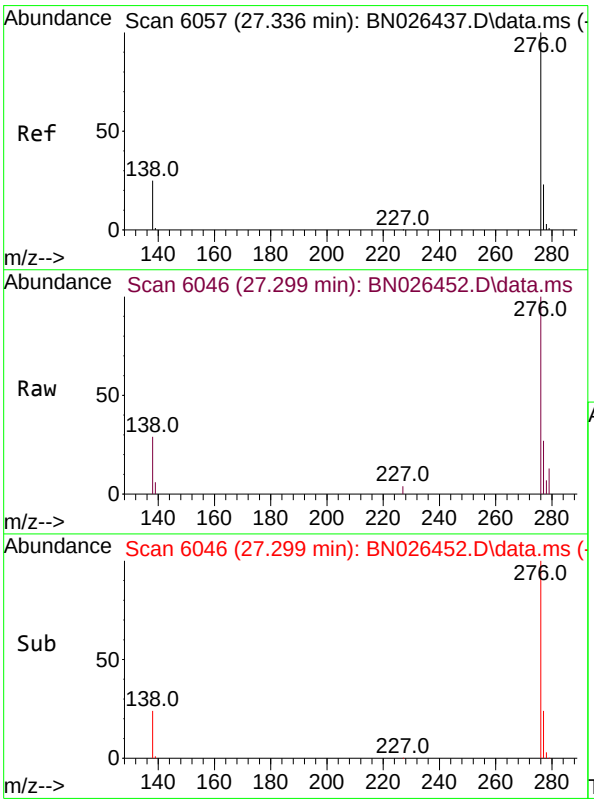
#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 26.534 min Scan# 5
Delta R.T. -0.027 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8613

Ion	Ratio	Lower	Upper
278	100		
139	25.1	19.0	28.4
279	40.1	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 27.299 min Scan# 6046
Delta R.T. -0.037 min
Lab File: BN026452.D
Acq: 10 Jul 2023 18:24

Tgt Ion:276 Resp: 10609

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.4	35.0
277	27.5	20.0	30.0