Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
Data File : BN027362.D
Acq On : 02 Sep 2023 03:48
Operator : MA/JU
Sample : SSTD0.427
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Quant Time: Sep 02 06:11:13 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 : Sat Sep 02 06:08:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4113	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	12940	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	7422	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.438	188	16804	0.400	ng/ul	0.00
17) Chrysene-d12	21.609	240	13448	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	11229	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	2487	0.509	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	8584	0.451	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	19769	0.466	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.456	88	2332	0.468	ng/ul	100
5) Naphthalene	10.933	128	16253	0.444	ng/ul	100
7) 2-Methylnaphthalene	12.533	142	10206	0.461	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	10759	0.464	ng/ul	100
10) Acenaphthylene	14.421	152	14589	0.351	ng/ul	100
11) Acenaphthene	14.749	153	12659	0.440	ng/ul	100
12) Fluorene	15.739	166	14288	0.439	ng/ul	100
14) Pentachlorophenol	17.067	266	1287	0.271	ng/ul	100
15) Phenanthrene	17.481	178	23565	0.427	ng/ul	100
16) Anthracene	17.573	178	18507	0.371	ng/ul	100
19) Fluoranthene	19.487	202	26568	0.476	ng/ul	100
20) Pyrene	19.850	202	27033	0.454	ng/ul	100
21) Benzo(a)anthracene	21.591	228	20301	0.380	ng/ul	100
22) Chrysene	21.647	228	23981	0.454	ng/ul	100
24) Benzo(b)fluoranthene	23.345	252	22695	0.534	ng/ul	100
25) Benzo(k)fluoranthene	23.398	252	22468	0.536	ng/ul	100
26) Benzo(a)pyrene	24.018	252	17331	0.452	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.800	276	19541	0.390	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.834	278	14843	0.371	ng/ul	100
29) Benzo(g,h,i)perylene	27.629	276	18031	0.432	ng/ul	100

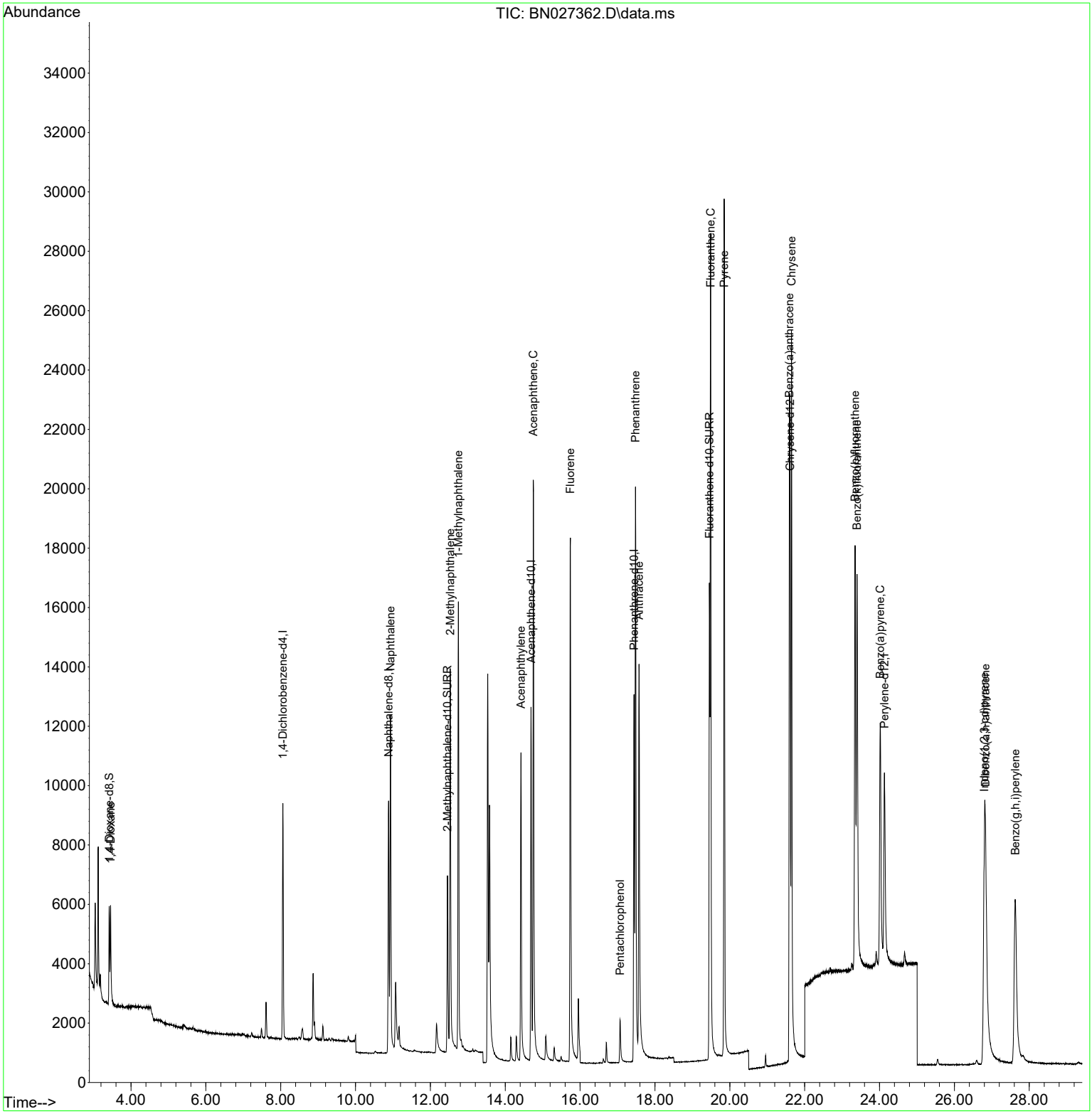
(#) = qualifier out of range (m) = manual integration (+) = signals summed

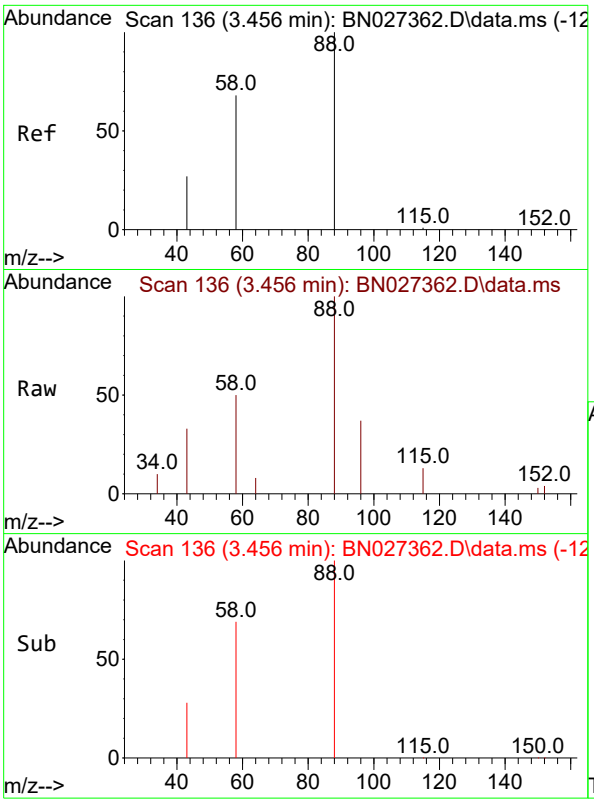
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
Data File : BN027362.D
Acq On : 02 Sep 2023 03:48
Operator : MA/JU
Sample : SSTD0.427
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Quant Time: Sep 02 06:11:13 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 : Sat Sep 02 06:08:27 2023
Response via : Initial Calibration



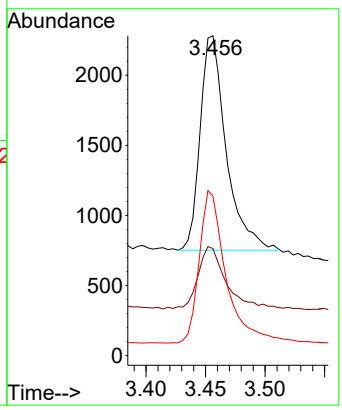


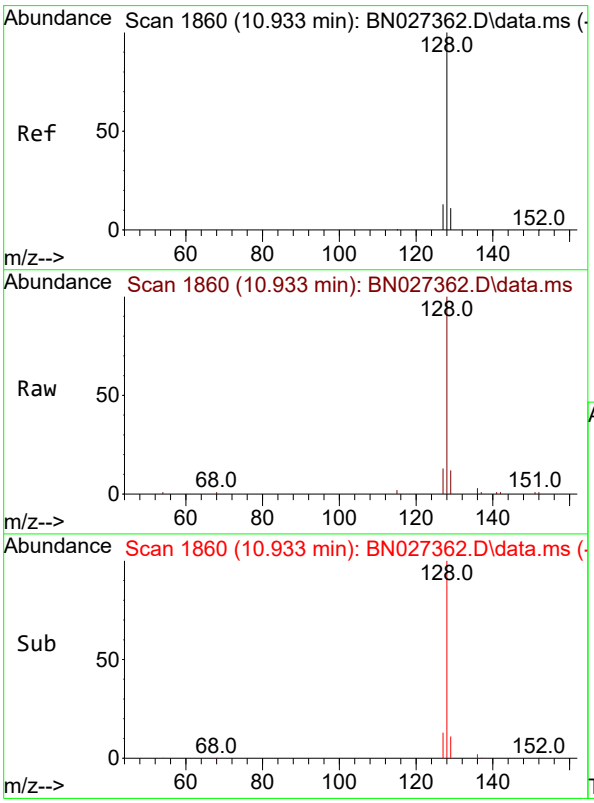
#2
1,4-Dioxane
Concen: 0.468 ng/ul
RT: 3.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion: 88 Resp: 2332

Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.8	40.2
58	49.9	39.9	59.9

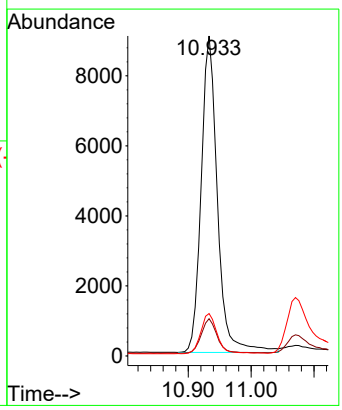


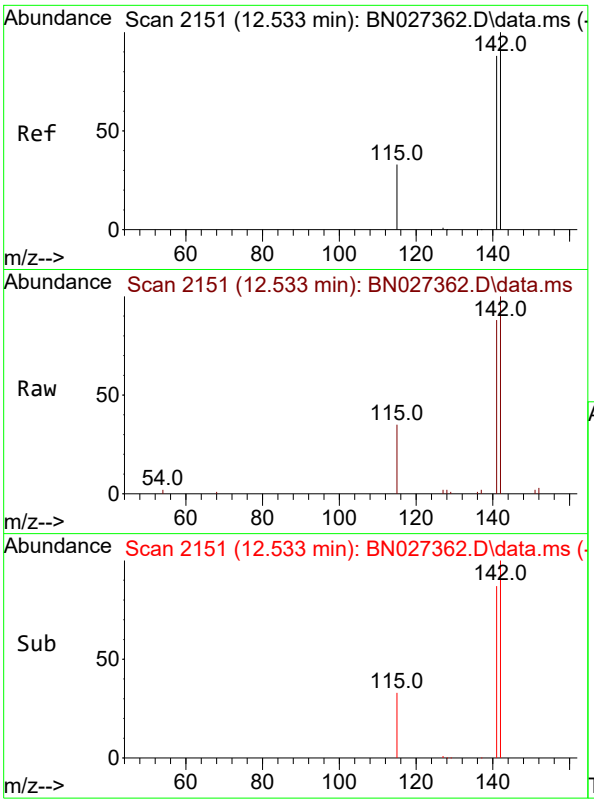


#5
Naphthalene
Concen: 0.444 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:128 Resp: 16253

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.3	10.6	16.0



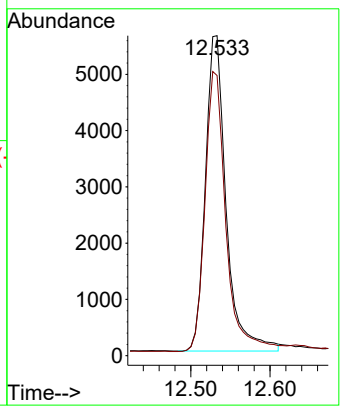


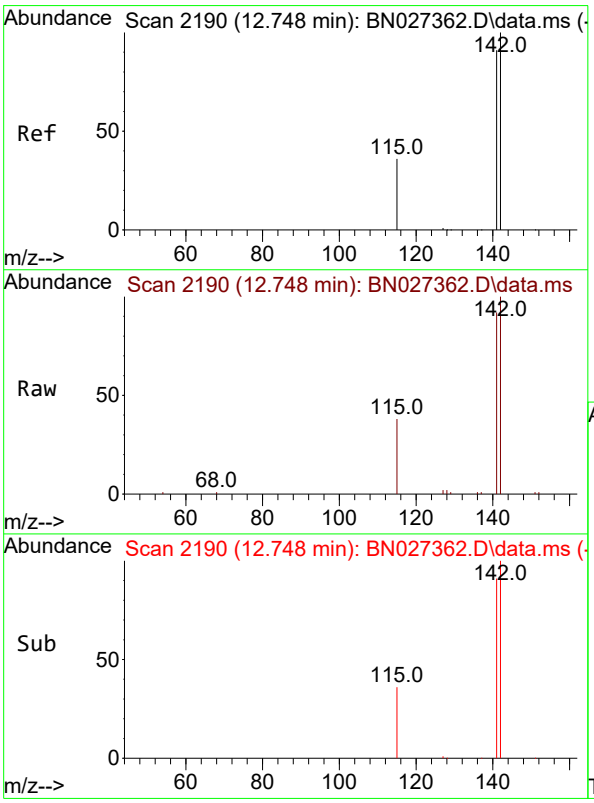
#7
2-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:142 Resp: 10206

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4

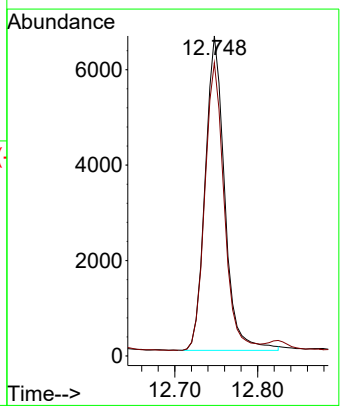


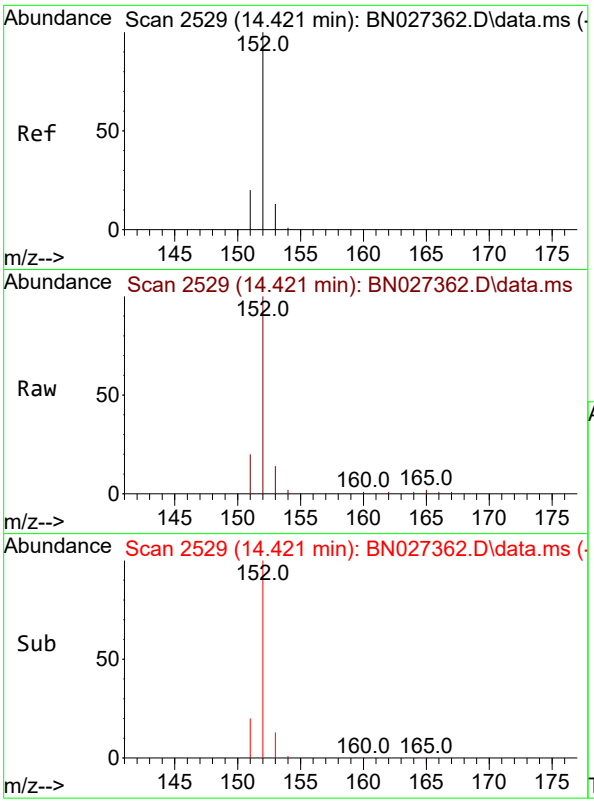


#8
1-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:142 Resp: 10759

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.4



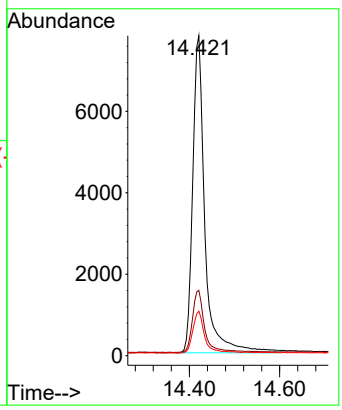


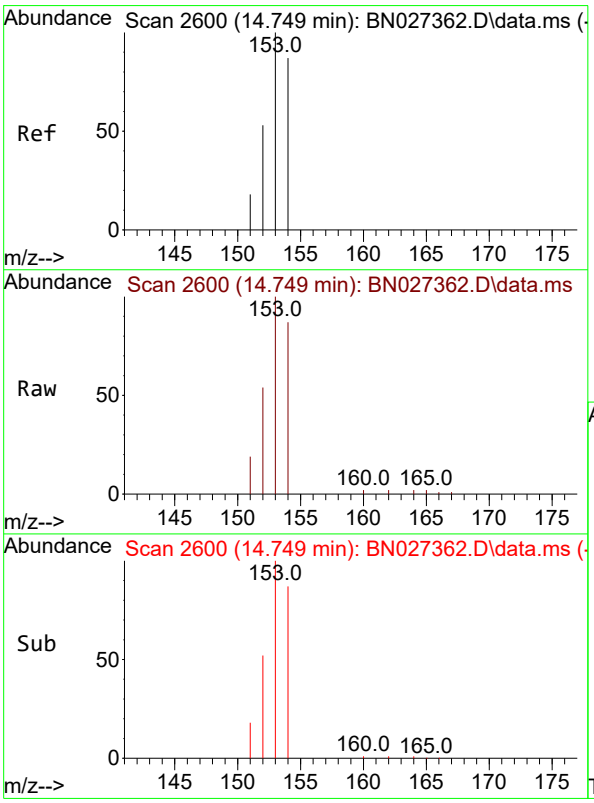
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.421 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:152 Resp: 14589

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.9	11.1	16.7

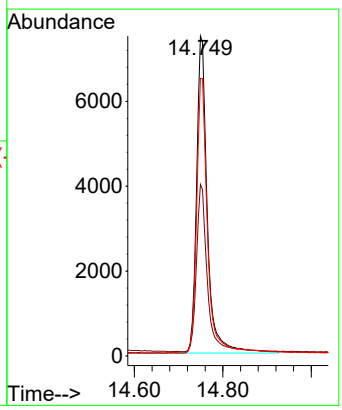


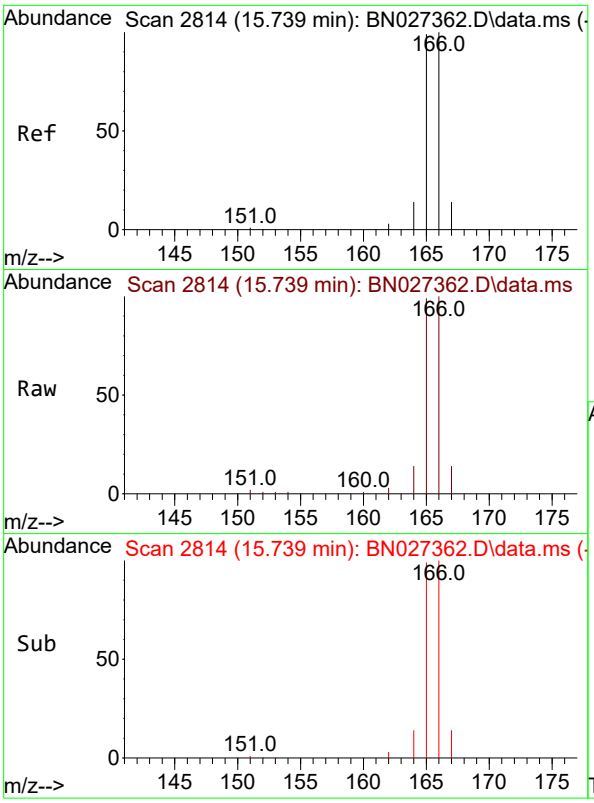


#11
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:153 Resp: 12659

Ion	Ratio	Lower	Upper
153	100		
152	53.6	42.9	64.3
154	86.7	69.4	104.0



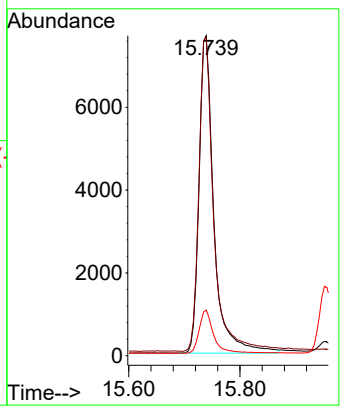


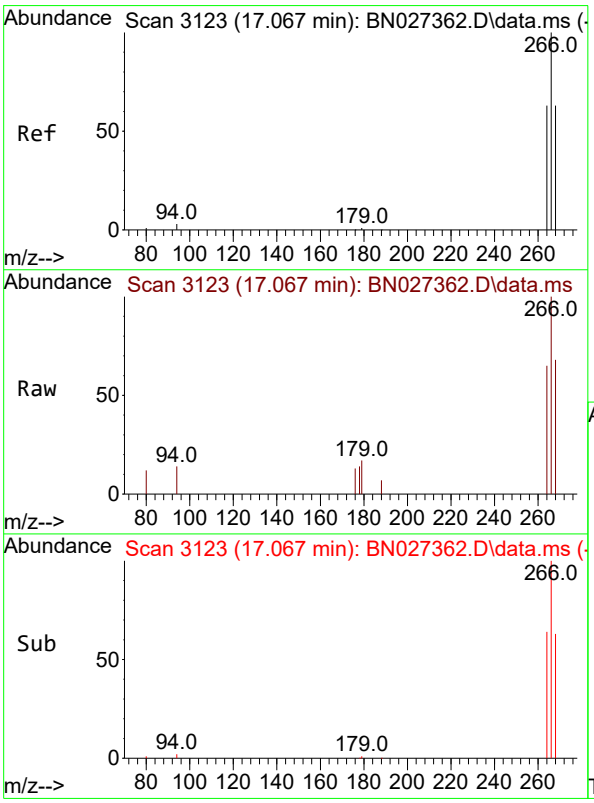
#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.739 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:166 Resp: 14288

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.6	119.4
167	14.2	11.4	17.0

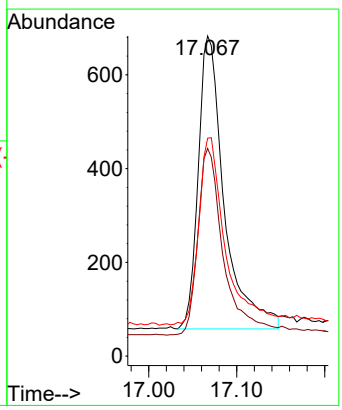


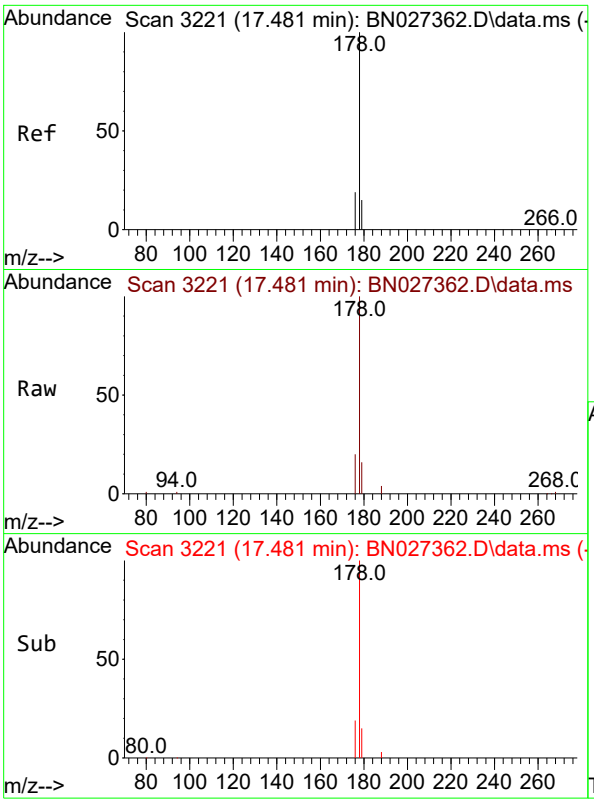


#14
Pentachlorophenol
Concen: 0.271 ng/ul
RT: 17.067 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:266 Resp: 1287

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.4	75.6
268	64.9	51.9	77.9



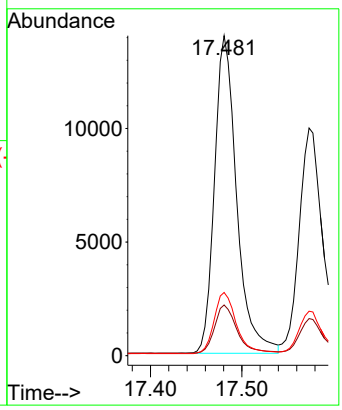


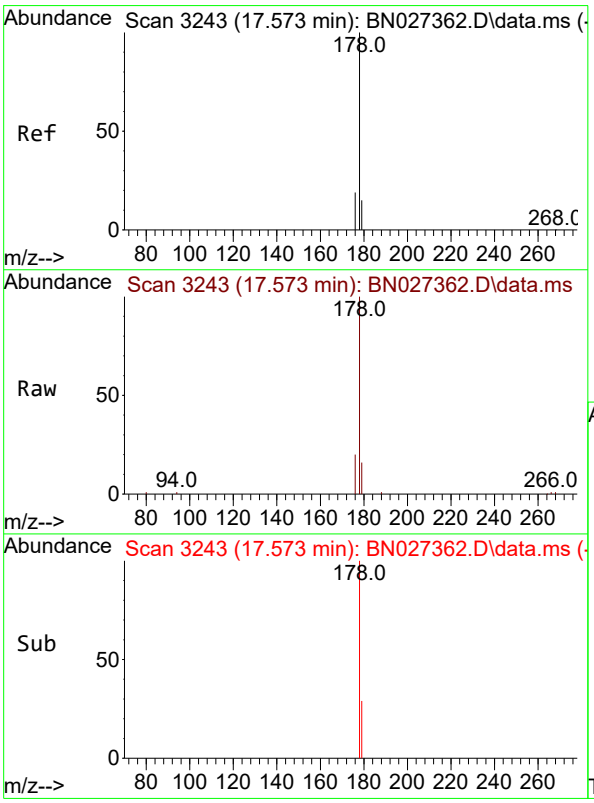
#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.481 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:178 Resp: 23565

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.8	15.8	23.8

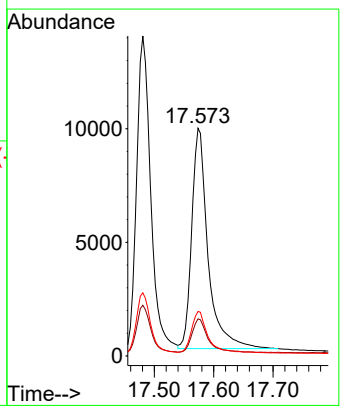


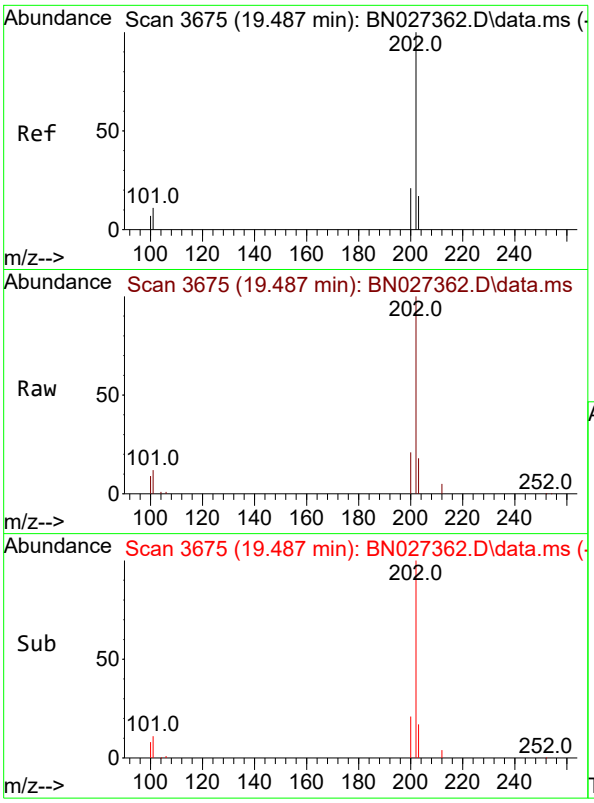


#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.573 min Scan# 3243
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:178 Resp: 18507

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	19.5	15.6	23.4



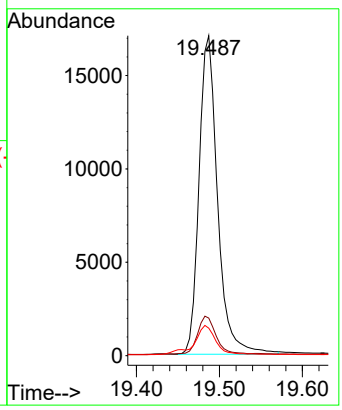


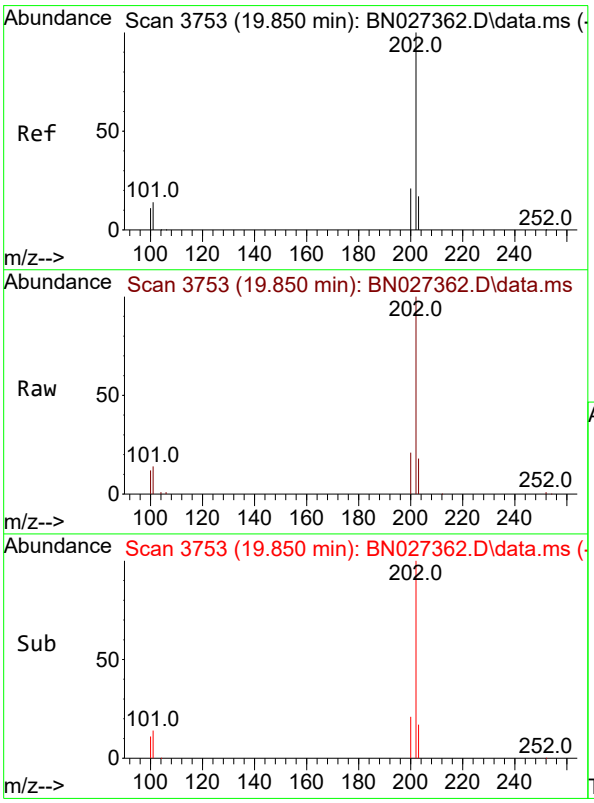
#19
Fluoranthene
Concen: 0.476 ng/ul
RT: 19.487 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:202 Resp: 26568

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.0
100	8.6	6.9	10.3

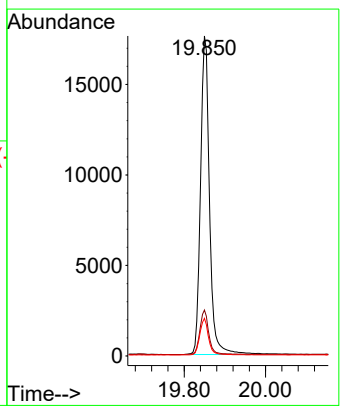


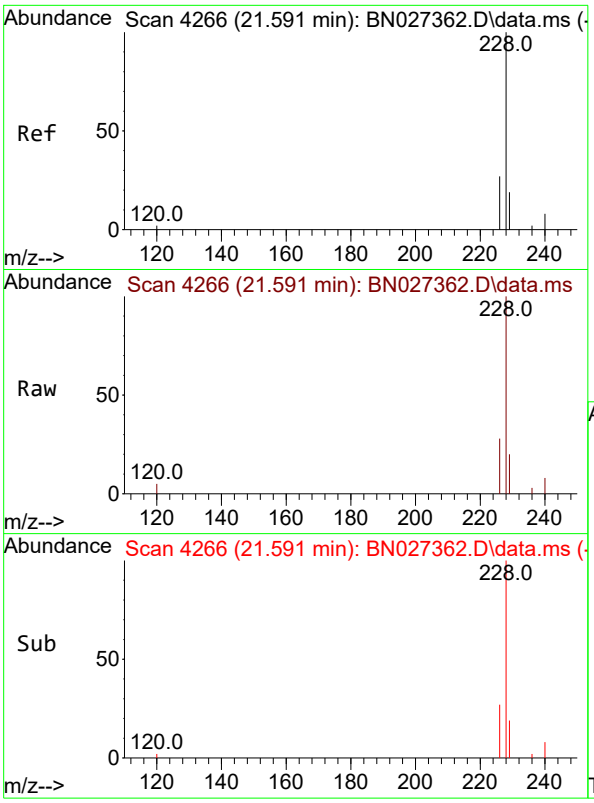


#20
Pyrene
Concen: 0.454 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:202 Resp: 27033

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.2
100	11.8	9.4	14.2



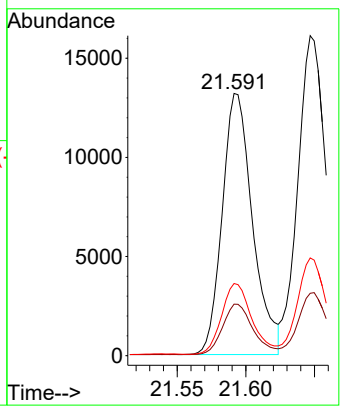


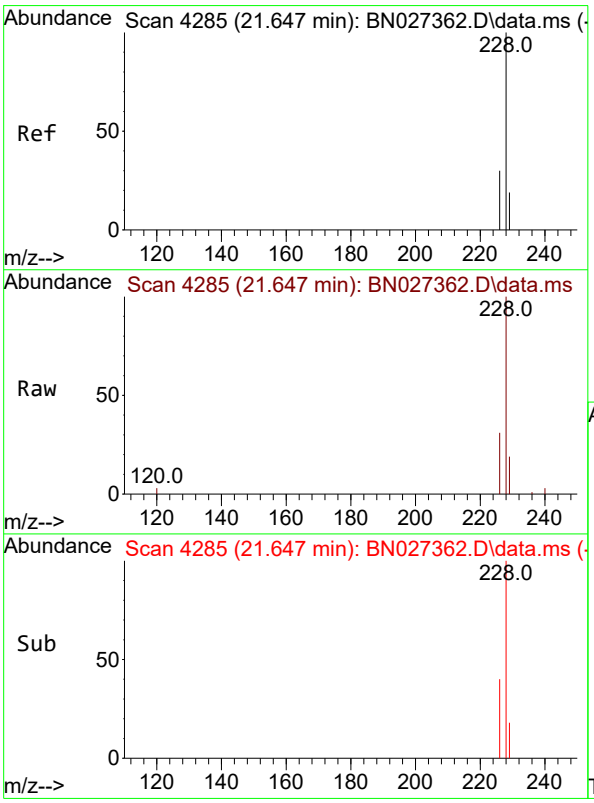
#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.591 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:228 Resp: 20301

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.5	22.0	33.0

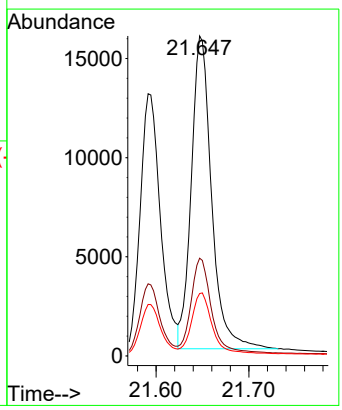


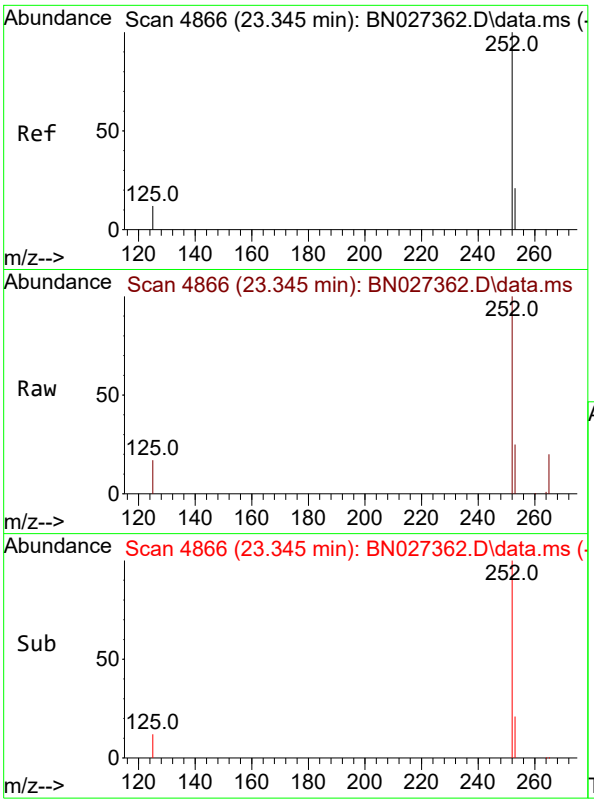


#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.647 min Scan# 4285
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:228 Resp: 23981

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.5	15.6	23.4



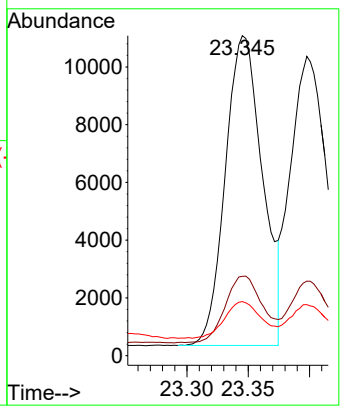


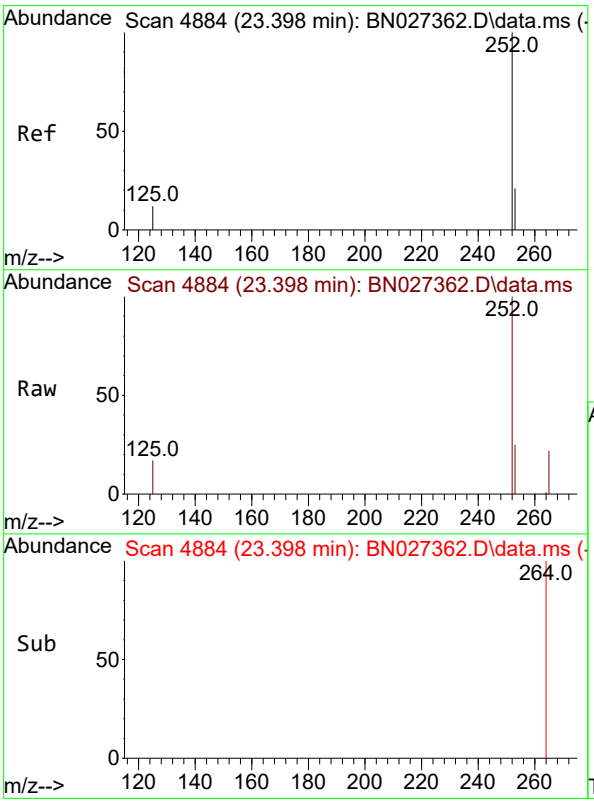
#24
Benzo(b)fluoranthene
Concen: 0.534 ng/ul
RT: 23.345 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:252 Resp: 22695

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	49.6
125	16.9	0.0	33.8

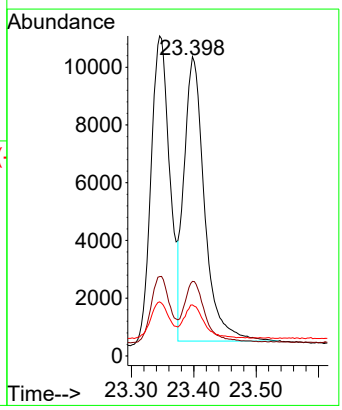


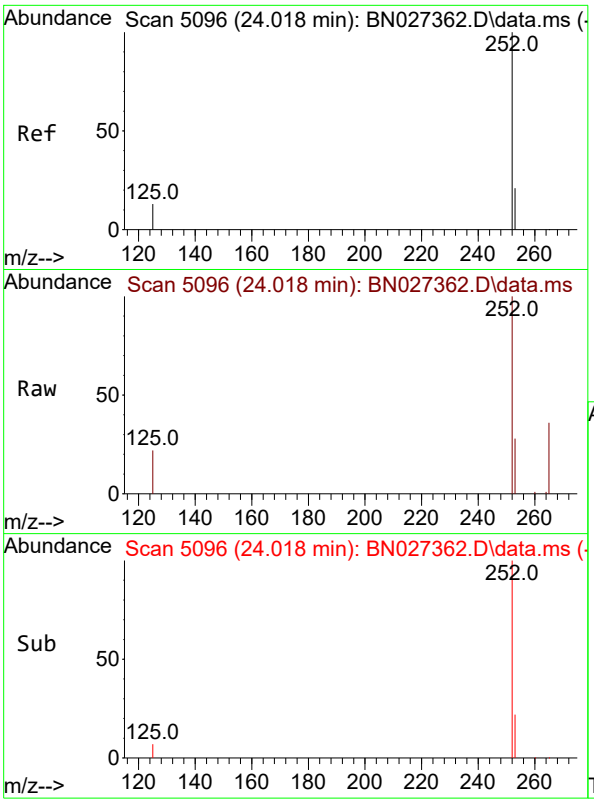


#25
Benzo(k)fluoranthene
Concen: 0.536 ng/ul
RT: 23.398 min Scan# 4884
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:252 Resp: 22468

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	17.0	13.6	20.4



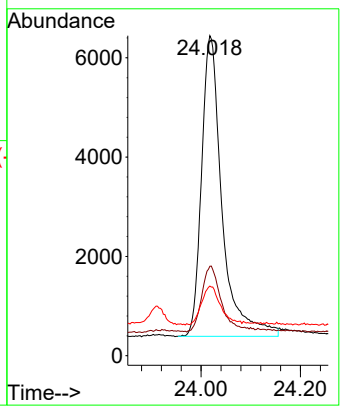


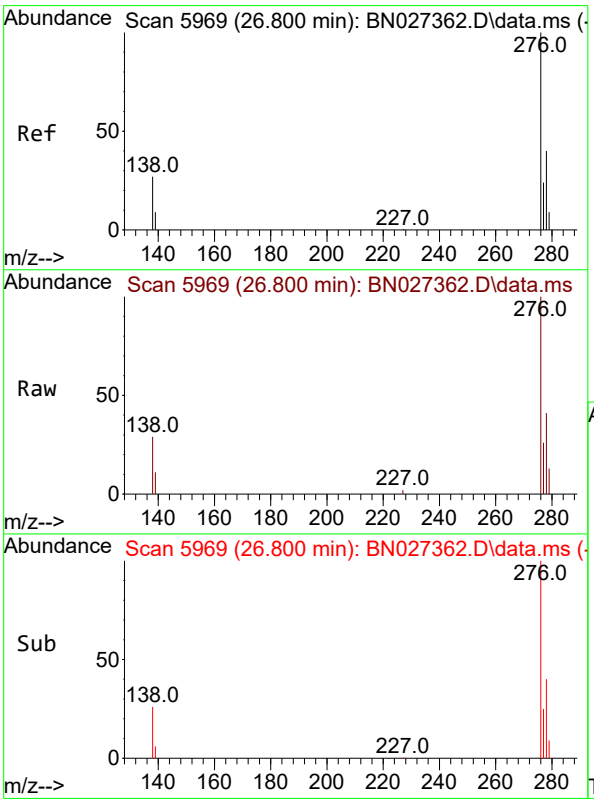
#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 24.018 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:252 Resp: 17331

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.4	33.6
125	21.8	17.4	26.2

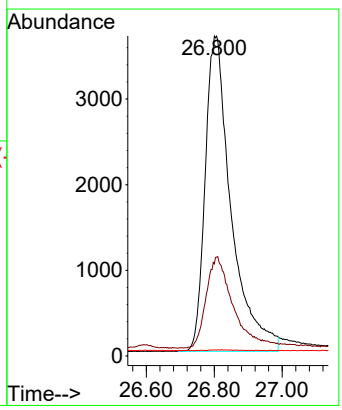


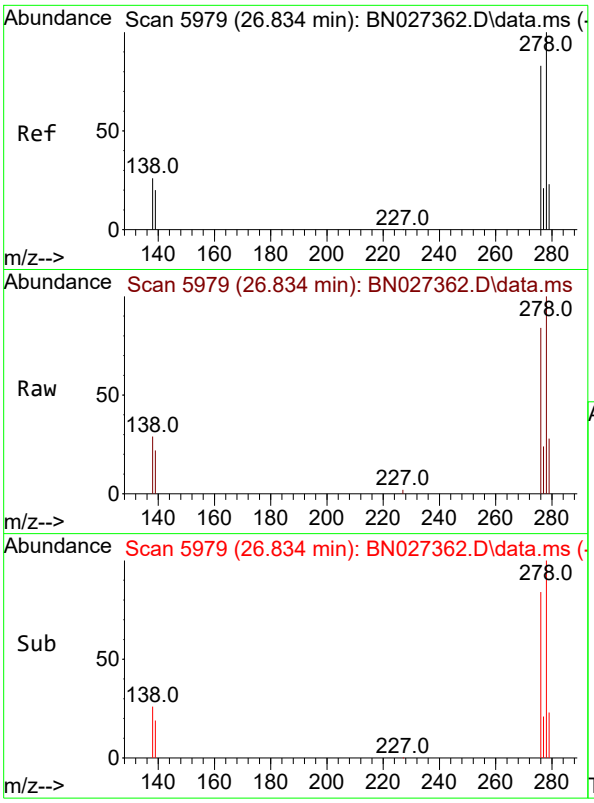


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.800 min Scan# 5969
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:276 Resp: 19541

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.9	35.9
227	0.1	0.1	0.1#



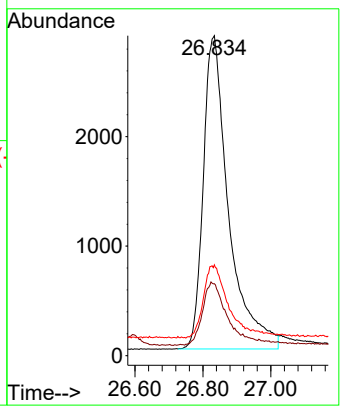


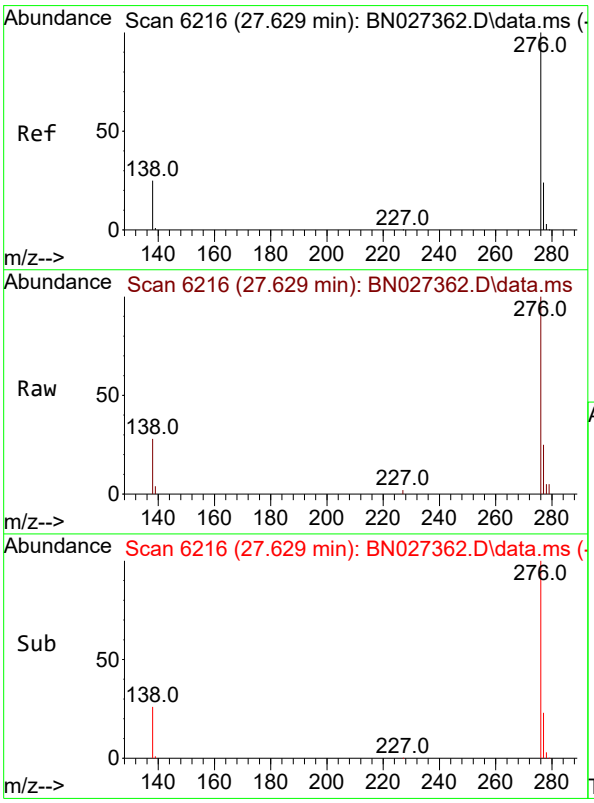
#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.834 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:278 Resp: 14843

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.0	27.0
279	28.4	22.7	34.1





#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 27.629 min Scan# 6216
Delta R.T. 0.000 min
Lab File: BN027362.D
Acq: 02 Sep 2023 03:48

Tgt Ion:276 Resp: 18031

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.1	33.1
277	25.3	20.2	30.4