Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
Data File : BN027539.D
Acq On : 10 Sep 2023 14:11
Operator : MA/JU
Sample : 04268-04MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Quant Time: Sep 11 01:19:18 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	8.038	152	5418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	18262	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.671	164	10690	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	23746	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	17128	0.400	ng/ul	0.00
23) Perylene-d12	24.105	264	14781	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1712	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	11162	0.403	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	30357	0.517	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	4500	0.617	ng/ul#	89
5) Naphthalene	10.911	128	17384	0.328	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	11567	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	12671	0.359	ng/ul	100
10) Acenaphthylene	14.398	152	17918	0.366	ng/ul	99
11) Acenaphthene	14.731	153	14571	0.346	ng/ul	97
12) Fluorene	15.716	166	17516	0.371	ng/ul	98
14) Pentachlorophenol	17.046	266	4428	0.956	ng/ul	99
15) Phenanthrene	17.459	178	29991	0.388	ng/ul	100
16) Anthracene	17.552	178	24196	0.393	ng/ul	99
19) Fluoranthene	19.468	202	33970	0.431	ng/ul	99
20) Pyrene	19.836	202	34530	0.431	ng/ul	95
21) Benzo(a)anthracene	21.577	228	28037	0.454	ng/ul	99
22) Chrysene	21.632	228	28182	0.391	ng/ul	99
24) Benzo(b)fluoranthene	23.322	252	26167	0.375	ng/ul	98
25) Benzo(k)fluoranthene	23.374	252	26072	0.382	ng/ul	97
26) Benzo(a)pyrene	23.988	252	20004	0.367	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.740	276	24920	0.412	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.760	278	20142	0.435	ng/ul	98
29) Benzo(g,h,i)perylene	27.568	276	21085	0.386	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
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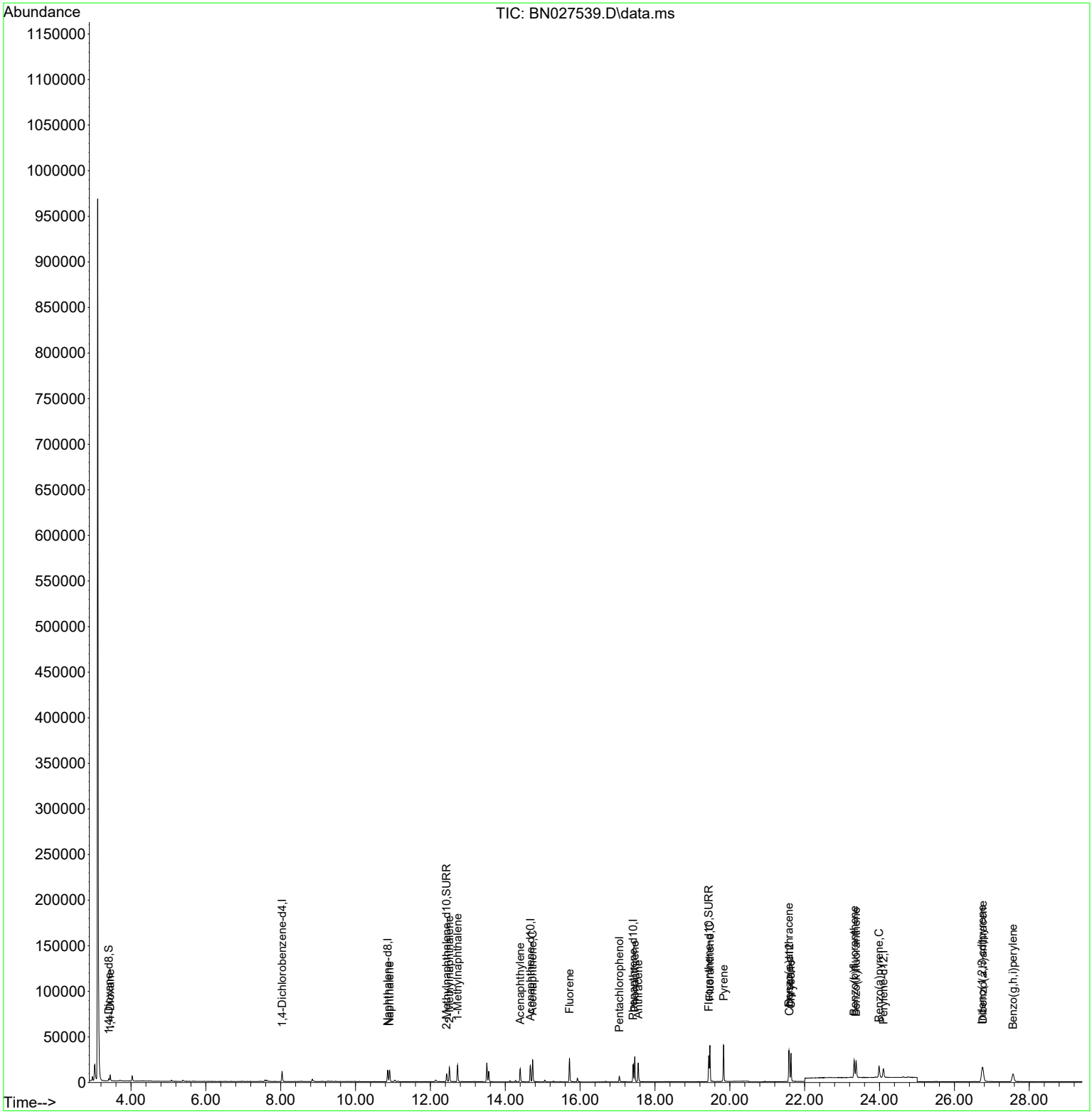
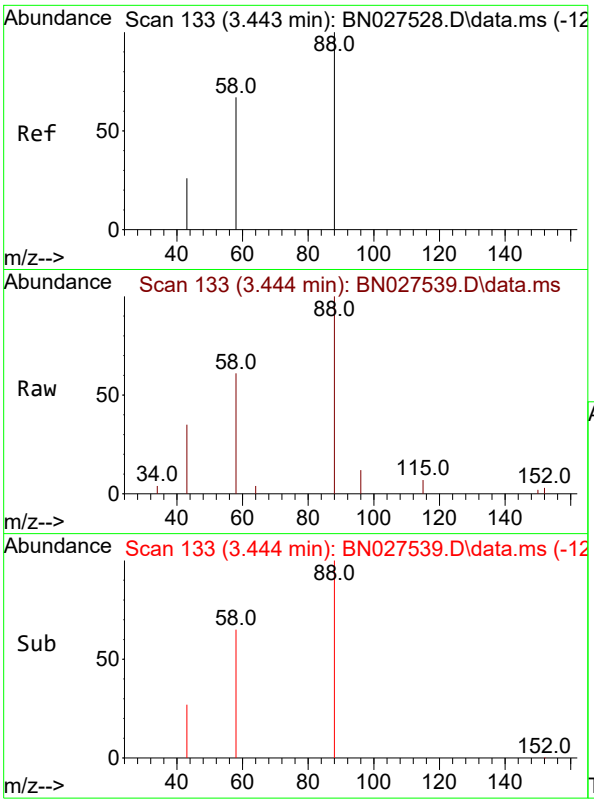
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 03:55:54 2023
Response via : Initial Calibration



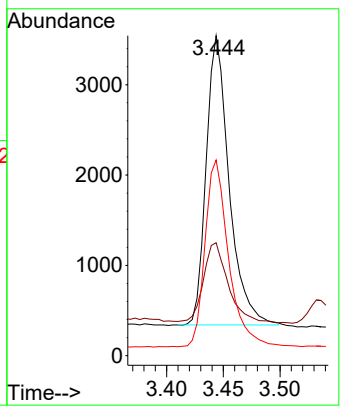


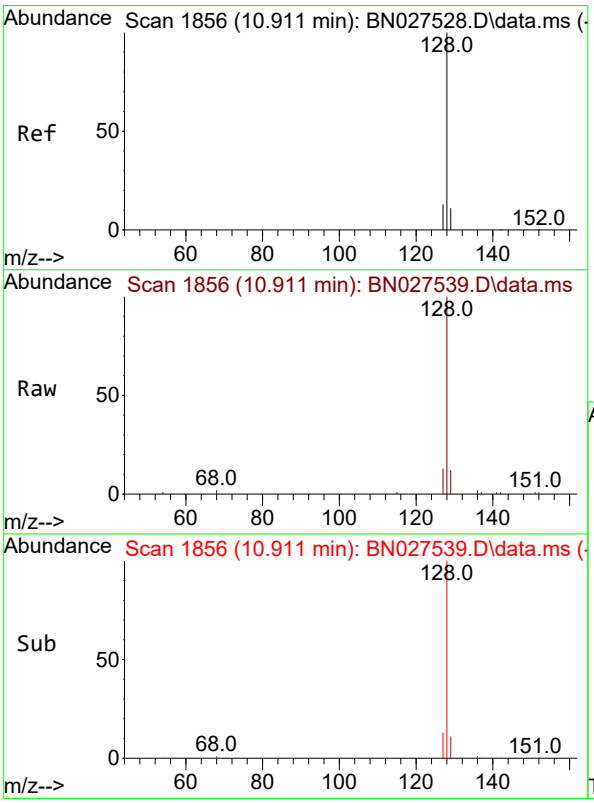
#2
1,4-Dioxane
Concen: 0.617 ng/ul
RT: 3.444 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion: 88 Resp: 4500

Ion	Ratio	Lower	Upper
88	100		
43	35.3	26.8	40.2
58	61.2	39.9	59.9#

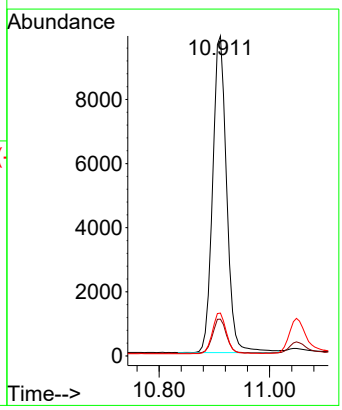


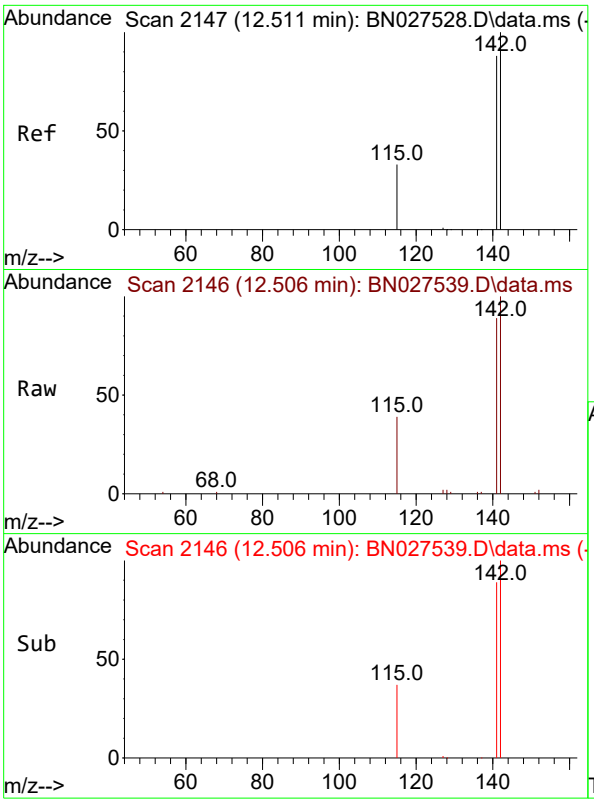


#5
Naphthalene
Concen: 0.328 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:128 Resp: 17384

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.4	10.6	16.0



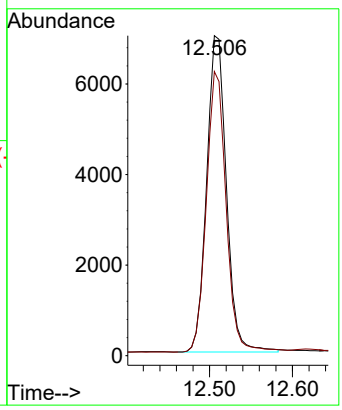


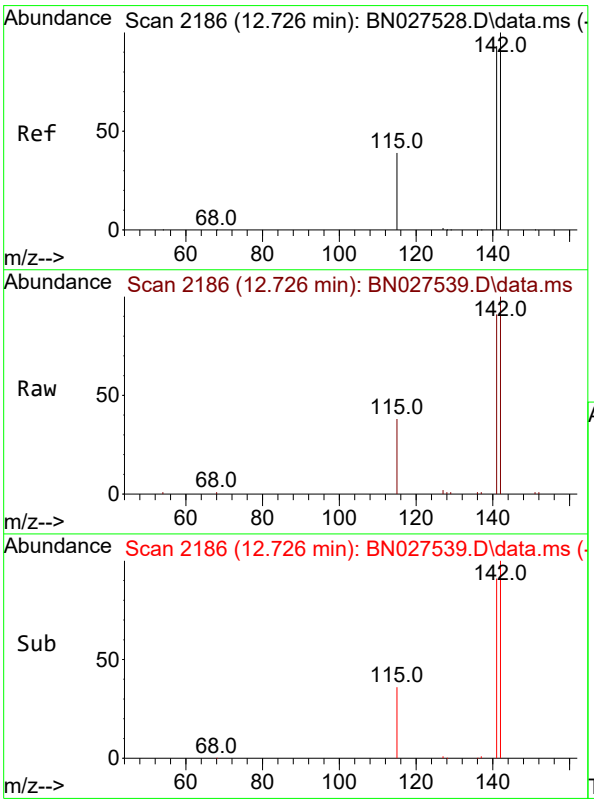
#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.506 min Scan# 21
Delta R.T. -0.016 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:142 Resp: 11567

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4

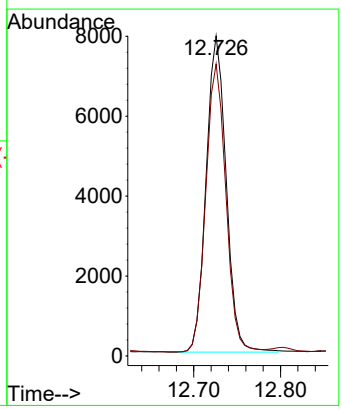


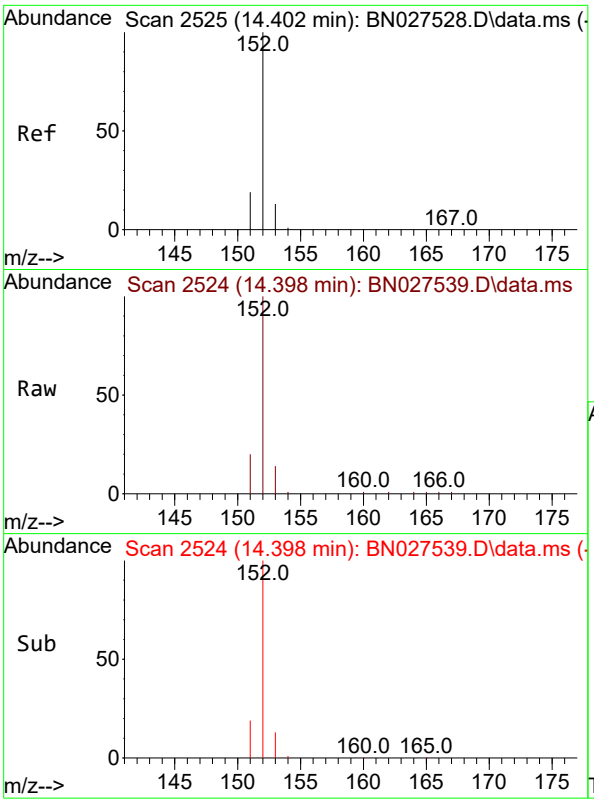


#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:142 Resp: 12671

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.4



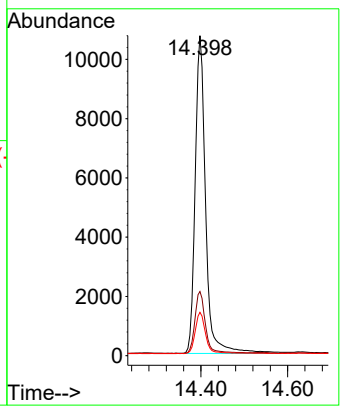


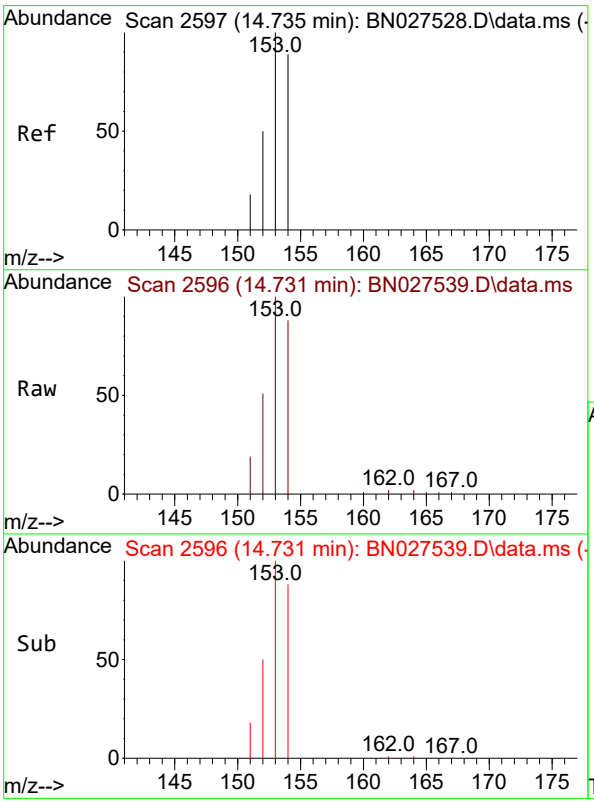
#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.398 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:152 Resp: 17918

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.6	11.1	16.7

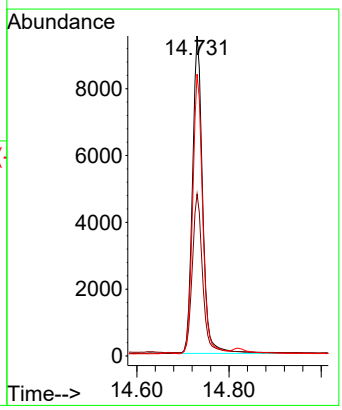


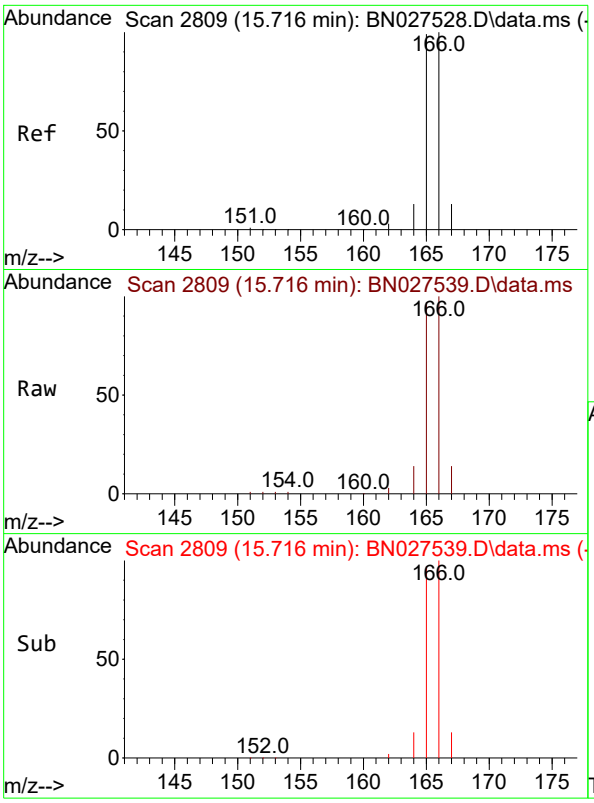


#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:153 Resp: 14571

Ion	Ratio	Lower	Upper
153	100		
152	50.6	42.9	64.3
154	88.1	69.4	104.0



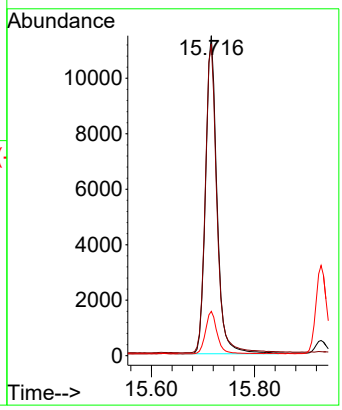


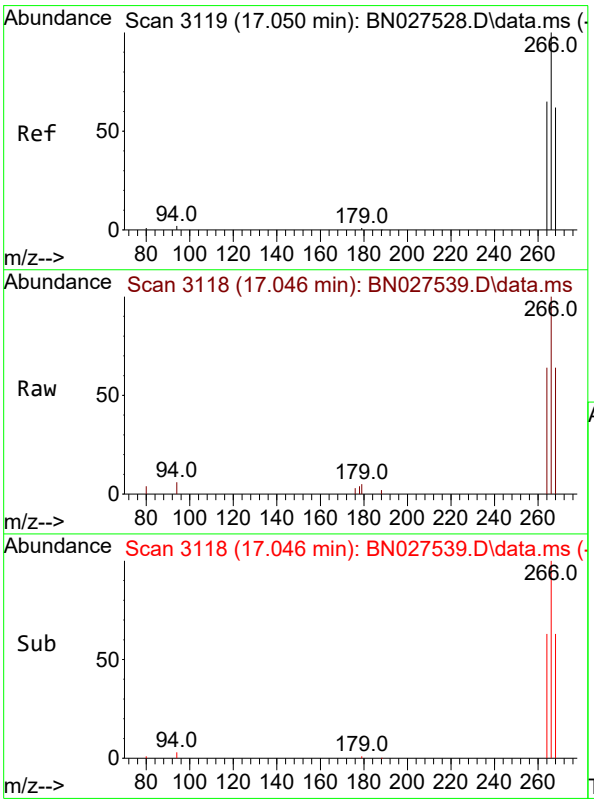
#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.716 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:166 Resp: 17516

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.6	119.4
167	13.9	11.4	17.0

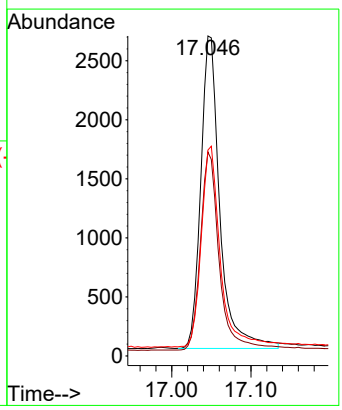


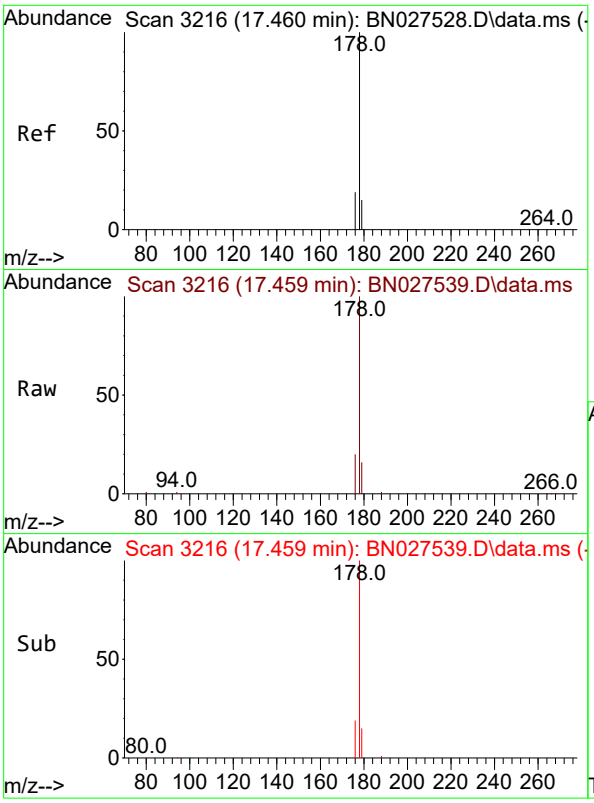


#14
Pentachlorophenol
Concen: 0.956 ng/ul
RT: 17.046 min Scan# 3118
Delta R.T. -0.013 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:266 Resp: 4428

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.4	75.6
268	64.4	51.9	77.9



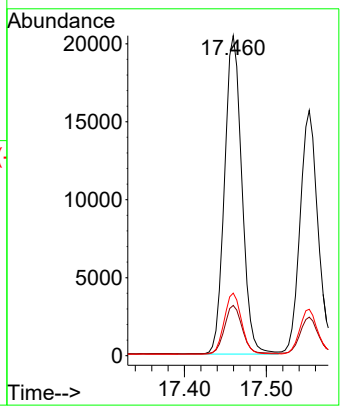


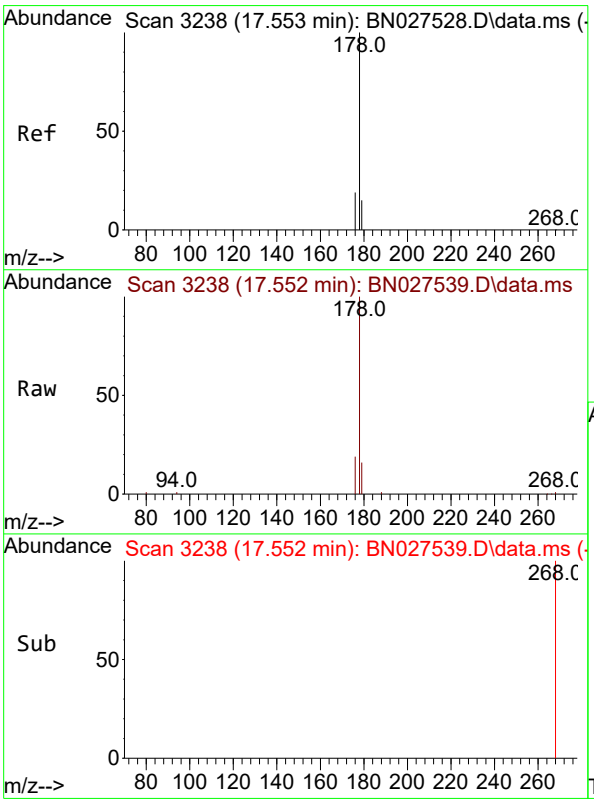
#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.459 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:178 Resp: 29991

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

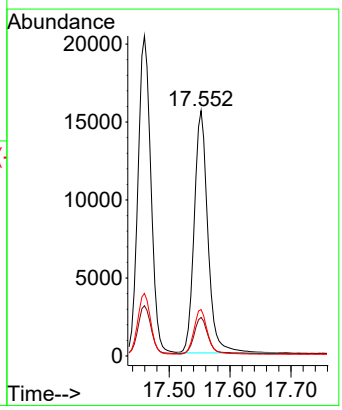


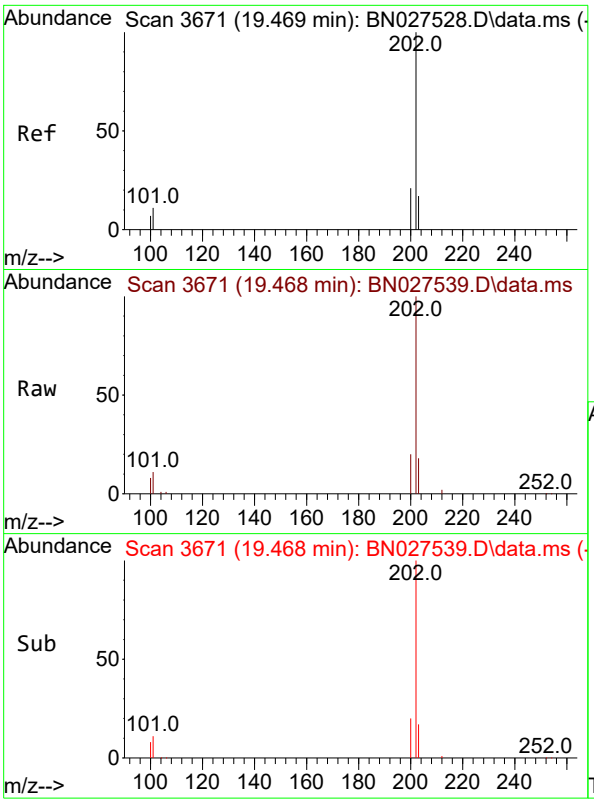


#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.552 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:178 Resp: 24196

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	18.9	15.6	23.4



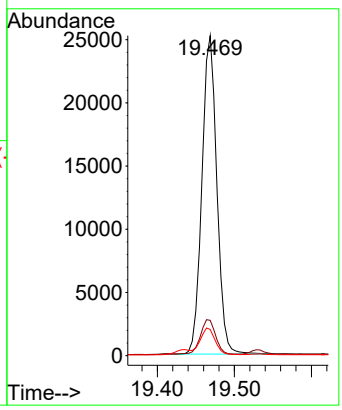


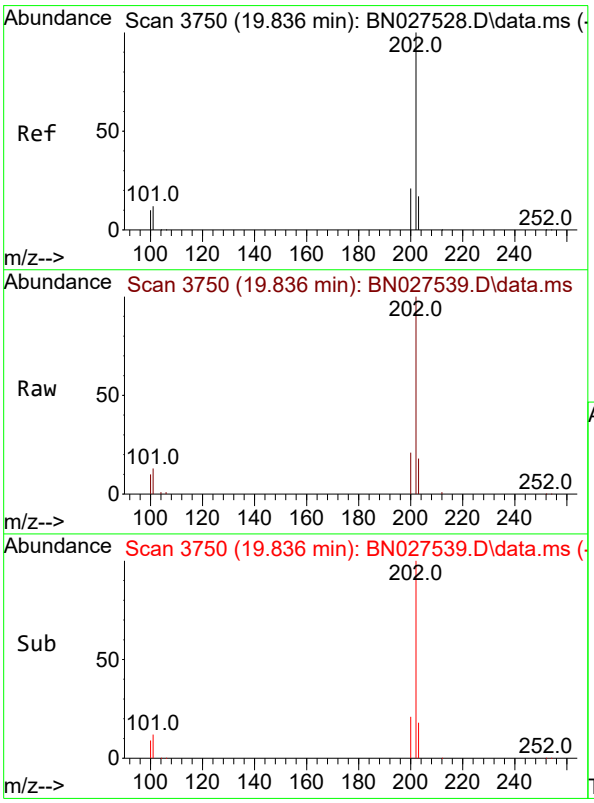
#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.468 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:202 Resp: 33970

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.4	14.0
100	8.2	6.9	10.3

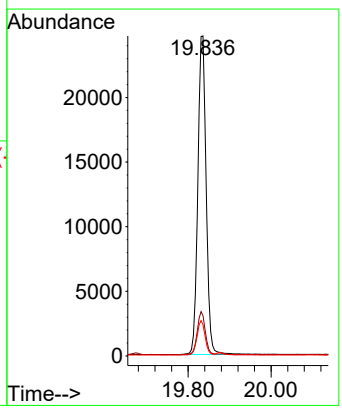


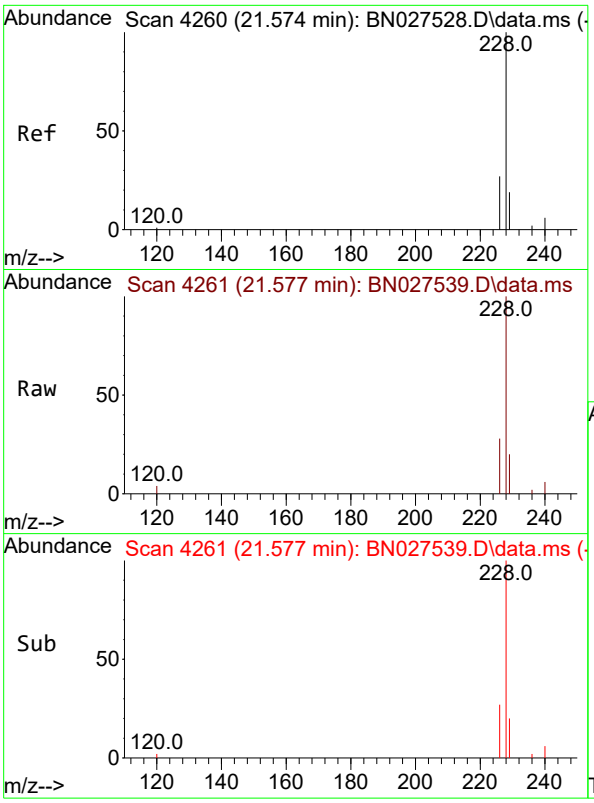


#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:202 Resp: 34530

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.2
100	9.7	9.4	14.2



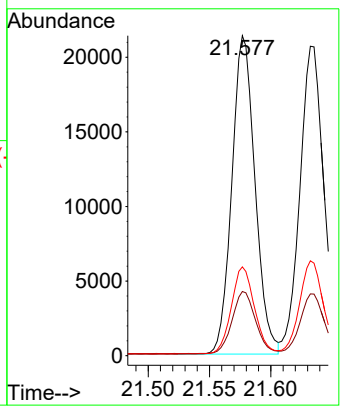


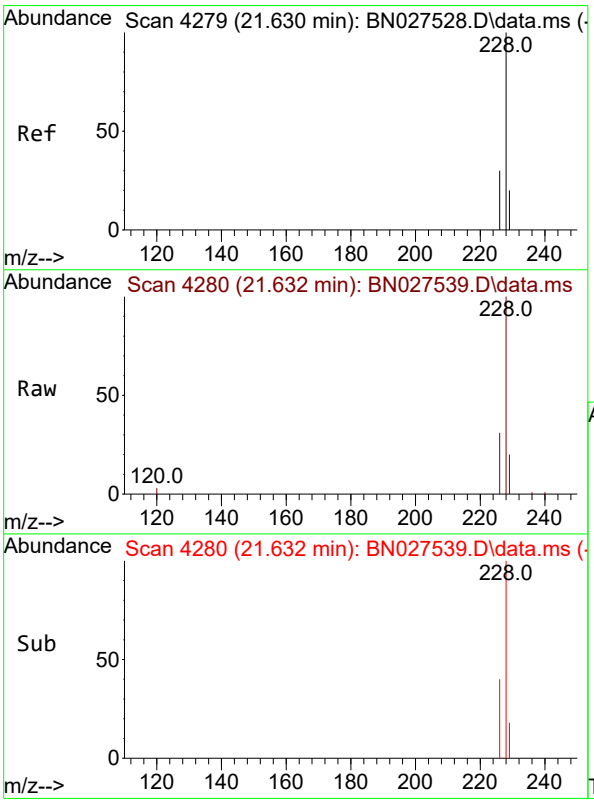
#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.577 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:228 Resp: 28037

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.7	22.0	33.0

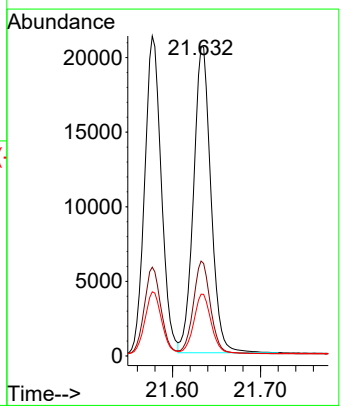


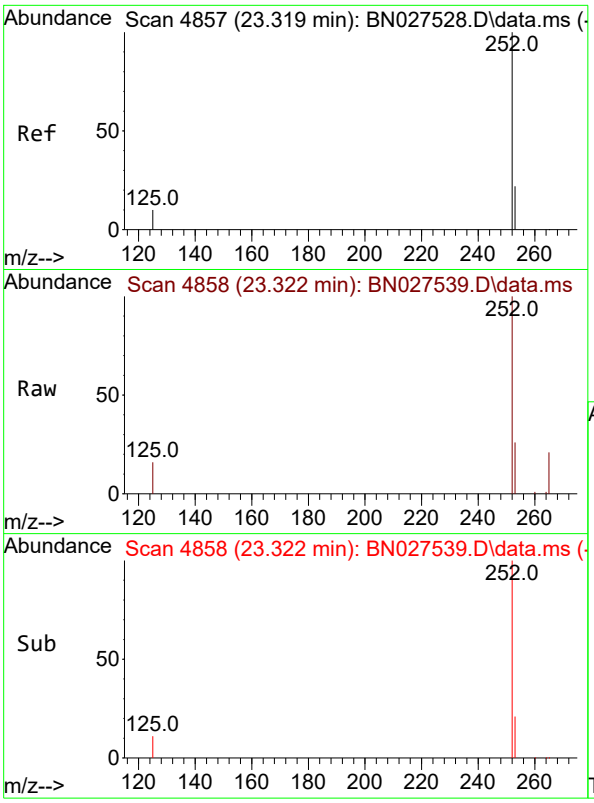


#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:228 Resp: 28182

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.6	23.4



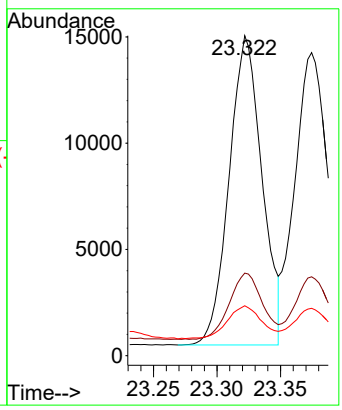


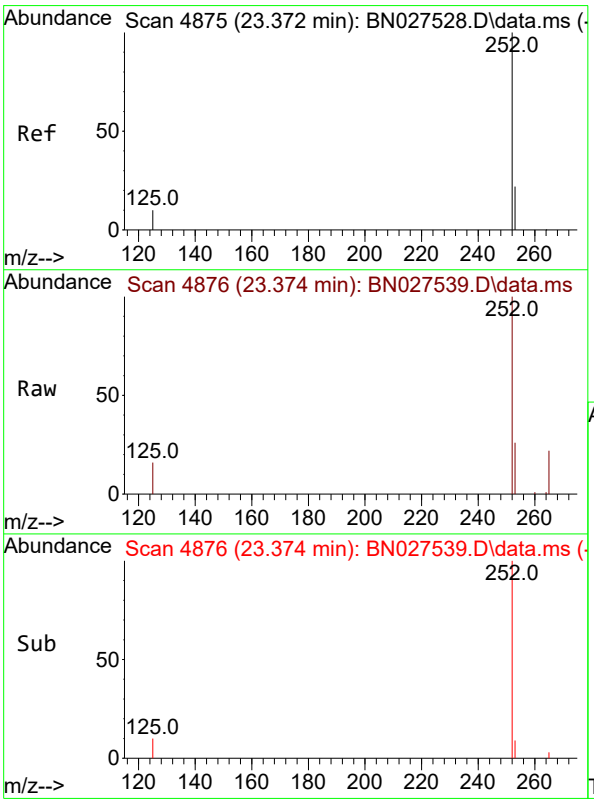
#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.322 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:252 Resp: 26167

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	49.6
125	15.6	0.0	33.8

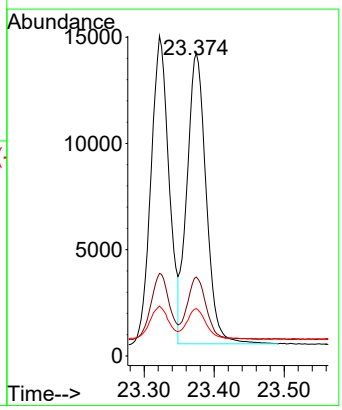


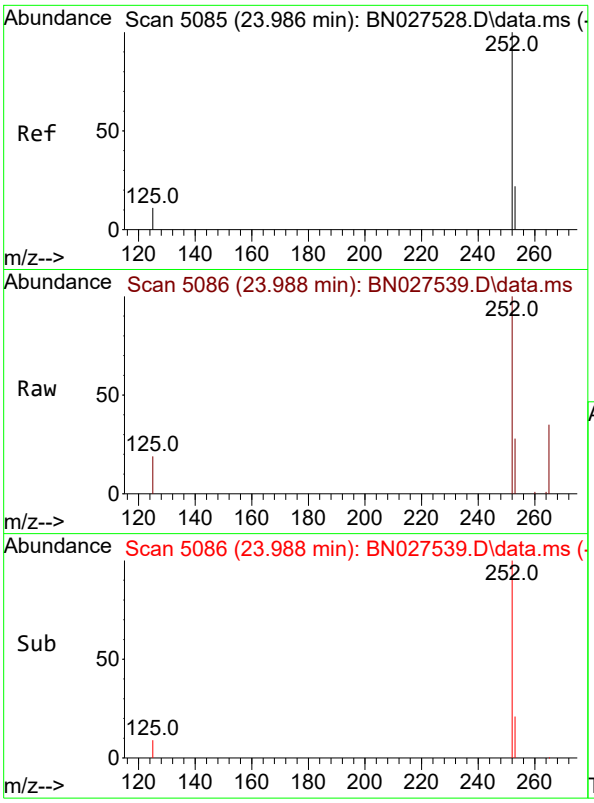


#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.374 min Scan# 4876
Delta R.T. -0.003 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:252 Resp: 26072

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.9	29.9
125	15.6	13.6	20.4



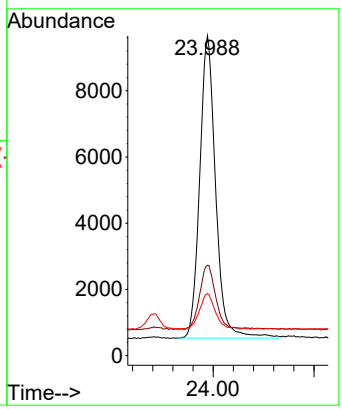


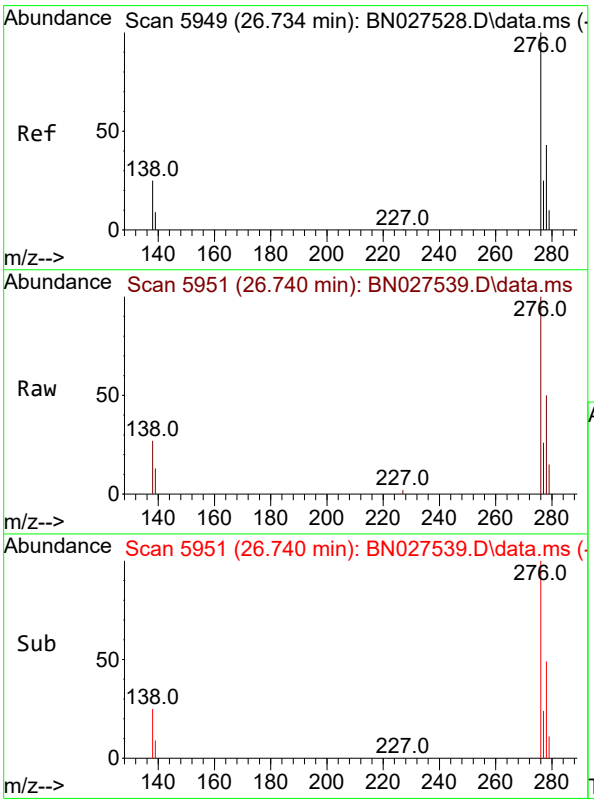
#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.988 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:252 Resp: 20004

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.4	33.6
125	19.4	17.4	26.2

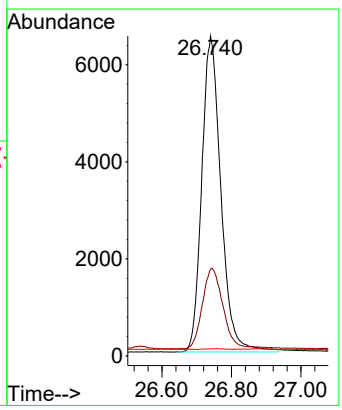


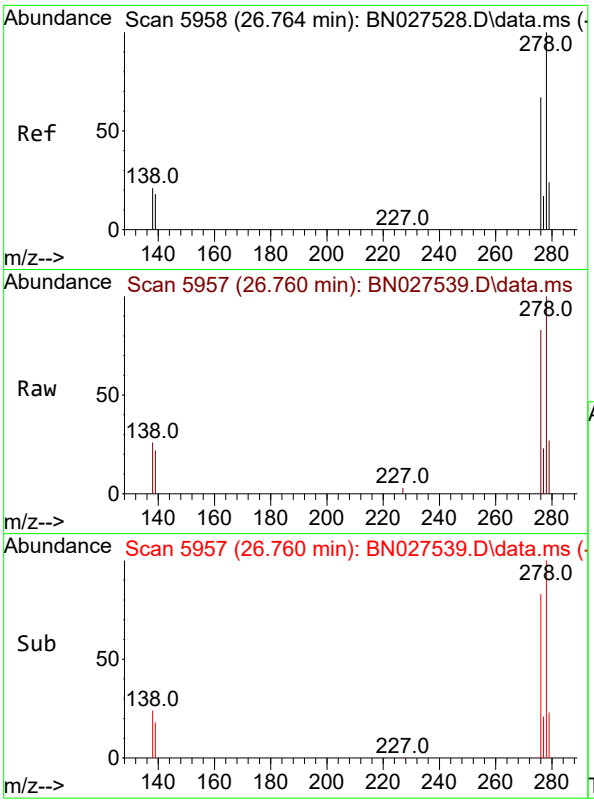


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.740 min Scan# 5951
Delta R.T. -0.014 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:276 Resp: 24920

Ion	Ratio	Lower	Upper
276	100		
138	27.6	23.9	35.9
227	0.0	0.1	0.1#



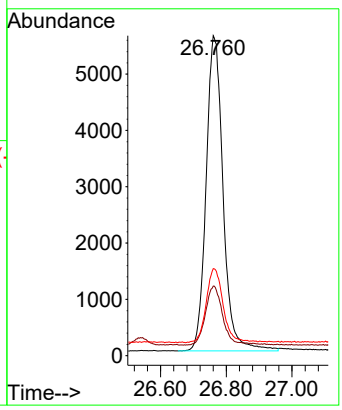


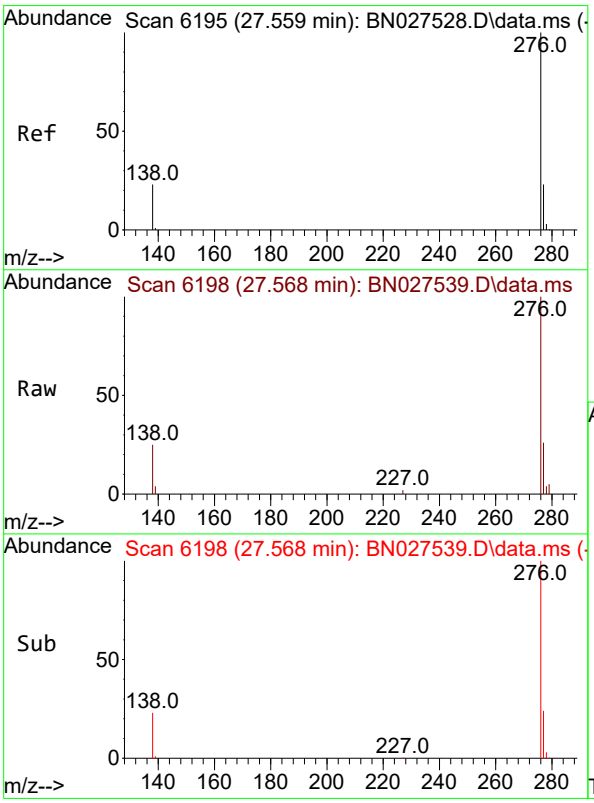
#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 26.760 min Scan# 5
Delta R.T. -0.018 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

Tgt Ion:278 Resp: 20142

Ion	Ratio	Lower	Upper
278	100		
139	21.8	18.0	27.0
279	27.2	22.7	34.1





#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.568 min Scan# 6198
Delta R.T. -0.014 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:276 Resp: 21085

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.1	33.1
277	25.6	20.2	30.4