Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
Data File : BN027538.D
Acq On : 10 Sep 2023 13:34
Operator : MA/JU
Sample : 04268-03MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Quant Time: Sep 11 01:19:06 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	6444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	21718	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.670	164	12718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.418	188	27405	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	18191	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	15392	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1857	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	12097	0.367	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	30667	0.492	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	4945	0.570	ng/ul#	88
5) Naphthalene	10.911	128	18902	0.300	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	12547	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	13725	0.327	ng/ul	100
10) Acenaphthylene	14.398	152	19358	0.332	ng/ul	100
11) Acenaphthene	14.731	153	15732	0.314	ng/ul	98
12) Fluorene	15.716	166	18685	0.333	ng/ul	98
14) Pentachlorophenol	17.046	266	4442	0.831	ng/ul	99
15) Phenanthrene	17.460	178	31332	0.351	ng/ul	99
16) Anthracene	17.553	178	25270	0.356	ng/ul	99
19) Fluoranthene	19.469	202	34147	0.408	ng/ul	98
20) Pyrene	19.836	202	34610	0.406	ng/ul	96
21) Benzo(a)anthracene	21.577	228	27157	0.414	ng/ul	99
22) Chrysene	21.633	228	26952	0.352	ng/ul	99
24) Benzo(b)fluoranthene	23.316	252	24803	0.341	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	24034	0.338	ng/ul	97
26) Benzo(a)pyrene	23.986	252	18814	0.331	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.737	276	23644	0.375	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.760	278	19174	0.398	ng/ul	98
29) Benzo(g,h,i)perylene	27.562	276	20104	0.353	ng/ul	97

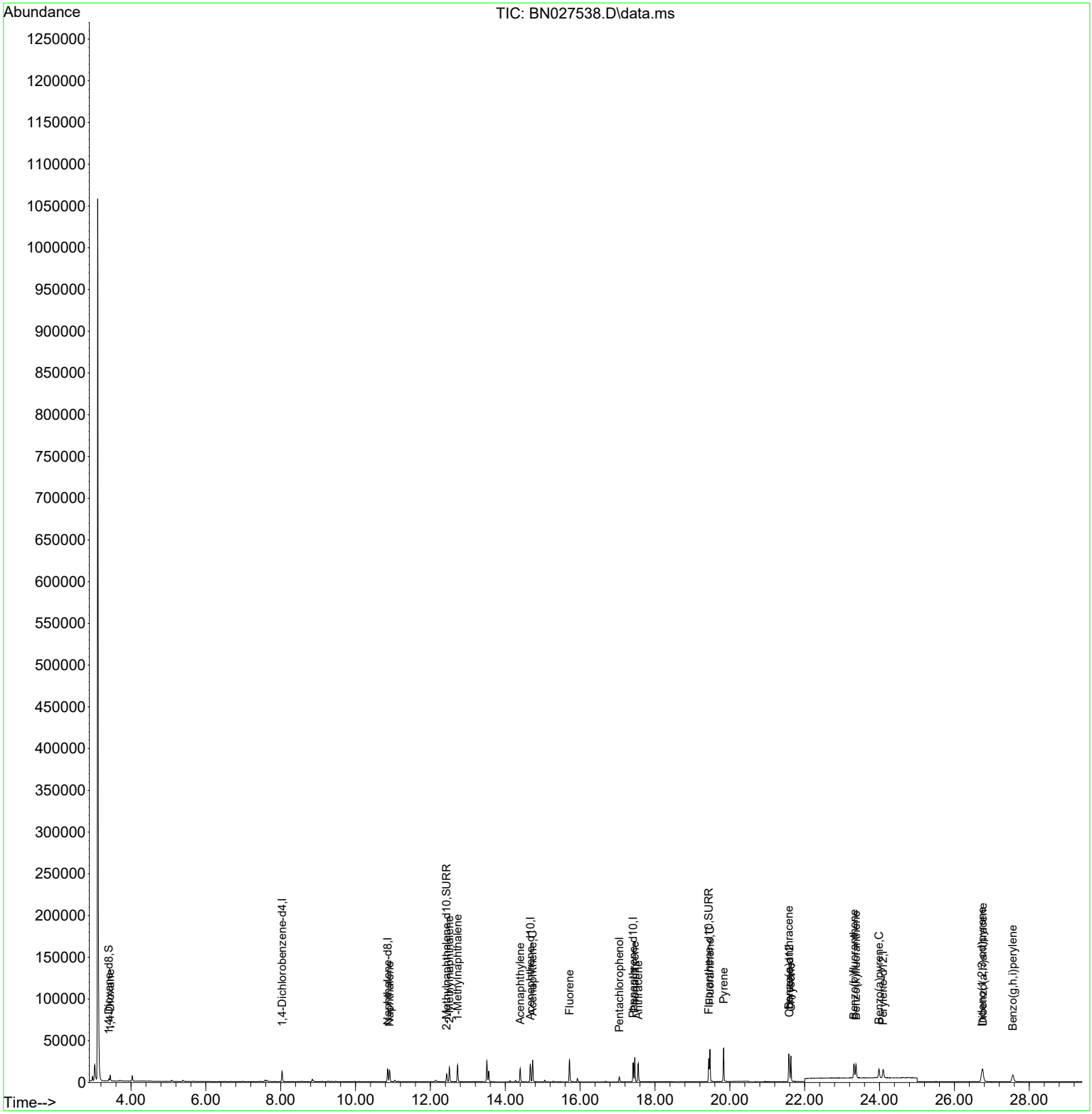
(#) = qualifier out of range (m) = manual integration (+) = signals summed

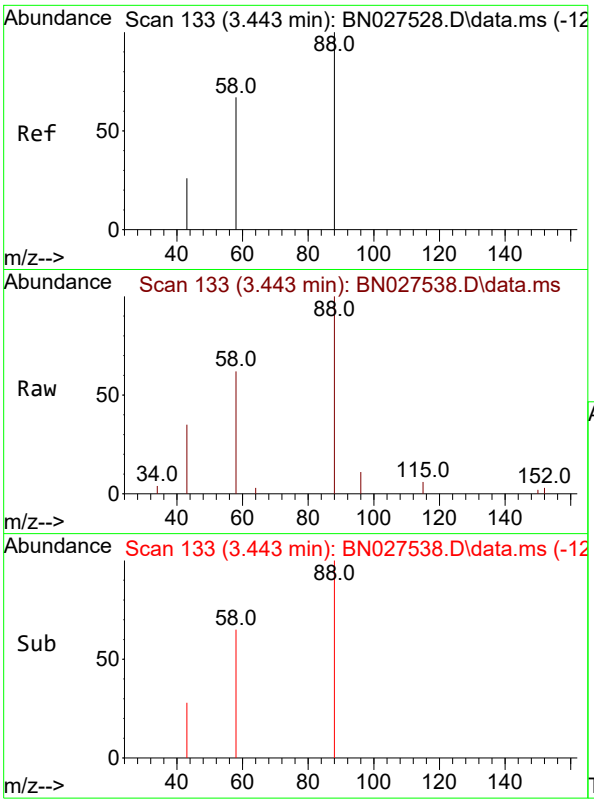
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
Data File : BN027538.D
Acq On : 10 Sep 2023 13:34
Operator : MA/JU
Sample : 04268-03MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Quant Time: Sep 11 01:19:06 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



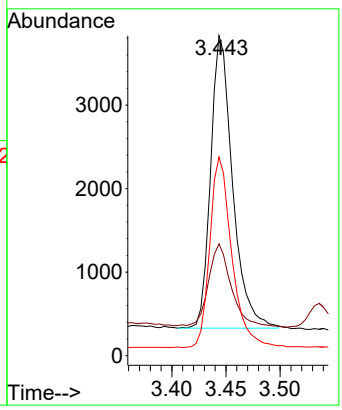


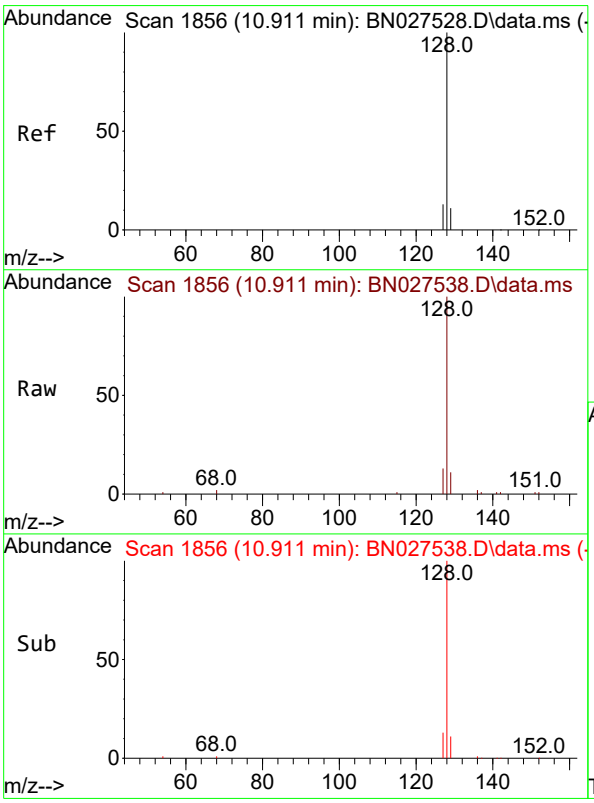
#2
1,4-Dioxane
Concen: 0.570 ng/ul
RT: 3.443 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion: 88 Resp: 4945

Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.8	40.2
58	62.0	39.9	59.9#

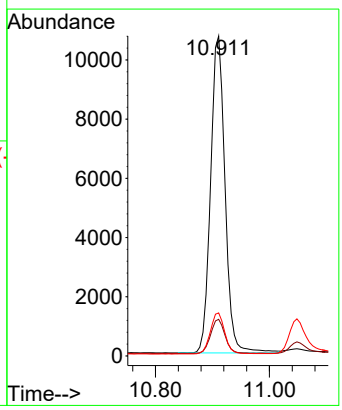


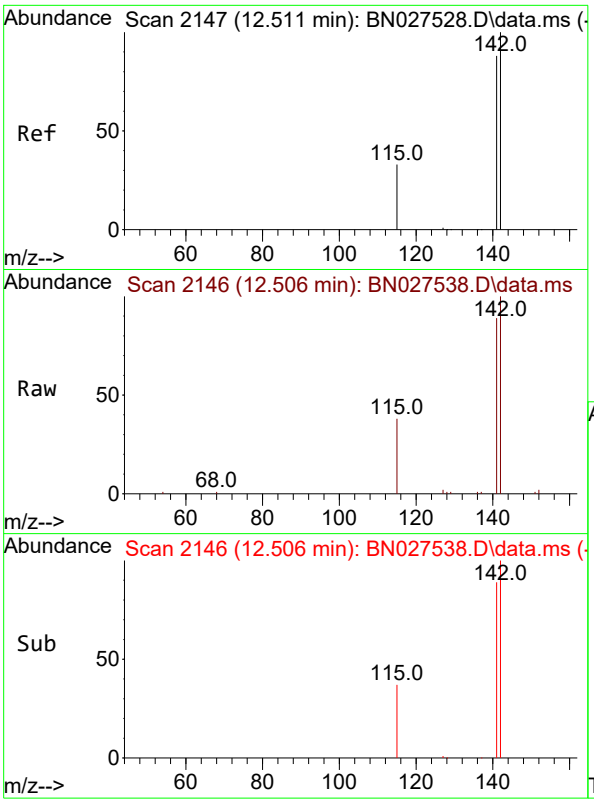


#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:128 Resp: 18902

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.4	10.6	16.0



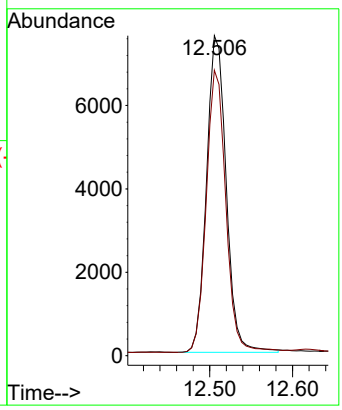


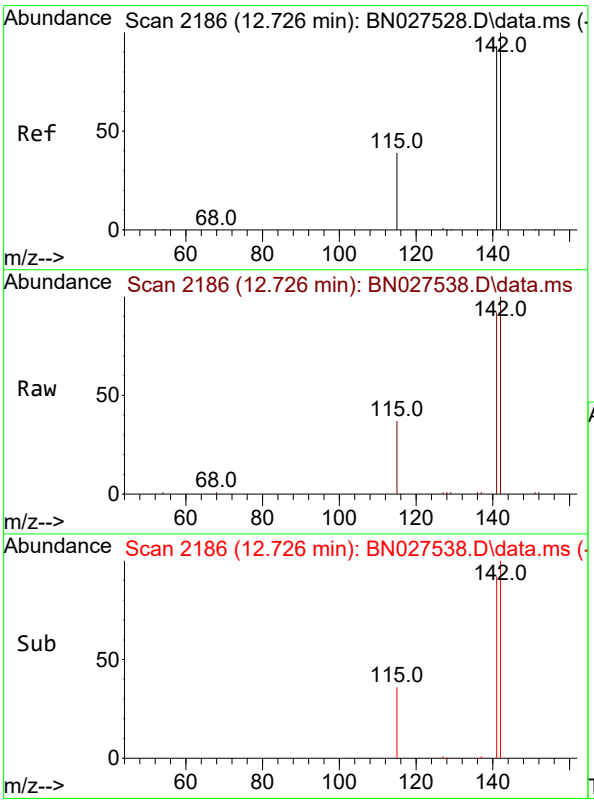
#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.506 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:142 Resp: 12547

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4

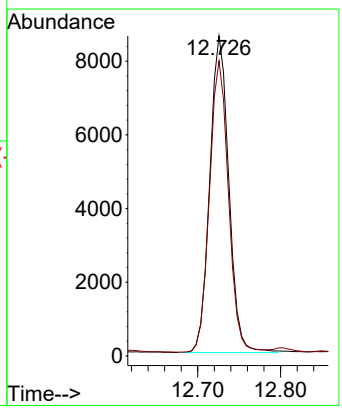


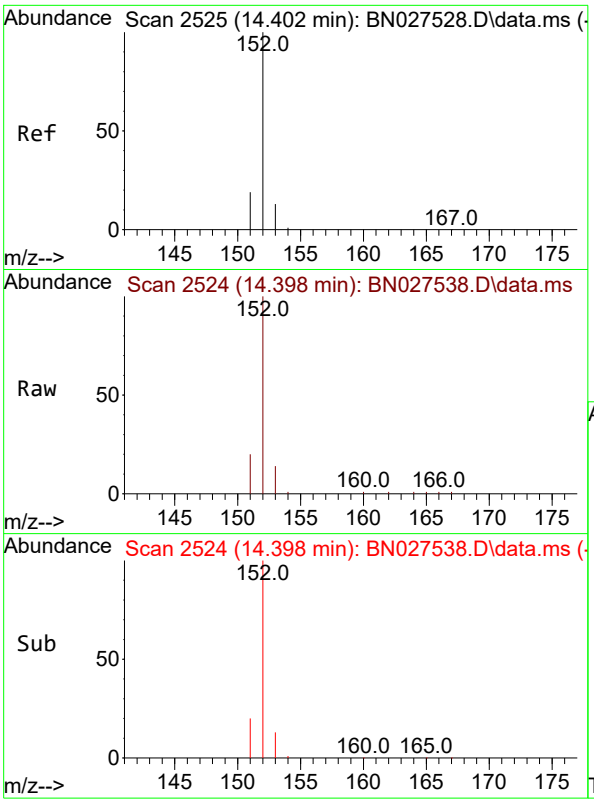


#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:142 Resp: 13725

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.4



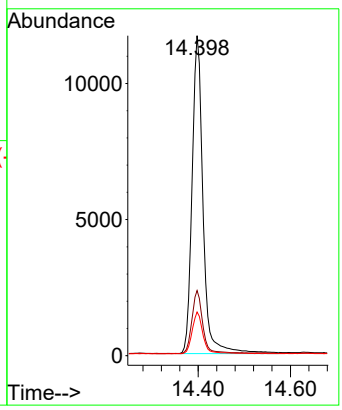


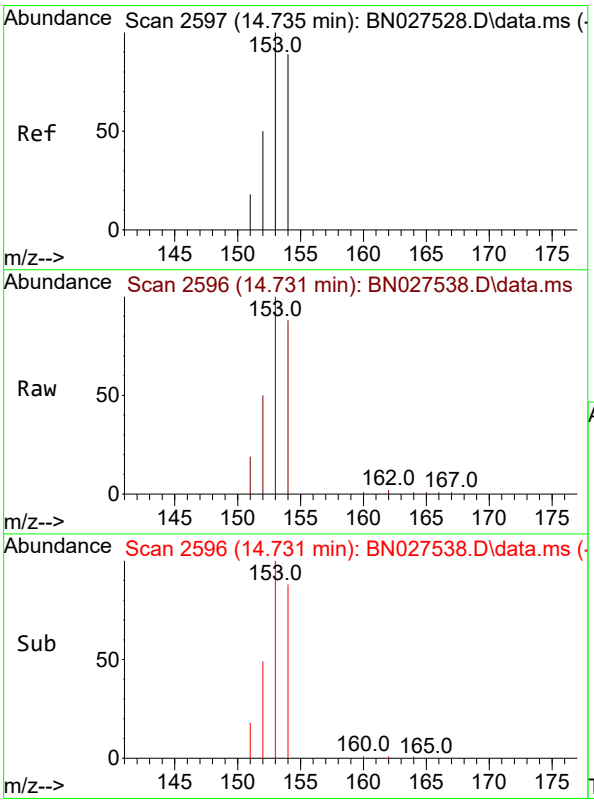
#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.398 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:152 Resp: 19358

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.6	11.1	16.7

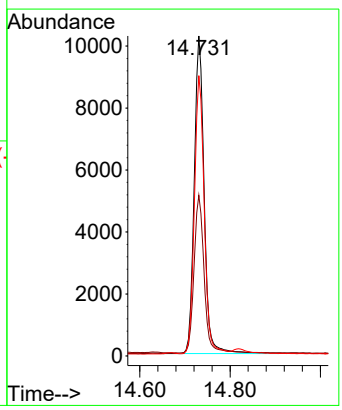


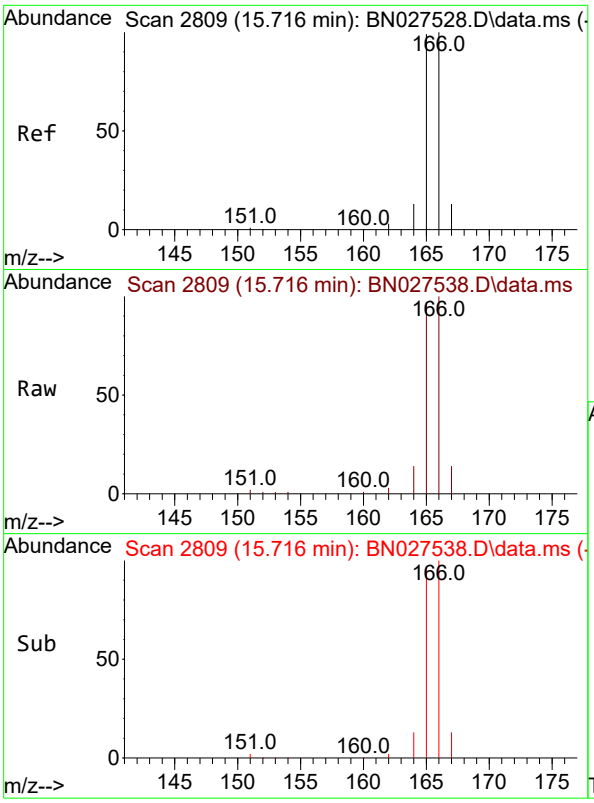


#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:153 Resp: 15732

Ion	Ratio	Lower	Upper
153	100		
152	50.2	42.9	64.3
154	87.6	69.4	104.0



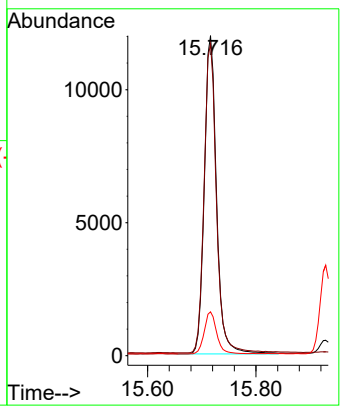


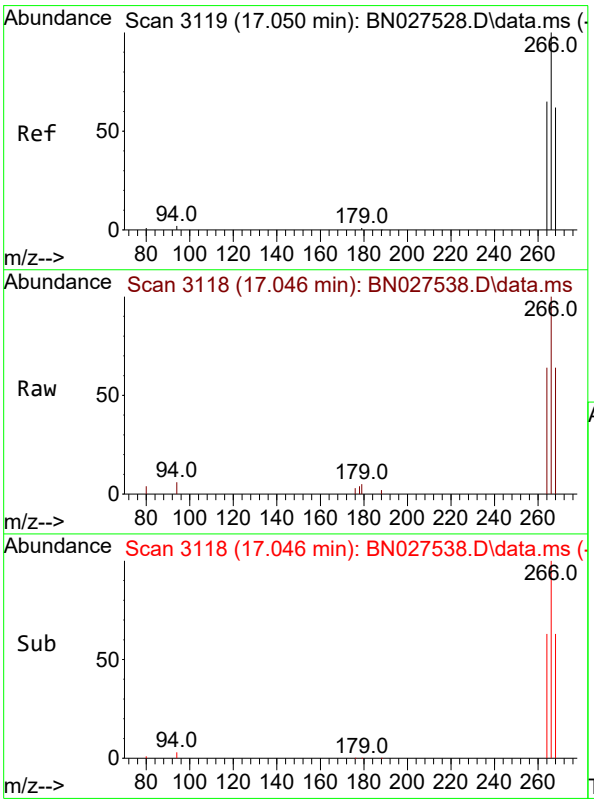
#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.716 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:166 Resp: 18685

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.6	119.4
167	13.7	11.4	17.0

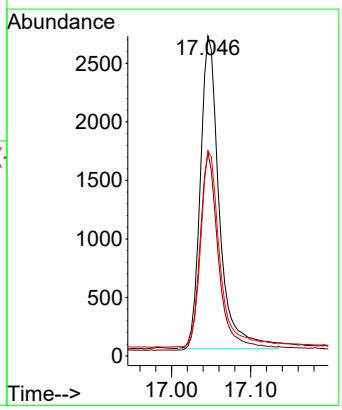


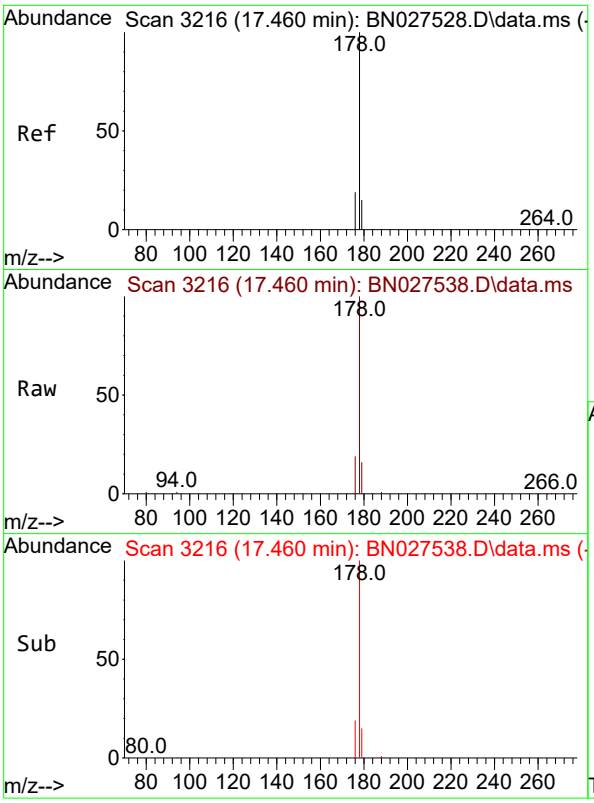


#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 17.046 min Scan# 3118
Delta R.T. -0.013 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:266 Resp: 4442

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.4	75.6
268	63.6	51.9	77.9



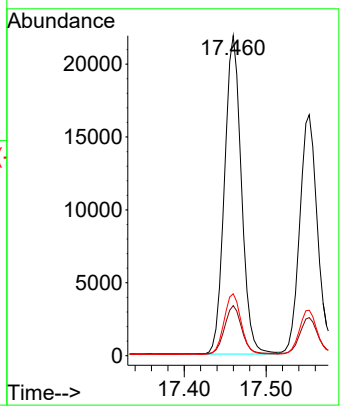


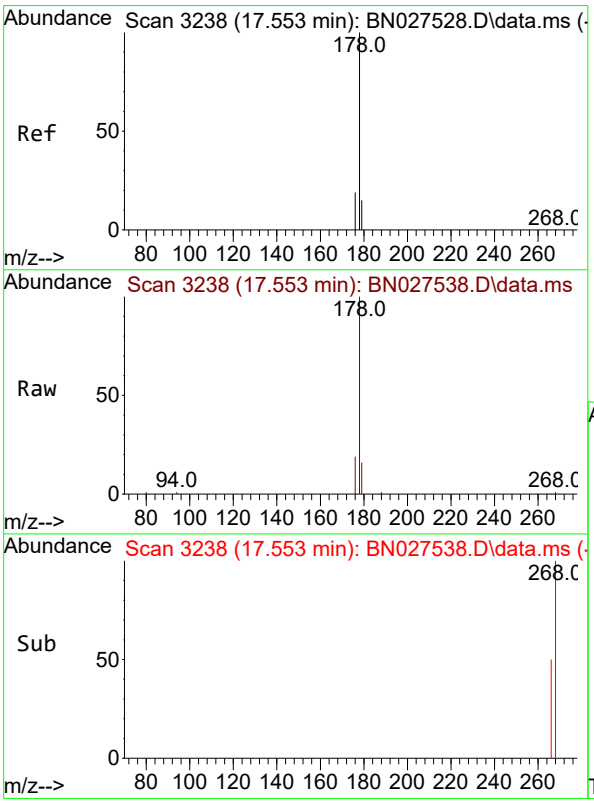
#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.460 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:178 Resp: 31332

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.3	15.8	23.8

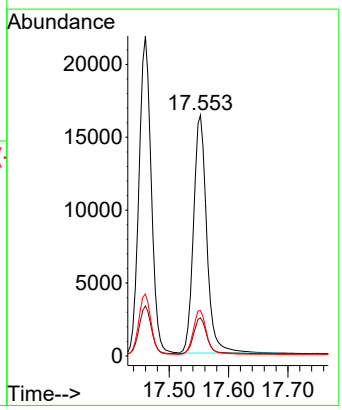


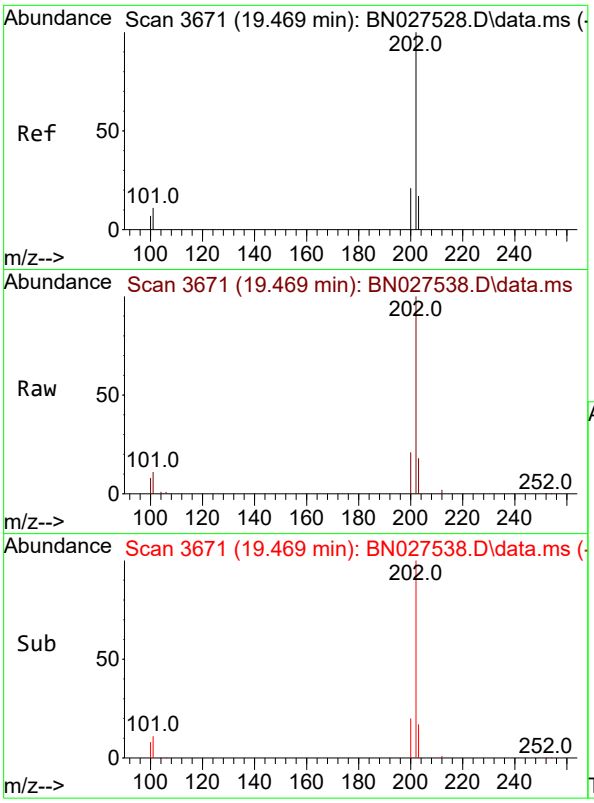


#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:178 Resp: 25270

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	18.9	15.6	23.4



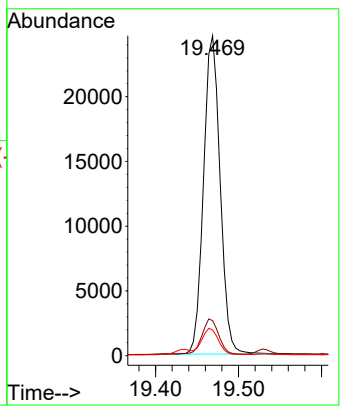


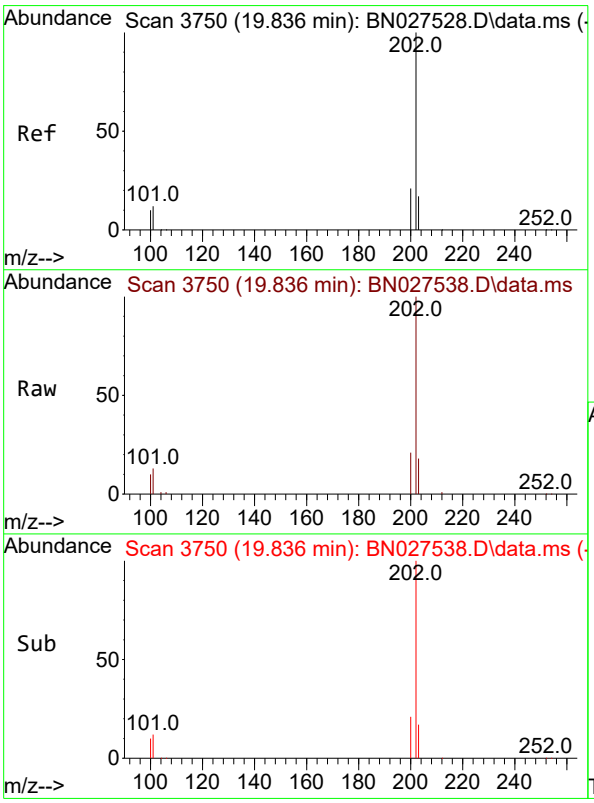
#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.469 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:202 Resp: 34147

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.4	14.0
100	8.0	6.9	10.3

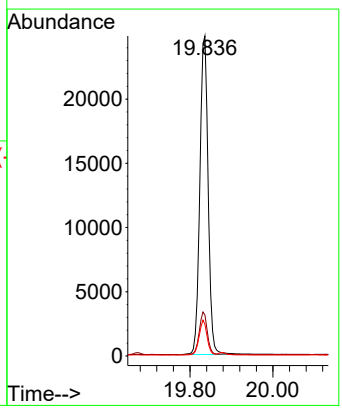


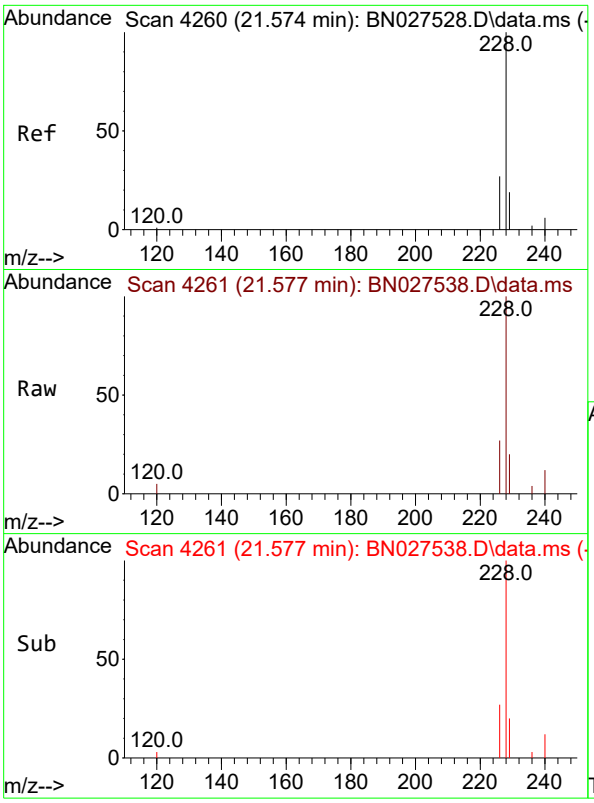


#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:202 Resp: 34610

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.4	17.2
100	9.9	9.4	14.2



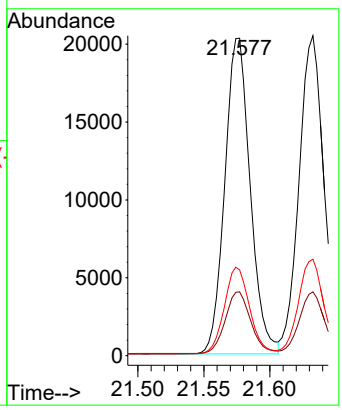


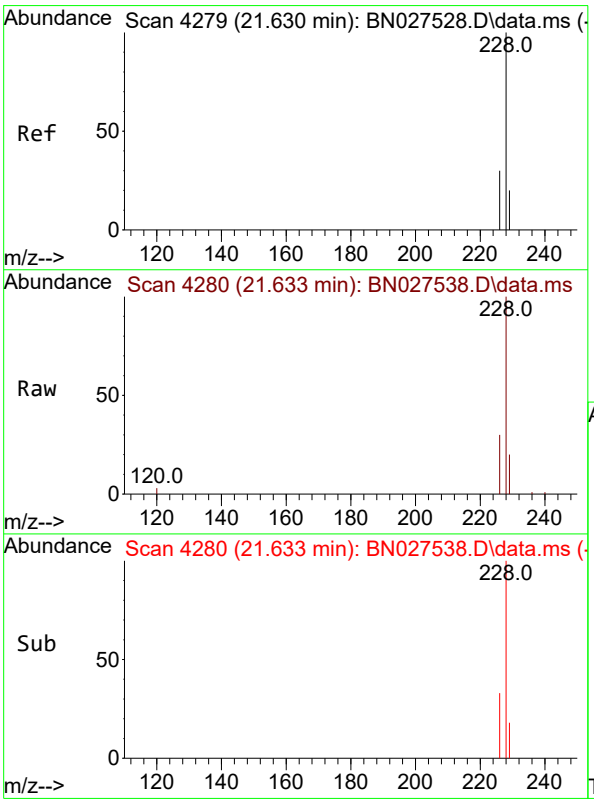
#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.577 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:228 Resp: 27157

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.0	22.0	33.0

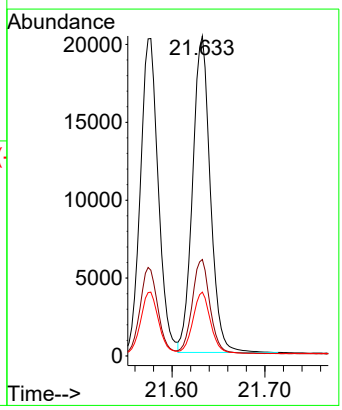


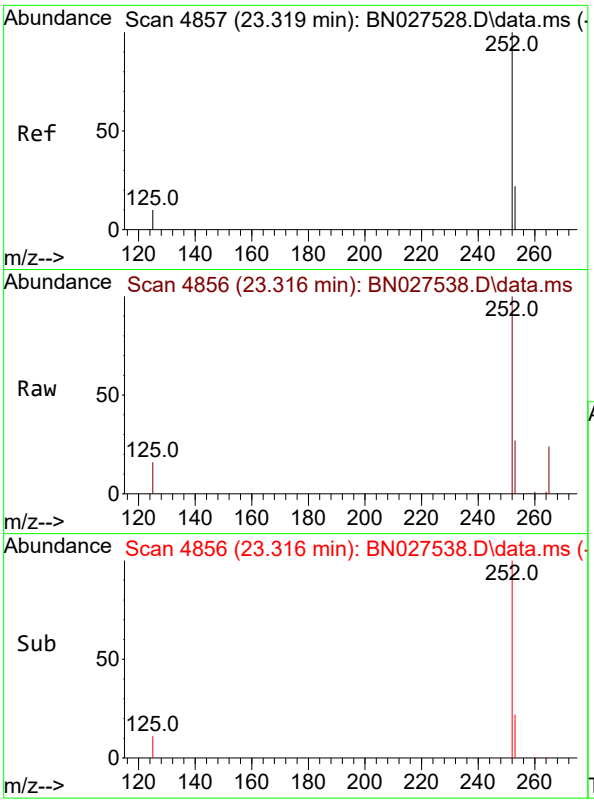


#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:228 Resp: 26952

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.9	15.6	23.4



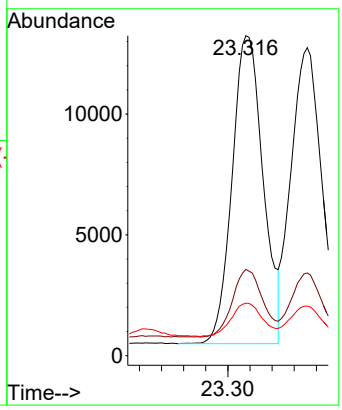


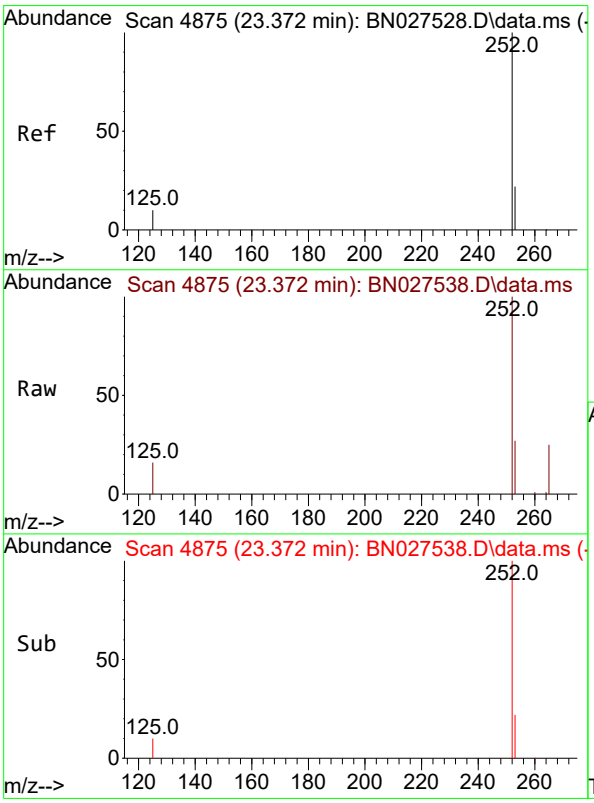
#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.316 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:252 Resp: 24803

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	49.6
125	16.4	0.0	33.8

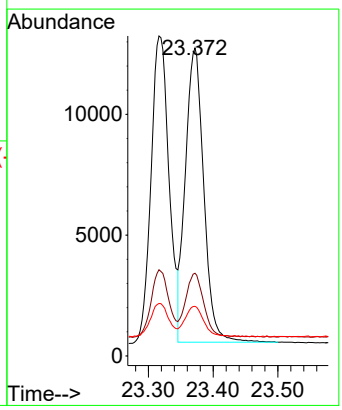


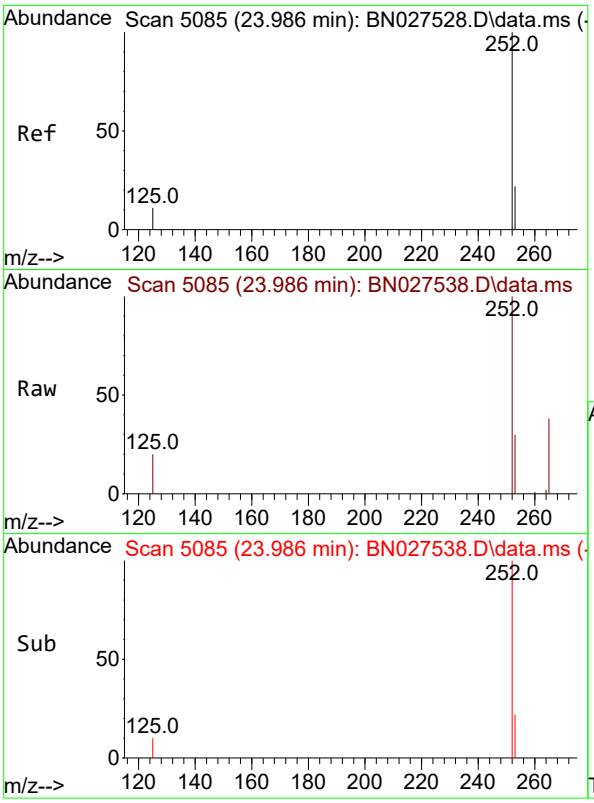


#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:252 Resp: 24034

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.9	29.9
125	16.1	13.6	20.4



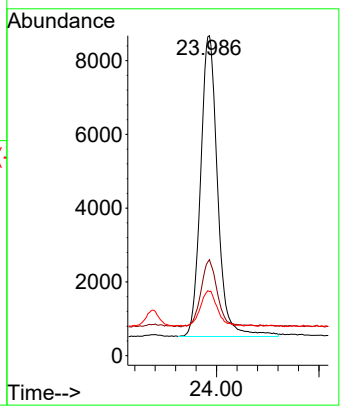


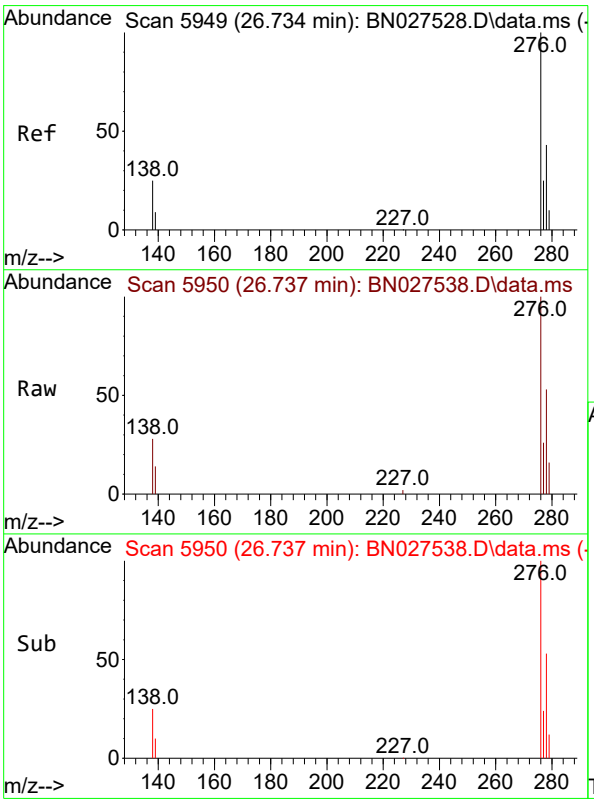
#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.986 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:252 Resp: 18814

Ion	Ratio	Lower	Upper
252	100		
253	30.0	22.4	33.6
125	20.1	17.4	26.2

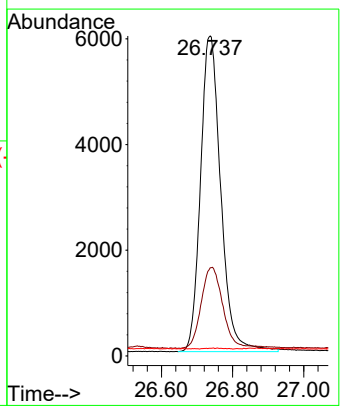


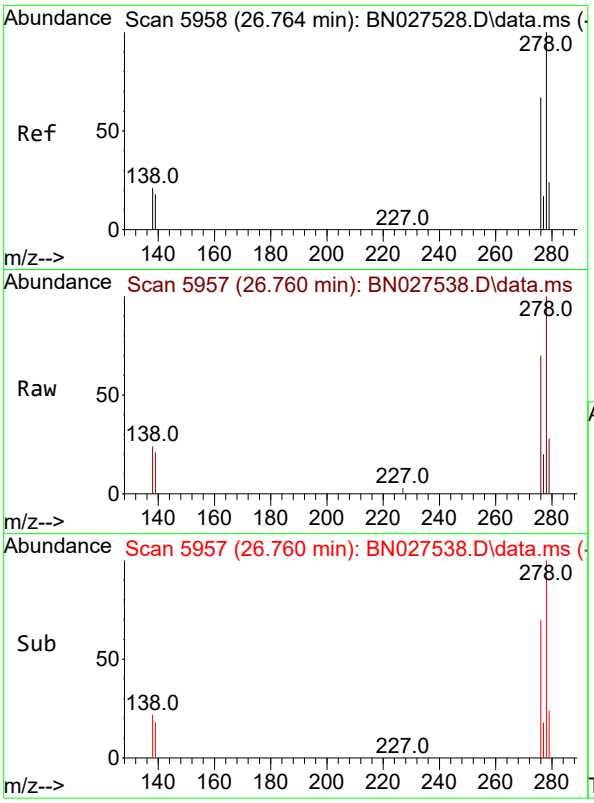


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.737 min Scan# 5950
Delta R.T. -0.017 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:276 Resp: 23644

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.9	35.9
227	0.1	0.1	0.1#



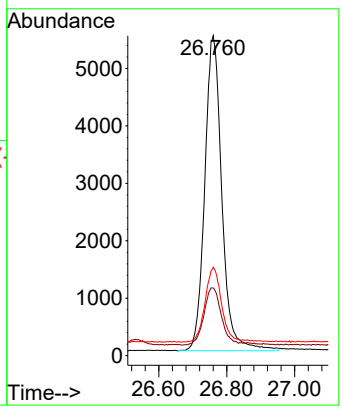


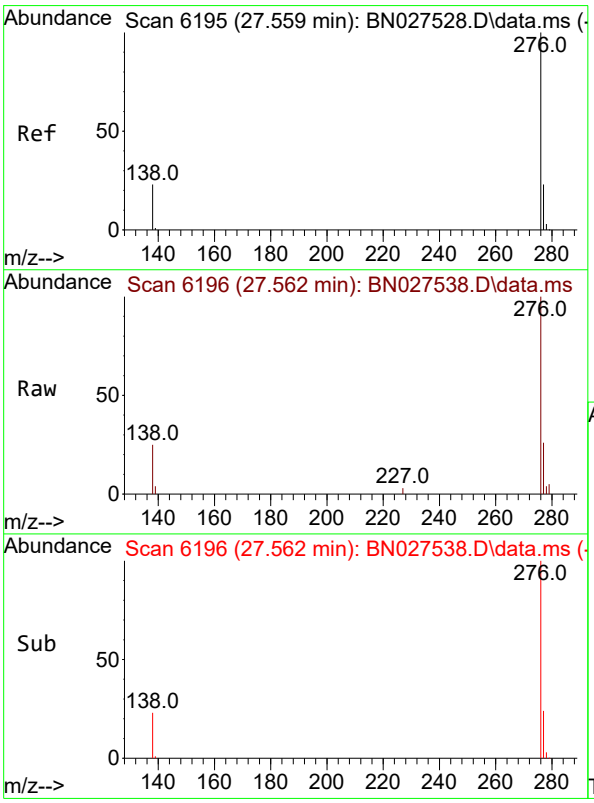
#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.760 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:278 Resp: 19174

Ion	Ratio	Lower	Upper
278	100		
139	21.1	18.0	27.0
279	27.6	22.7	34.1





#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.562 min Scan# 6196
Delta R.T. -0.021 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:276 Resp: 20104

Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.1	33.1
277	25.6	20.2	30.4