Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
Data File : BN022879.D
Acq On : 26 Nov 2022 13:00
Operator : CG/JU
Sample : SSTD3.257
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Quant Time: Nov 28 03:01:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 28 02:35:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	20947	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	11391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.458	188	23096	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	16264	0.400	ng/ul	0.00
23) Perylene-d12	24.127	264	9845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	28596	3.144	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	104980	3.289	ng/ul	0.00
18) Fluoranthene-d10	19.481	212	202197	3.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	29909	3.153	ng/ul	90
5) Naphthalene	10.942	128	204618	3.218	ng/ul	99
7) 2-Methylnaphthalene	12.548	142	130454	3.283	ng/ul	99
8) 1-Methylnaphthalene	12.768	142	135677	3.356	ng/ul	100
10) Acenaphthylene	14.432	152	198792	3.540	ng/ul	100
11) Acenaphthene	14.775	153	146197	3.288	ng/ul	98
12) Fluorene	15.756	166	171180	3.400	ng/ul	100
14) Pentachlorophenol	17.099	266	18194	3.767	ng/ul#	100
15) Phenanthrene	17.496	178	259497	3.274	ng/ul	99
16) Anthracene	17.589	178	242163	3.560	ng/ul	99
19) Fluoranthene	19.509	202	278506	3.313	ng/ul	100
20) Pyrene	19.871	202	269298	3.271	ng/ul	99
21) Benzo(a)anthracene	21.622	228	215877	3.472	ng/ul	100
22) Chrysene	21.677	228	211617	3.104	ng/ul	99
24) Benzo(b)fluoranthene	23.367	252	180243	3.613	ng/ul	96
25) Benzo(k)fluoranthene	23.417	252	184534	3.500	ng/ul	95
26) Benzo(a)pyrene	24.019	252	138656	3.649	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.745	276	165848	3.673	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.768	278	133143	3.711	ng/ul	96
29) Benzo(g,h,i)perylene	27.546	276	136891	3.475	ng/ul	97

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

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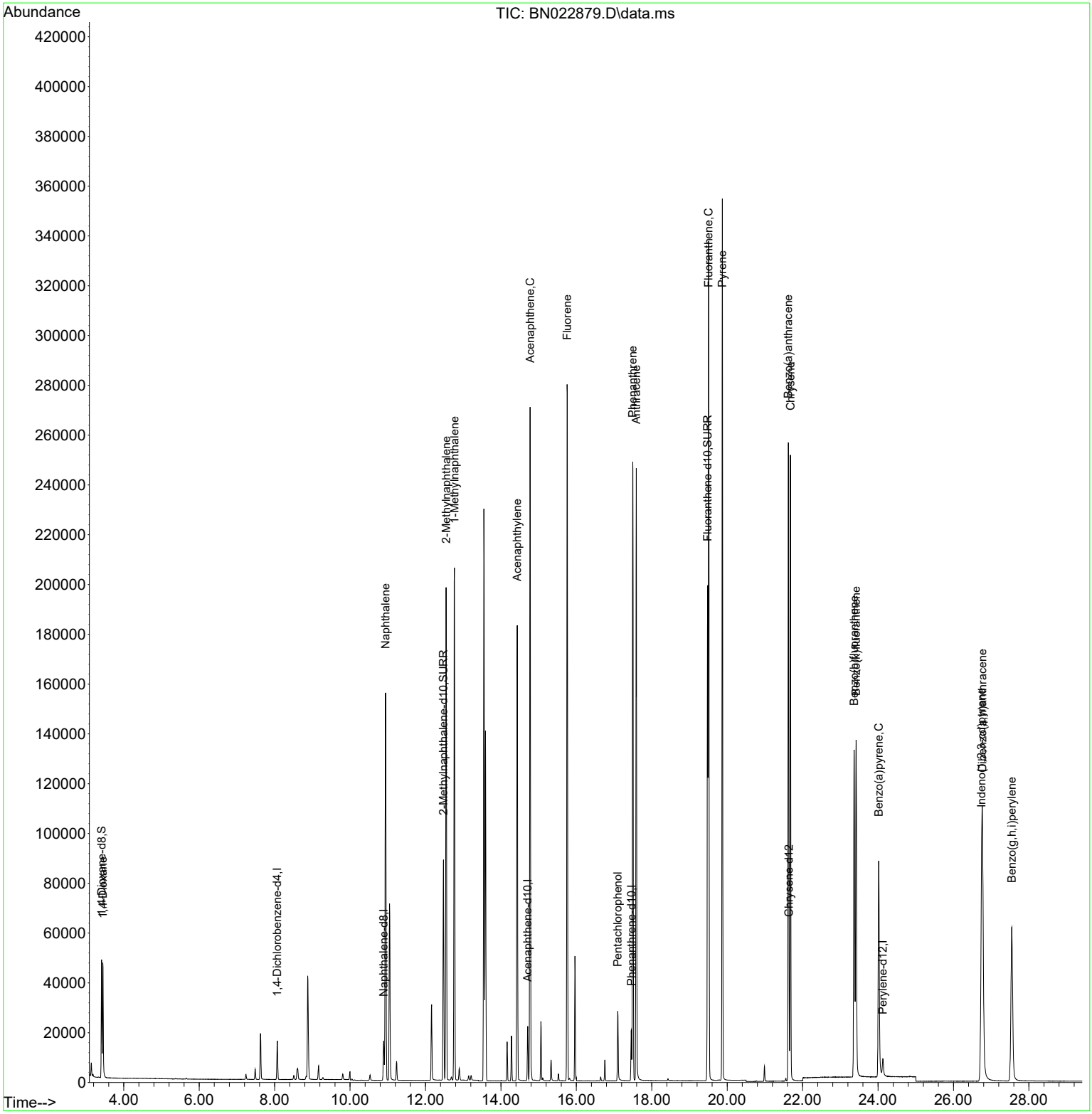
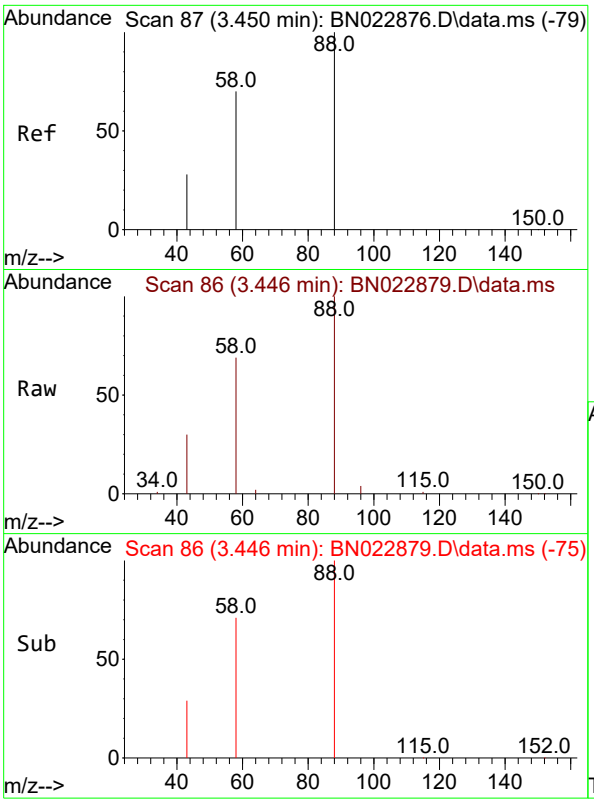


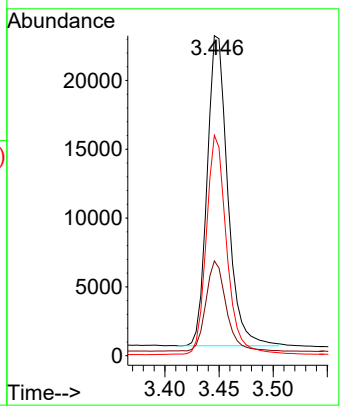


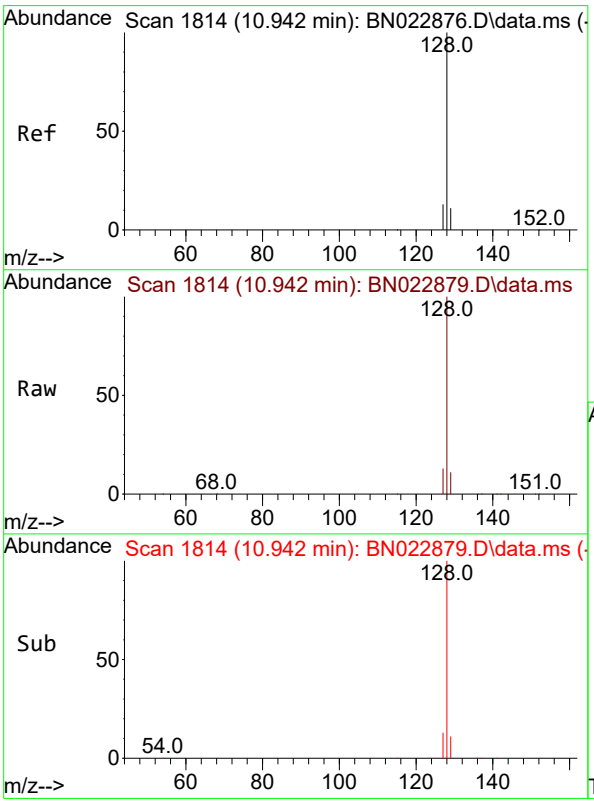
#2
1,4-Dioxane
Concen: 3.153 ng/ul
RT: 3.446 min Scan# 8
Delta R.T. -0.004 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion: 88 Resp: 29909

Ion	Ratio	Lower	Upper
88	100		
43	29.6	26.2	39.4
58	68.9	47.6	71.4

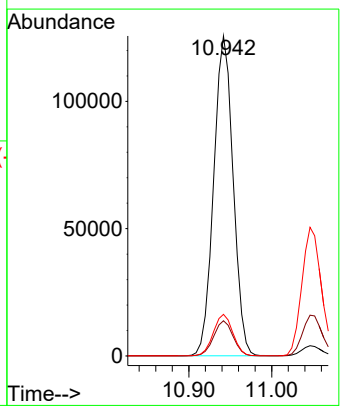


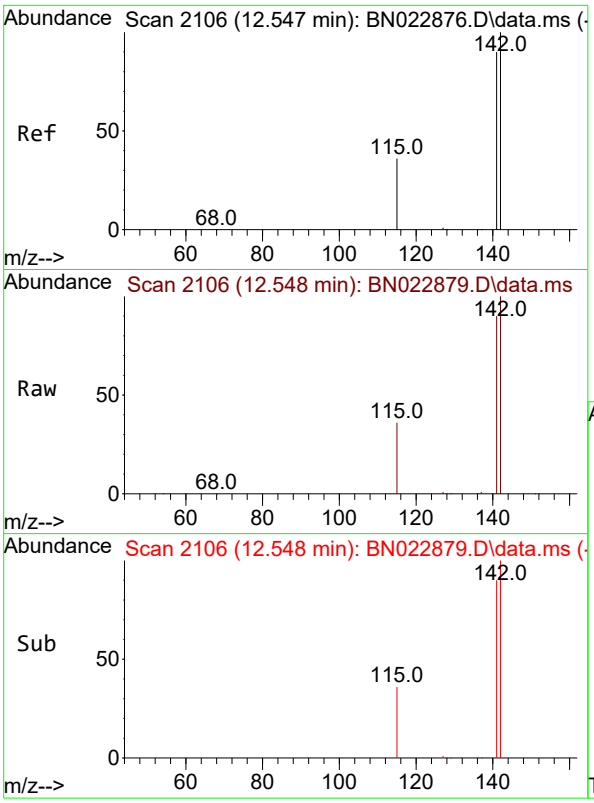


#5
Naphthalene
Concen: 3.218 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:128 Resp: 204618

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.0	10.6	16.0



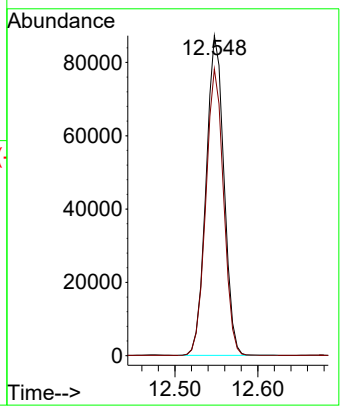


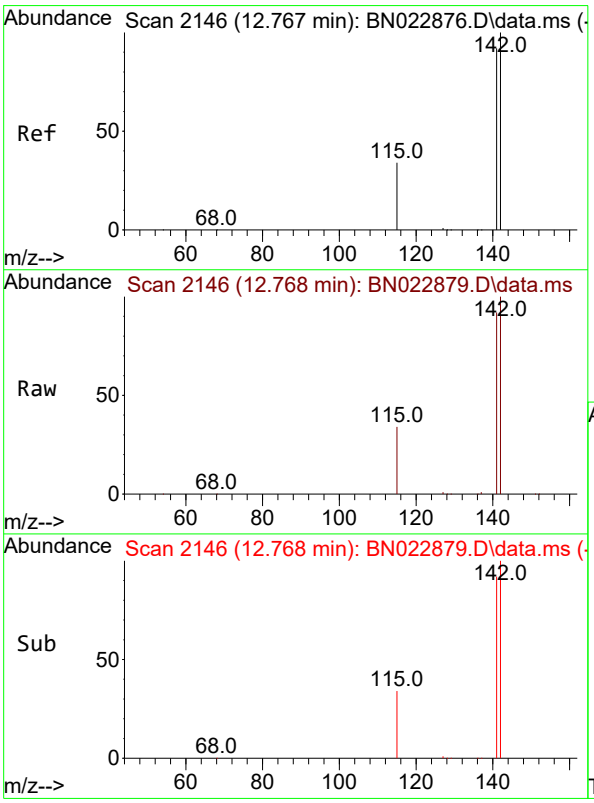
#7
2-Methylnaphthalene
Concen: 3.283 ng/ul
RT: 12.548 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:142 Resp: 130454

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4

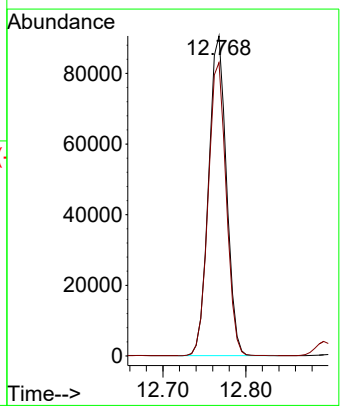


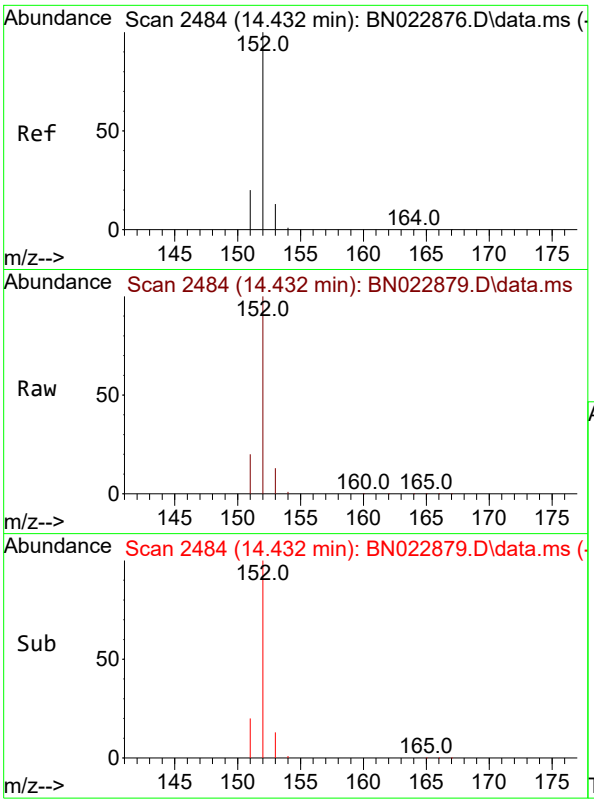


#8
1-Methylnaphthalene
Concen: 3.356 ng/ul
RT: 12.768 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:142 Resp: 135677

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.6



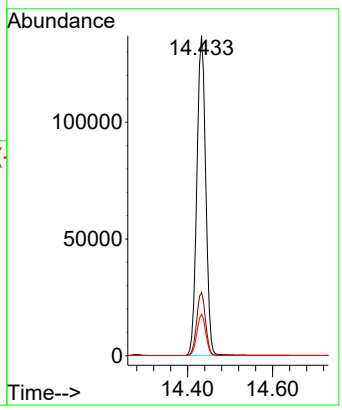


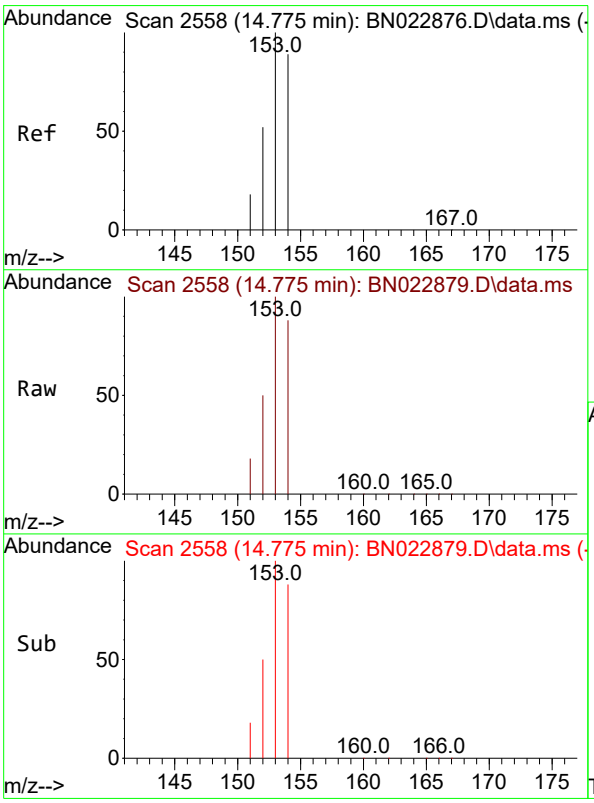
#10
Acenaphthylene
Concen: 3.540 ng/ul
RT: 14.432 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:152 Resp: 198792

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.5	15.7

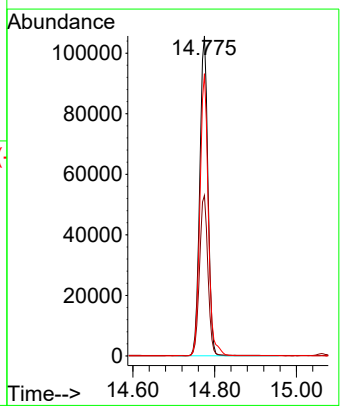


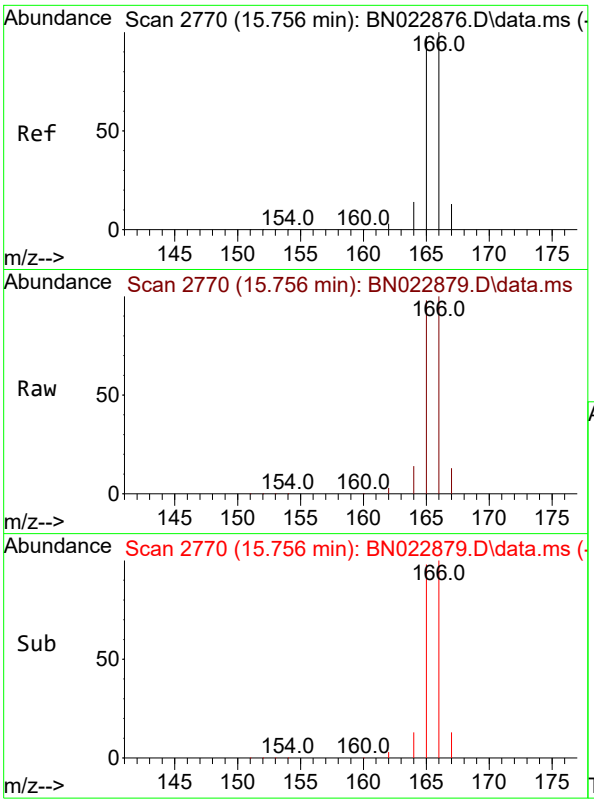


#11
Acenaphthene
Concen: 3.288 ng/ul
RT: 14.775 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:153 Resp: 146197

Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.8	62.8
154	88.2	71.3	106.9



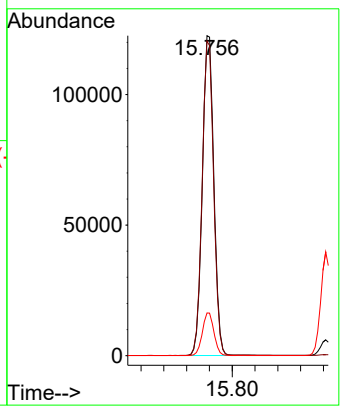


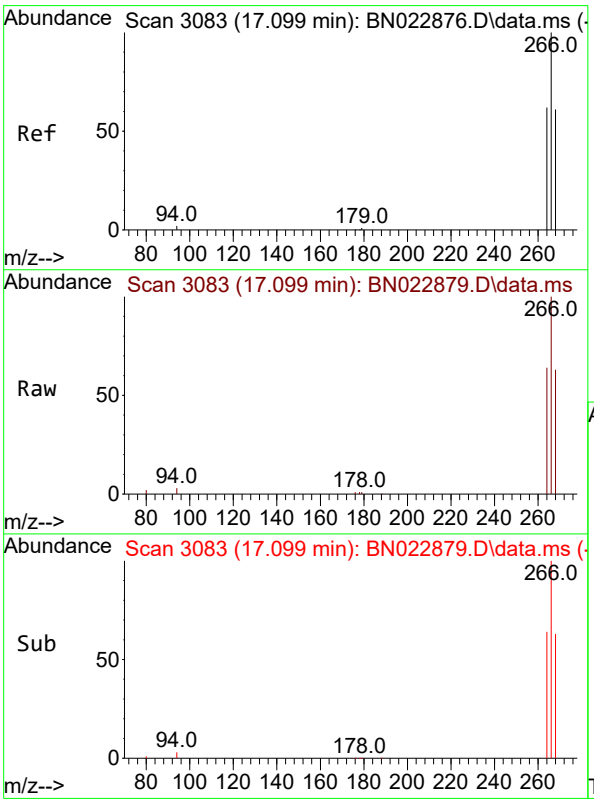
#12
Fluorene
Concen: 3.400 ng/ul
RT: 15.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:166 Resp: 171180

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.4	10.8	16.2

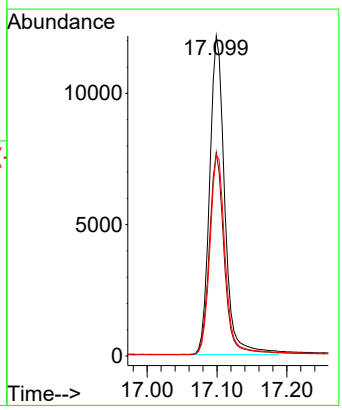


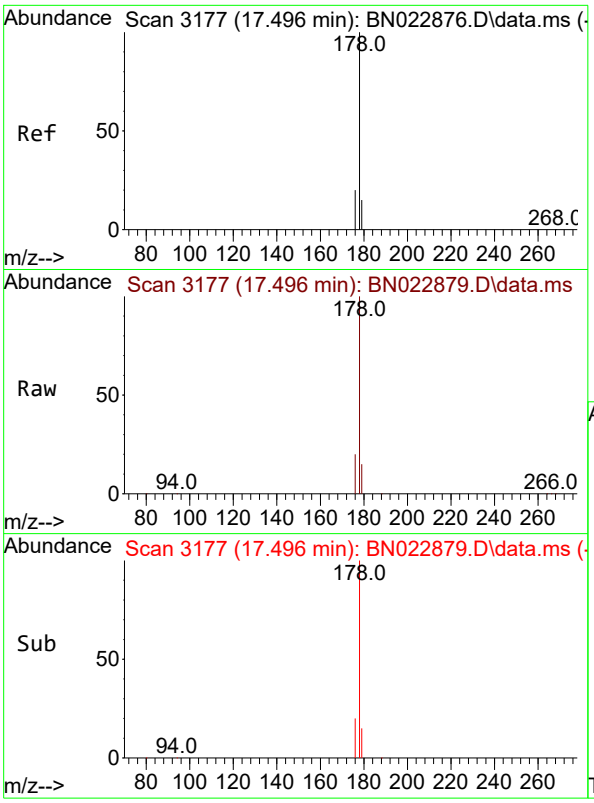


#14
Pentachlorophenol
Concen: 3.767 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:266 Resp: 18194

Ion	Ratio	Lower	Upper
266	100		
264	62.8	0.0	0.0#
268	63.7	0.0	0.0#



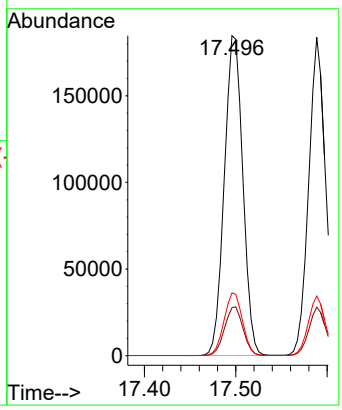


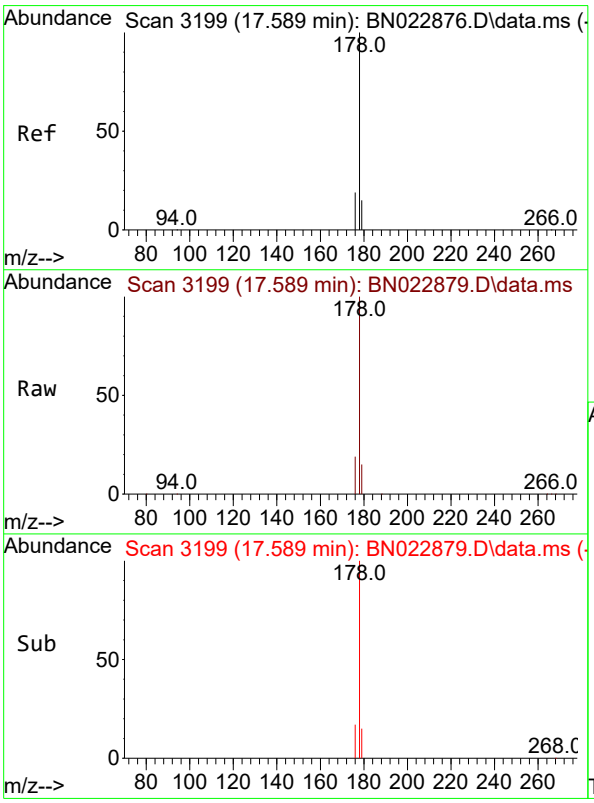
#15
Phenanthrene
Concen: 3.274 ng/ul
RT: 17.496 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:178 Resp: 259497

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	19.7	15.9	23.9

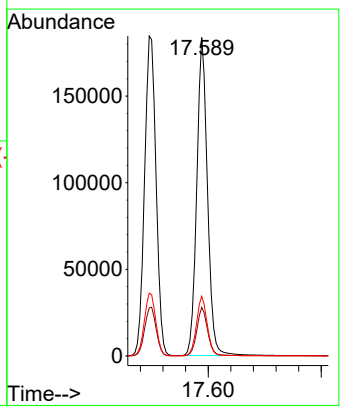


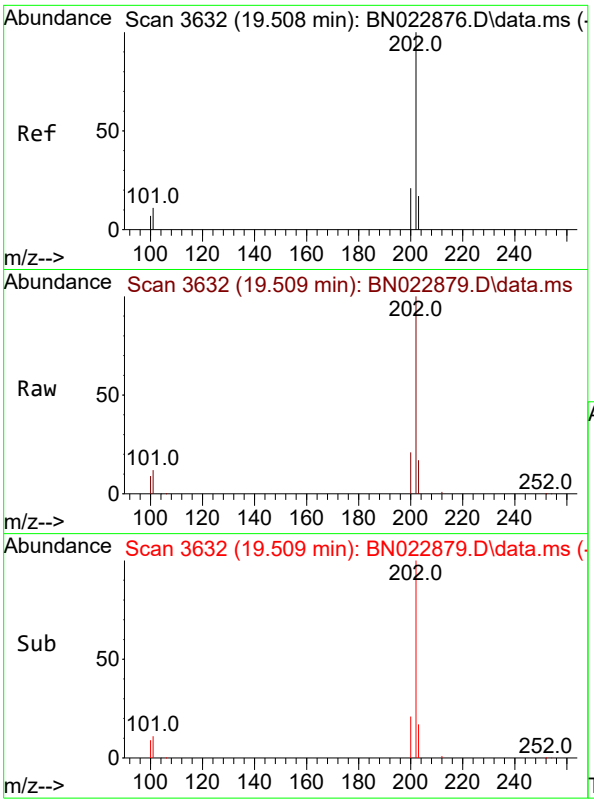


#16
Anthracene
Concen: 3.560 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:178 Resp: 242163

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.8	15.3	22.9



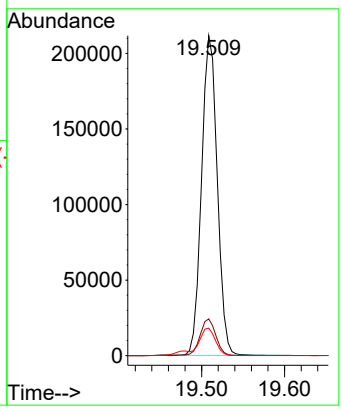


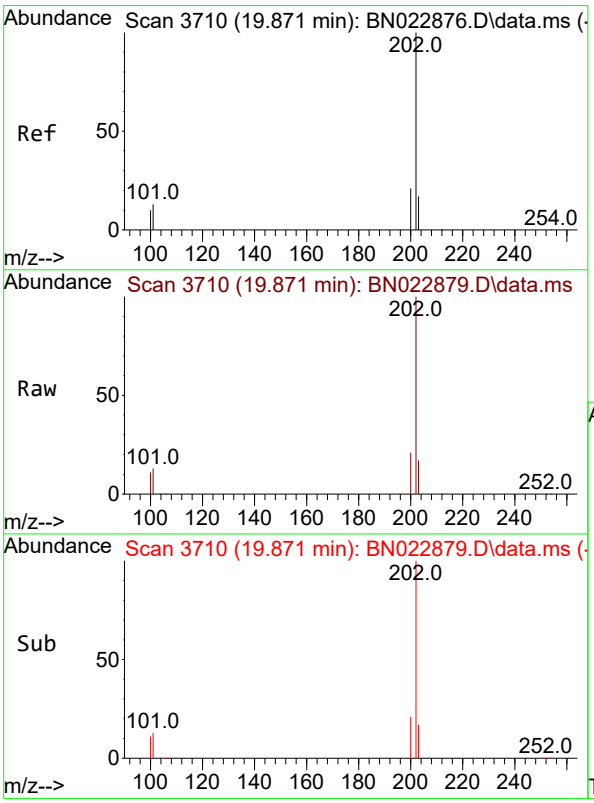
#19
Fluoranthene
Concen: 3.313 ng/ul
RT: 19.509 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:202 Resp: 278506

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.6	6.9	10.3

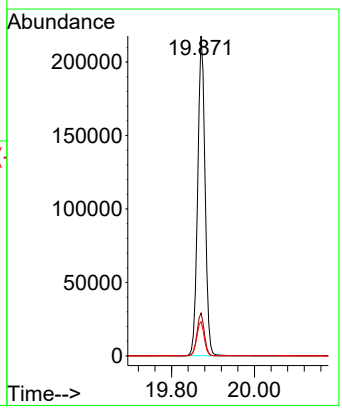


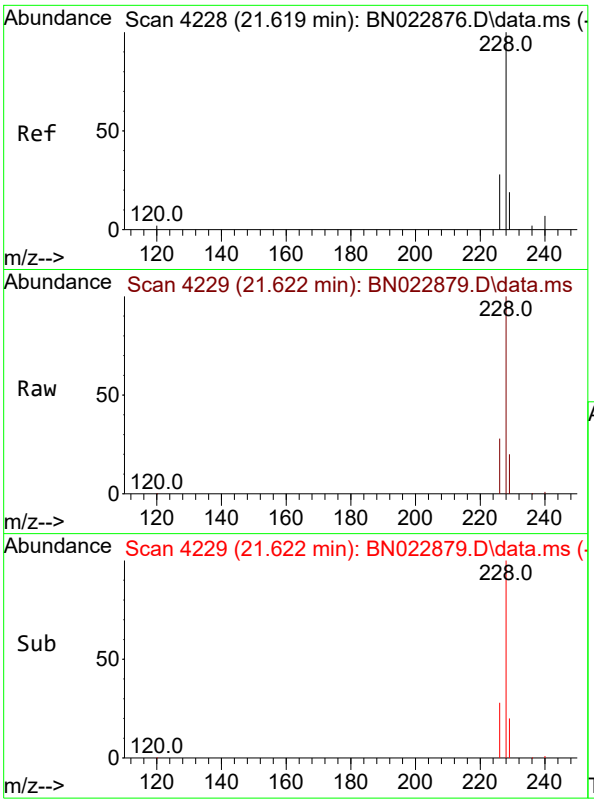


#20
Pyrene
Concen: 3.271 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:202 Resp: 269298

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	10.7	8.2	12.4



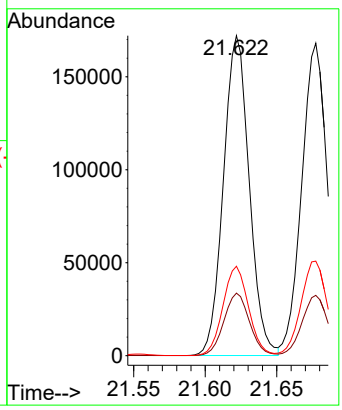


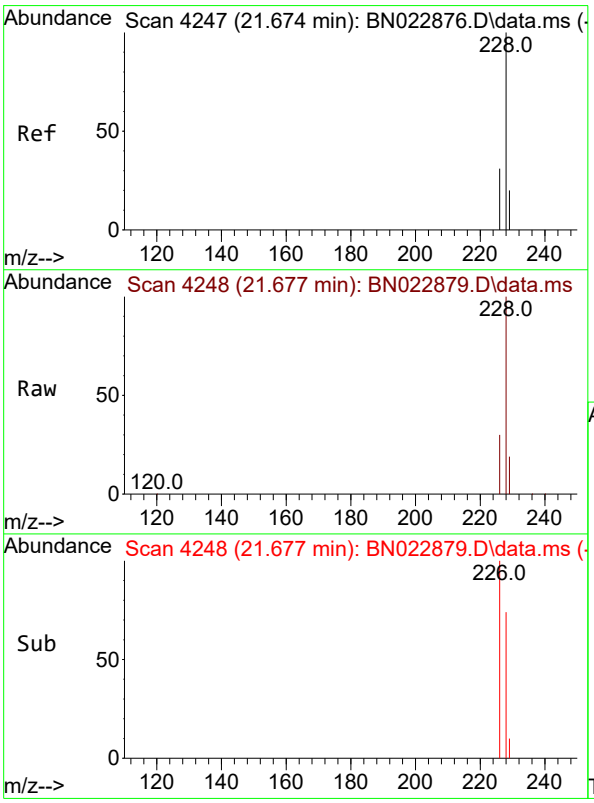
#21
Benzo(a)anthracene
Concen: 3.472 ng/ul
RT: 21.622 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:228 Resp: 215877

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	27.9	22.2	33.4

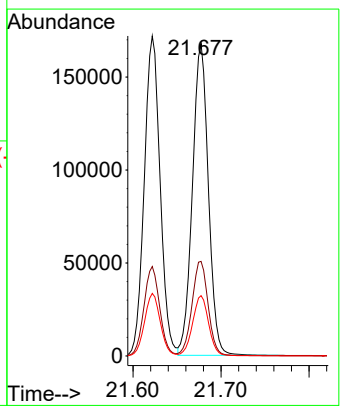


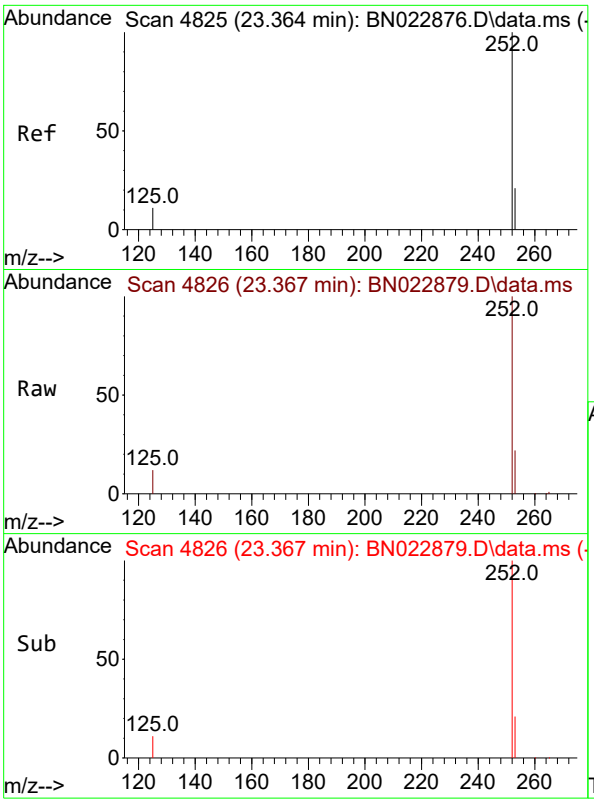


#22
Chrysene
Concen: 3.104 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:228 Resp: 211617

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.3	15.8	23.8



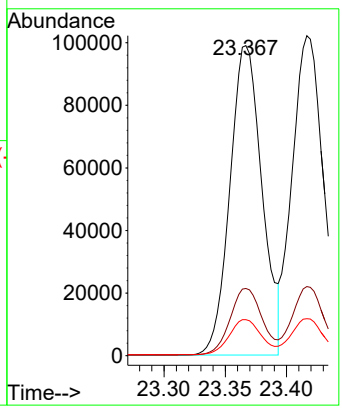


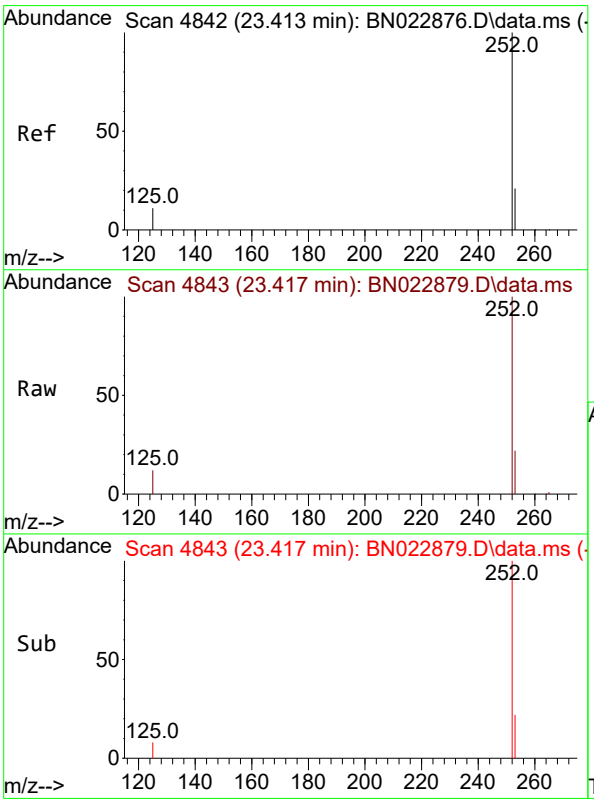
#24
Benzo(b)fluoranthene
Concen: 3.613 ng/ul
RT: 23.367 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:252 Resp: 180243

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	46.0
125	11.6	0.0	28.6

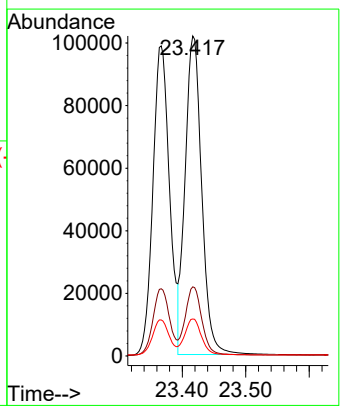


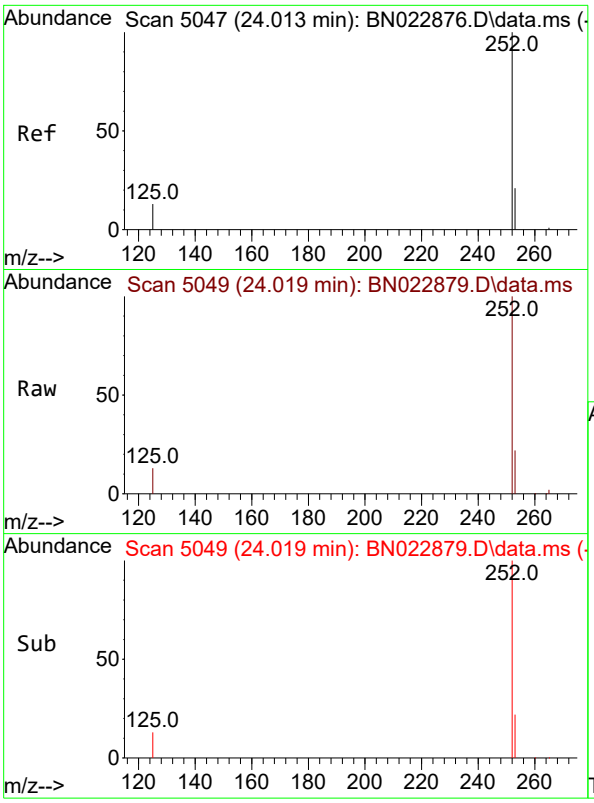


#25
Benzo(k)fluoranthene
Concen: 3.500 ng/ul
RT: 23.417 min Scan# 4843
Delta R.T. 0.003 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:252 Resp: 184534

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.7	28.1
125	11.6	11.3	16.9



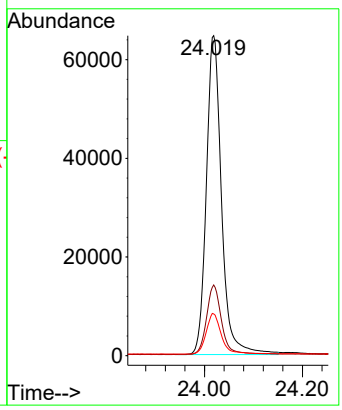


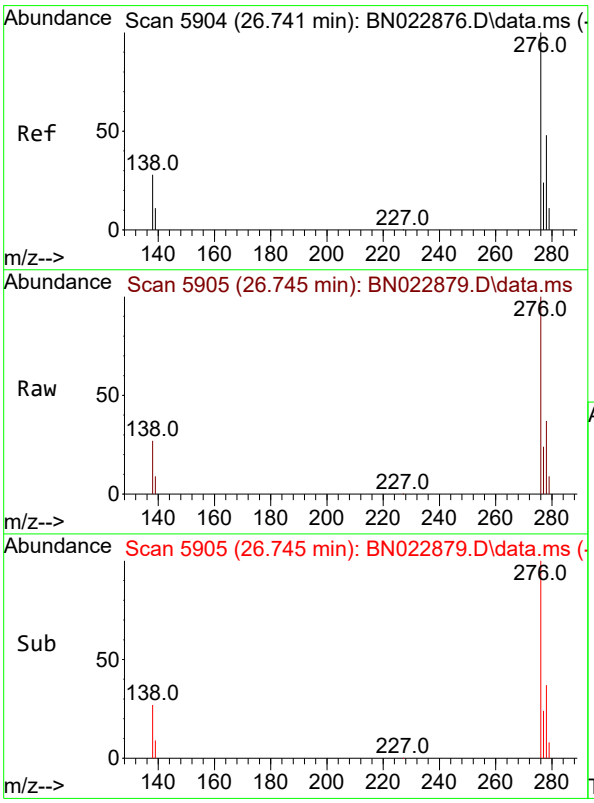
#26
Benzo(a)pyrene
Concen: 3.649 ng/ul
RT: 24.019 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:252 Resp: 138656

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.7	29.5
125	13.1	13.7	20.5#

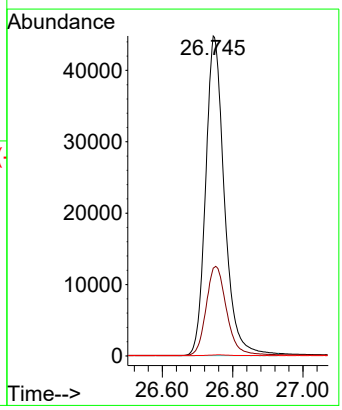


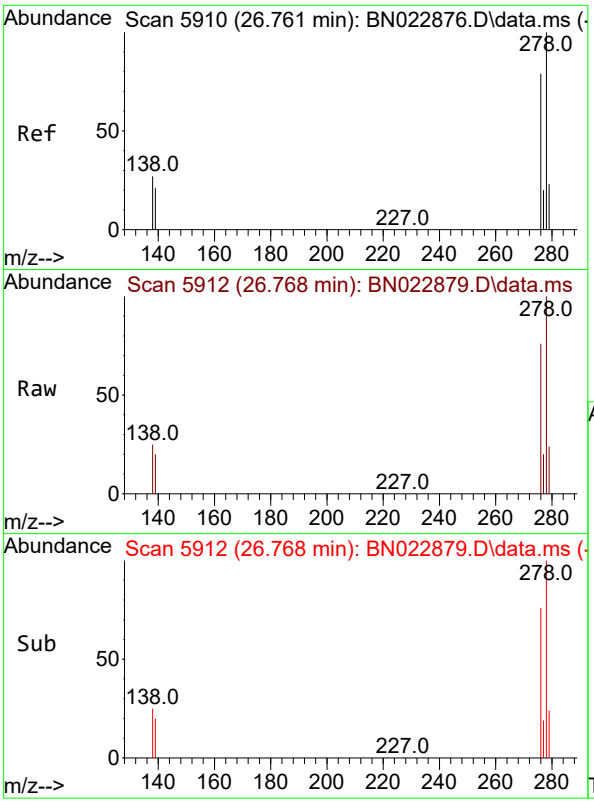


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.673 ng/ul
RT: 26.745 min Scan# 5905
Delta R.T. 0.003 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:276 Resp: 165848

Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	0.0#
227	0.2	0.0	0.0#



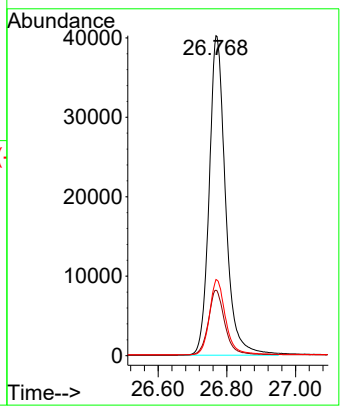


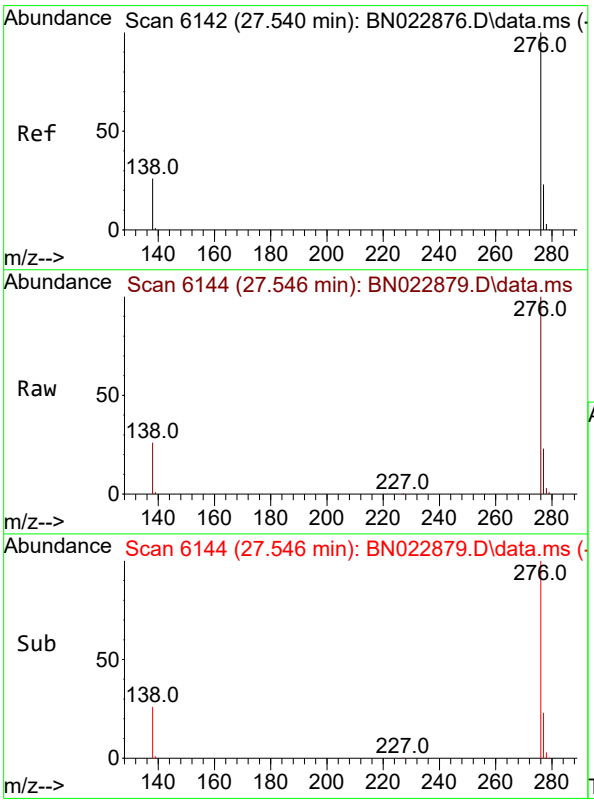
#28
Dibenzo(a,h)anthracene
Concen: 3.711 ng/ul
RT: 26.768 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

Tgt Ion:278 Resp: 133143

Ion	Ratio	Lower	Upper
278	100		
139	20.5	18.3	27.5
279	23.8	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 3.475 ng/ul
RT: 27.546 min Scan# 6144
Delta R.T. 0.007 min
Lab File: BN022879.D
Acq: 26 Nov 2022 13:00

Tgt Ion:276 Resp: 136891

Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.1	33.1
277	23.3	19.4	29.2