Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
Data File : BN018330.D
Acq On : 04 Jan 2022 11:19
Operator : CG/JU
Sample : SSTD0.417
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Quant Time: Jan 04 12:34:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 12:28:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5498	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	18136	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.240	164	12221	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.987	188	29029	0.400	ng/ul	0.00
17) Chrysene-d12	21.183	240	32871	0.400	ng/ul	0.00
23) Perylene-d12	23.398	264	29832	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2064	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.983	152	9715	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.018	212	34470	0.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	2315	0.405	ng/ul#	65
5) Naphthalene	10.432	128	19405	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.060	142	12490	0.317	ng/ul	99
8) 1-Methylnaphthalene	12.275	142	13254	0.334	ng/ul	99
10) Acenaphthylene	13.963	152	17773	0.337	ng/ul	99
11) Acenaphthene	14.305	153	16196	0.381	ng/ul	100
12) Fluorene	15.295	166	19390	0.369	ng/ul	99
14) Pentachlorophenol	16.658	266	2476	0.215	ng/ul	99
15) Phenanthrene	17.029	178	35581	0.371	ng/ul	99
16) Anthracene	17.122	178	28661	0.332	ng/ul	99
19) Fluoranthene	19.051	202	46520	0.356	ng/ul	100
20) Pyrene	19.413	202	48652	0.356	ng/ul	99
21) Benzo(a)anthracene	21.165	228	38867	0.310	ng/ul	100
22) Chrysene	21.218	228	50720	0.373	ng/ul	100
24) Benzo(b)fluoranthene	22.734	252	46365	0.371	ng/ul	100
25) Benzo(k)fluoranthene	22.778	252	54651	0.384	ng/ul	100
26) Benzo(a)pyrene	23.305	252	41509	0.351	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.654	276	53828	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.674	278	40899	0.351	ng/ul	99
29) Benzo(g,h,i)perylene	26.335	276	49212	0.384	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
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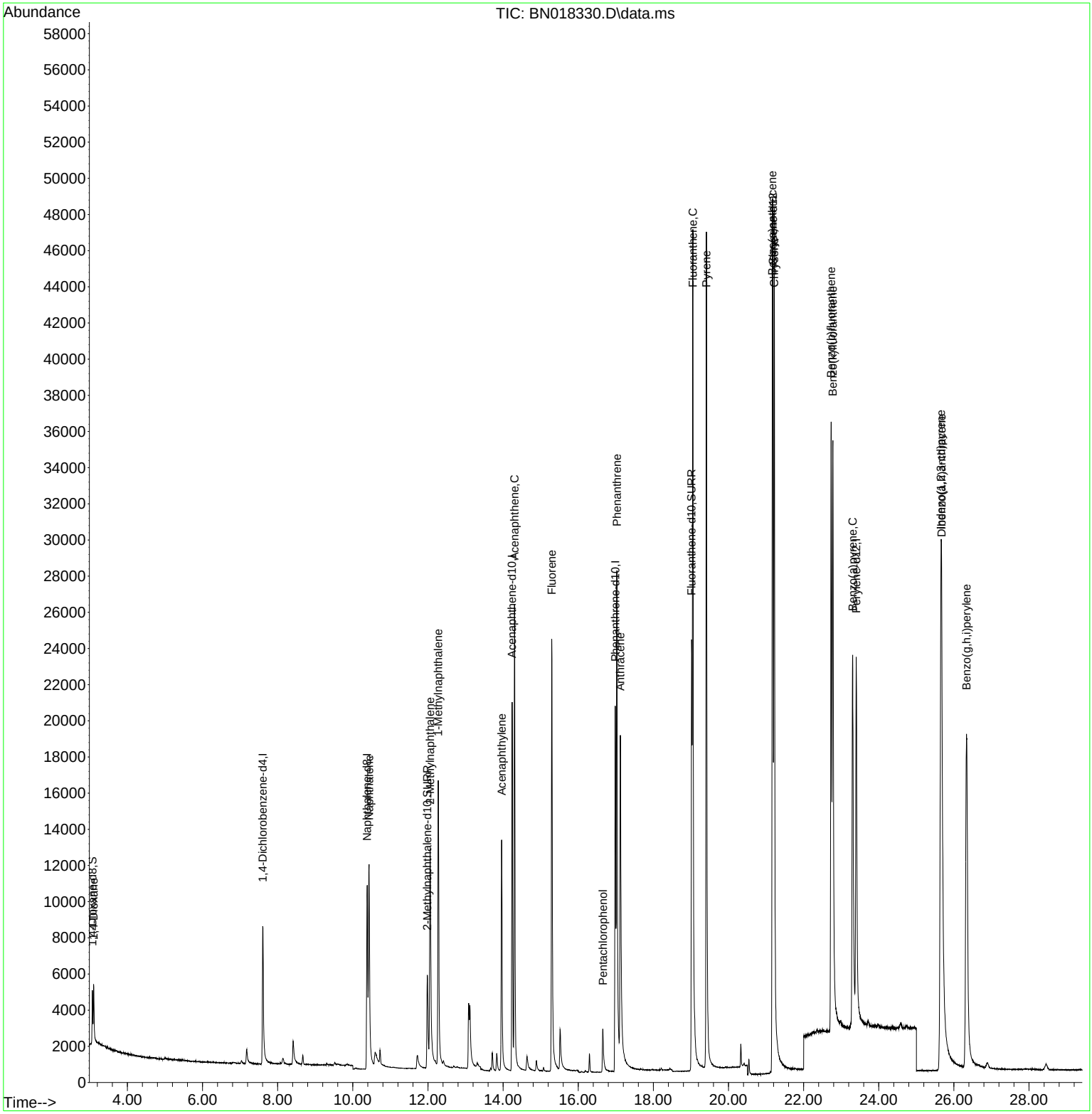
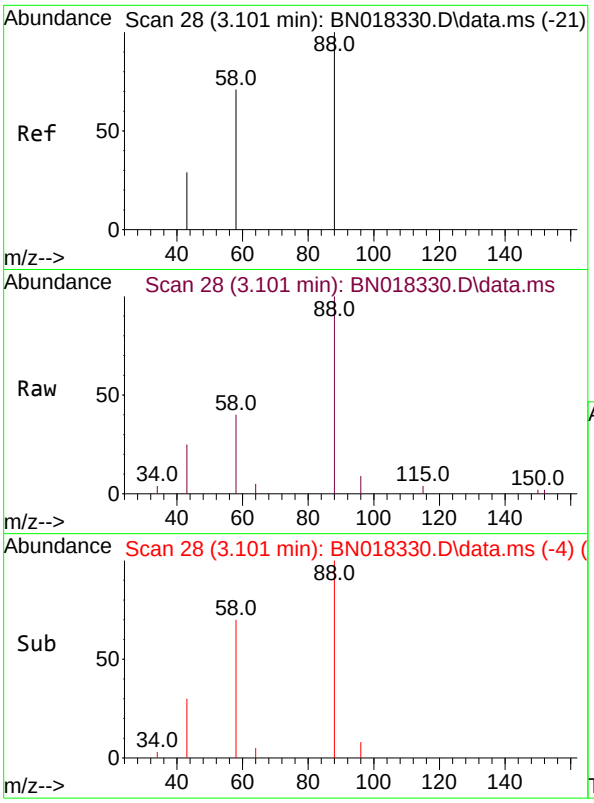


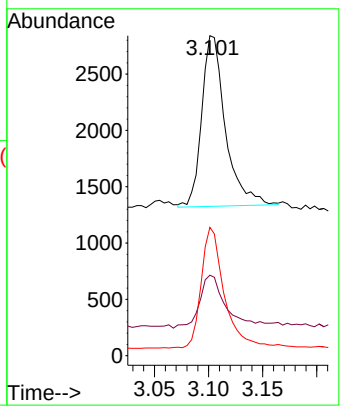


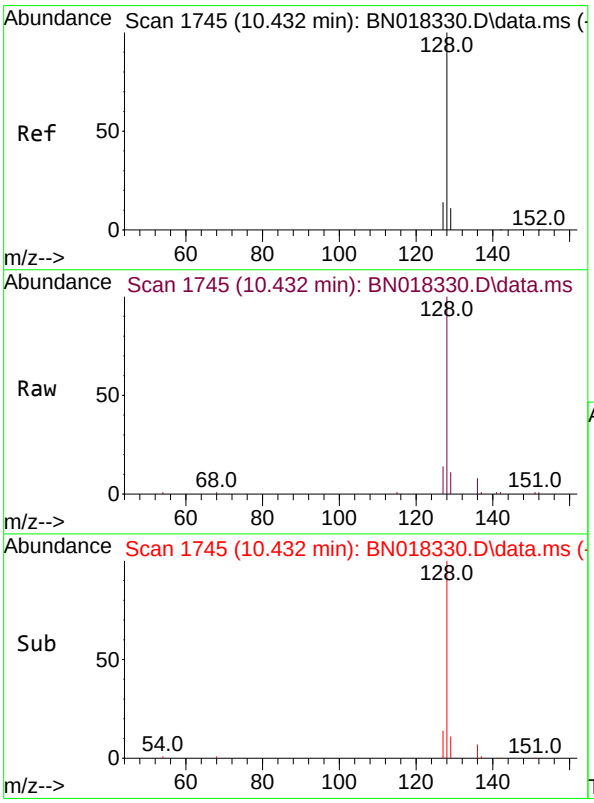
#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.101 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion: 88 Resp: 2315

Ion	Ratio	Lower	Upper
88	100		
43	25.2	47.8	71.8#
58	40.1	46.2	69.2#

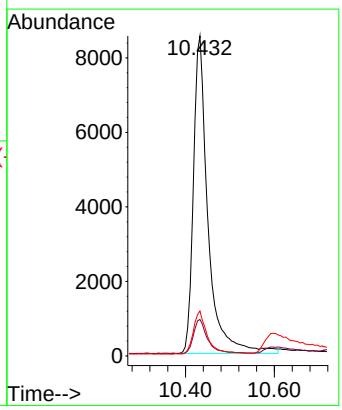


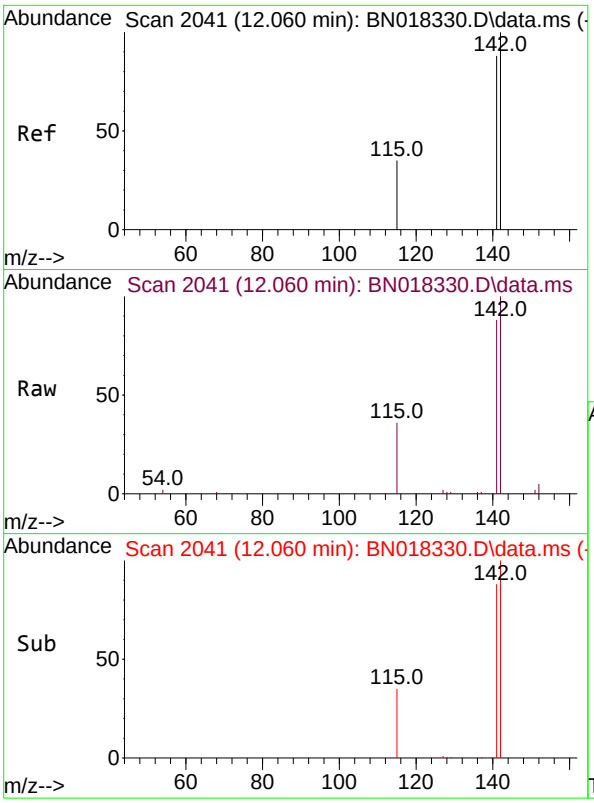


#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.432 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:128 Resp: 19405

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.1	11.0	16.6



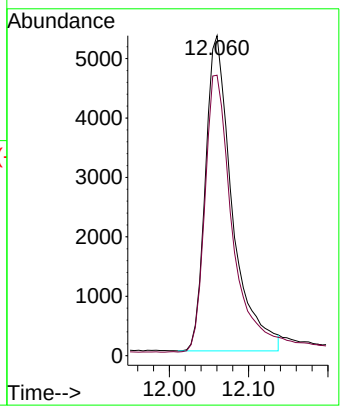


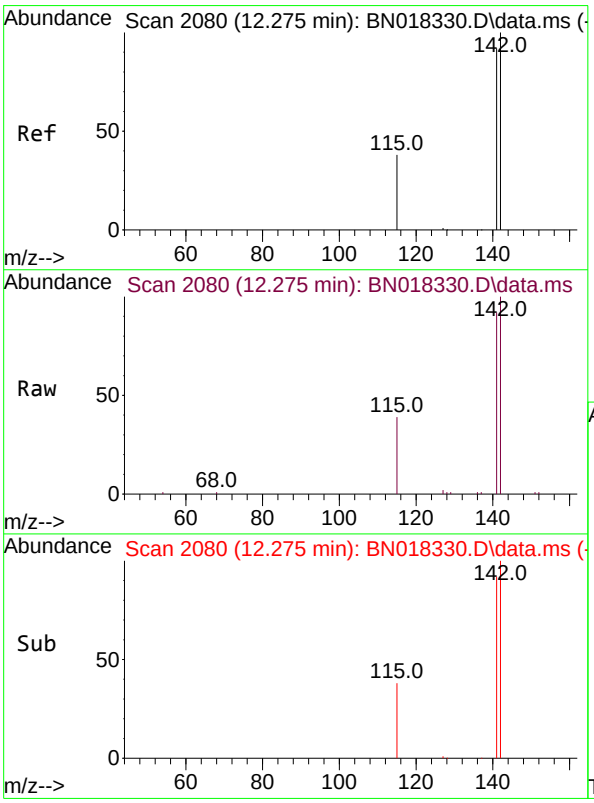
#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.060 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:142 Resp: 12490

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3

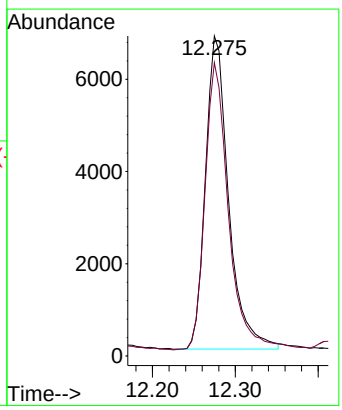


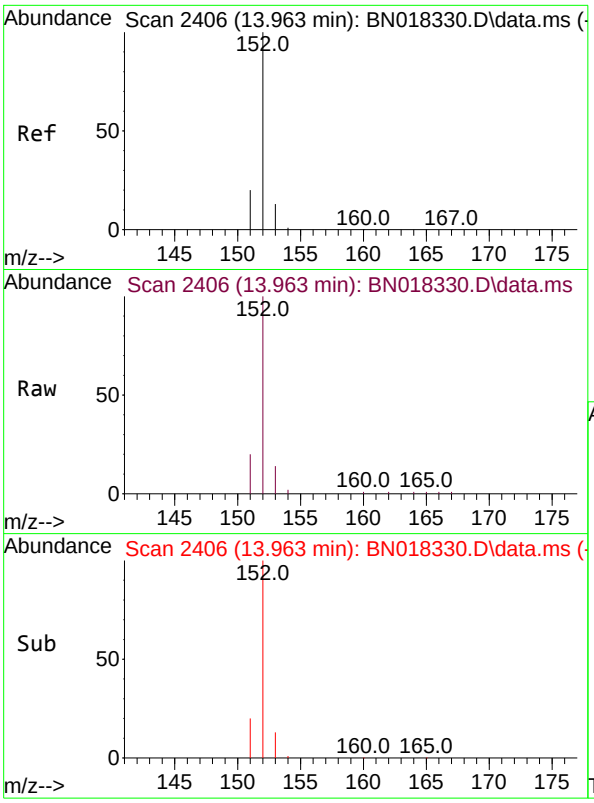


#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.275 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:142 Resp: 13254

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8



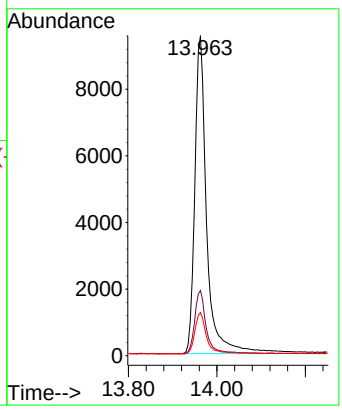


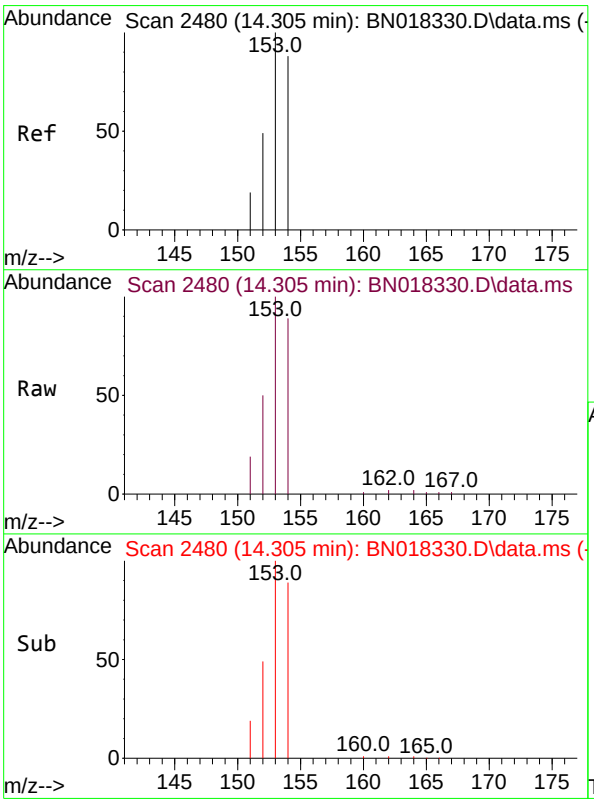
#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.963 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:152 Resp: 17773

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.5	10.7	16.1

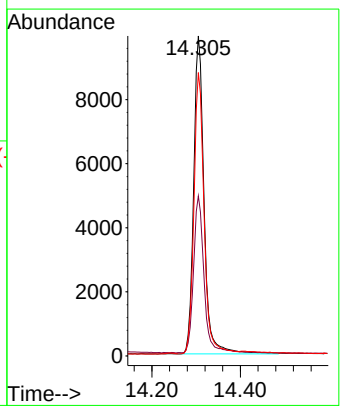


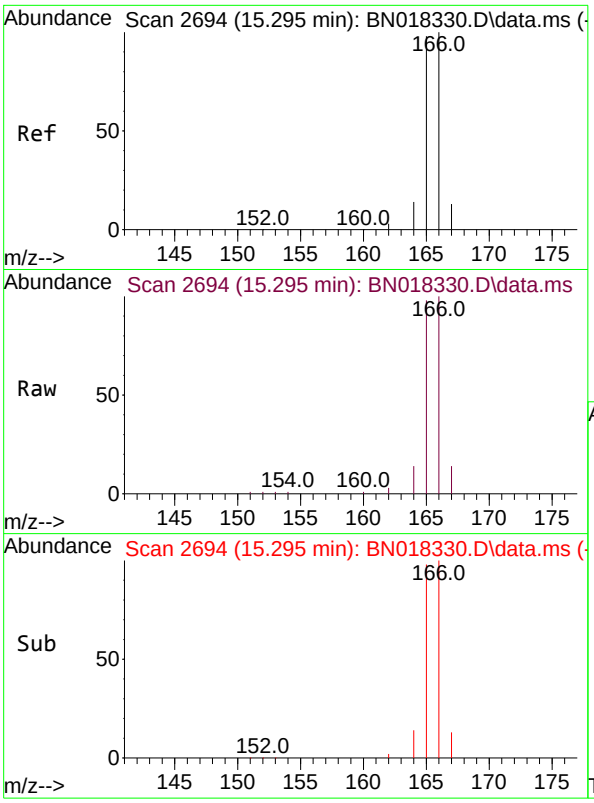


#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.305 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:153 Resp: 16196

Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.7	59.5
154	88.5	70.9	106.3



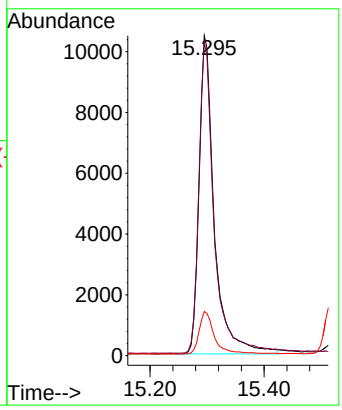


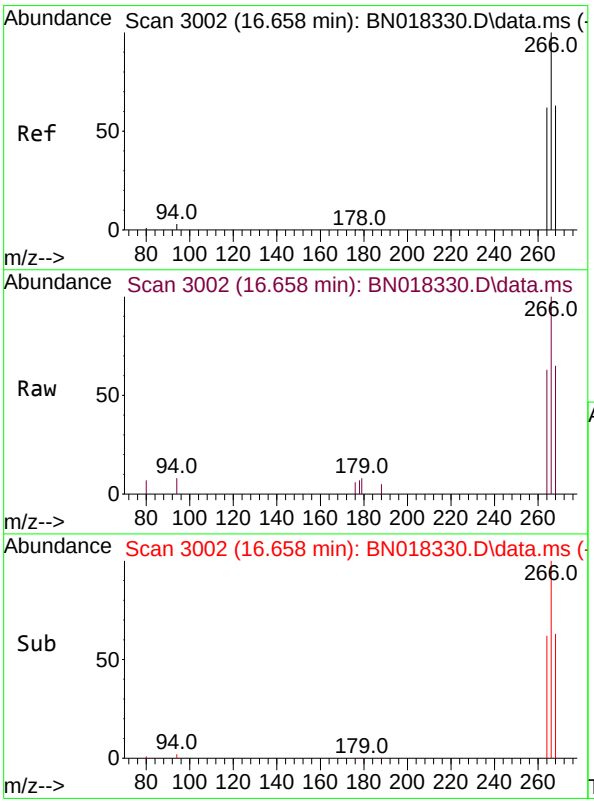
#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:166 Resp: 19390

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	13.8	11.6	17.4

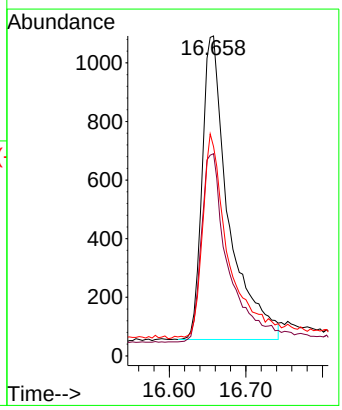


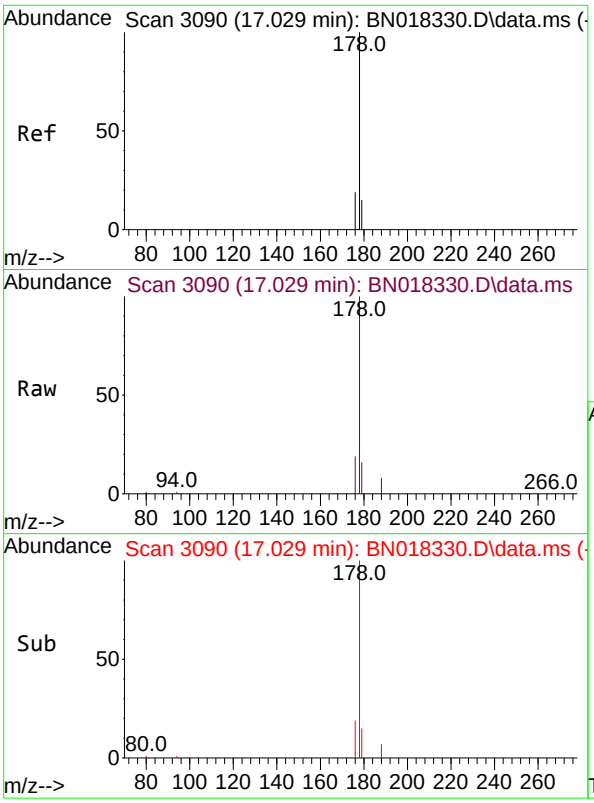


#14
Pentachlorophenol
Concen: 0.215 ng/ul
RT: 16.658 min Scan# 3002
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:266 Resp: 2476

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.9	74.9
268	66.0	51.7	77.5



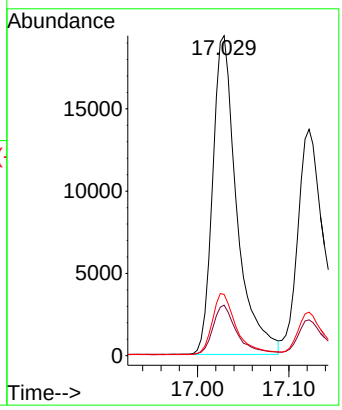


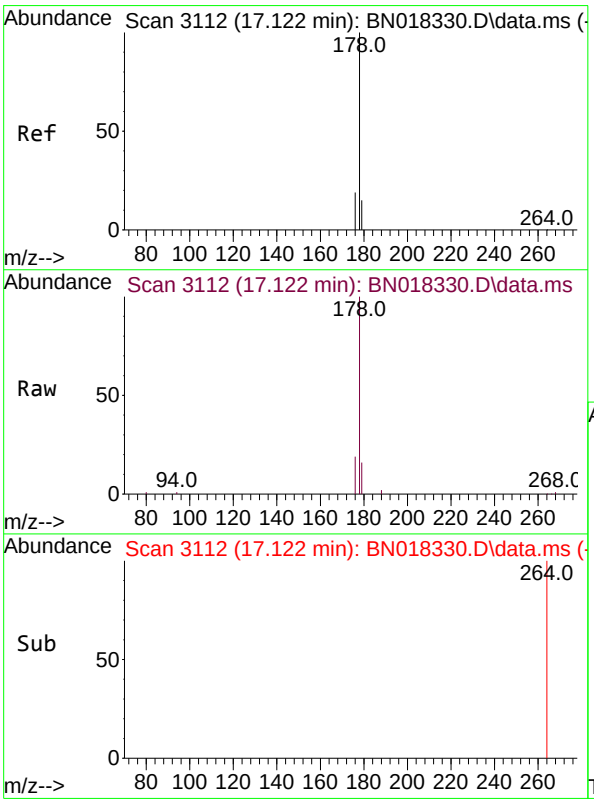
#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.029 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:178 Resp: 35581

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.2	15.4	23.2

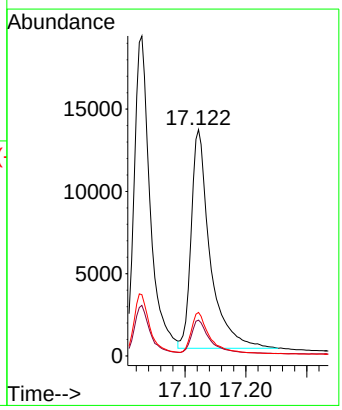


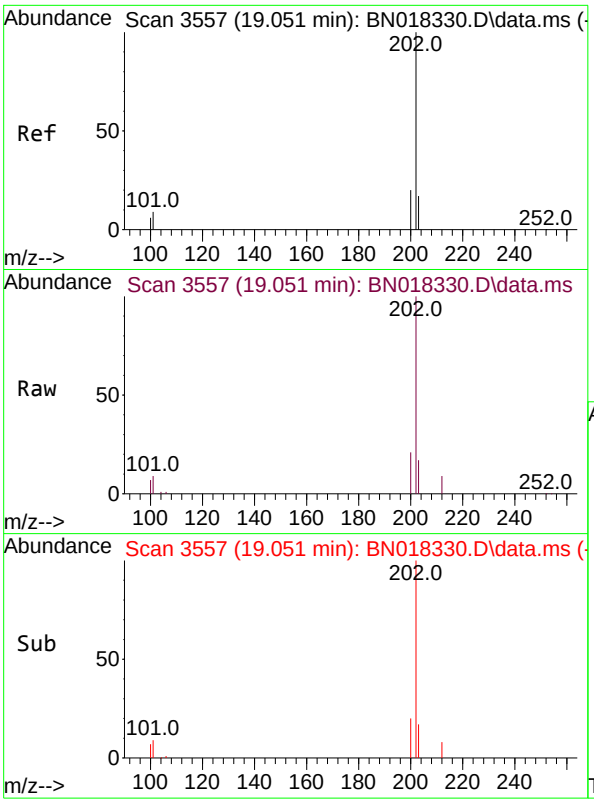


#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.122 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:178 Resp: 28661

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.2	15.5	23.3



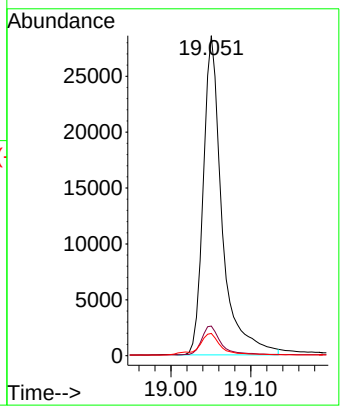


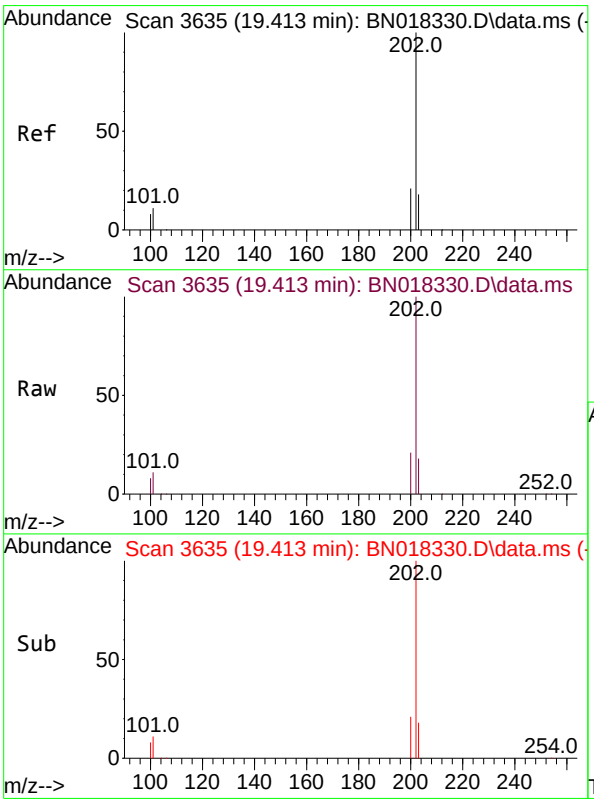
#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.051 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:202 Resp: 46520

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.5	11.3
100	7.0	5.4	8.2

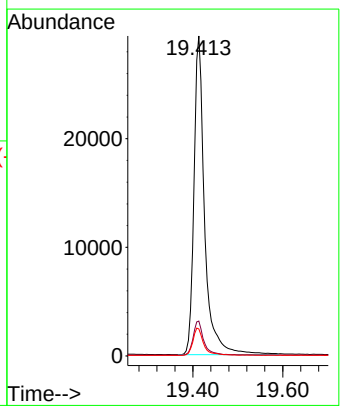


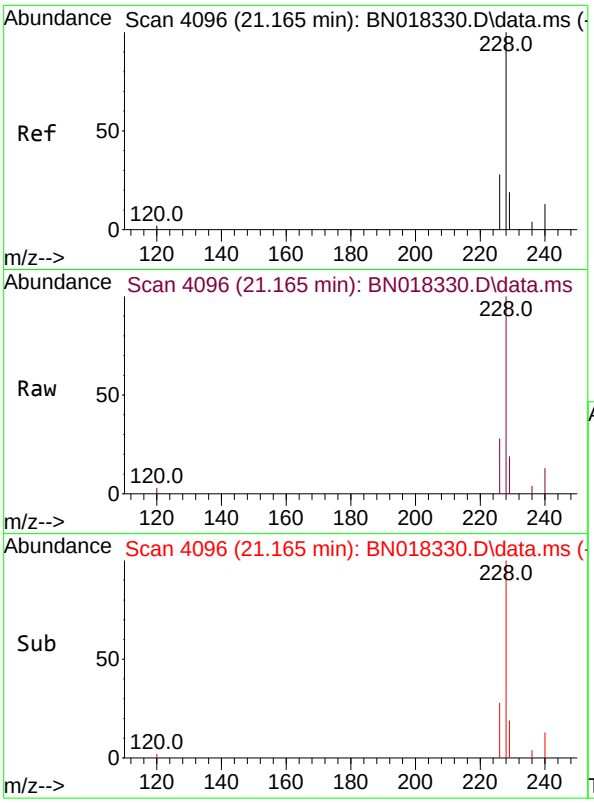


#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.413 min Scan# 3635
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:202 Resp: 48652

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4
100	8.4	7.0	10.4



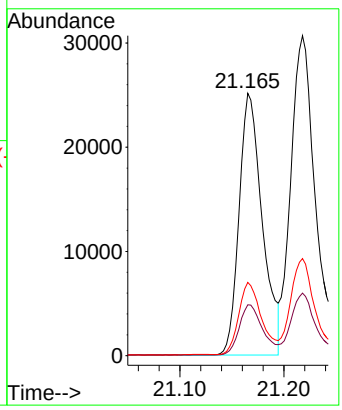


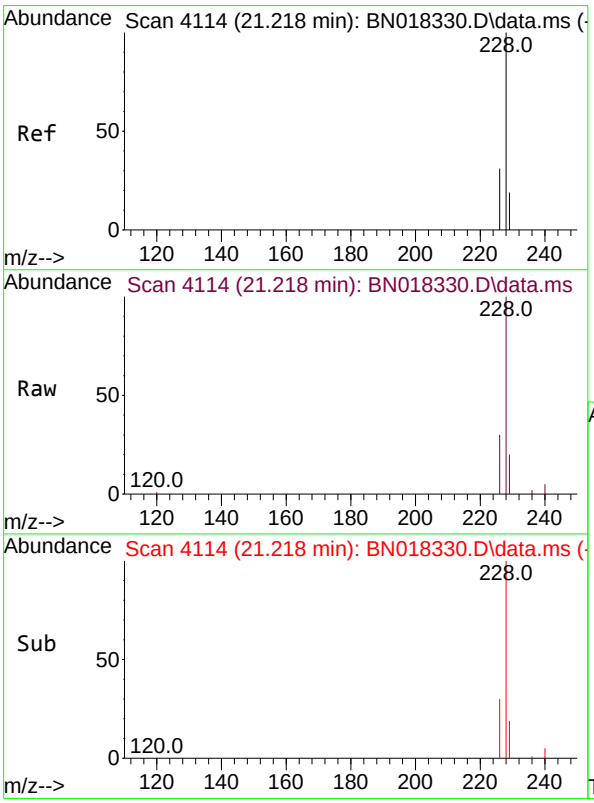
#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.165 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:228 Resp: 38867

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.9	22.1	33.1

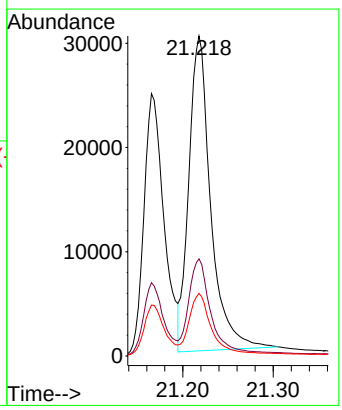


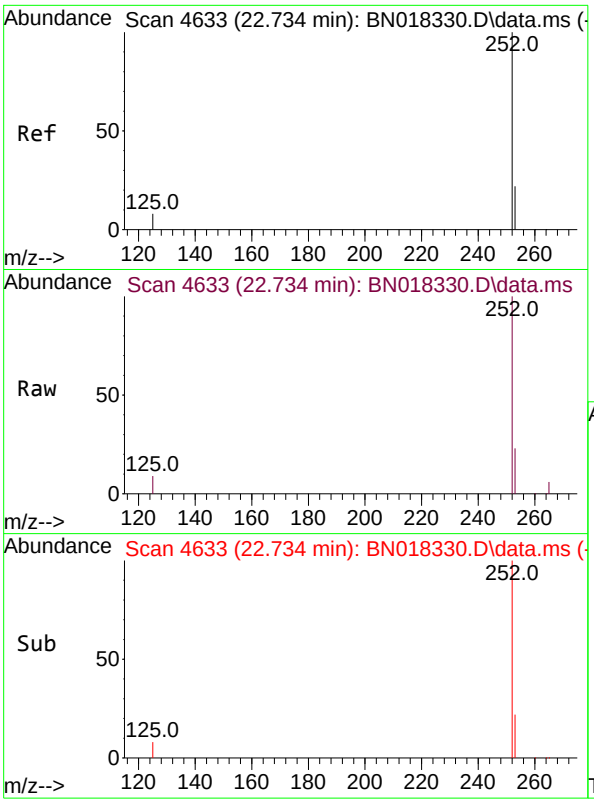


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.218 min Scan# 4114
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:228 Resp: 50720

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.6	15.7	23.5



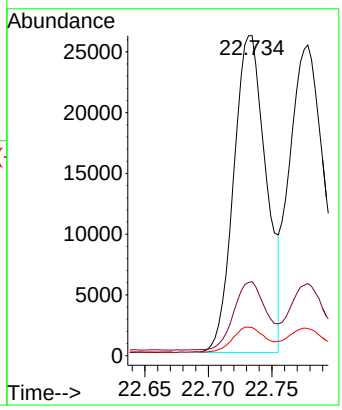


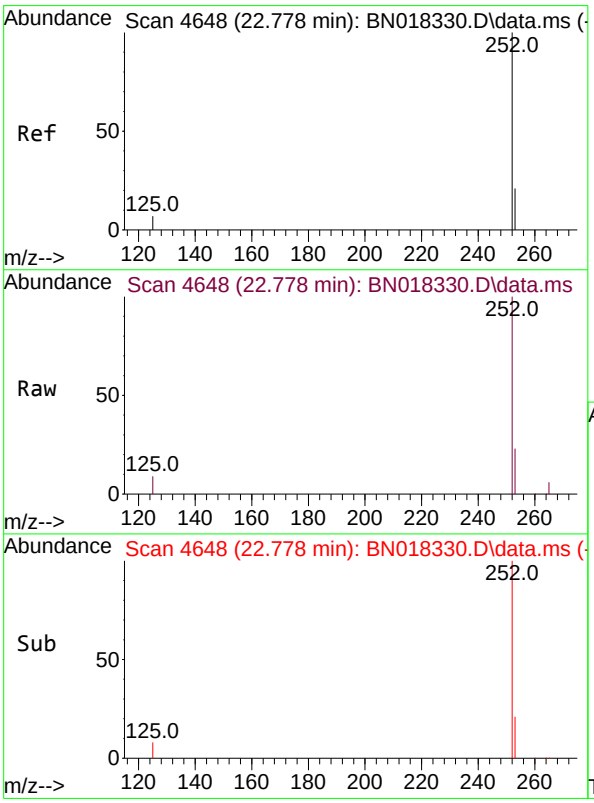
#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 22.734 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:252 Resp: 46365

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	46.4
125	8.8	0.0	17.8

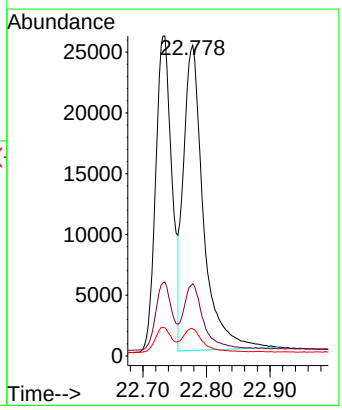


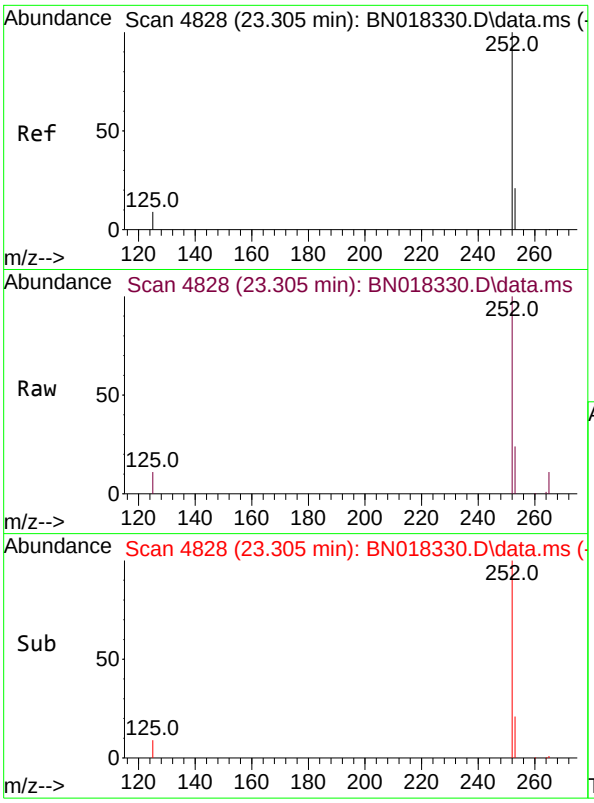


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 22.778 min Scan# 4648
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:252 Resp: 54651

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	8.7	7.3	10.9



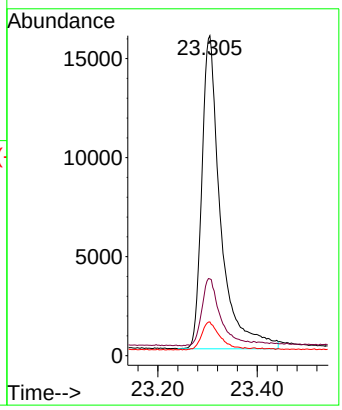


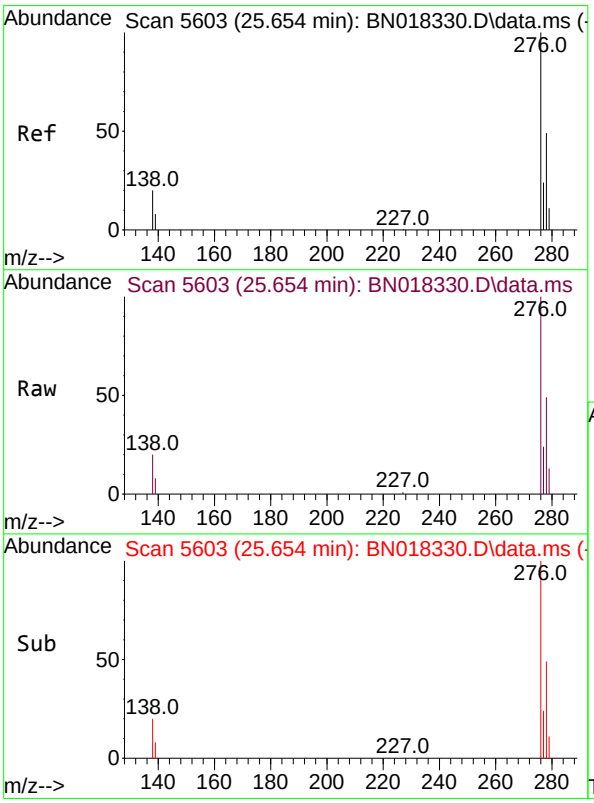
#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.305 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:252 Resp: 41509

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	10.5	8.2	12.2

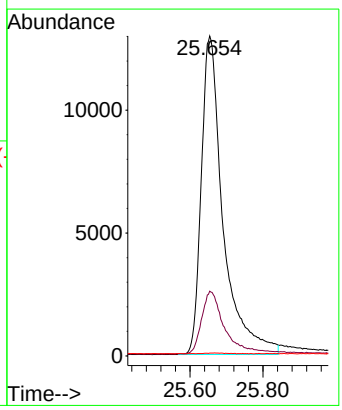


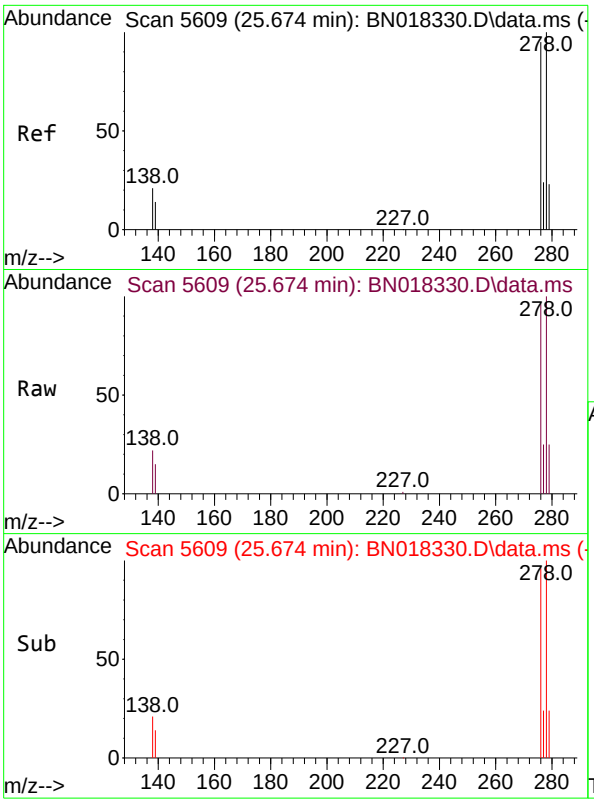


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.654 min Scan# 5603
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:276 Resp: 53828

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
227	0.1	0.1	0.1#



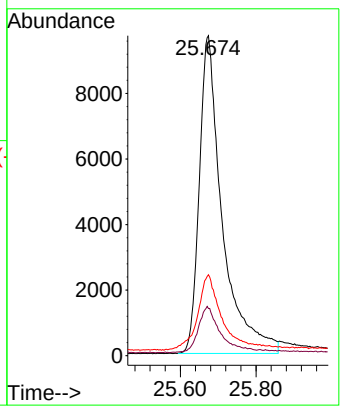


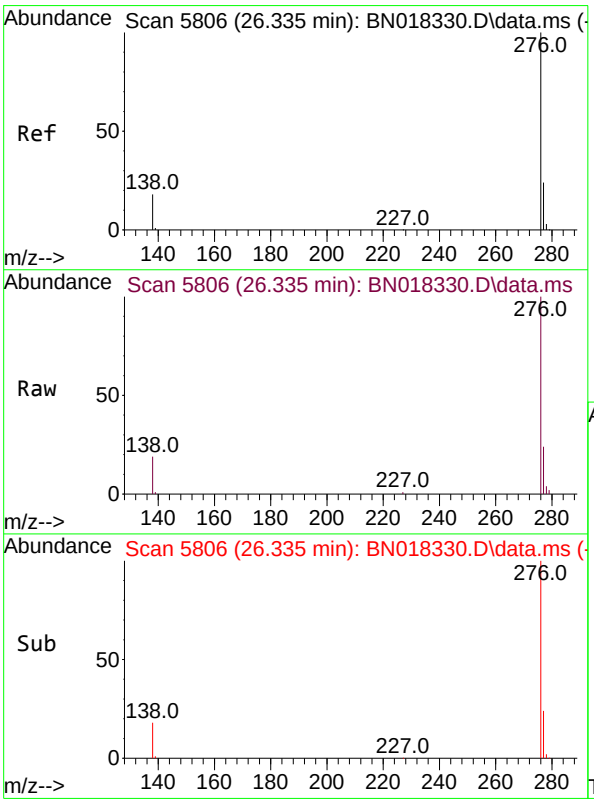
#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 25.674 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4217

Tgt Ion:278 Resp: 40899

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.9	17.9
279	25.3	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.335 min Scan# 5806
Delta R.T. 0.000 min
Lab File: BN018330.D
Acq: 04 Jan 2022 11:19

Tgt Ion:276 Resp: 49212

Ion	Ratio	Lower	Upper
276	100		
138	18.7	14.4	21.6
277	24.1	19.2	28.8