Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016168.D
Acq On : 03 Sep 2021 10:26
Operator : CG/JU
Sample : PB138650BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS650

Quant Time: Sep 03 11:44:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	11645	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	6768	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	13552	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	13807	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	13863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2508	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	7851	0.479	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	18301	0.494	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.344	88	6383	1.837	ng/ul#	86
5) Naphthalene	10.716	128	12683	0.409	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	8876	0.439	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	8339	0.413	ng/ul	99
10) Acenaphthylene	14.220	152	12585	0.492	ng/ul	99
11) Acenaphthene	14.563	153	8987	0.420	ng/ul	99
12) Fluorene	15.553	166	10393	0.424	ng/ul	99
14) Pentachlorophenol	16.905	266	2497	1.137	ng/ul	99
15) Phenanthrene	17.294	178	16668	0.427	ng/ul	99
16) Anthracene	17.382	178	15993	0.474	ng/ul	98
19) Fluoranthene	19.309	202	20018	0.435	ng/ul	99
20) Pyrene	19.672	202	20676	0.444	ng/ul	96
21) Benzo(a)anthracene	21.424	228	21343	0.505	ng/ul	99
22) Chrysene	21.476	228	21483	0.450	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	21998	0.422	ng/ul	98
25) Benzo(k)fluoranthene	23.151	252	22434	0.428	ng/ul	99
26) Benzo(a)pyrene	23.727	252	19826	0.448	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.313	276	25416	0.445	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.329	278	21157	0.449	ng/ul	100
29) Benzo(g,h,i)perylene	27.074	276	21447	0.432	ng/ul	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
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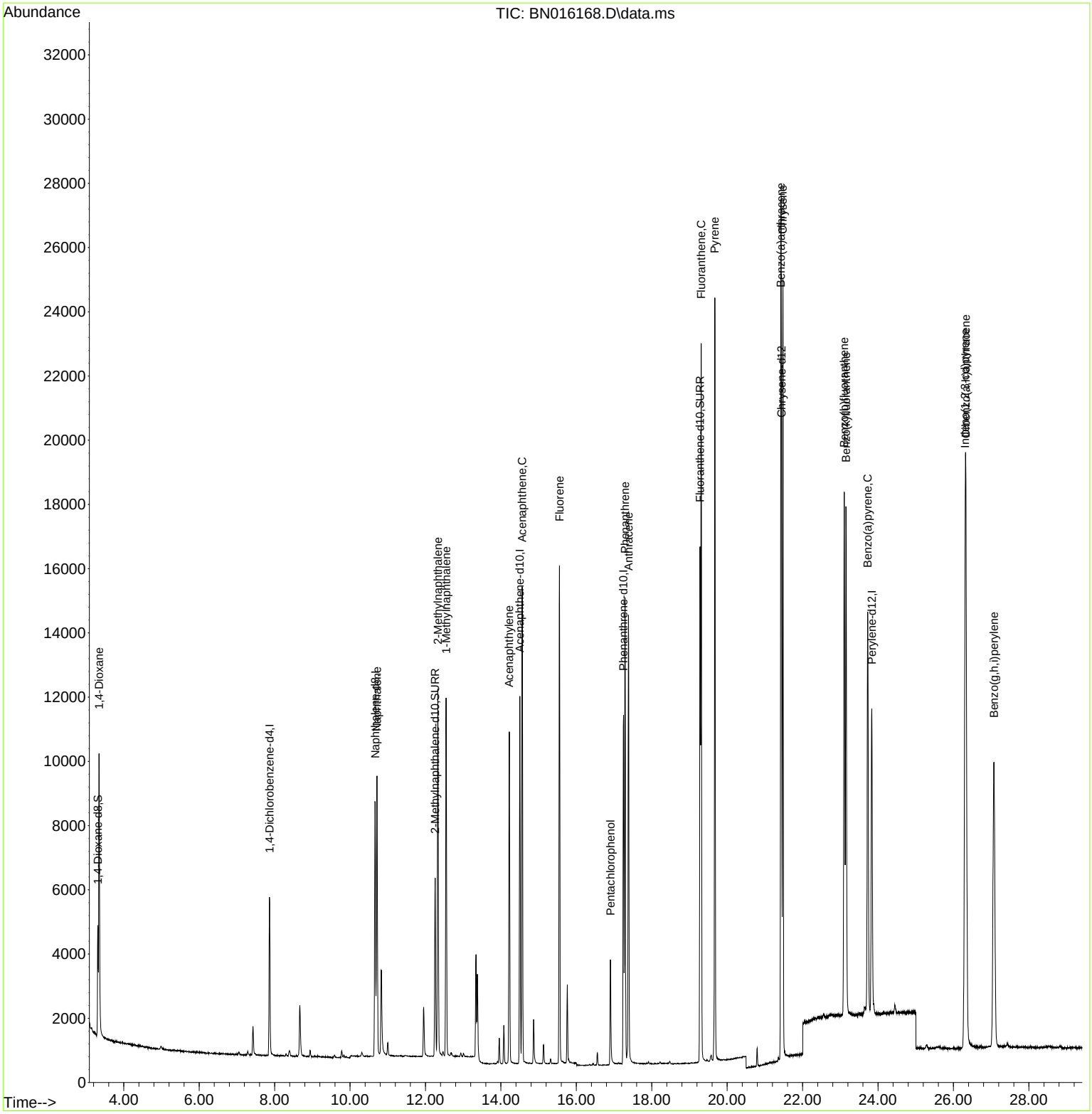

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BNA_N
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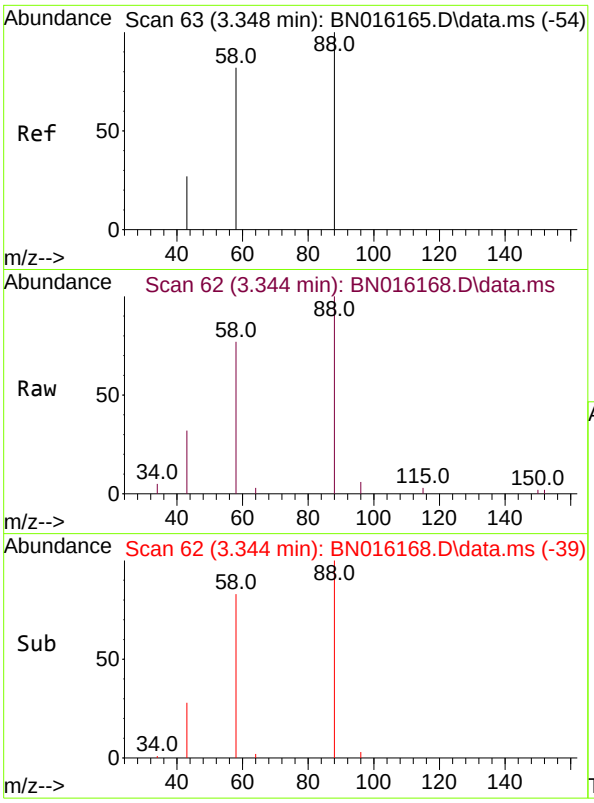
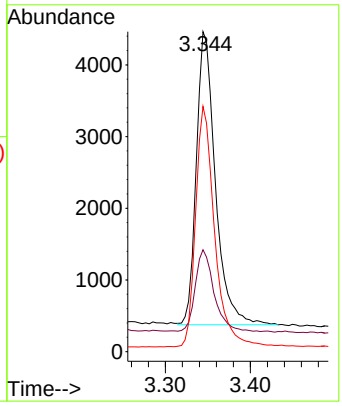
SLCS650

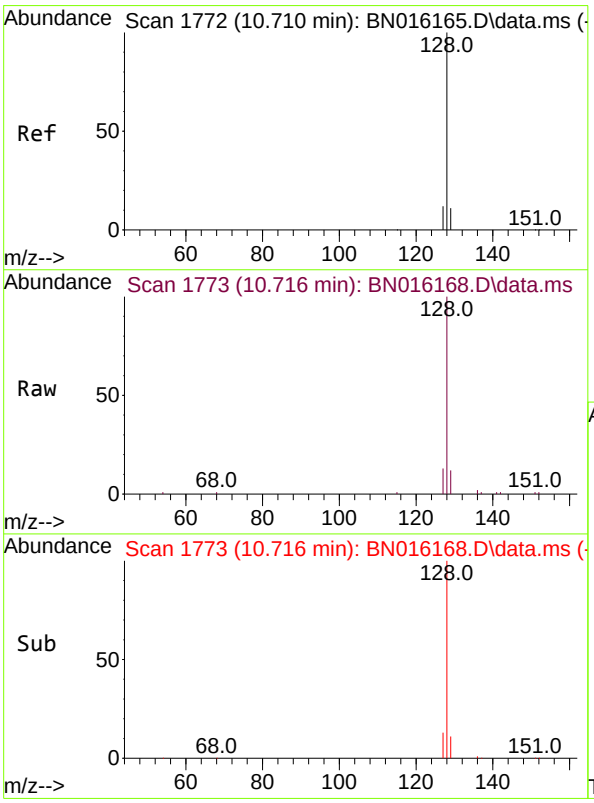


#2
1,4-Dioxane
Concen: 1.837 ng/ul
RT: 3.344 min Scan# 62
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion: 88 Resp: 6383

Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.9	41.9
58	76.7	50.0	75.0#

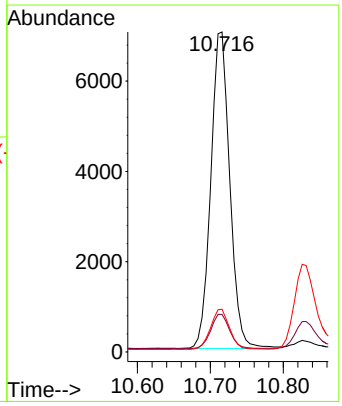


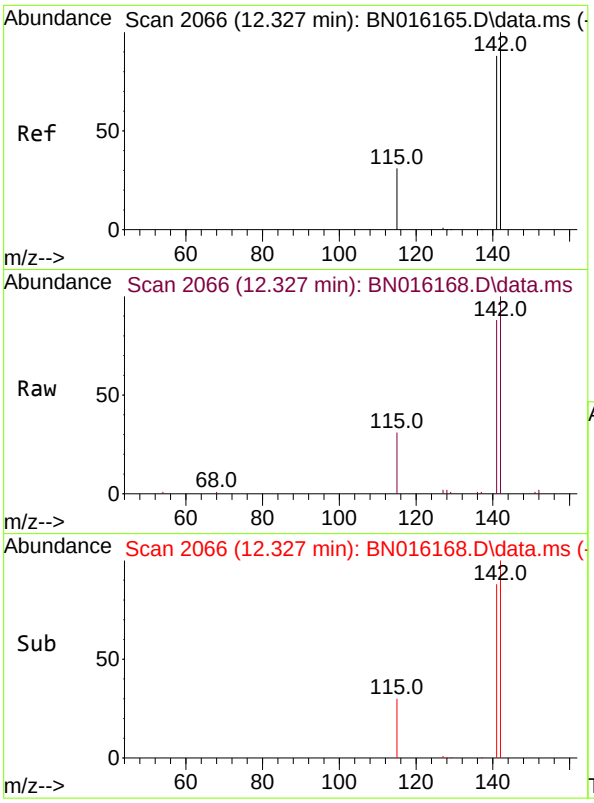


#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:128 Resp: 12683

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.4	10.6	15.8

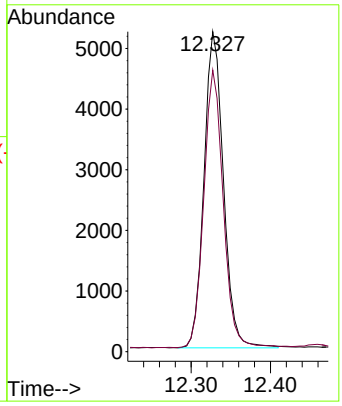




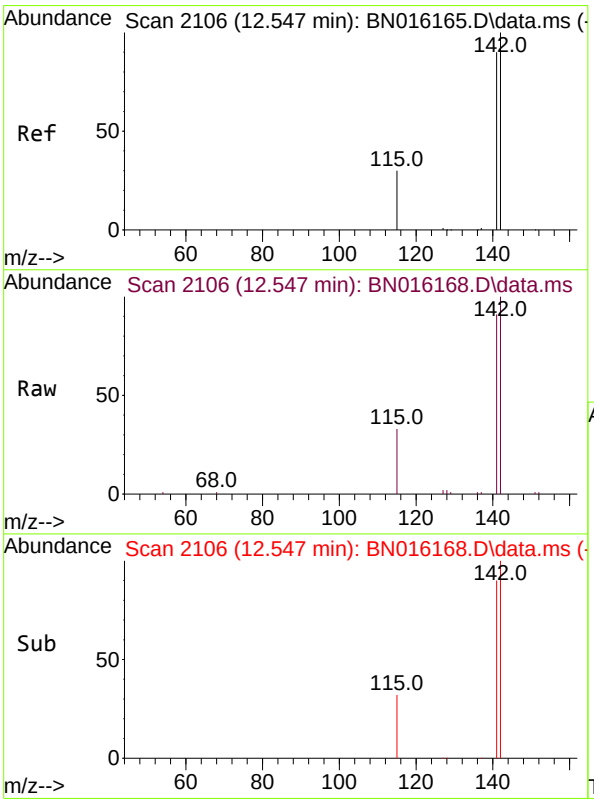
#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:142 Resp: 8876

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.5	104.3



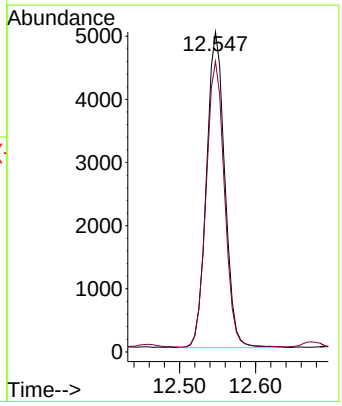
Instrument :
BNA_N
ClientSampleId :
SLCS650



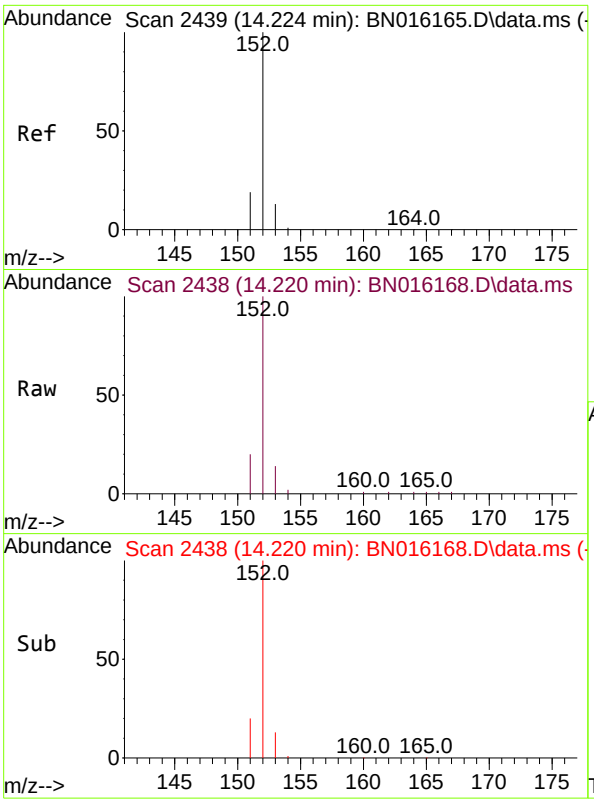
#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:142 Resp: 8339

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.4



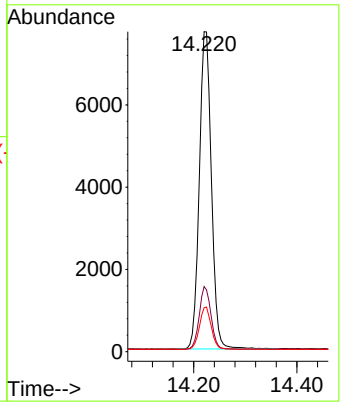
Instrument :
BNA_N
ClientSampleId :
SLCS650

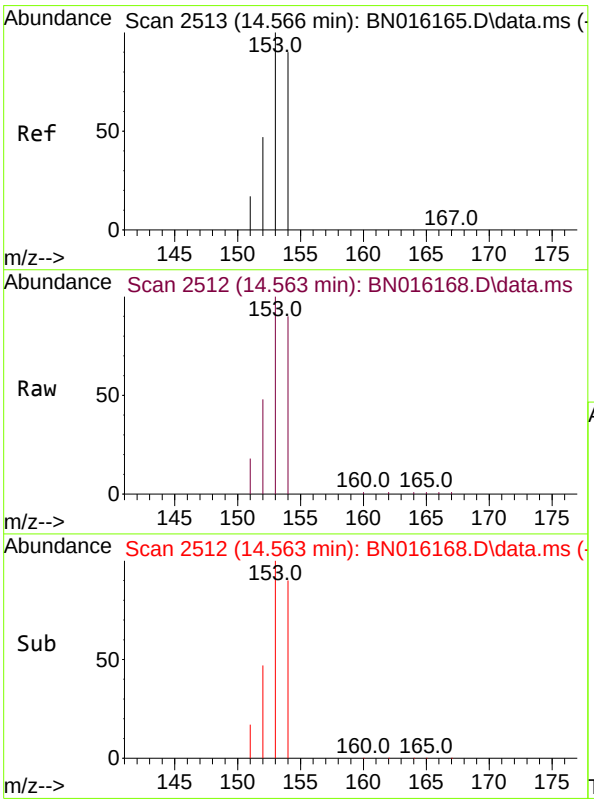


#10
Acenaphthylene
Concen: 0.492 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:152 Resp: 12585

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.8	11.2	16.8

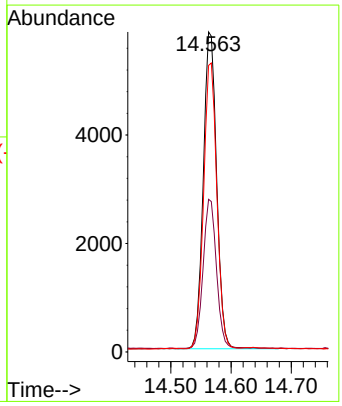




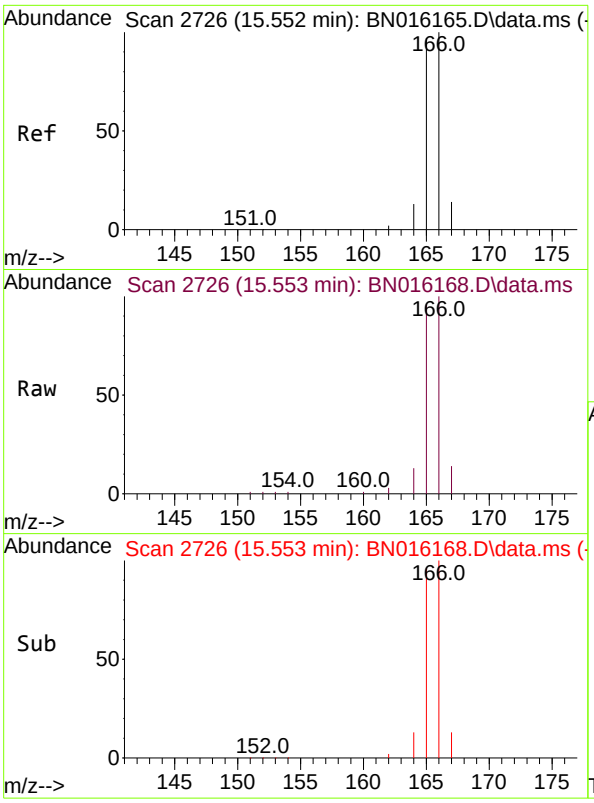
#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.563 min Scan# 2512
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:153 Resp: 8987

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.5	57.7
154	89.5	71.3	106.9



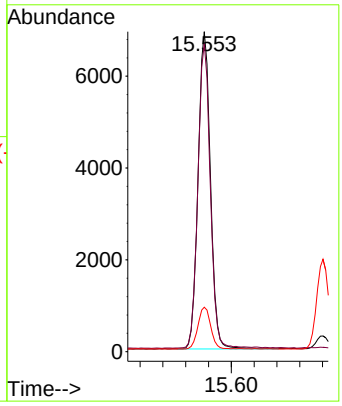
Instrument :
BNA_N
ClientSampleId :
SLCS650

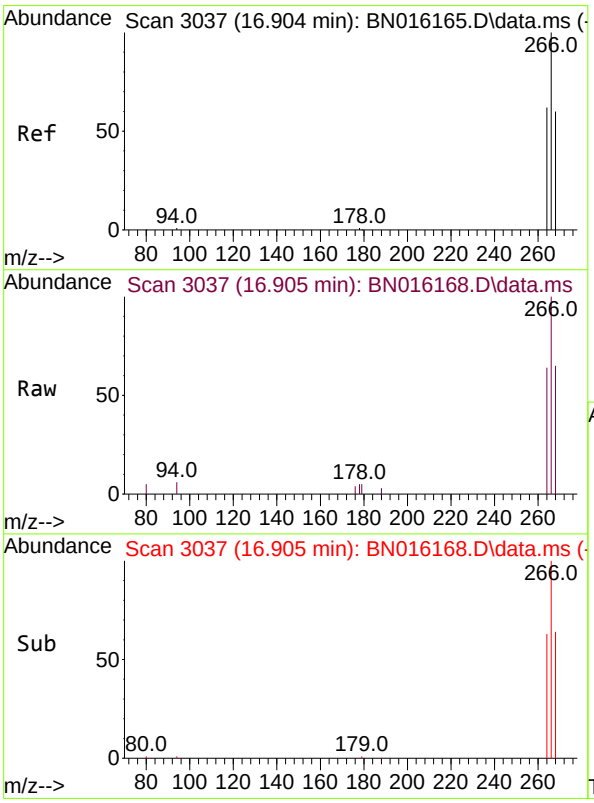


#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.553 min Scan# 2726
Delta R.T. 0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:166 Resp: 10393

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.9	116.9
167	13.9	11.8	17.8

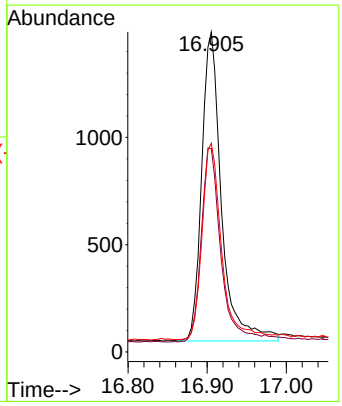




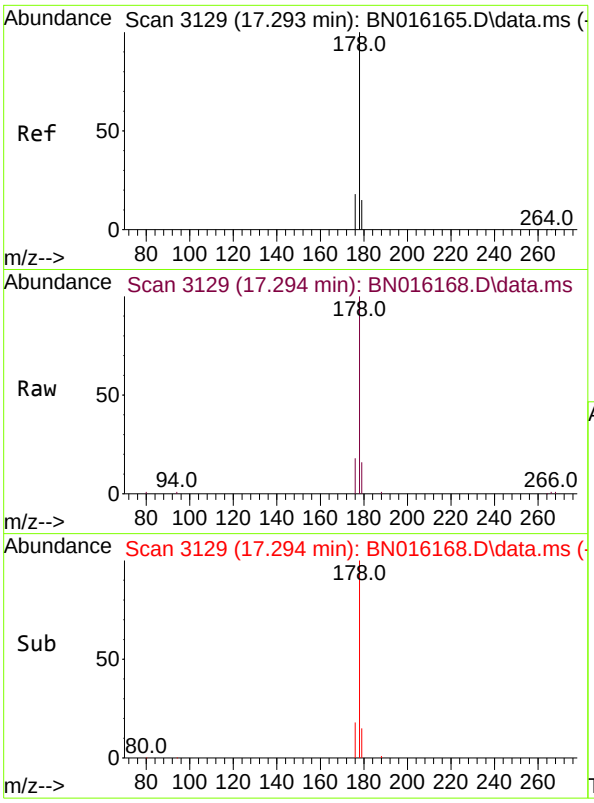
#14
Pentachlorophenol
Concen: 1.137 ng/ul
RT: 16.905 min Scan# 3037
Delta R.T. 0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:266 Resp: 2497

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.3	75.5
268	63.2	51.4	77.2



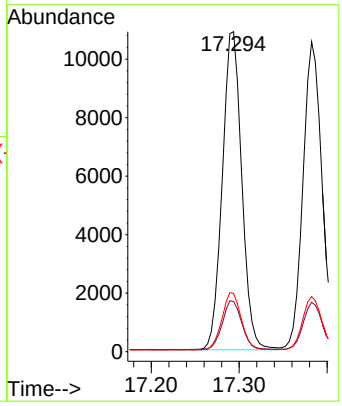
Instrument :
BNA_N
ClientSampleId :
SLCS650

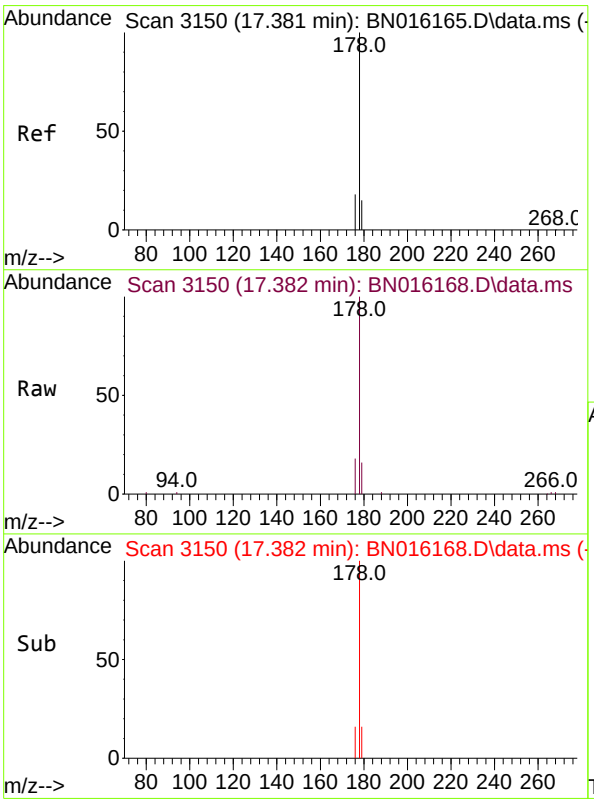


#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.294 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:178 Resp: 16668

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.2	15.2	22.8

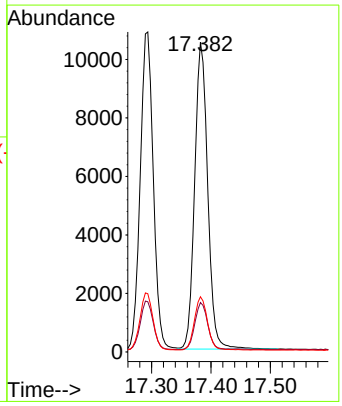




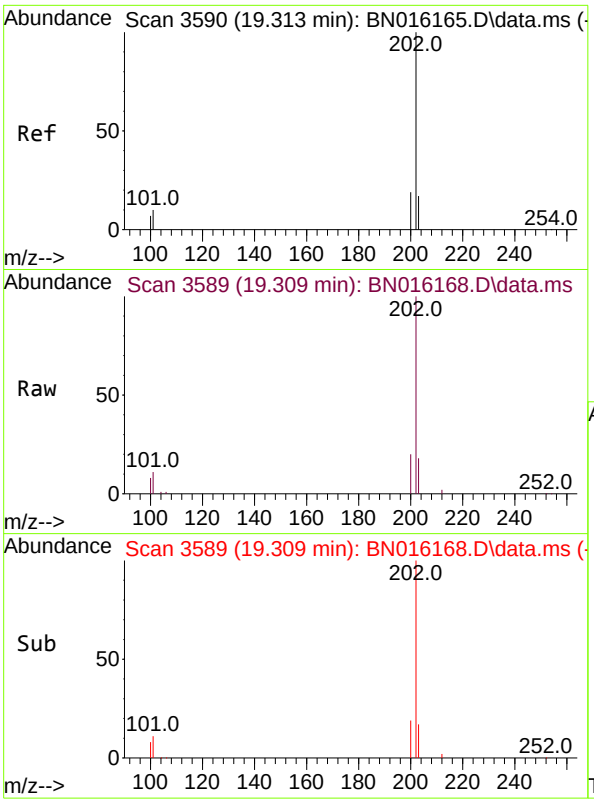
#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.382 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:178 Resp: 15993

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.3	19.9
176	17.8	14.9	22.3



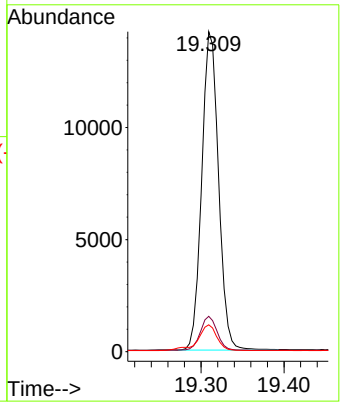
Instrument :
BNA_N
ClientSampleId :
SLCS650

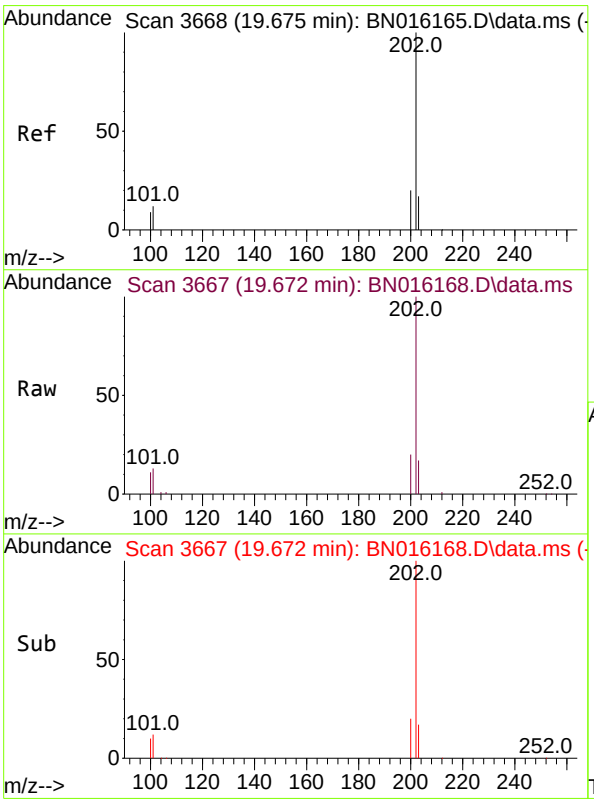


#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.309 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:202 Resp: 20018

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	8.4	6.7	10.1

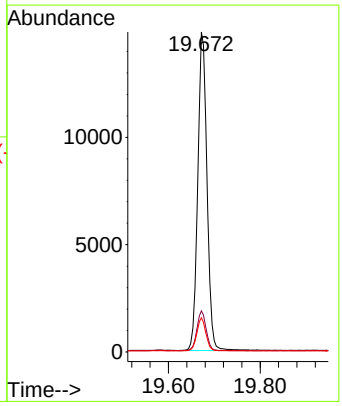




#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.672 min Scan# 3667
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:202 Resp: 20676

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.5	17.3
100	10.7	9.8	14.8



Instrument :
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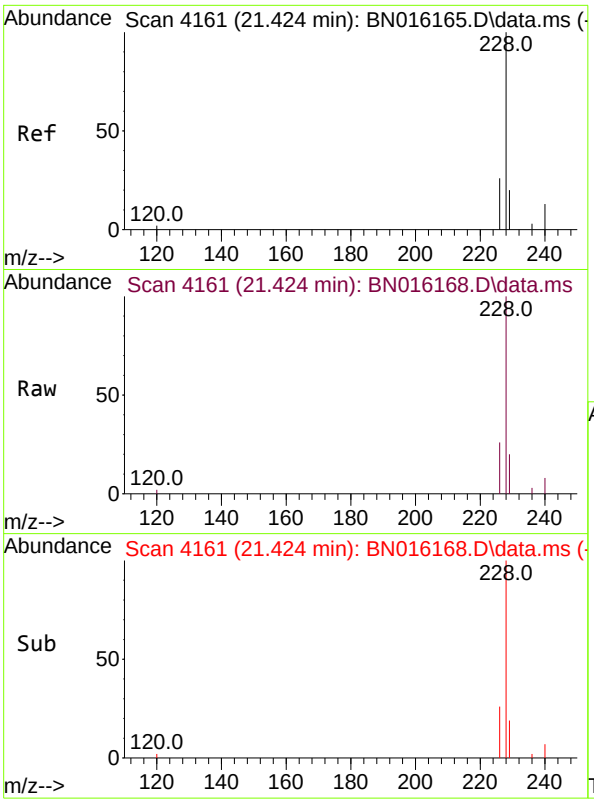
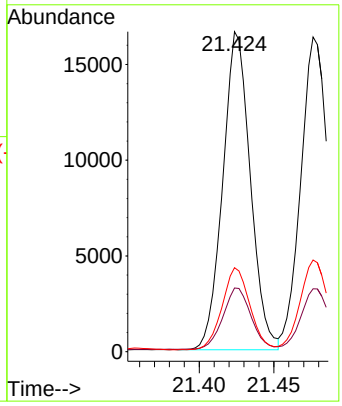
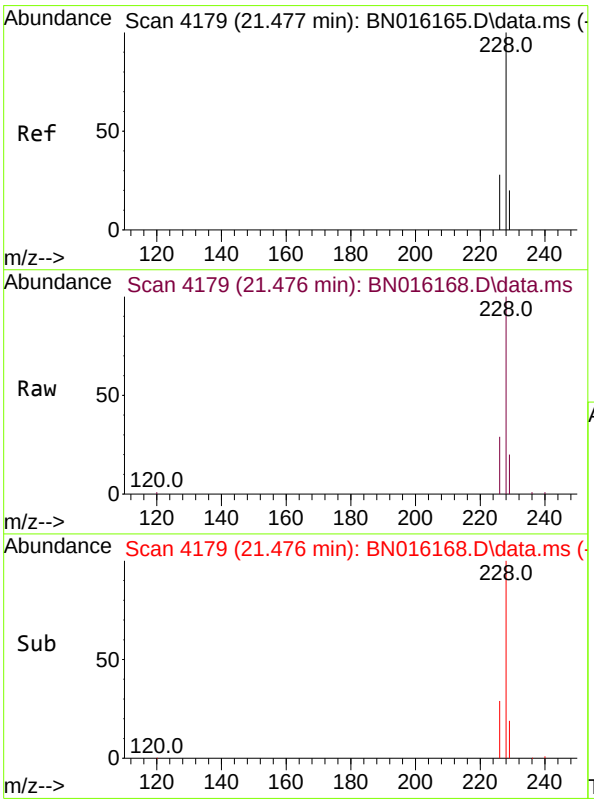


#21
Benzo(a)anthracene
Concen: 0.505 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:228 Resp: 21343

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	26.3	20.8	31.2

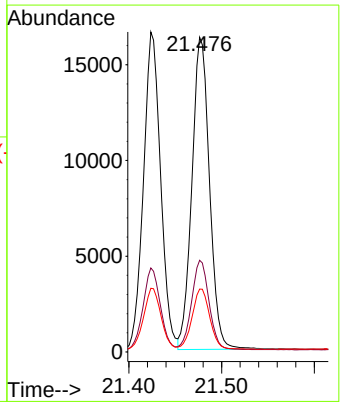




#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.476 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:228 Resp: 21483

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.2	34.8
229	20.0	15.6	23.4



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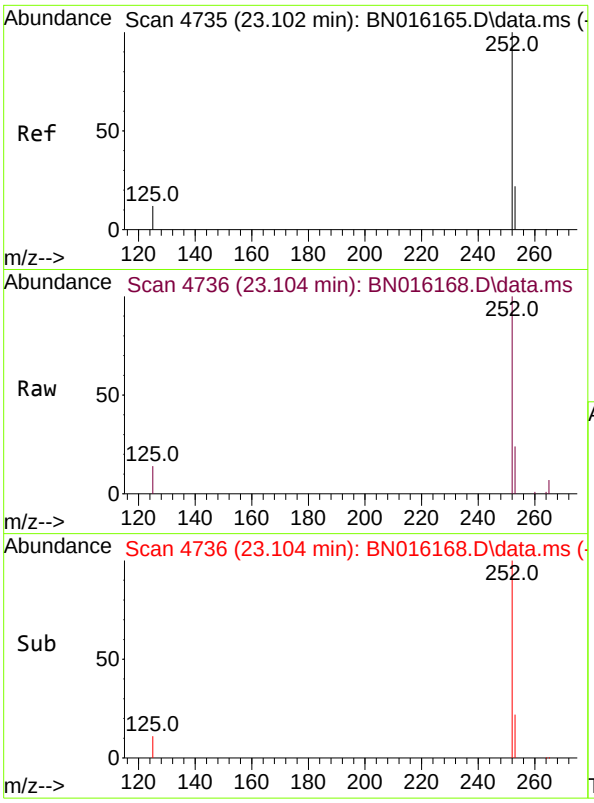
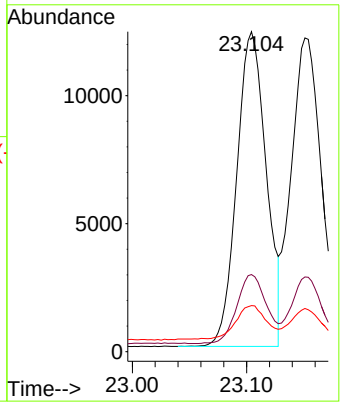
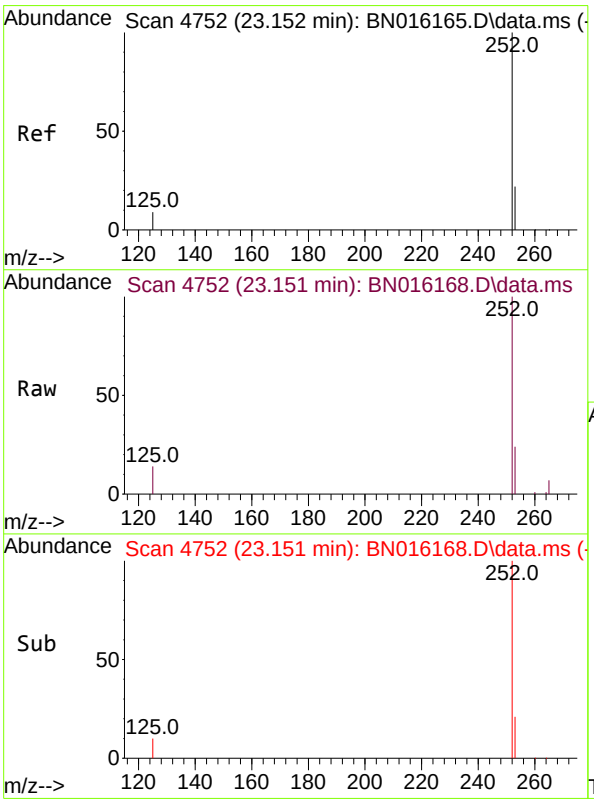


#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:252 Resp: 21998

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	49.4
125	14.4	0.0	27.0

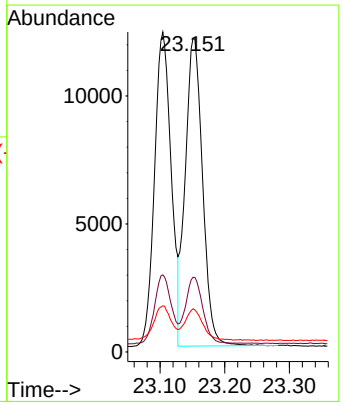




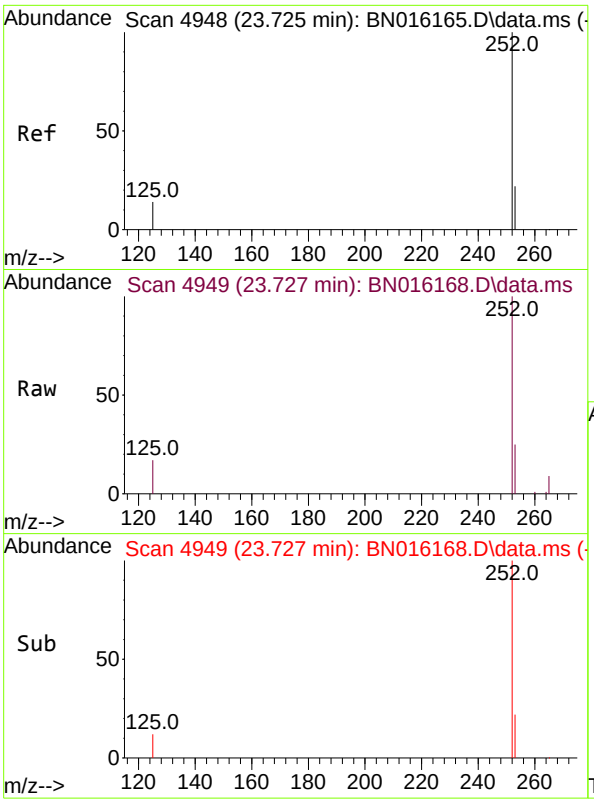
#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:252 Resp: 22434

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.0
125	13.8	10.9	16.3



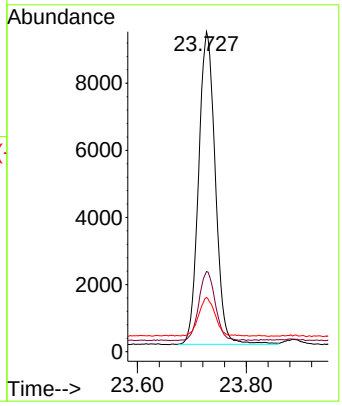
Instrument :
BNA_N
ClientSampleId :
SLCS650

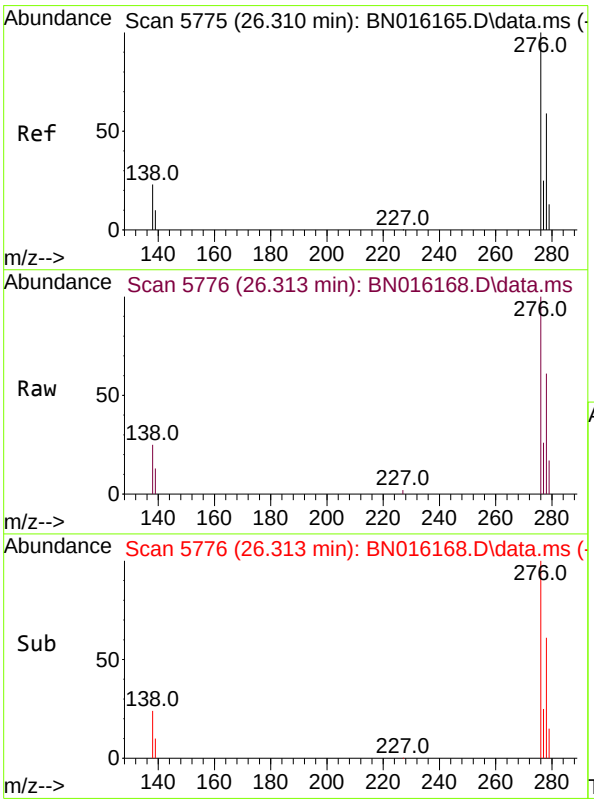


#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:252 Resp: 19826

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.2
125	17.0	12.6	18.8

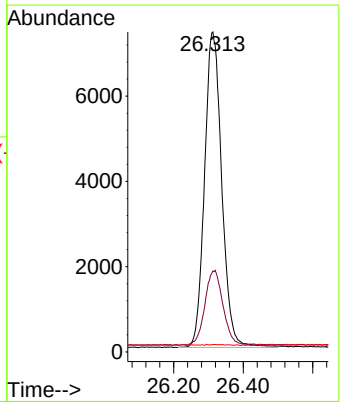




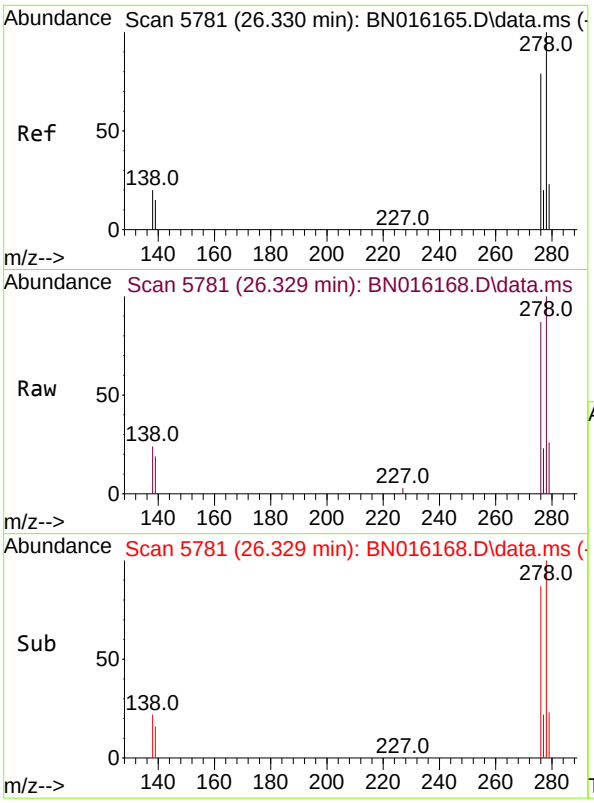
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 26.313 min Scan# 5776
Delta R.T. -0.004 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:276 Resp: 25416

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.7	34.1
227	0.1	0.2	0.2#



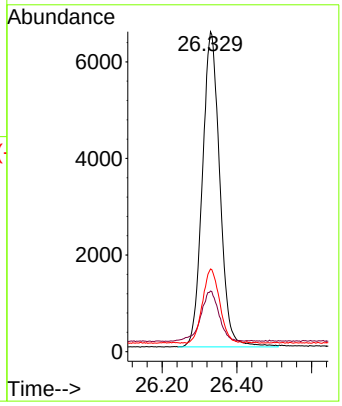
Instrument :
BNA_N
ClientSampleId :
SLCS650

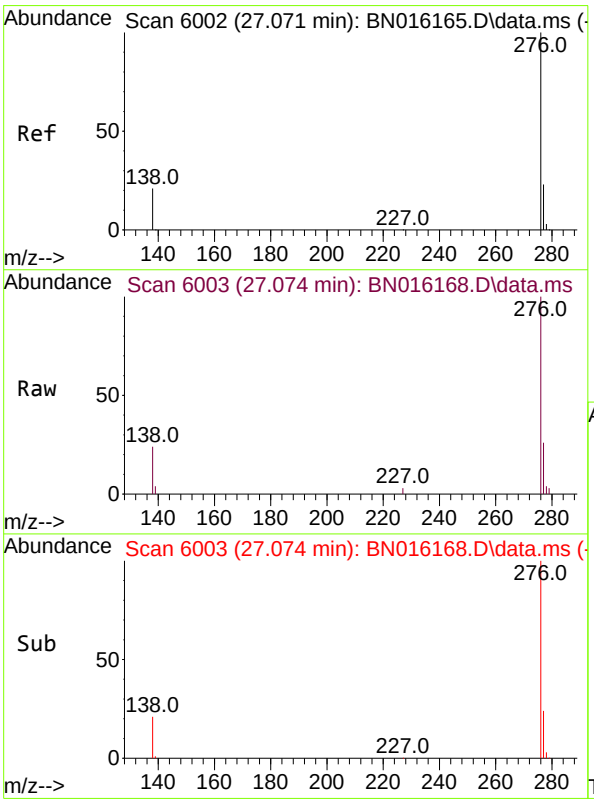


#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:278 Resp: 21157

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.1	22.7
279	25.8	20.5	30.7





#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 27.074 min Scan# 6003
Delta R.T. -0.001 min
Lab File: BN016168.D
Acq: 03 Sep 2021 10:26

Tgt Ion:276 Resp: 21447

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.3	28.9
277	25.7	19.8	29.8