Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016169.D
Acq On : 03 Sep 2021 11:02
Operator : CG/JU
Sample : PB138652BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS652

Quant Time: Sep 03 11:45:02 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	7.867	152	2655	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	10878	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	6201	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	12349	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	13181	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	13320	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	2262	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	7034	0.459	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	16865	0.477	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	5885	1.743	ng/ul#	87
5) Naphthalene	10.716	128	11993	0.414	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	8259	0.437	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	7651	0.406	ng/ul	99
10) Acenaphthylene	14.224	152	11402	0.486	ng/ul	99
11) Acenaphthene	14.566	153	8200	0.418	ng/ul	99
12) Fluorene	15.551	166	9318	0.415	ng/ul	99
14) Pentachlorophenol	16.904	266	2257	1.128	ng/ul	99
15) Phenanthrene	17.292	178	15011	0.422	ng/ul	99
16) Anthracene	17.381	178	14323	0.466	ng/ul	98
19) Fluoranthene	19.313	202	18841	0.429	ng/ul	98
20) Pyrene	19.675	202	19736	0.444	ng/ul	95
21) Benzo(a)anthracene	21.424	228	21052	0.522	ng/ul	100
22) Chrysene	21.477	228	21539	0.473	ng/ul	99
24) Benzo(b)fluoranthene	23.105	252	22252	0.444	ng/ul	99
25) Benzo(k)fluoranthene	23.151	252	22390	0.444	ng/ul	99
26) Benzo(a)pyrene	23.727	252	19890	0.468	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.313	276	25475	0.464	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.330	278	21154	0.467	ng/ul	99
29) Benzo(g,h,i)perylene	27.071	276	21544	0.452	ng/ul	98

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

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Instrument :
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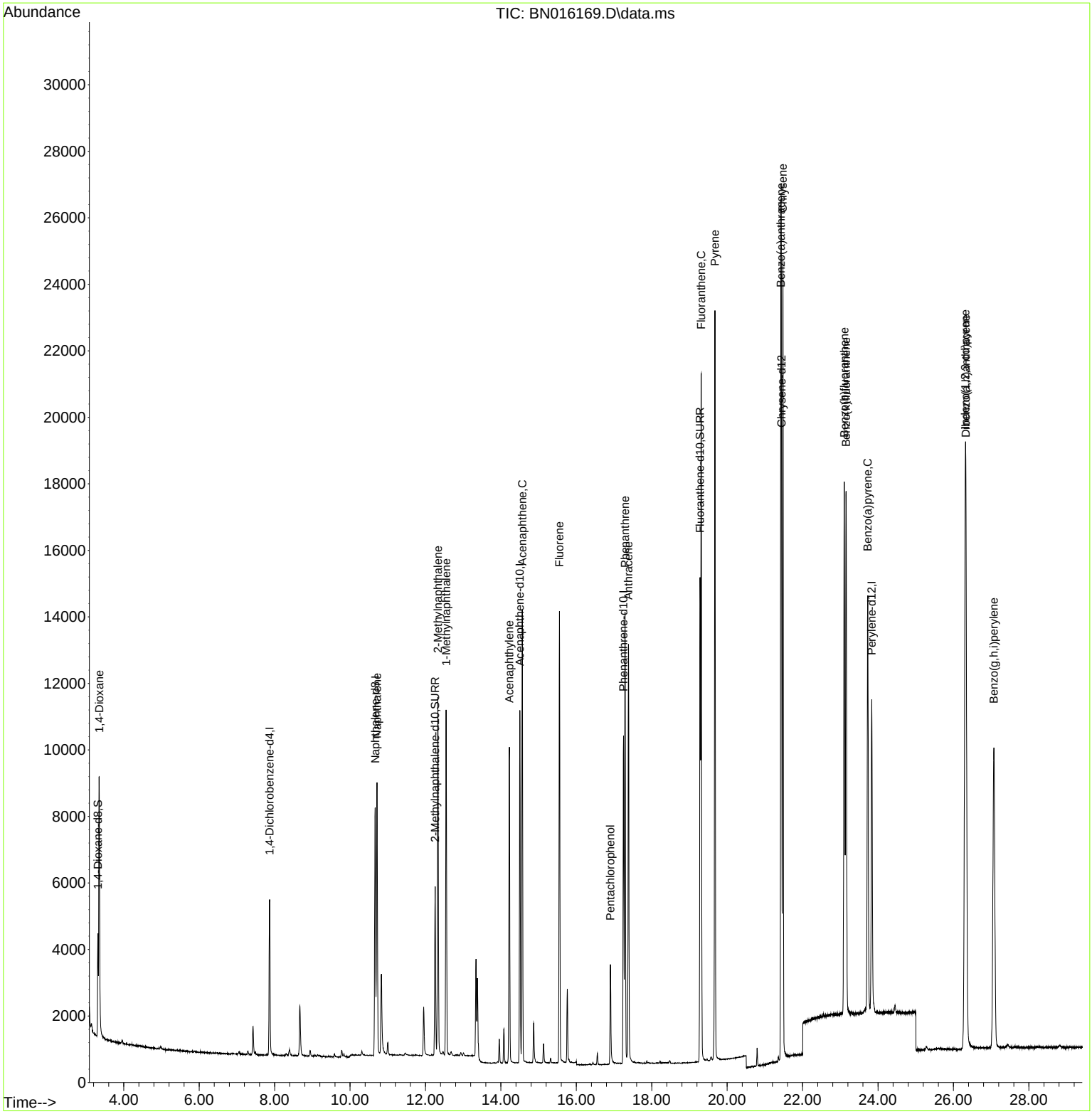
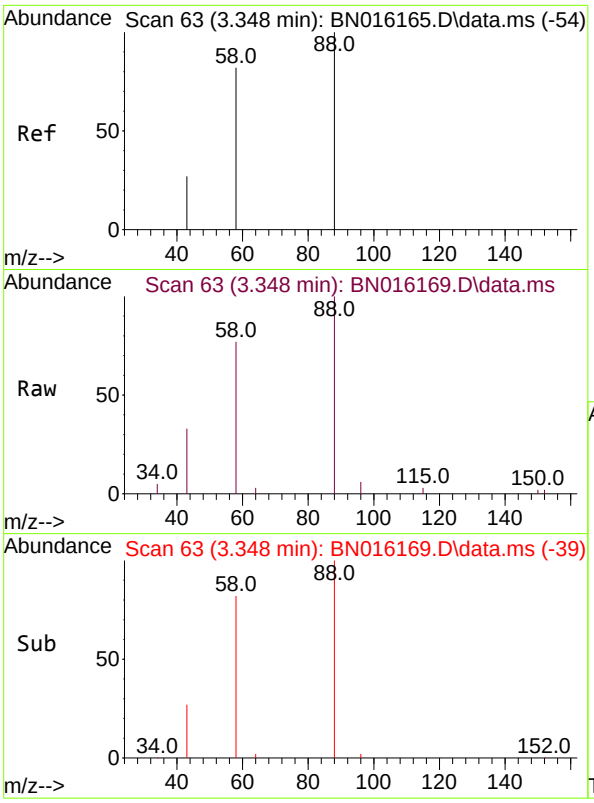
Quant Time: Sep 03 11:45:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration



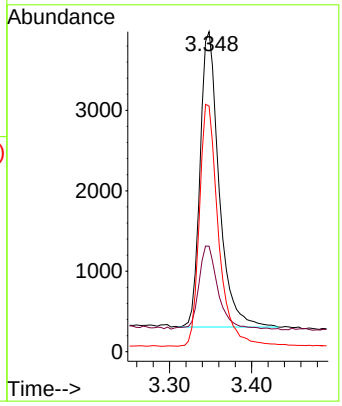
Instrument :
BNA_N
ClientSampleId :
SLCS652

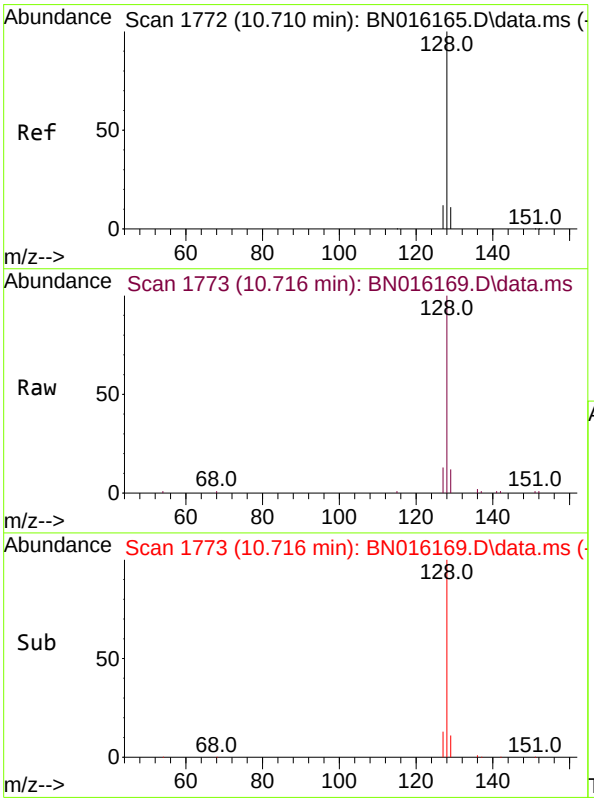


#2
1,4-Dioxane
Concen: 1.743 ng/ul
RT: 3.348 min Scan# 63
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion: 88 Resp: 5885

Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.9	41.9
58	76.7	50.0	75.0#

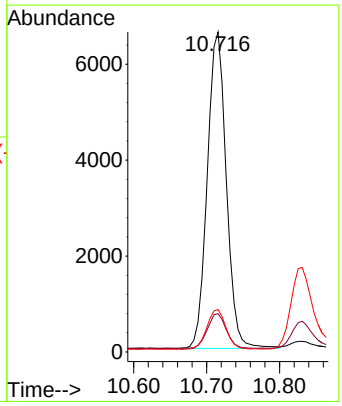




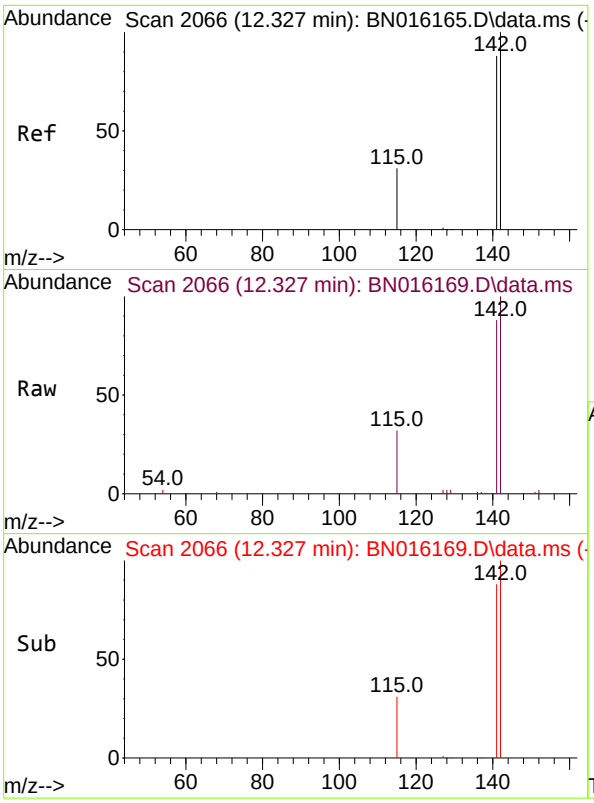
#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:128 Resp: 11993

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	13.3	10.6	15.8



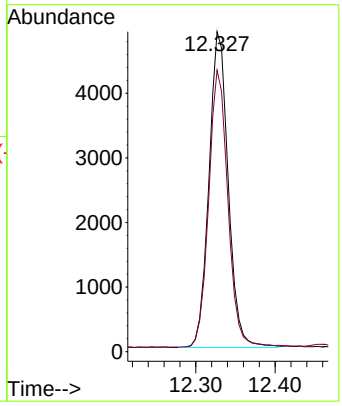
Instrument :
BNA_N
ClientSampleId :
SLCS652

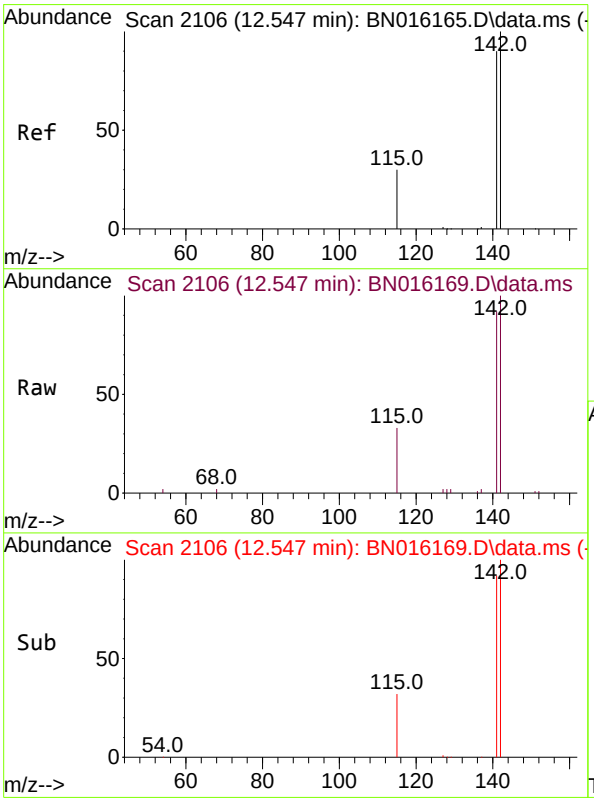


#7
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:142 Resp: 8259

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.5	104.3

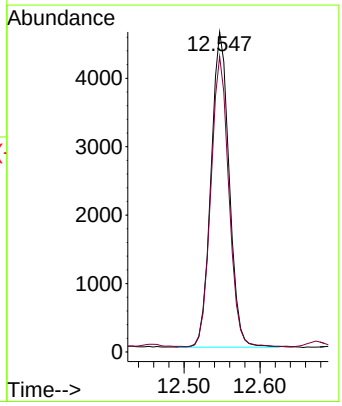




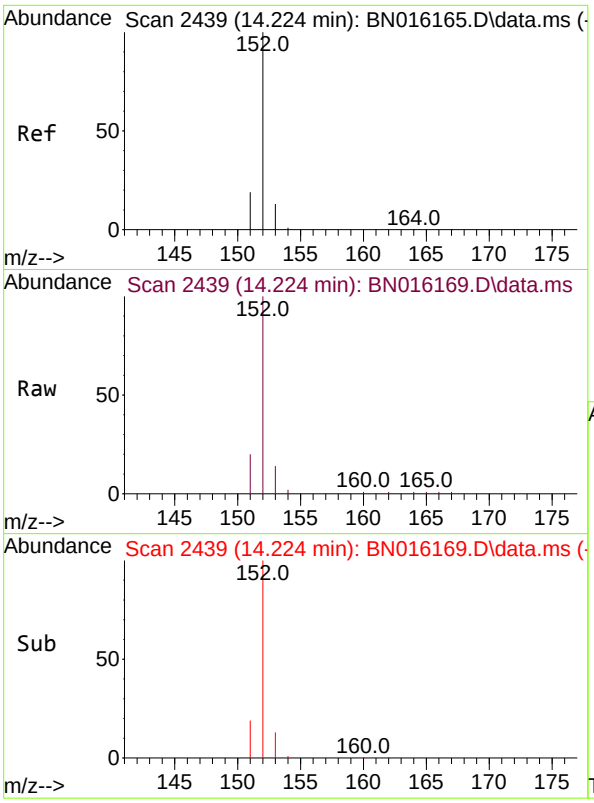
#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:142 Resp: 7651

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.4



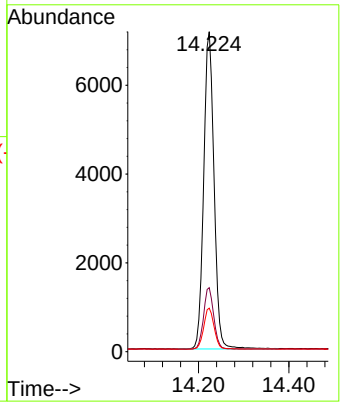
Instrument :
BNA_N
ClientSampleId :
SLCS652

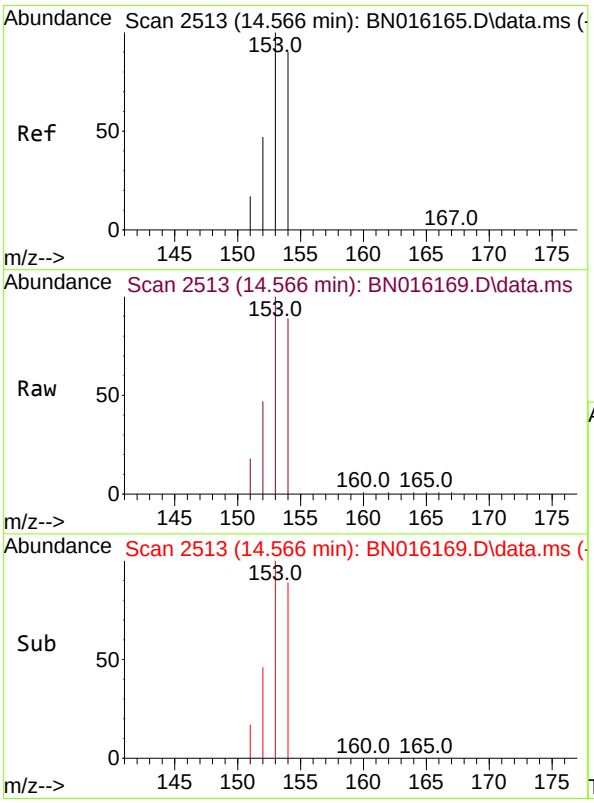


#10
Acenaphthylene
Concen: 0.486 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:152 Resp: 11402

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.6	11.2	16.8

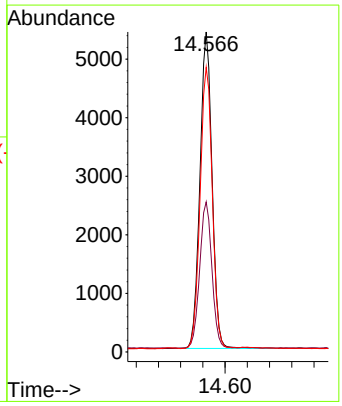




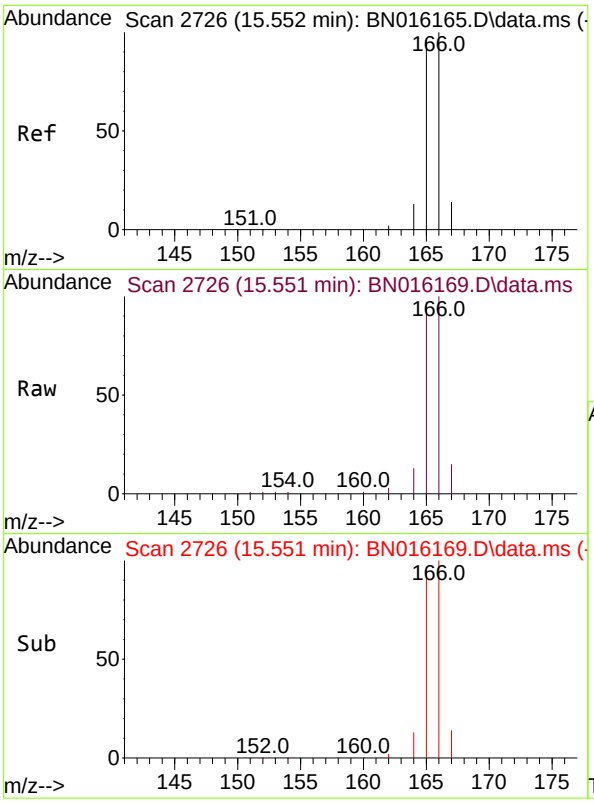
#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:153 Resp: 8200

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.5	57.7
154	88.9	71.3	106.9



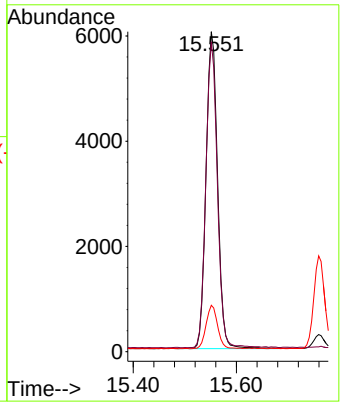
Instrument :
BNA_N
ClientSampleId :
SLCS652

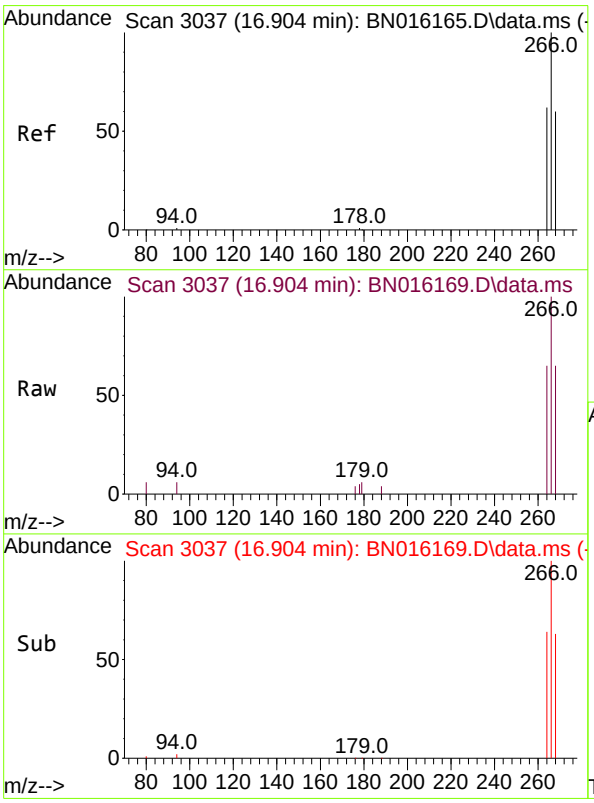


#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.551 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:166 Resp: 9318

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.9	116.9
167	14.5	11.8	17.8

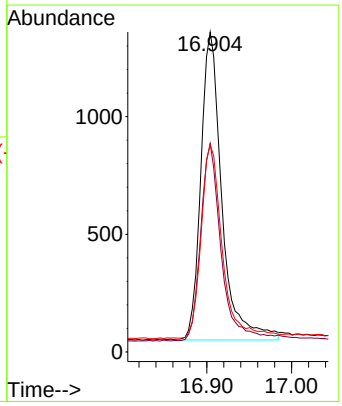


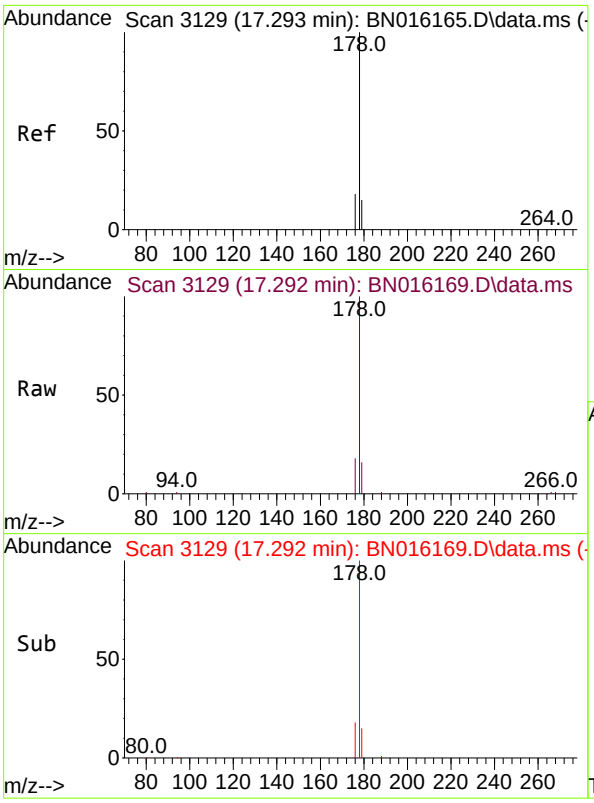


#14
Pentachlorophenol
Concen: 1.128 ng/ul
RT: 16.904 min Scan# 3037
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:266 Resp: 2257

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	63.6	51.4	77.2

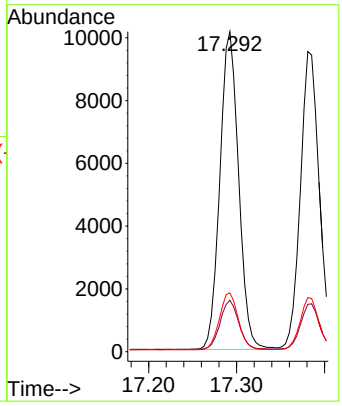




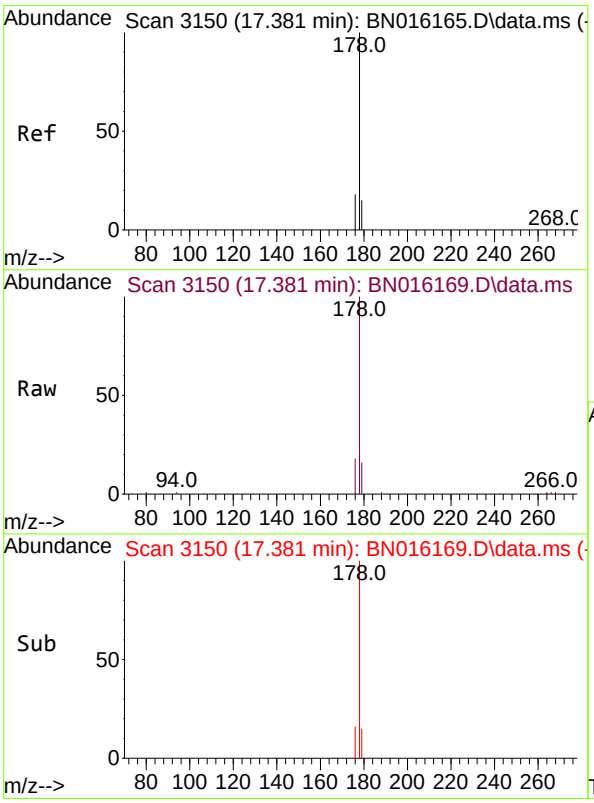
#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.292 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:178 Resp: 15011

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	18.4	15.2	22.8



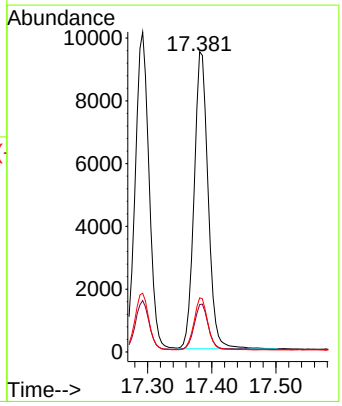
Instrument :
BNA_N
ClientSampleId :
SLCS652



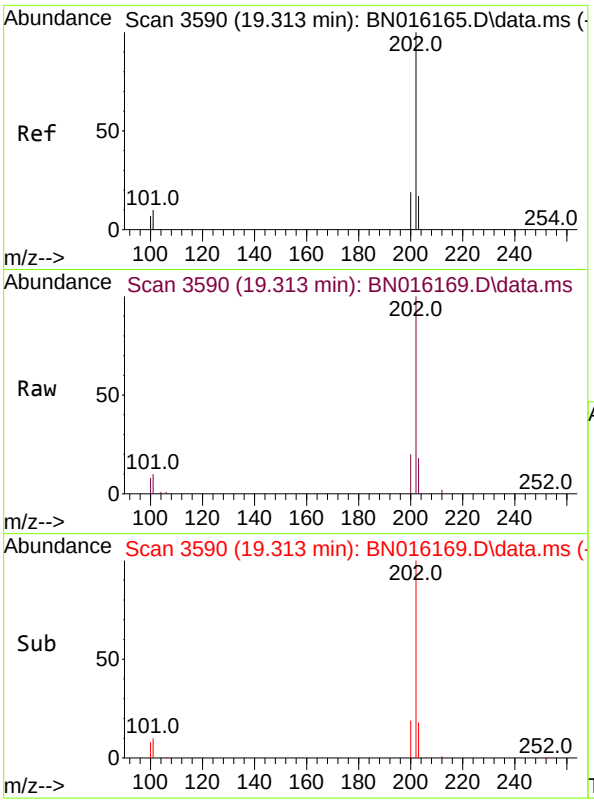
#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:178 Resp: 14323

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.3	19.9
176	18.0	14.9	22.3



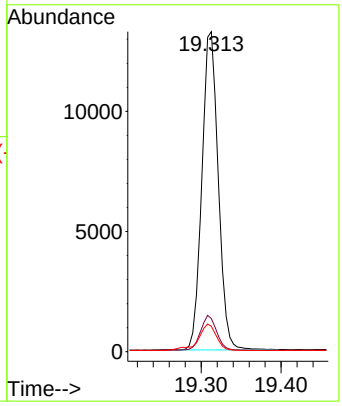
Instrument :
BNA_N
ClientSampleId :
SLCS652

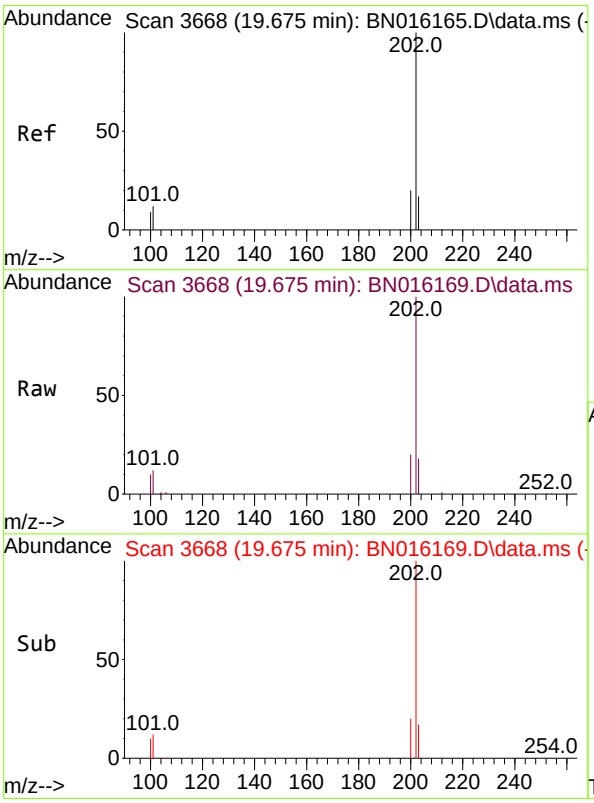


#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.313 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:202 Resp: 18841

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.2	13.8
100	7.9	6.7	10.1

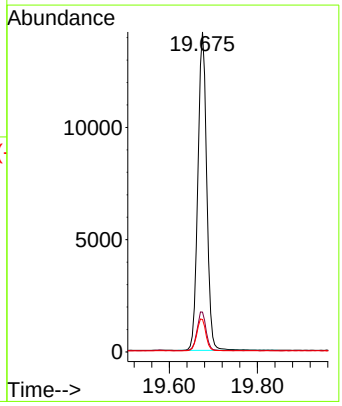




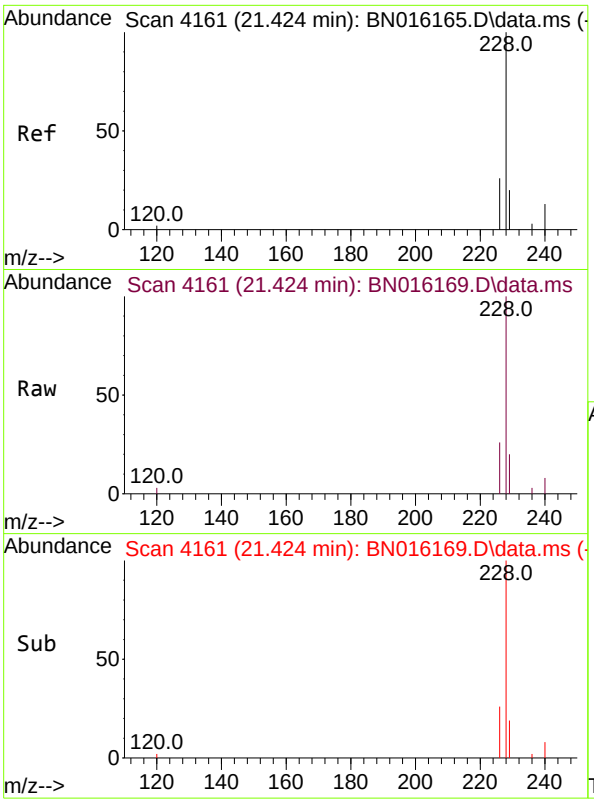
#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.675 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:202 Resp: 19736

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.5	17.3
100	10.2	9.8	14.8



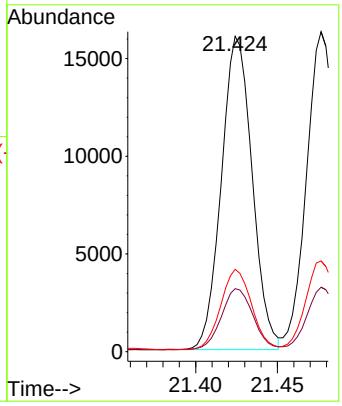
Instrument :
BNA_N
ClientSampleId :
SLCS652

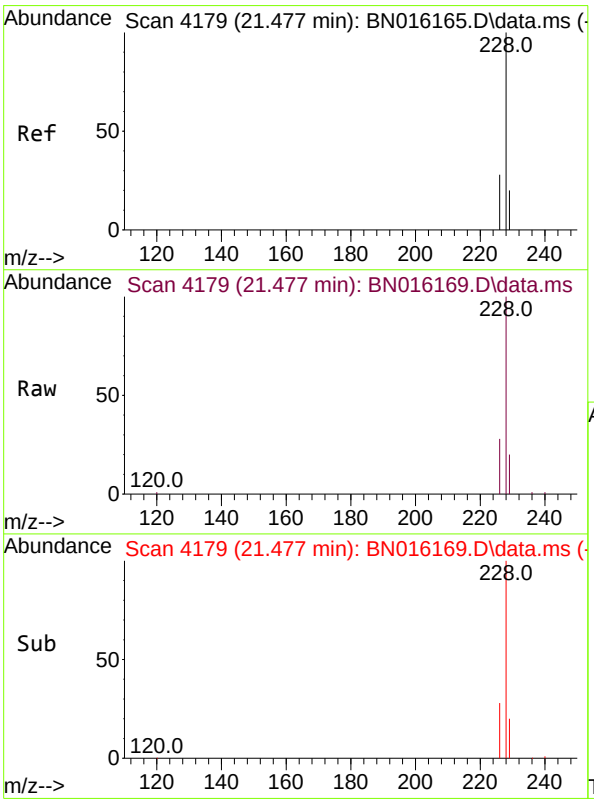


#21
Benzo(a)anthracene
Concen: 0.522 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:228 Resp: 21052

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	26.1	20.8	31.2

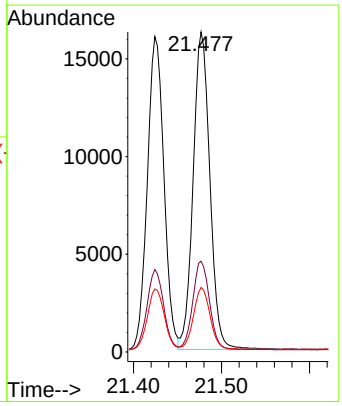




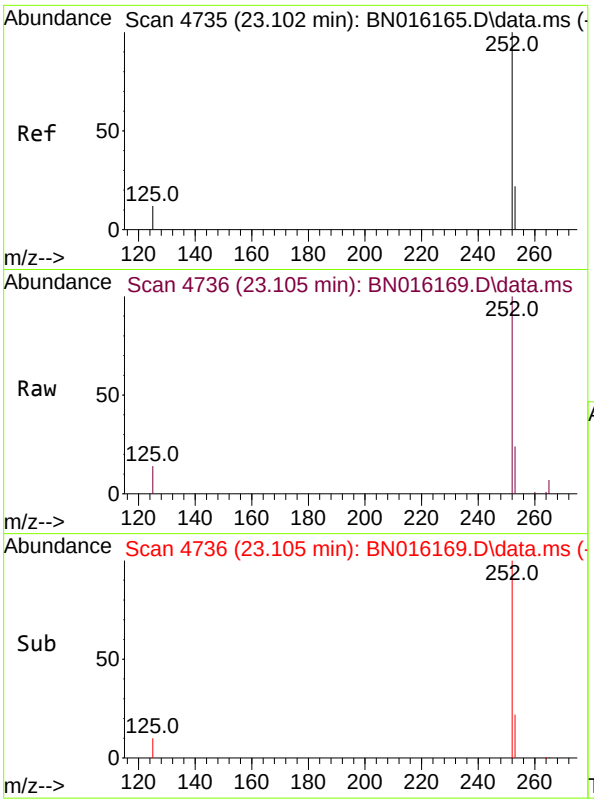
#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:228 Resp: 21539

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.2	34.8
229	20.2	15.6	23.4



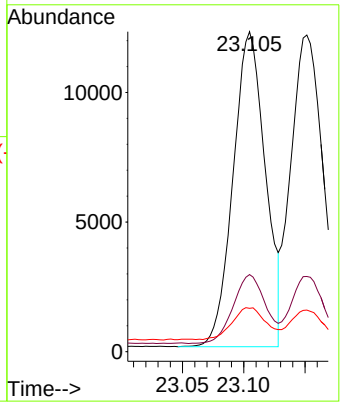
Instrument :
BNA_N
ClientSampleId :
SLCS652

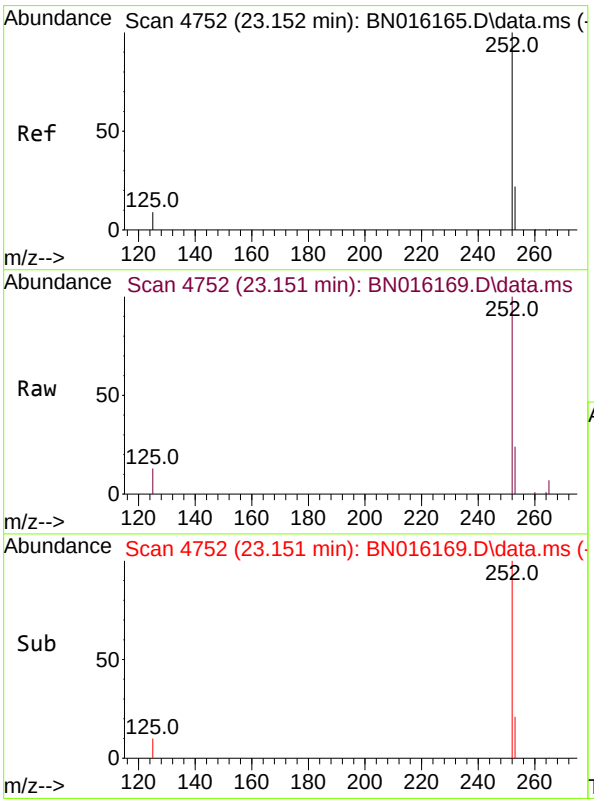


#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 23.105 min Scan# 4736
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:252 Resp: 22252

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	49.4
125	13.6	0.0	27.0

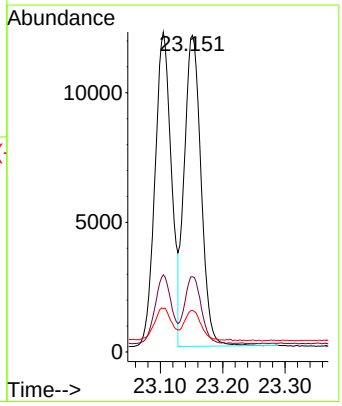




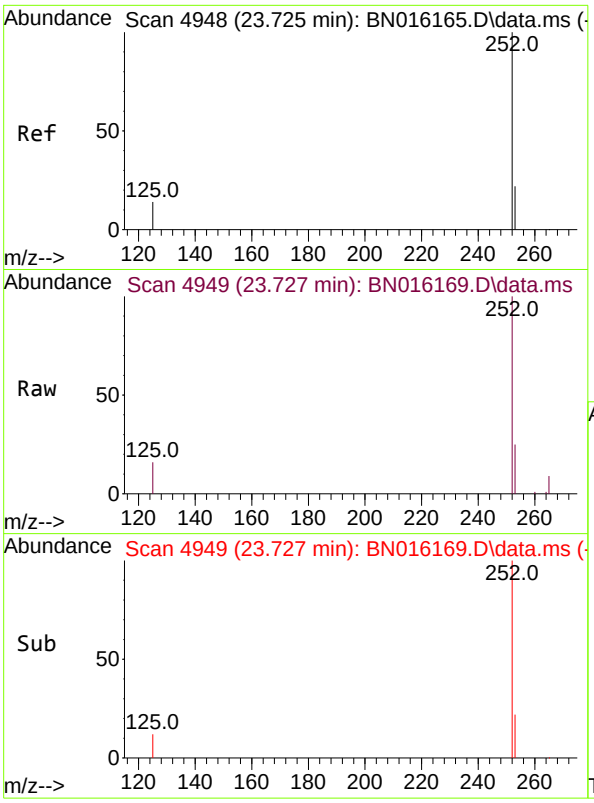
#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:252 Resp: 22390

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.0
125	13.1	10.9	16.3



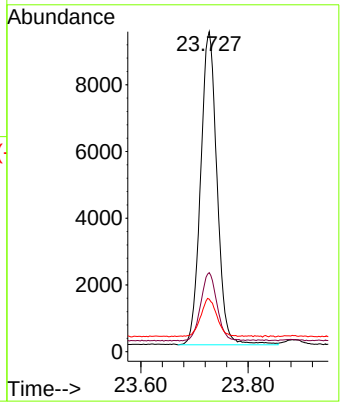
Instrument :
BNA_N
ClientSampleId :
SLCS652

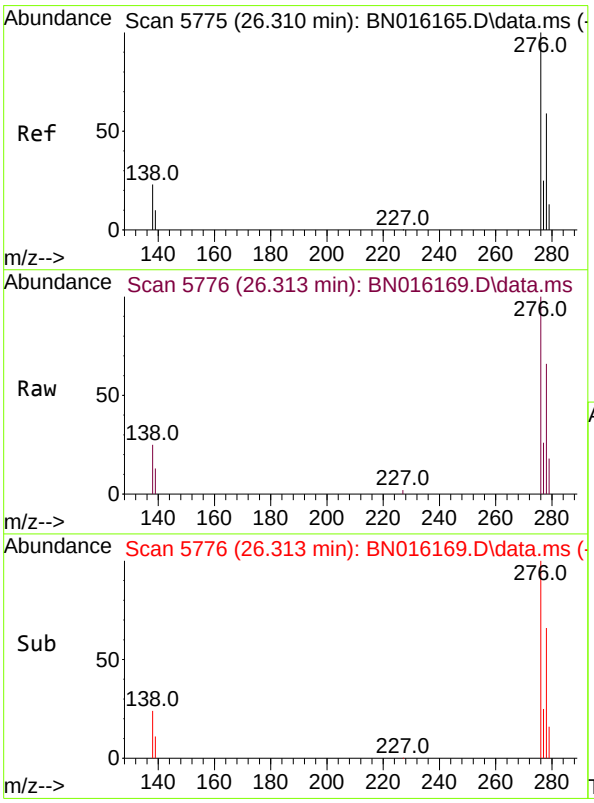


#26
Benzo(a)pyrene
Concen: 0.468 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:252 Resp: 19890

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.2
125	16.4	12.6	18.8

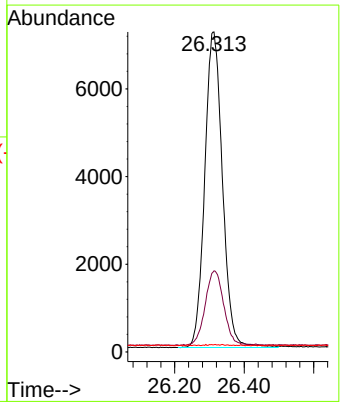




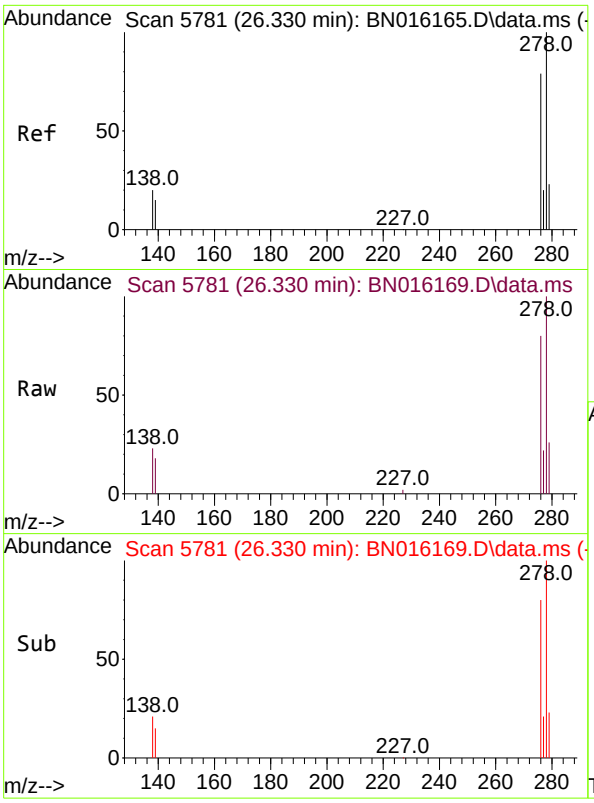
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/ul
RT: 26.313 min Scan# 5776
Delta R.T. -0.004 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:276 Resp: 25475

Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.7	34.1
227	0.1	0.2	0.2#



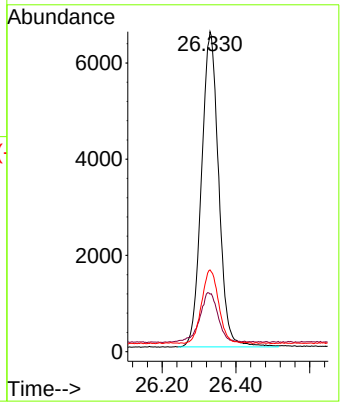
Instrument :
BNA_N
ClientSampleId :
SLCS652

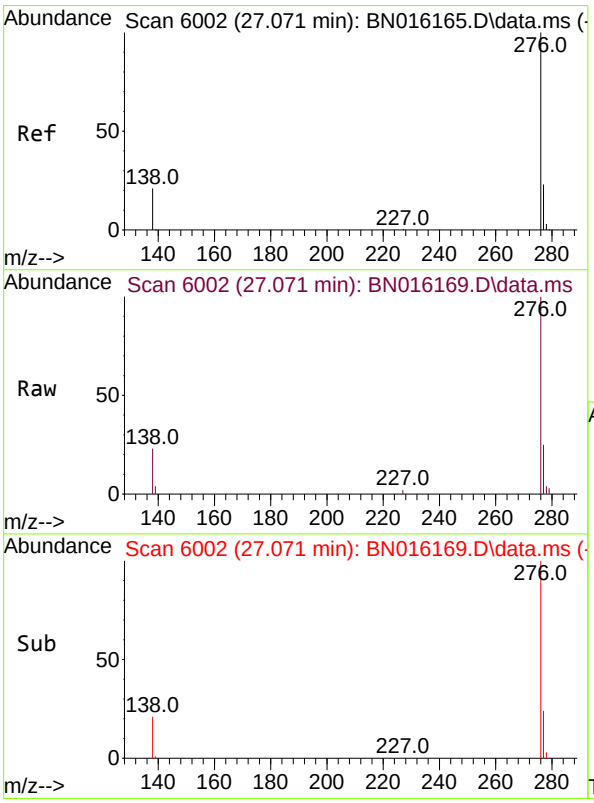


#28
Dibenzo(a,h)anthracene
Concen: 0.467 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.000 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:278 Resp: 21154

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.1	22.7
279	25.5	20.5	30.7





#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 27.071 min Scan# 6002
Delta R.T. -0.004 min
Lab File: BN016169.D
Acq: 03 Sep 2021 11:02

Tgt Ion:276 Resp: 21544

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.3	28.9
277	25.3	19.8	29.8