Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
Data File : BN015598.D
Acq On : 16 Jul 2021 15:43
Operator : CG/JU
Sample : PB137518BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS518

Quant Time: Jul 16 16:21:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 16 15:41:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2020	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.579	136	6949	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.428	164	3745	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	7666	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.378	240	6204	0.400	ng/ul	# 0.00
23) Perylene-d12	23.725	264	5402	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	1989	0.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	4492	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	9235	0.453	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	5290	2.150	ng/ul#	72
5) Naphthalene	10.628	128	8733	0.394	ng/ul#	91
7) 2-Methylnaphthalene	12.245	142	5661	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	5425	0.387	ng/ul	99
10) Acenaphthylene	14.145	152	7030	0.363	ng/ul#	91
11) Acenaphthene	14.492	153	5822	0.392	ng/ul	99
12) Fluorene	15.478	166	6502	0.397	ng/ul	98
14) Pentachlorophenol	16.833	266	998	0.588	ng/ul	92
15) Phenanthrene	17.217	178	11041	0.397	ng/ul	98
16) Anthracene	17.310	178	9032	0.368	ng/ul	96
19) Fluoranthene	19.239	202	11962	0.417	ng/ul#	88
20) Pyrene	19.606	202	12113	0.421	ng/ul#	90
21) Benzo(a)anthracene	21.360	228	9476	0.412	ng/ul	99
22) Chrysene	21.413	228	11330	0.412	ng/ul	98
24) Benzo(b)fluoranthene	23.014	252	10723	0.425	ng/ul	94
25) Benzo(k)fluoranthene	23.058	252	11335	0.398	ng/ul#	93
26) Benzo(a)pyrene	23.620	252	8691	0.410	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.136	276	12160	0.475	ng/ul#	52
28) Dibenzo(a,h)anthracene	26.153	278	9588	0.478	ng/ul#	89
29) Benzo(g,h,i)perylene	26.874	276	9899	0.417	ng/ul#	86

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

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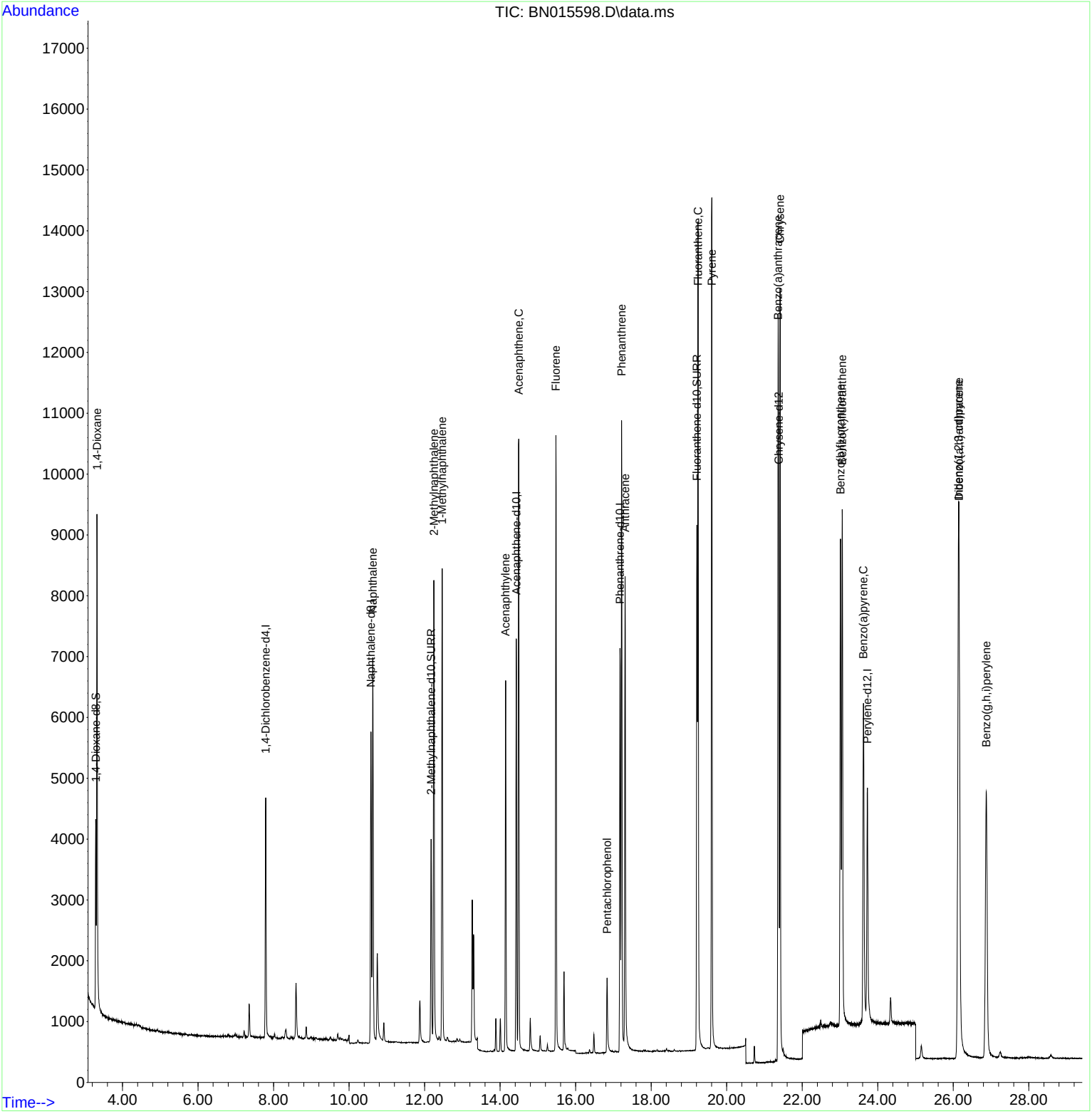
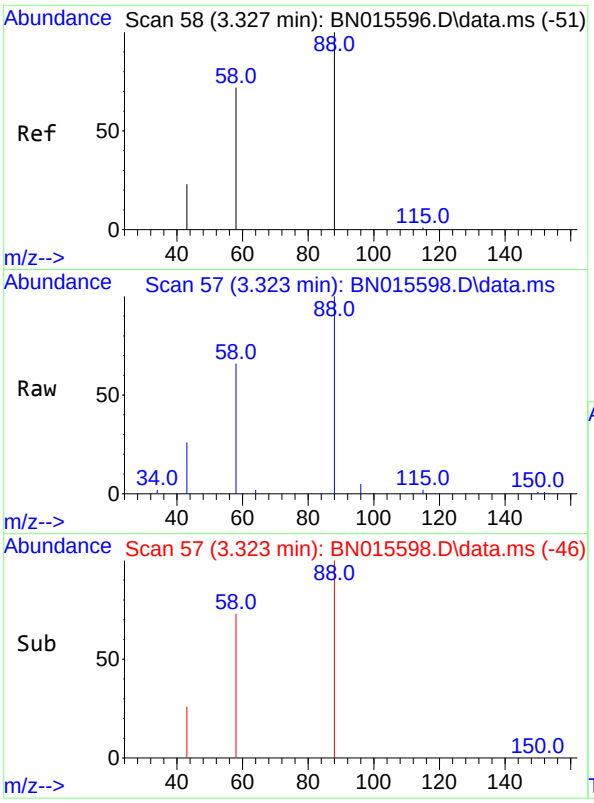
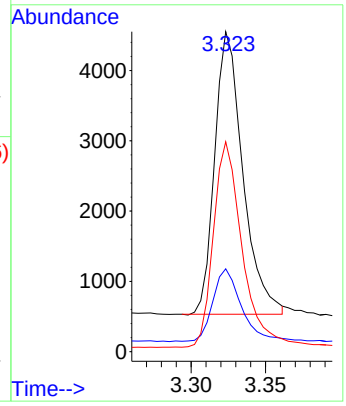




#2
1,4-Dioxane
Concen: 2.150 ng/ul
RT: 3.323 min Scan# 57
Delta R.T. -0.004 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion: 88 Resp: 5290

Ion	Ratio	Lower	Upper
88	100		
43	25.9	22.5	33.7
58	65.6	30.4	45.6#



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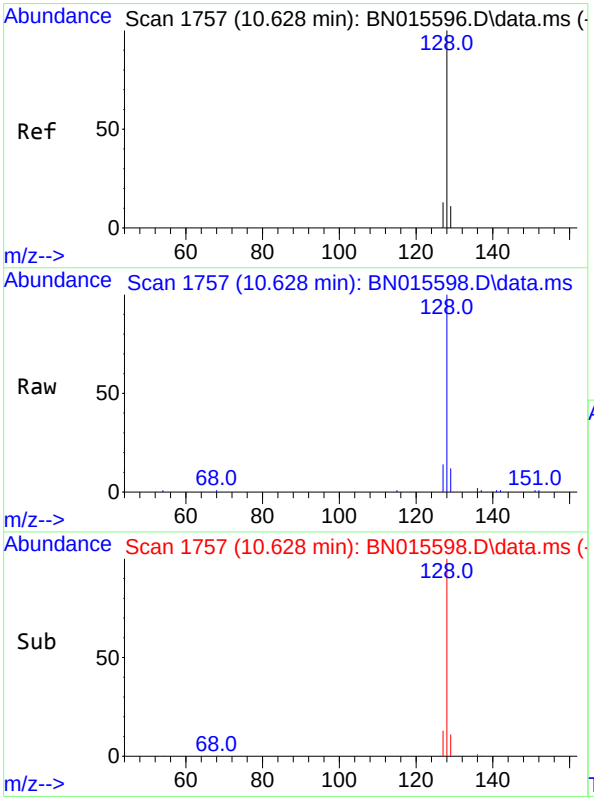
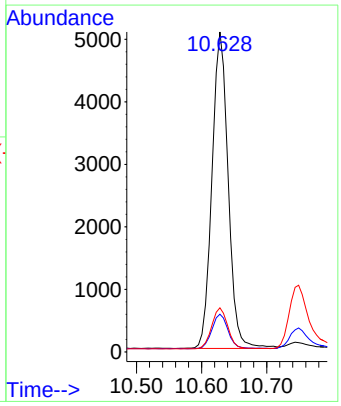


#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:128 Resp: 8733

Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.9	16.3
127	13.8	15.7	23.5#



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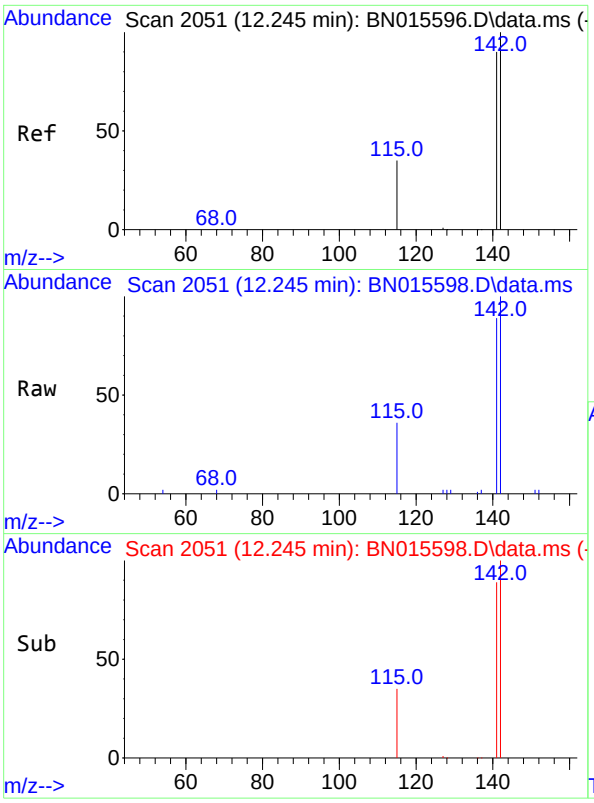
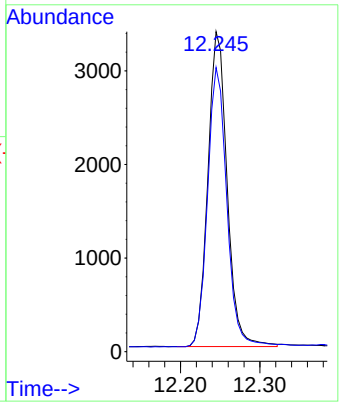
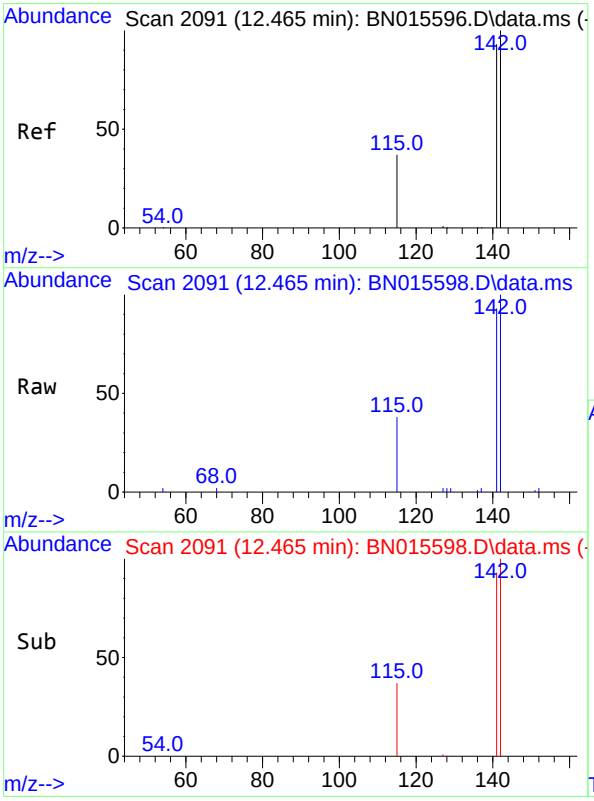


#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.245 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:142 Resp: 5661

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.2

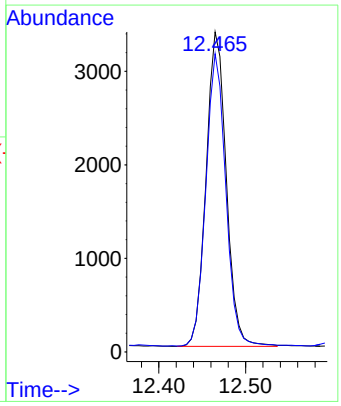




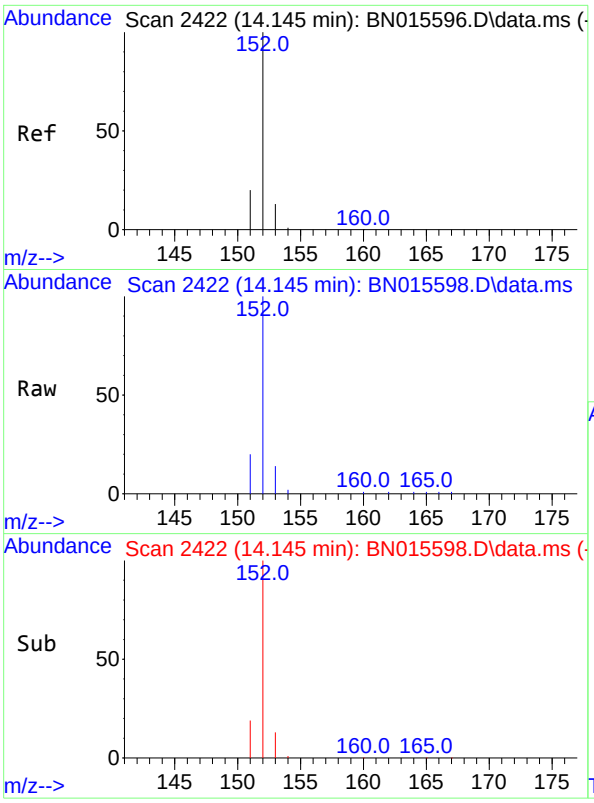
#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:142 Resp: 5425

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9



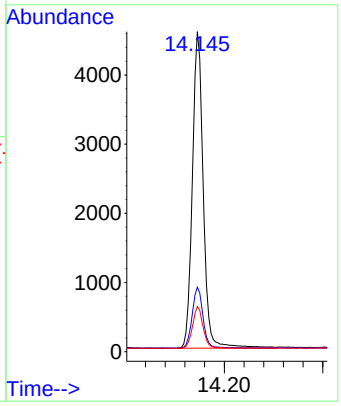
Instrument :
BNA_N
ClientSampleId :
SLCS518

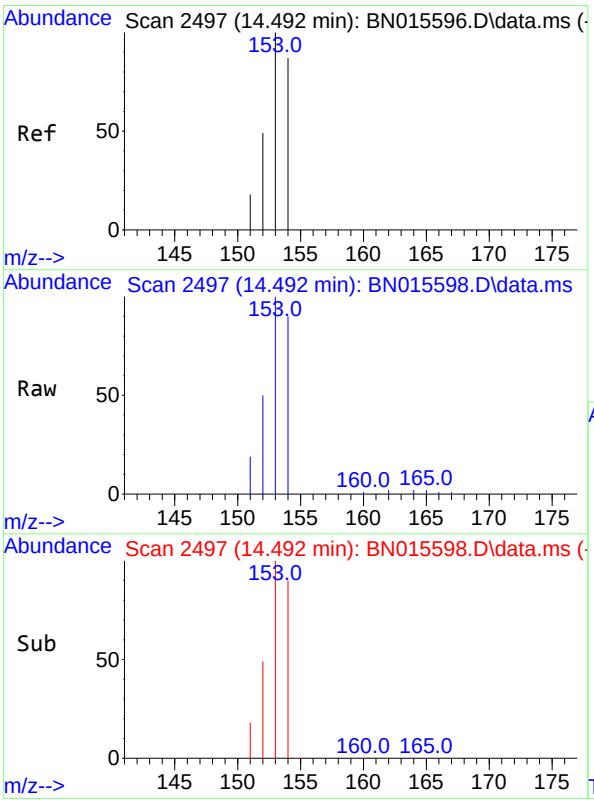


#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.145 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:152 Resp: 7030

Ion	Ratio	Lower	Upper
152	100		
151	20.2	20.2	30.4#
153	14.1	14.2	21.4#

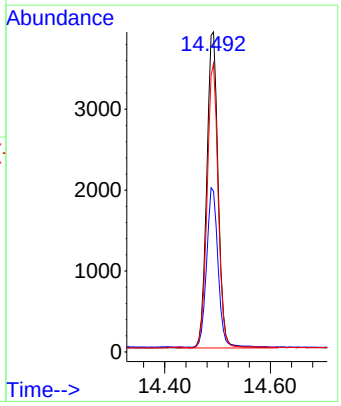




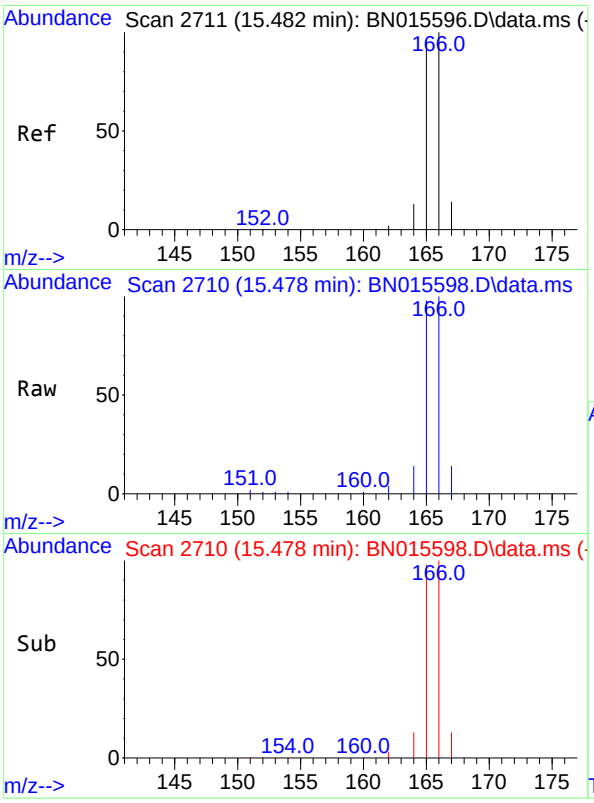
#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.492 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:153 Resp: 5822

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.7	59.5
154	90.1	71.0	106.4



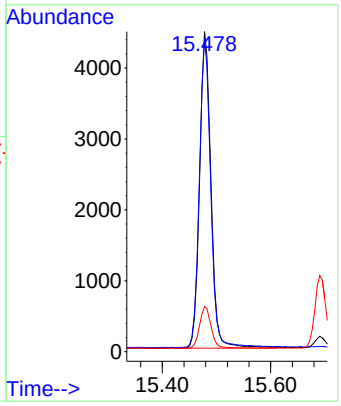
Instrument :
BNA_N
ClientSampleId :
SLCS518

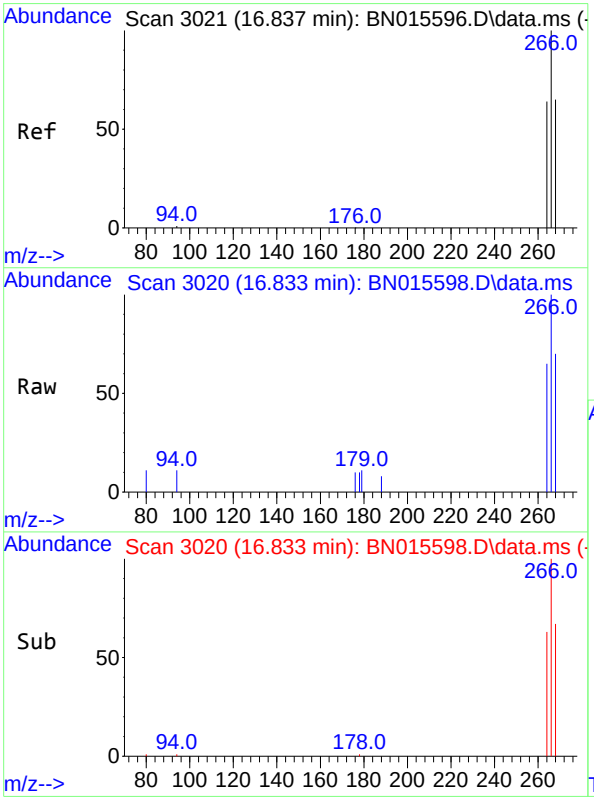


#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.478 min Scan# 2710
Delta R.T. -0.005 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:166 Resp: 6502

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.3	118.9
167	14.2	13.8	20.6

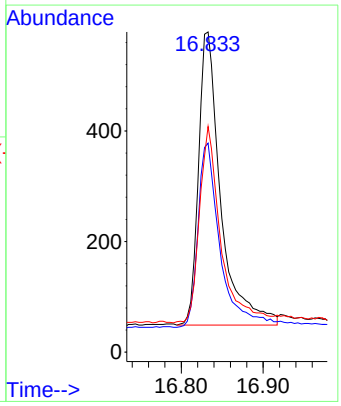




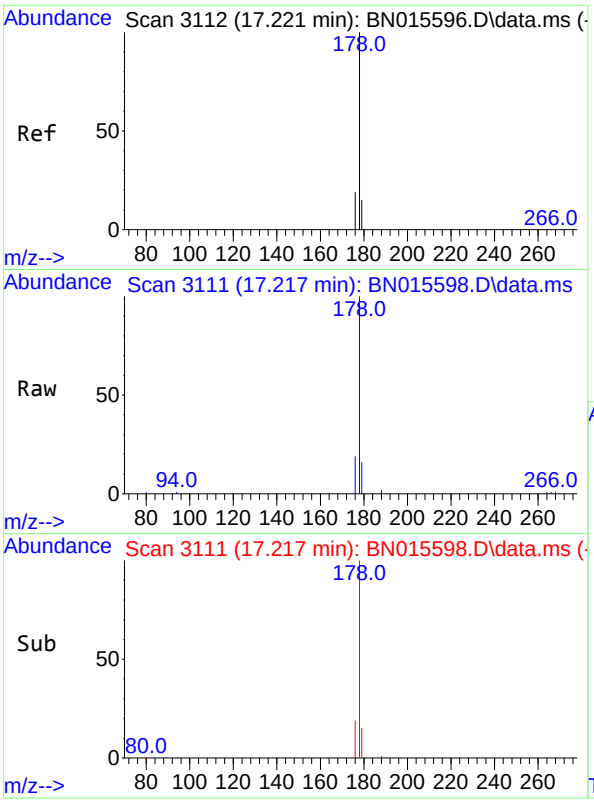
#14
Pentachlorophenol
Concen: 0.588 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:266 Resp: 998

Ion	Ratio	Lower	Upper
266	100		
264	62.6	52.9	79.3
268	64.3	59.4	89.0



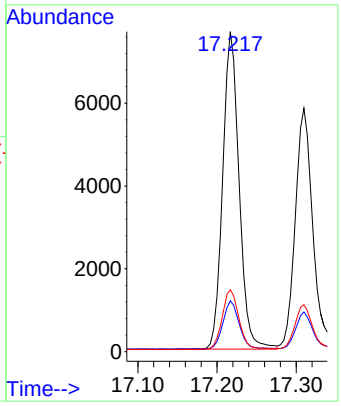
Instrument :
BNA_N
ClientSampleId :
SLCS518

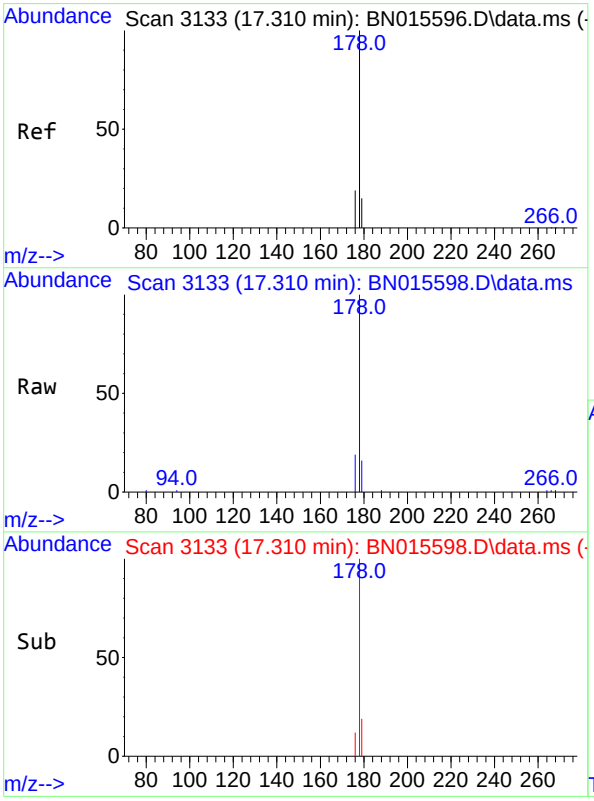


#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:178 Resp: 11041

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.8	20.6
176	19.4	16.2	24.4

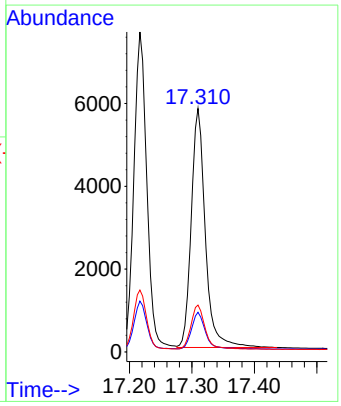




#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:178 Resp: 9032

Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.3	21.5
176	19.3	17.1	25.7



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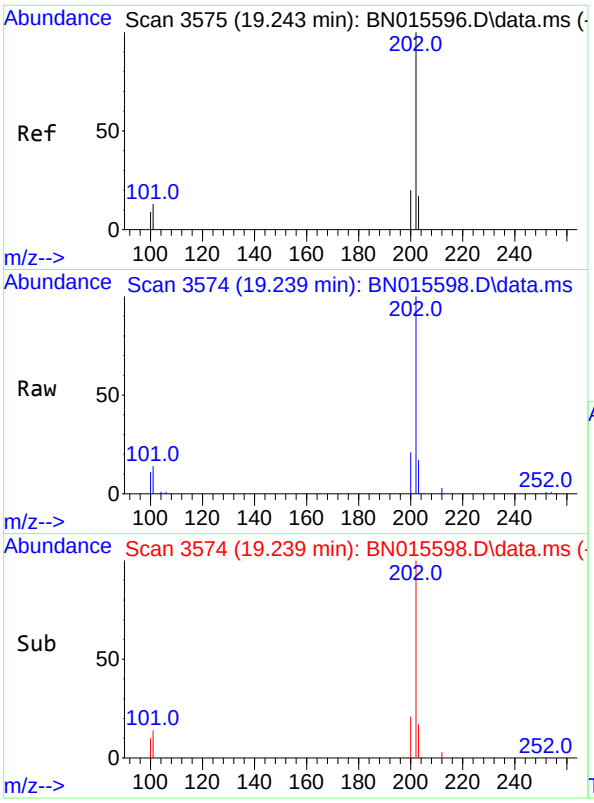
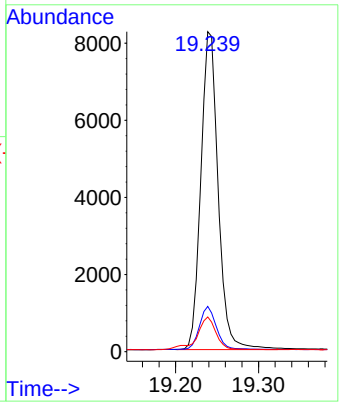
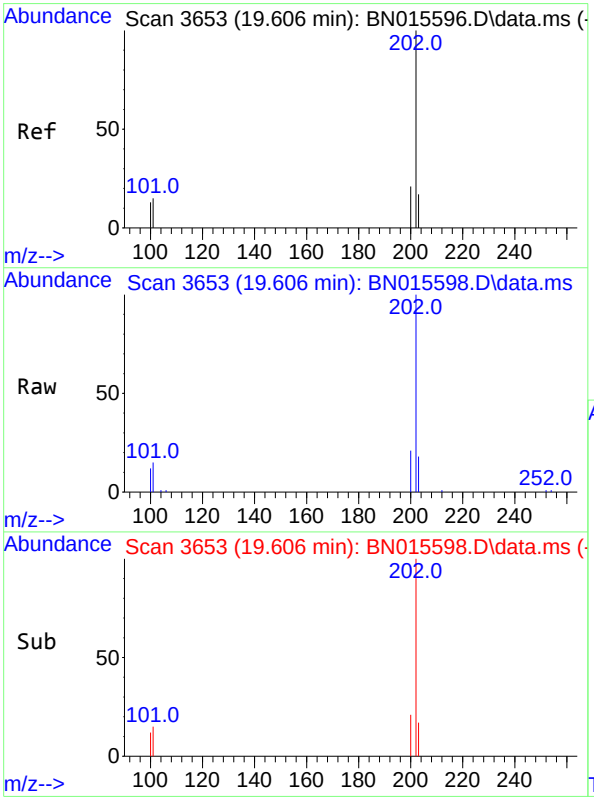


#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.239 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:202 Resp: 11962

Ion	Ratio	Lower	Upper
202	100		
101	14.2	7.6	11.4#
100	10.9	5.9	8.9#

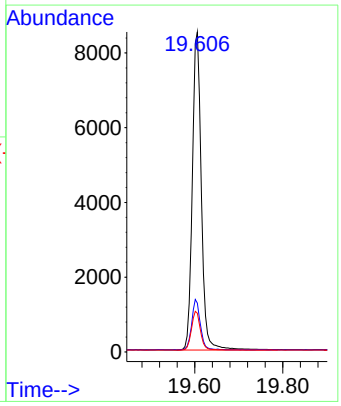




#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.606 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:202 Resp: 12113

Ion	Ratio	Lower	Upper
202	100		
101	15.2	8.5	12.7#
100	12.1	7.4	11.2#



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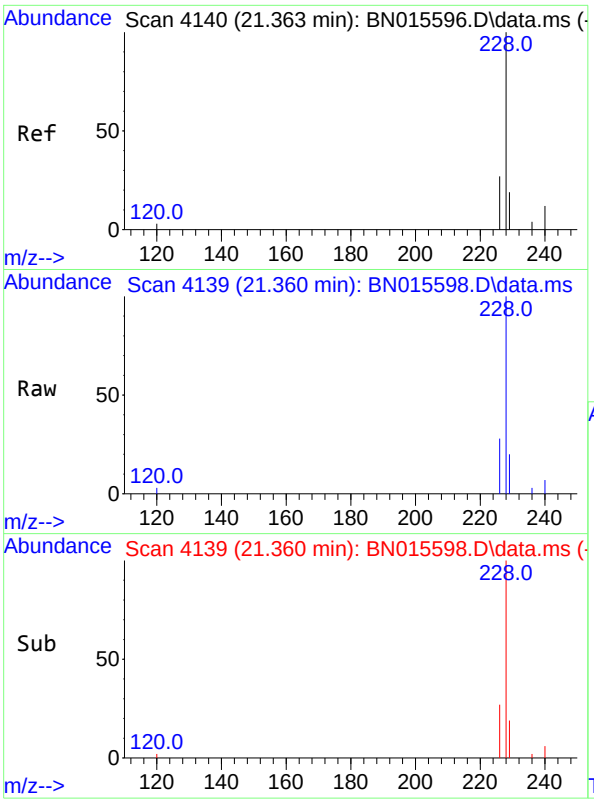
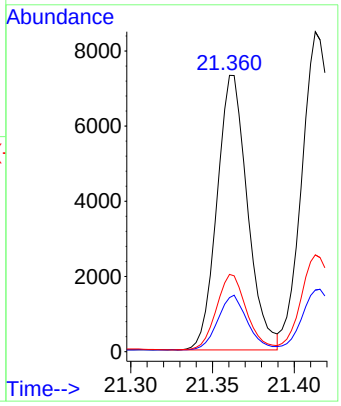
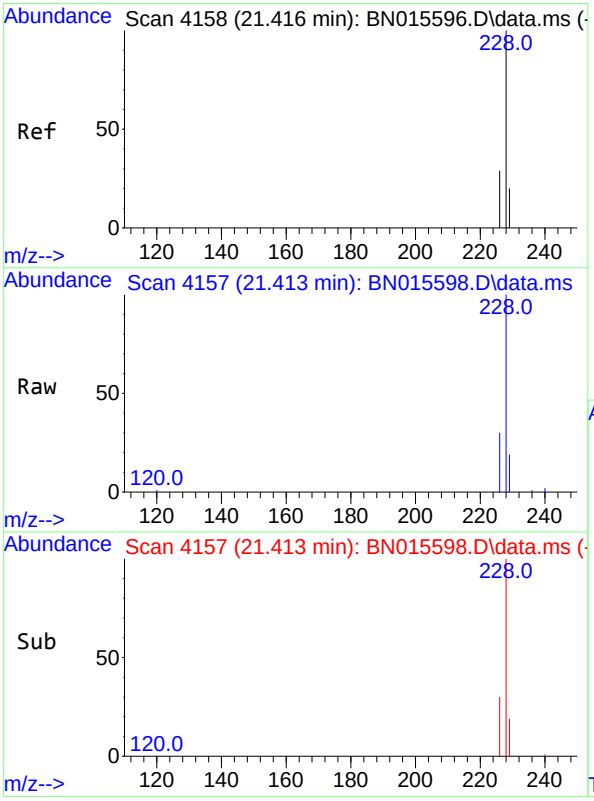


#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.360 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:228 Resp: 9476

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.3	24.5
226	28.0	22.6	33.8

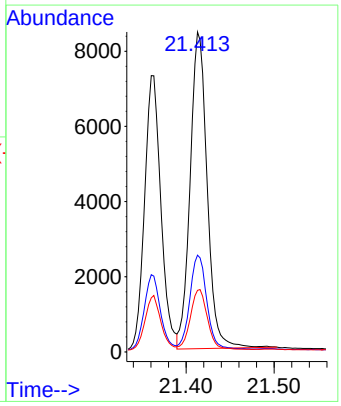




#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.413 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:228 Resp: 11330

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	19.3	16.2	24.4



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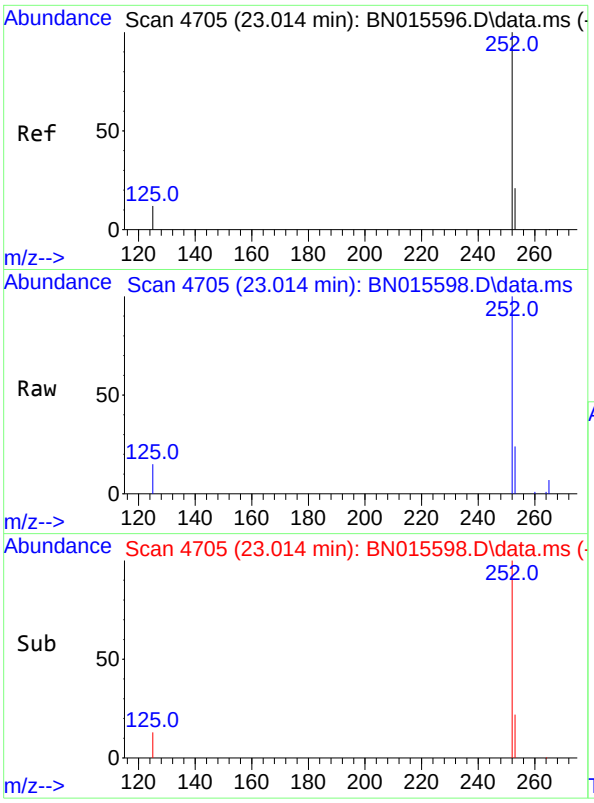
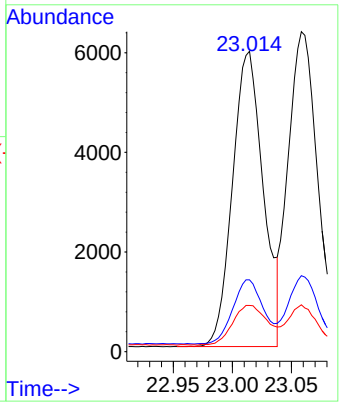
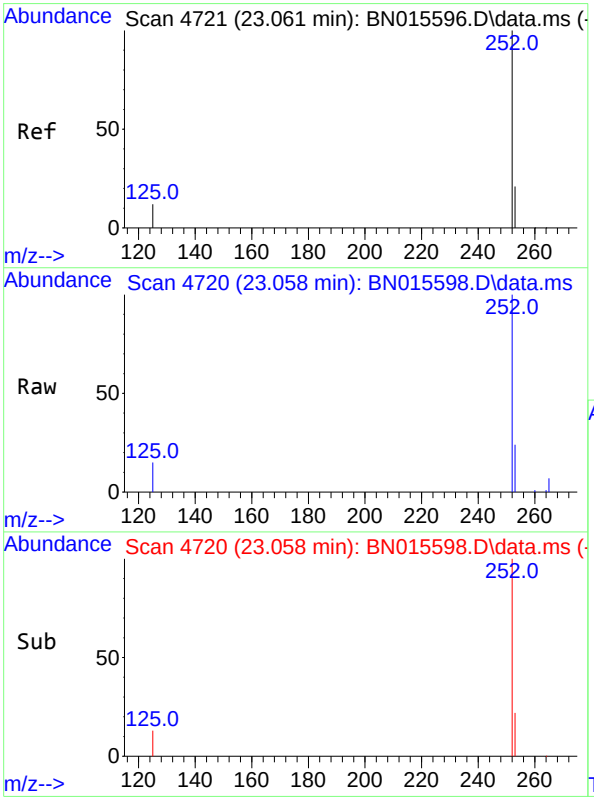


#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 23.014 min Scan# 4705
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:252 Resp: 10723

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	50.2
125	15.4	0.0	19.4

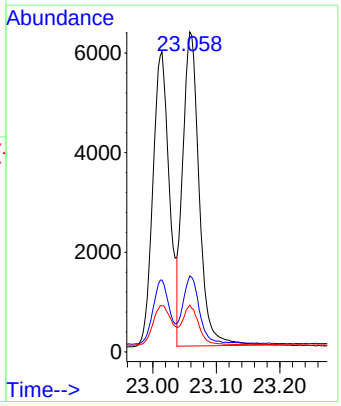




#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:252 Resp: 11335

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.5	30.7
125	14.6	6.9	10.3#



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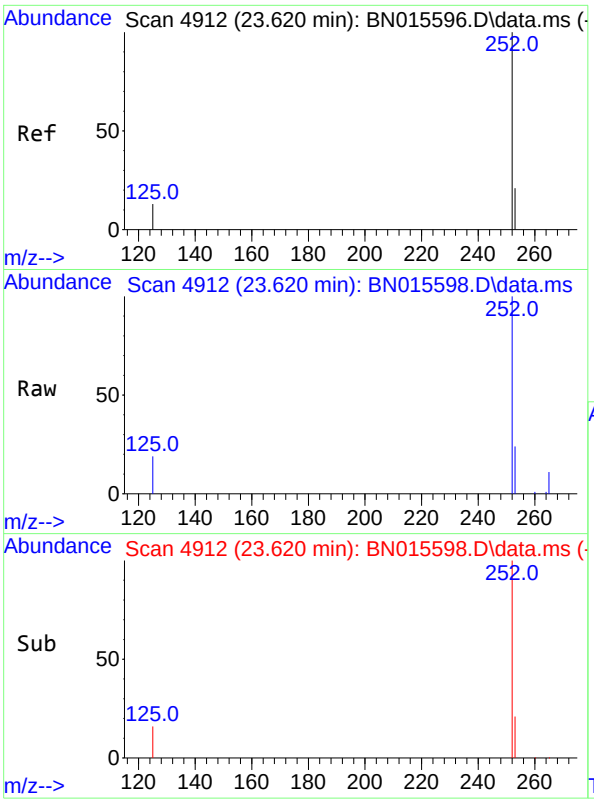
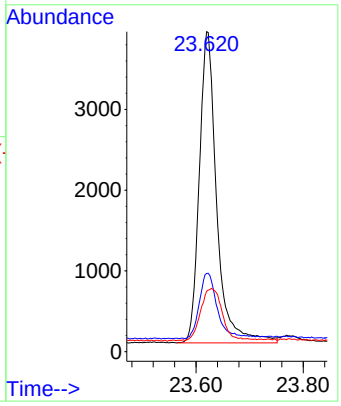
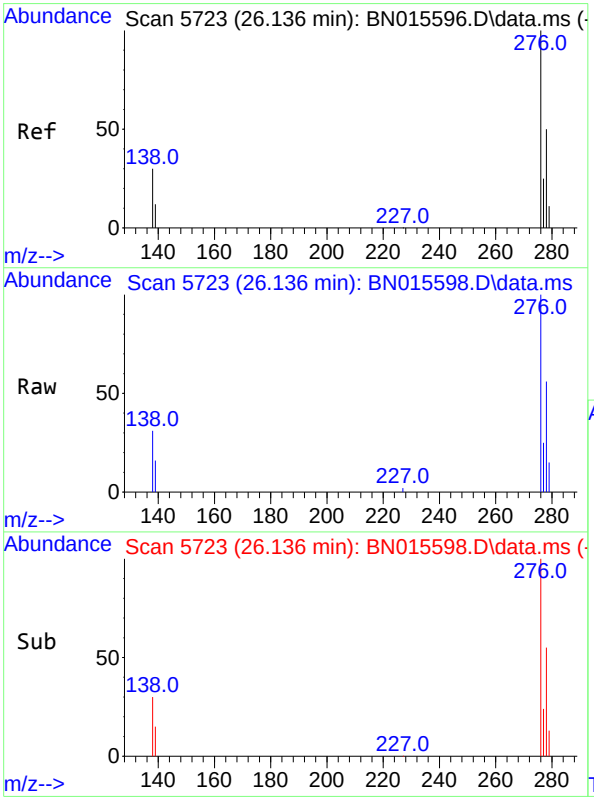


#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.620 min Scan# 4912
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:252 Resp: 8691

Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.0	34.6
125	18.9	9.5	14.3#

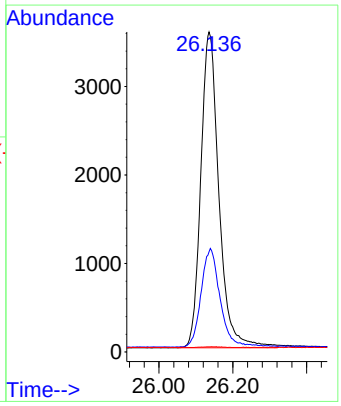




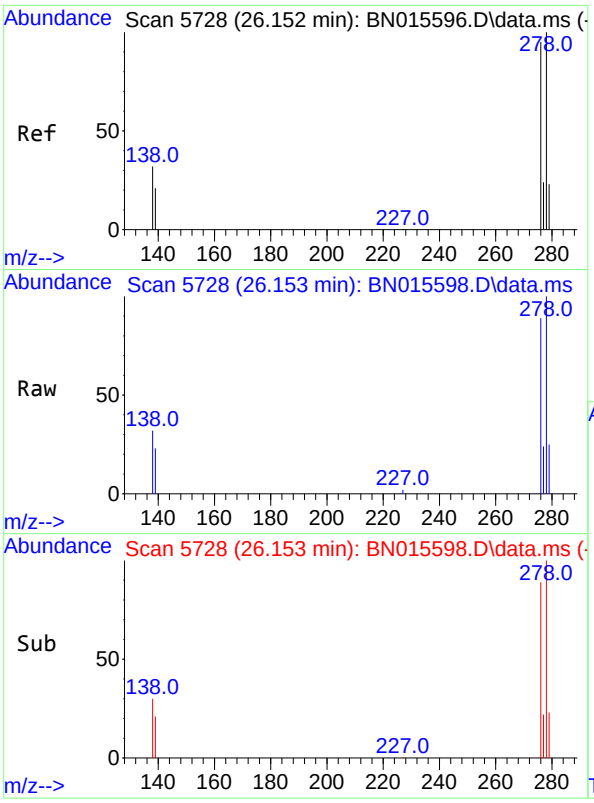
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 26.136 min Scan# 5723
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:276 Resp: 12160

Ion	Ratio	Lower	Upper
276	100		
138	33.1	10.9	16.3#
227	0.2	0.1	0.1#



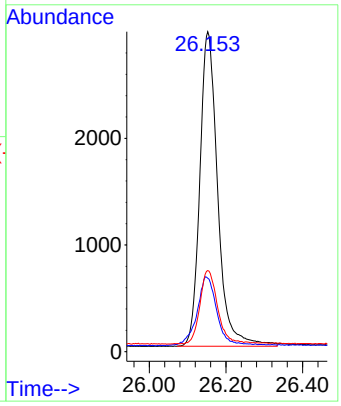
Instrument :
BNA_N
ClientSampleId :
SLCS518

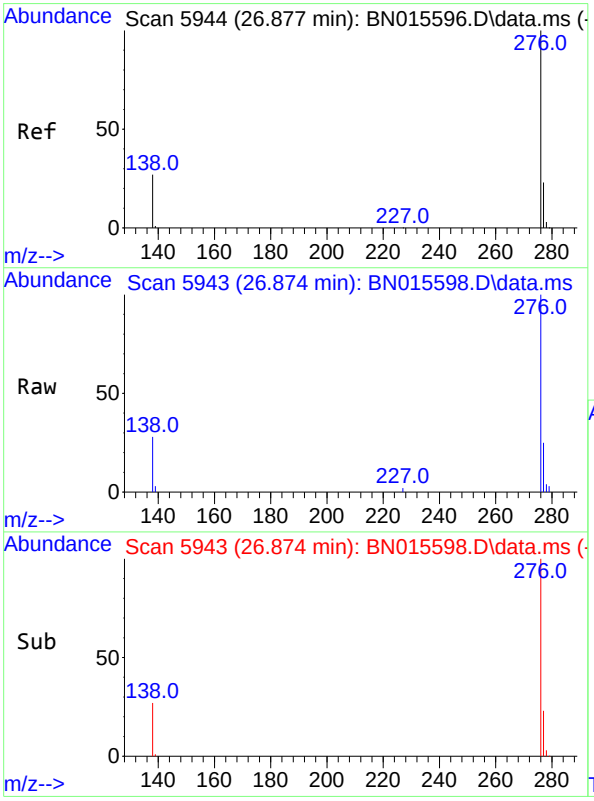


#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 26.153 min Scan# 5728
Delta R.T. 0.000 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:278 Resp: 9588

Ion	Ratio	Lower	Upper
278	100		
139	22.9	10.6	16.0#
279	25.4	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.874 min Scan# 5943
Delta R.T. -0.003 min
Lab File: BN015598.D
Acq: 16 Jul 2021 15:43

Tgt Ion:276 Resp: 9899

Ion	Ratio	Lower	Upper
276	100		
138	28.2	11.5	17.3#
277	24.7	21.4	32.2