Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027101.D
Acq On : 24 Aug 2023 17:24
Operator : MA/JU
Sample : 03968-31
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Quant Time: Aug 25 03:51:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	10925	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	36444	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	21829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	59128	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	39186	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	38884	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	35041	2.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	7193	0.134	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	18156	0.147	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.966	128	9289	0.090	ng/ul	98
7) 2-Methylnaphthalene	12.560	142	4515	0.072	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	3897	0.060	ng/ul	99
10) Acenaphthylene	14.444	152	15637	0.128	ng/ul	97
11) Acenaphthene	14.777	153	16728	0.198	ng/ul	99
12) Fluorene	15.762	166	19896	0.208	ng/ul	99
15) Phenanthrene	17.502	178	368949	1.899	ng/ul	99
16) Anthracene	17.595	178	79443	0.453	ng/ul	99
19) Fluoranthene	19.511	202	592326	3.639	ng/ul	99
20) Pyrene	19.878	202	618468	3.561	ng/ul	98
21) Benzo(a)anthracene	21.618	228	290887	1.866	ng/ul	99
22) Chrysene	21.676	228	281748	1.832	ng/ul	97
24) Benzo(b)fluoranthene	23.386	252	451560	3.070	ng/ul	100
26) Benzo(a)pyrene	24.059	252	246620	1.858	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.844	276	125532	0.723	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.871	278	30730	0.222	ng/ul#	86
29) Benzo(g,h,i)perylene	27.689	276	118130	0.817	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027101.D
Acq On : 24 Aug 2023 17:24
Operator : MA/JU
Sample : 03968-31
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Aug 25 03:51:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
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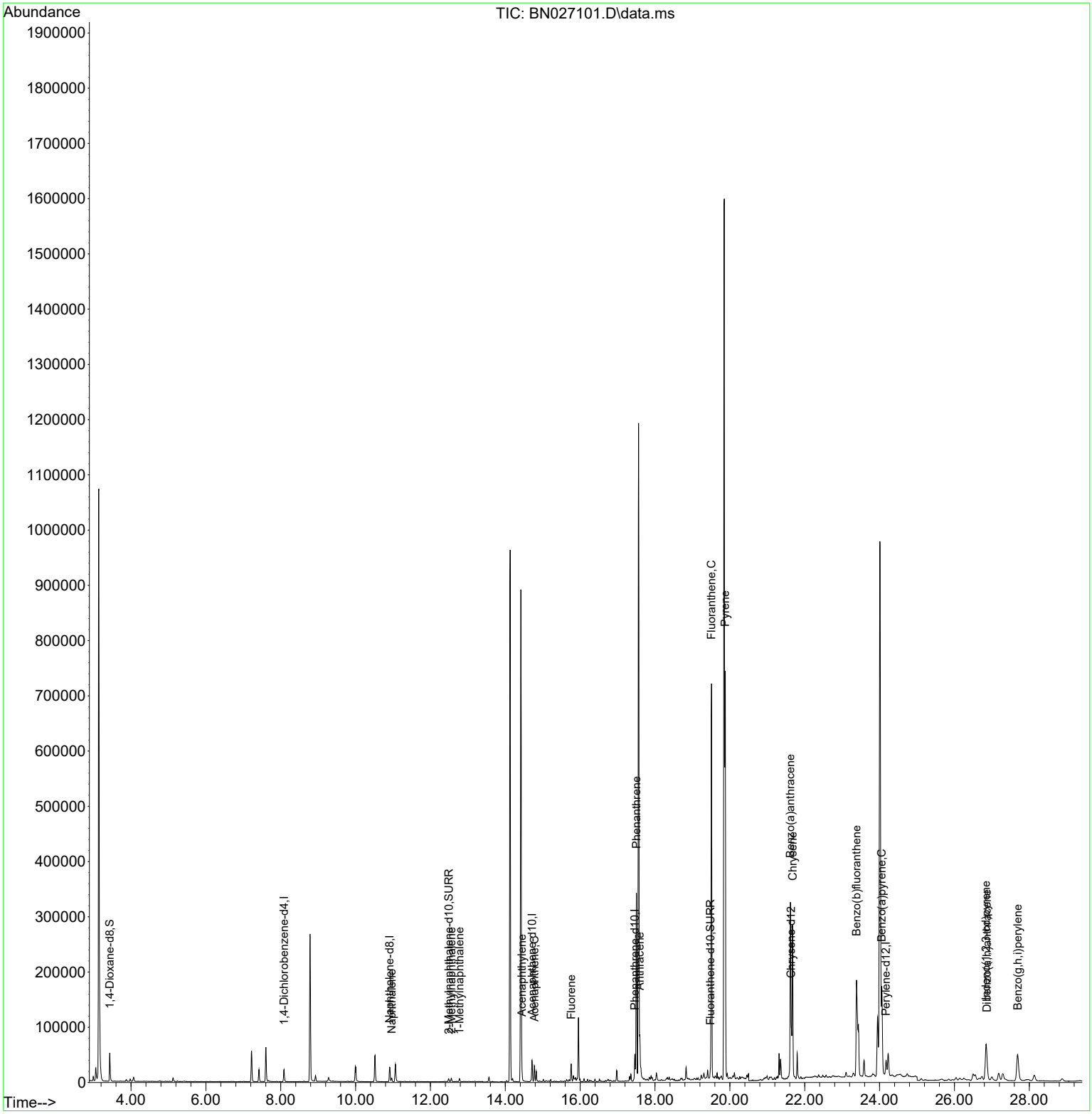
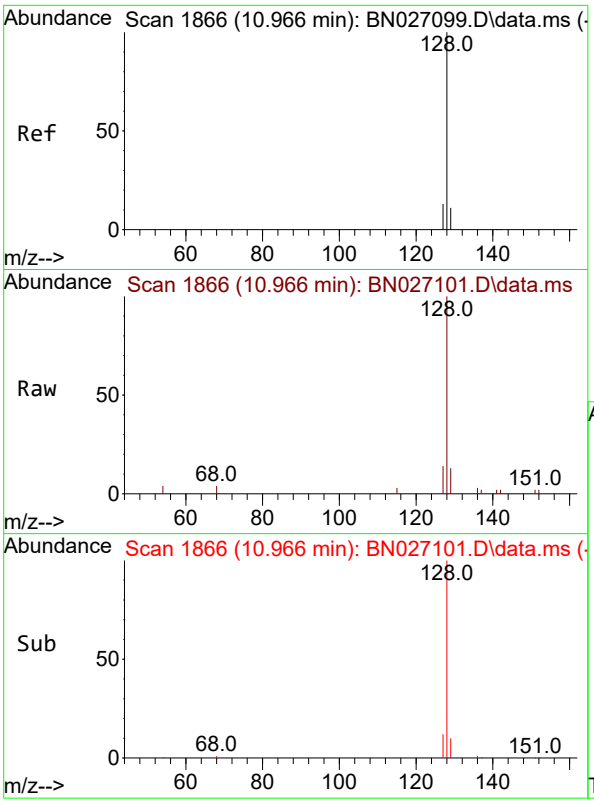


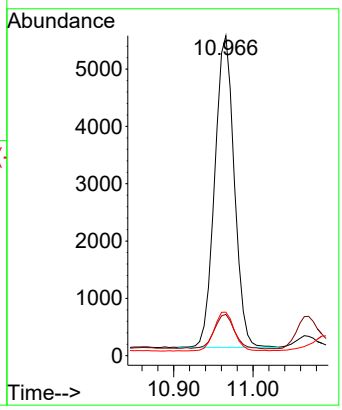


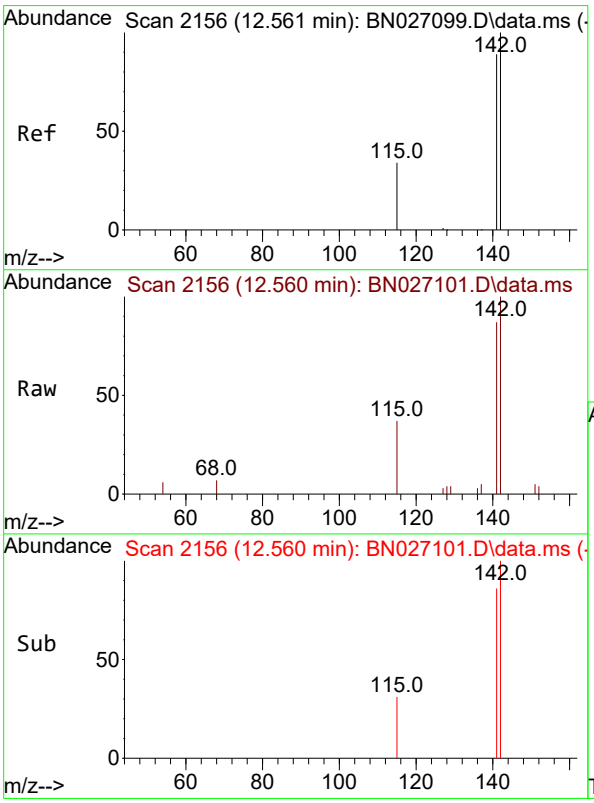
#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.966 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:128 Resp: 9289

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	13.6	10.5	15.7

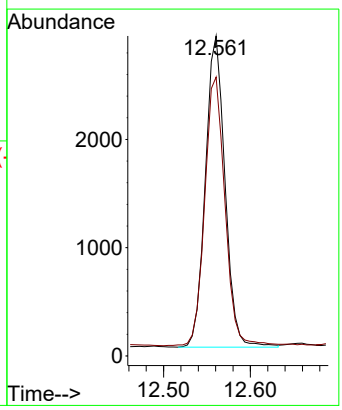


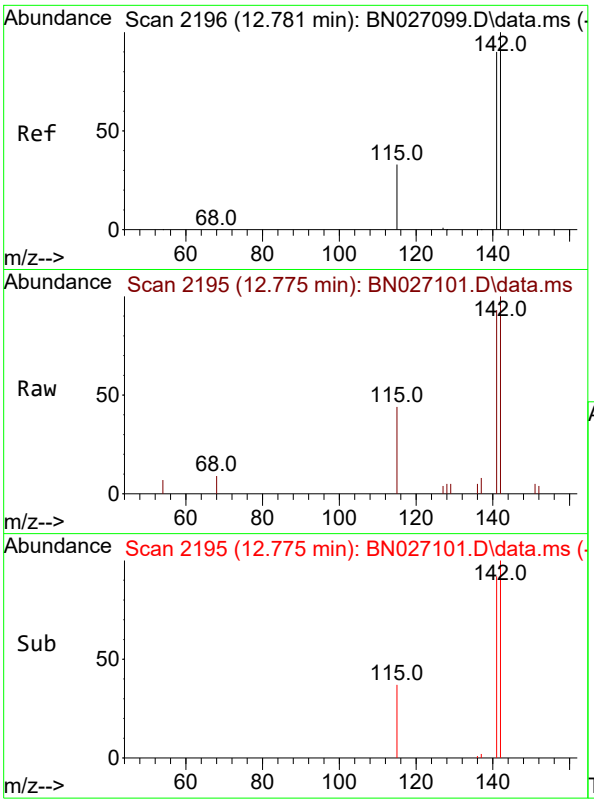


#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.560 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:142 Resp: 4515

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3



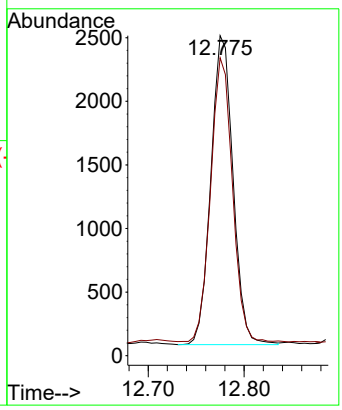


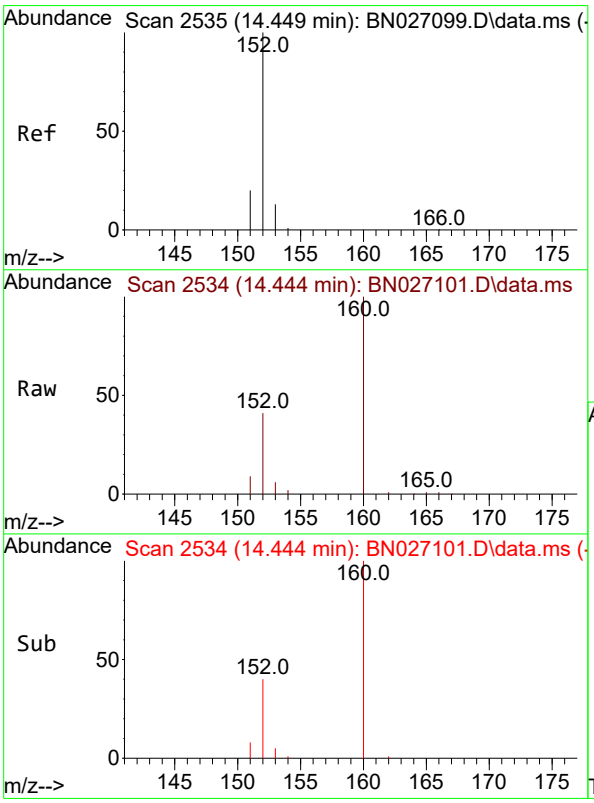
#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.775 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:142 Resp: 3897

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8

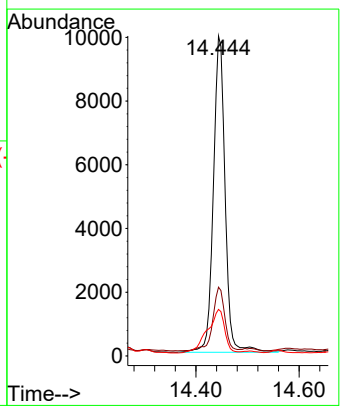


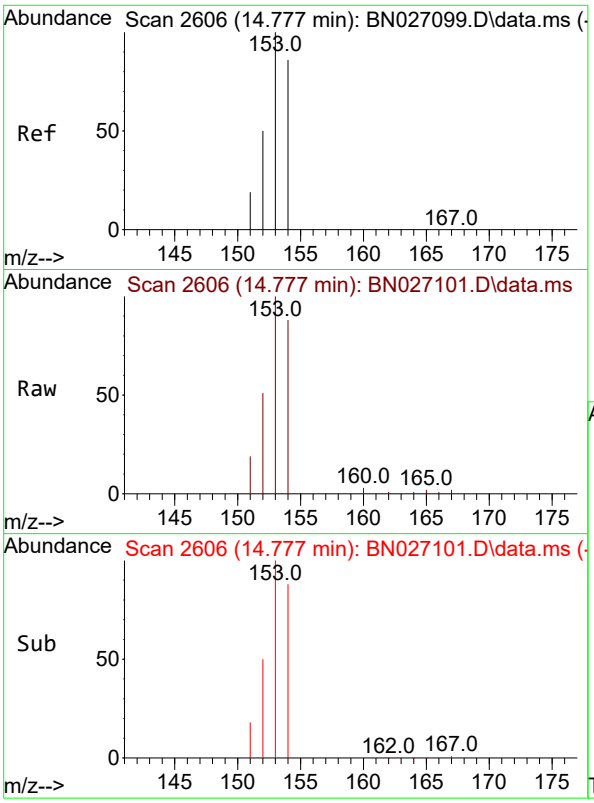


#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:152 Resp: 15637

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.9	23.9
153	14.5	11.0	16.6



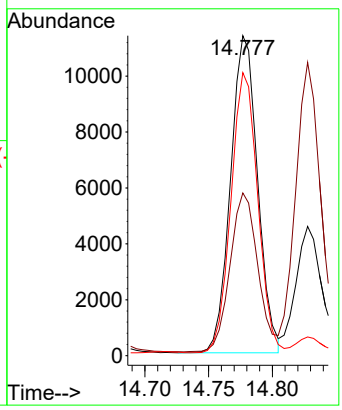


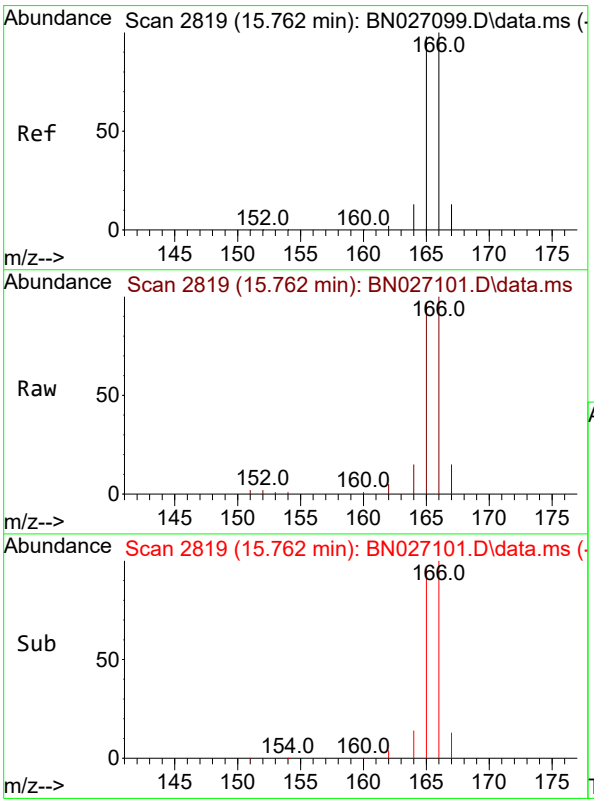
#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.777 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:153 Resp: 16728

Ion	Ratio	Lower	Upper
153	100		
152	50.9	41.1	61.7
154	88.5	71.6	107.4

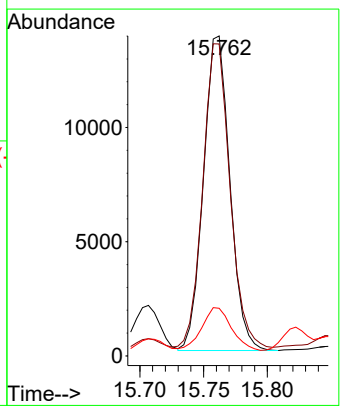


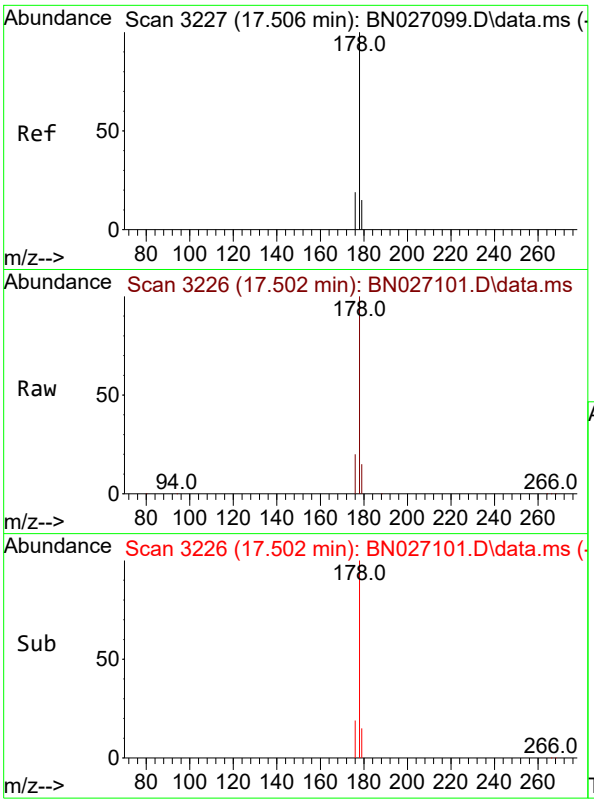


#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:166 Resp: 19896

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	14.9	11.4	17.0



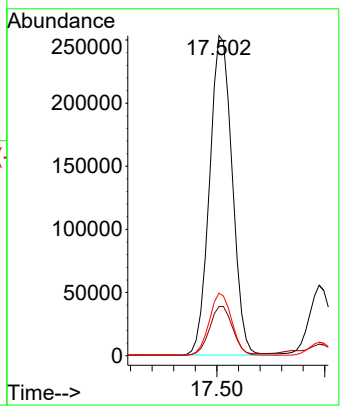


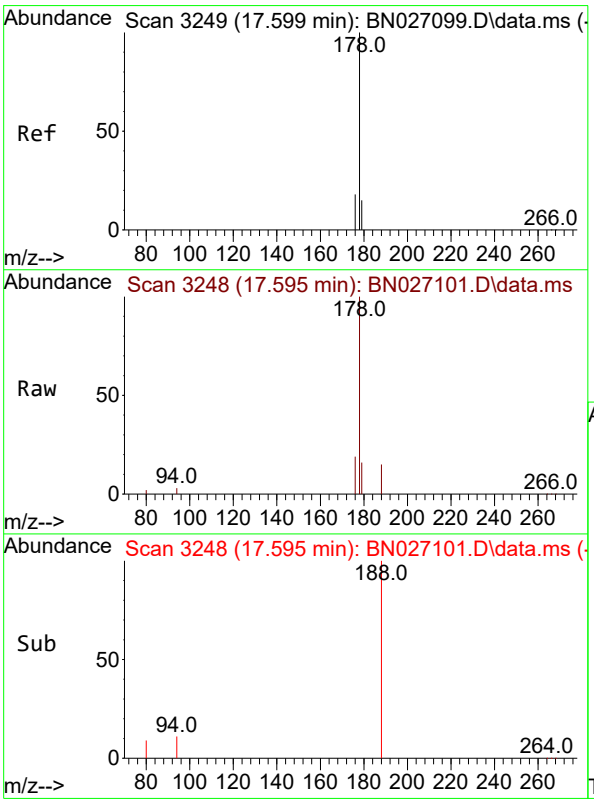
#15
Phenanthrene
Concen: 1.899 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:178 Resp: 368949

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	19.6	15.4	23.2

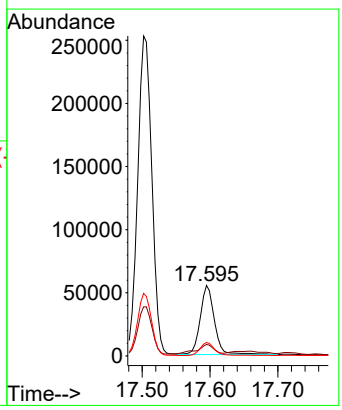


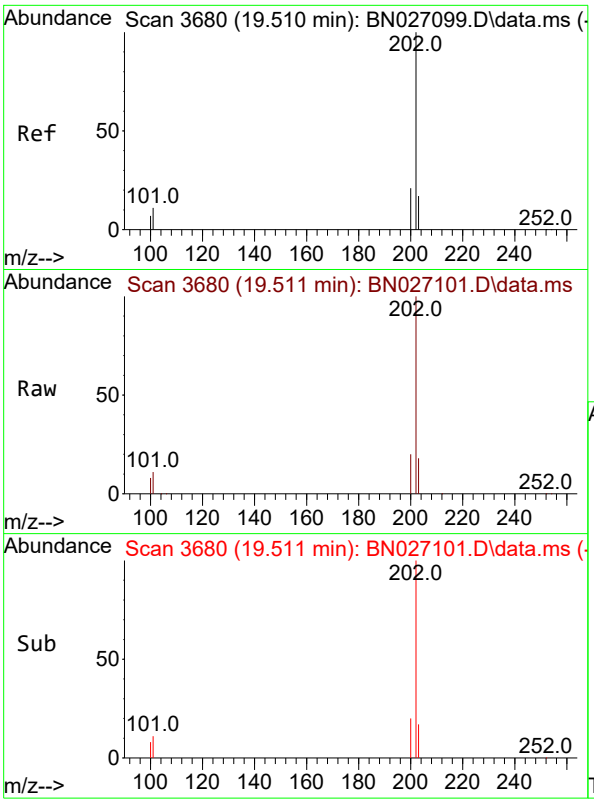


#16
Anthracene
Concen: 0.453 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:178 Resp: 79443

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	19.1	15.0	22.6



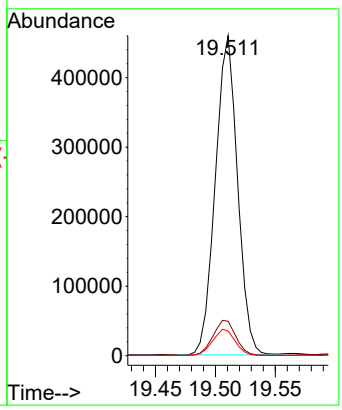


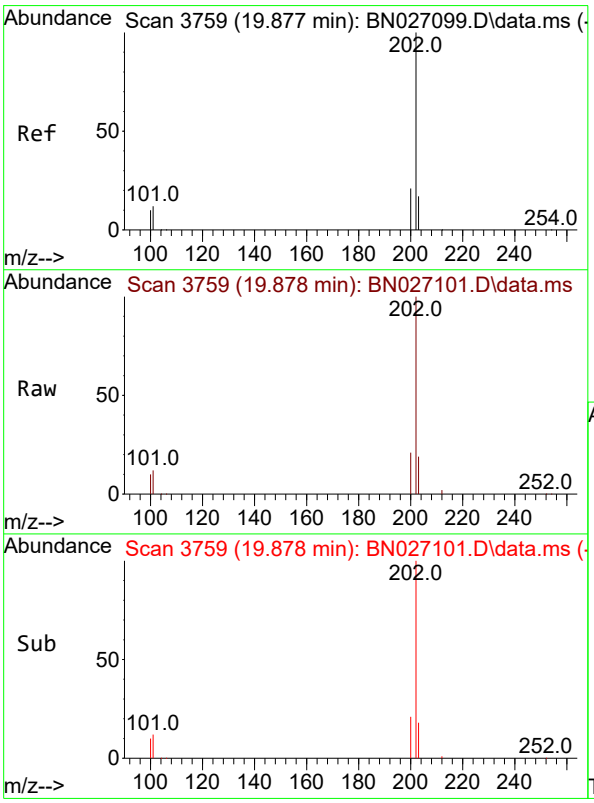
#19
Fluoranthene
Concen: 3.639 ng/ul
RT: 19.511 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:202 Resp: 592326

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.3	12.5
100	7.7	6.2	9.2

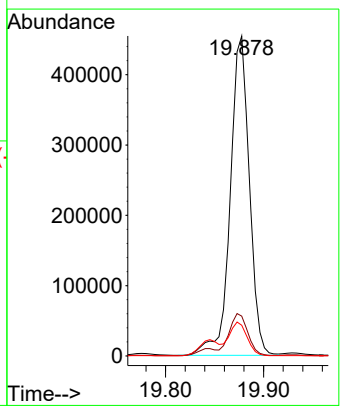


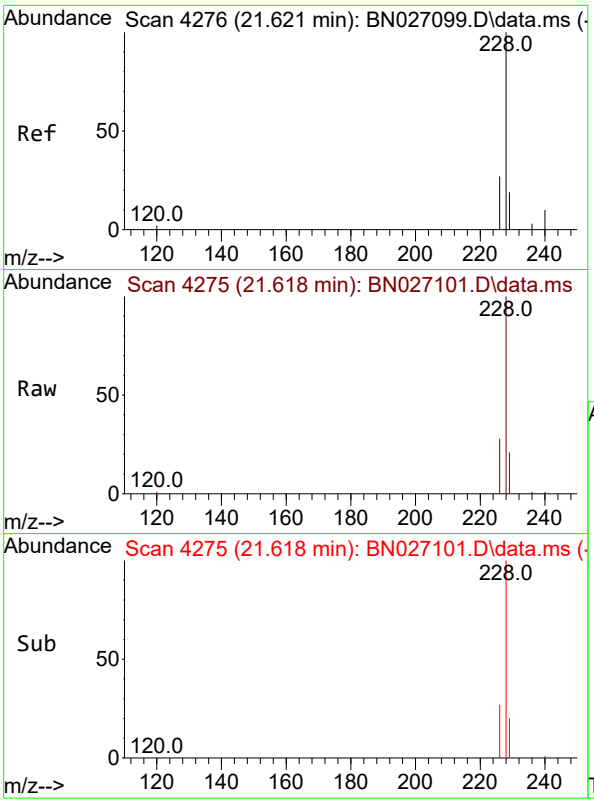


#20
Pyrene
Concen: 3.561 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:202 Resp: 618468

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.7	16.1
100	9.6	8.5	12.7



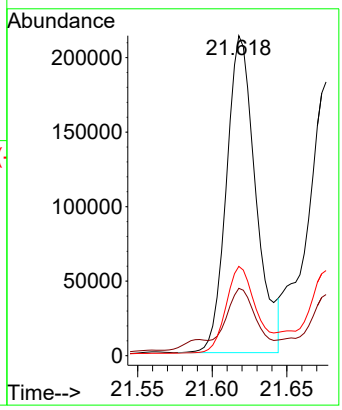


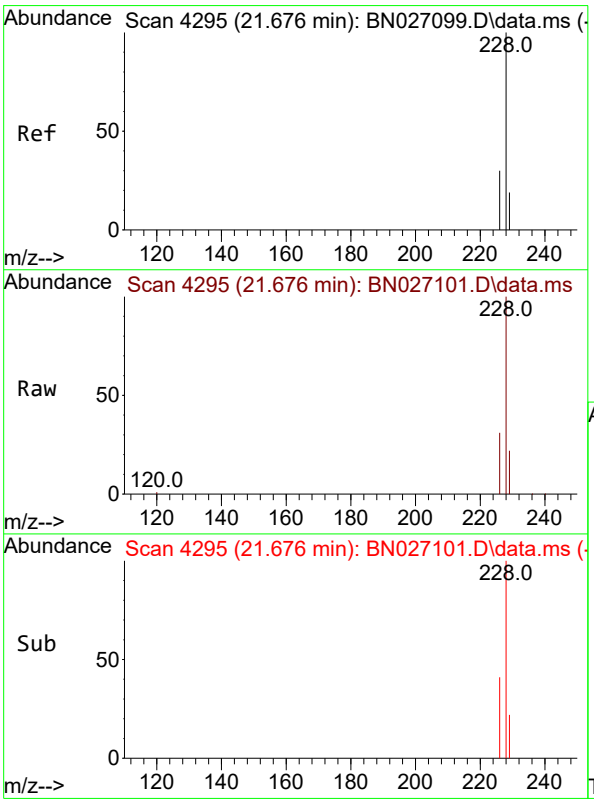
#21
Benzo(a)anthracene
Concen: 1.866 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:228 Resp: 290887

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	27.9	22.2	33.2

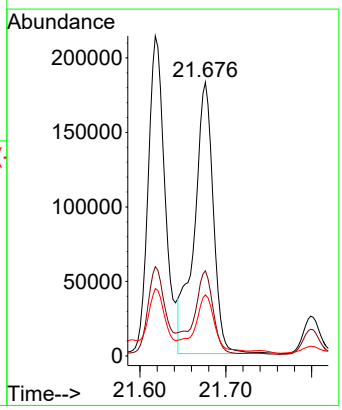


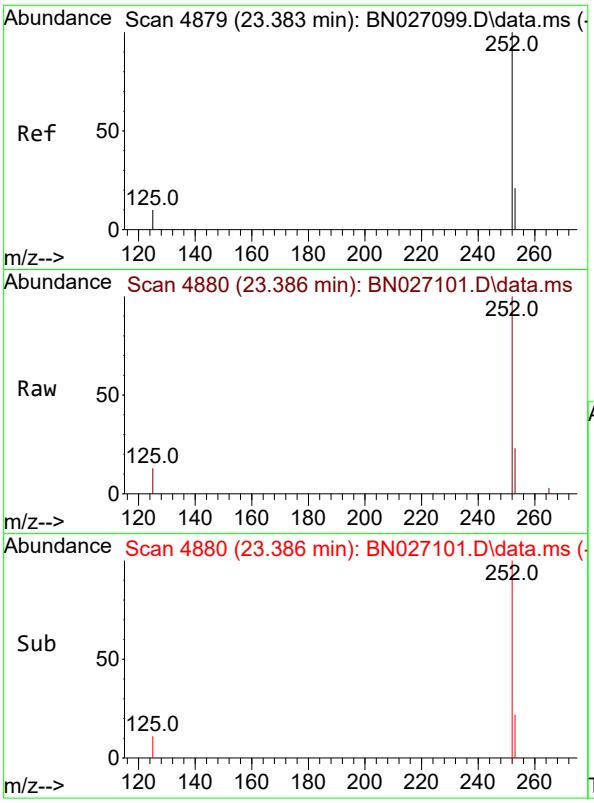


#22
Chrysene
Concen: 1.832 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:228 Resp: 281748

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	36.8
229	22.3	15.8	23.6



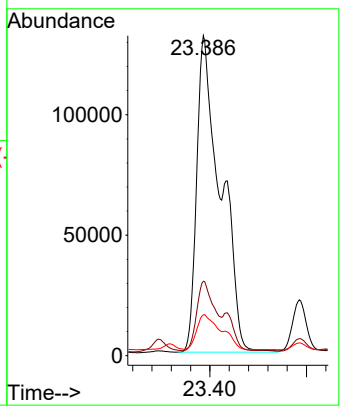


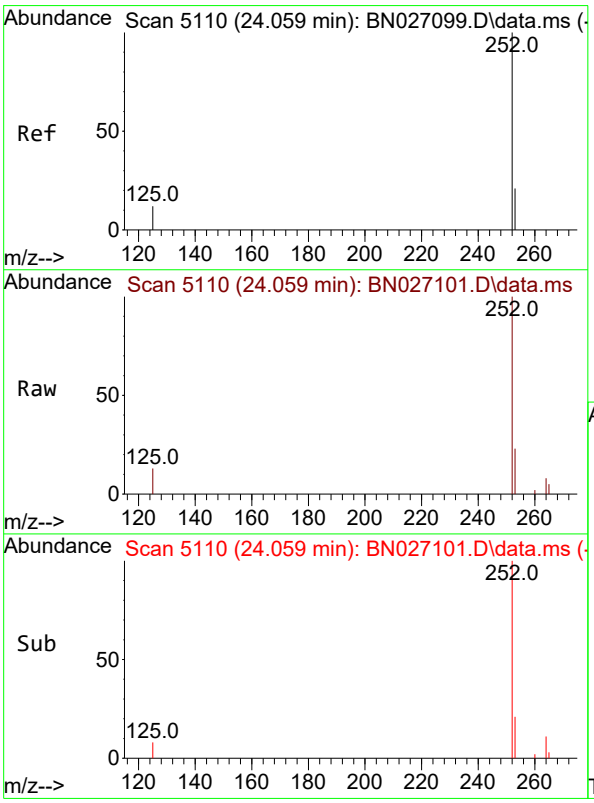
#24
Benzo(b)fluoranthene
Concen: 3.070 ng/ul
RT: 23.386 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:252 Resp: 451560

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.8
125	12.8	0.0	25.2

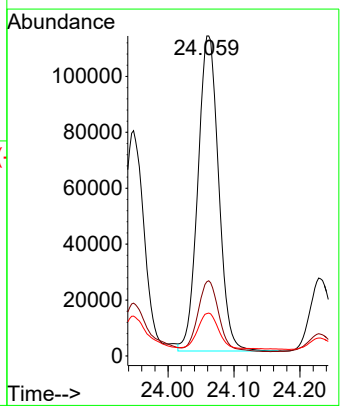


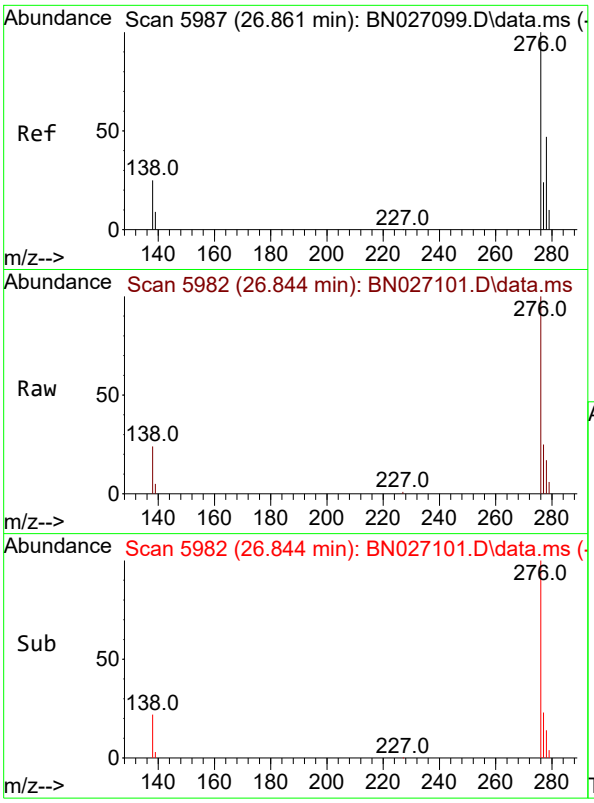


#26
Benzo(a)pyrene
Concen: 1.858 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:252 Resp: 246620

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	13.3	11.4	17.0



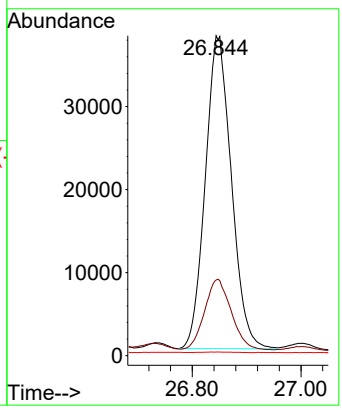


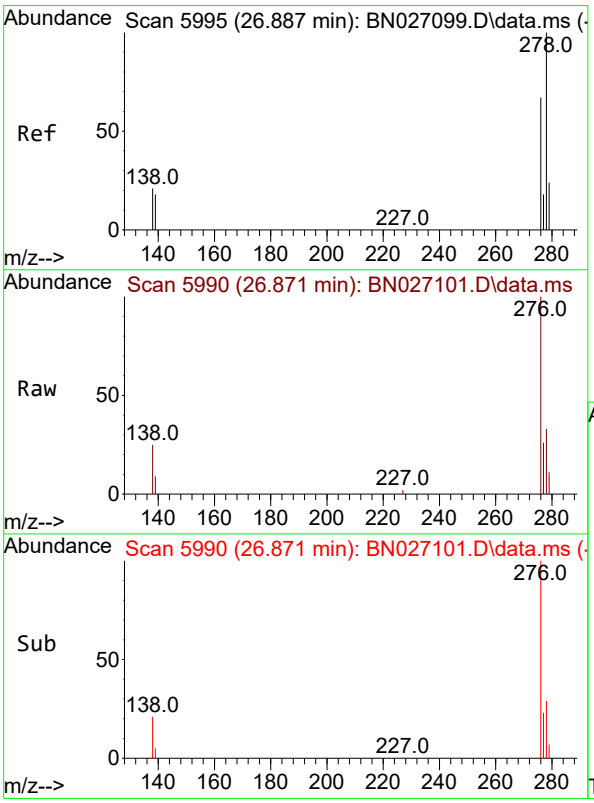
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.723 ng/ul
RT: 26.844 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:276 Resp: 125532

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.6	32.4
227	0.2	0.0	0.0#

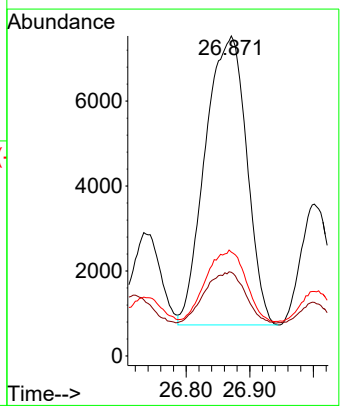


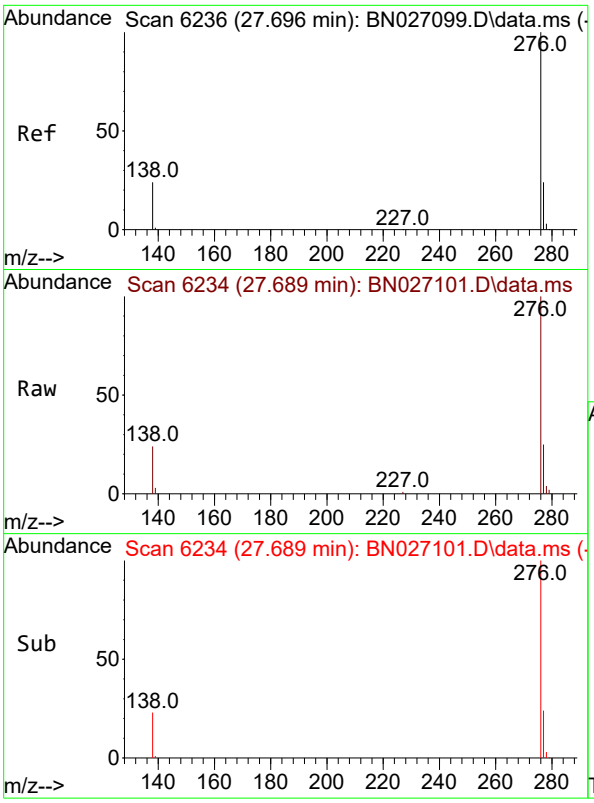


#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. -0.014 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Tgt Ion:278 Resp: 30730

Ion	Ratio	Lower	Upper
278	100		
139	26.1	15.7	23.5#
279	32.4	20.2	30.4#





#29
Benzo(g,h,i)perylene
Concen: 0.817 ng/ul
RT: 27.689 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN027101.D
Acq: 24 Aug 2023 17:24

Instrument :
BNA_N
ClientSampleId :
A48P9RE

Tgt Ion:276 Resp: 118130

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.0	19.8	29.8