Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026092.D
Acq On : 29 Jun 2023 13:36
Operator : MA/JU
Sample : 03142-13DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Quant Time: Jun 30 00:43:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	26575	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15825	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	31453	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17656	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	16324	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4569	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1321	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	2497	0.037	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.831	128	8586	0.113	ng/ul	98
7) 2-Methylnaphthalene	12.442	142	1752	0.036	ng/ul	98
10) Acenaphthylene	14.325	152	10240	0.138	ng/ul	98
12) Fluorene	15.653	166	1676	0.024	ng/ul#	94
15) Phenanthrene	17.393	178	24844	0.239	ng/ul	99
16) Anthracene	17.486	178	16166	0.175	ng/ul	98
19) Fluoranthene	19.410	202	70181	0.744	ng/ul	99
20) Pyrene	19.768	202	73221	0.746	ng/ul	98
21) Benzo(a)anthracene	21.520	228	58886	0.808	ng/ul	97
22) Chrysene	21.573	228	92309	1.218	ng/ul	99
24) Benzo(b)fluoranthene	23.236	252	195457	2.805	ng/ul	92
26) Benzo(a)pyrene	23.873	252	77123	1.274	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.544	276	63840	0.966	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.554	278	15504	0.310	ng/ul	94
29) Benzo(g,h,i)perylene	27.336	276	59805	1.017	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jun 30 00:43:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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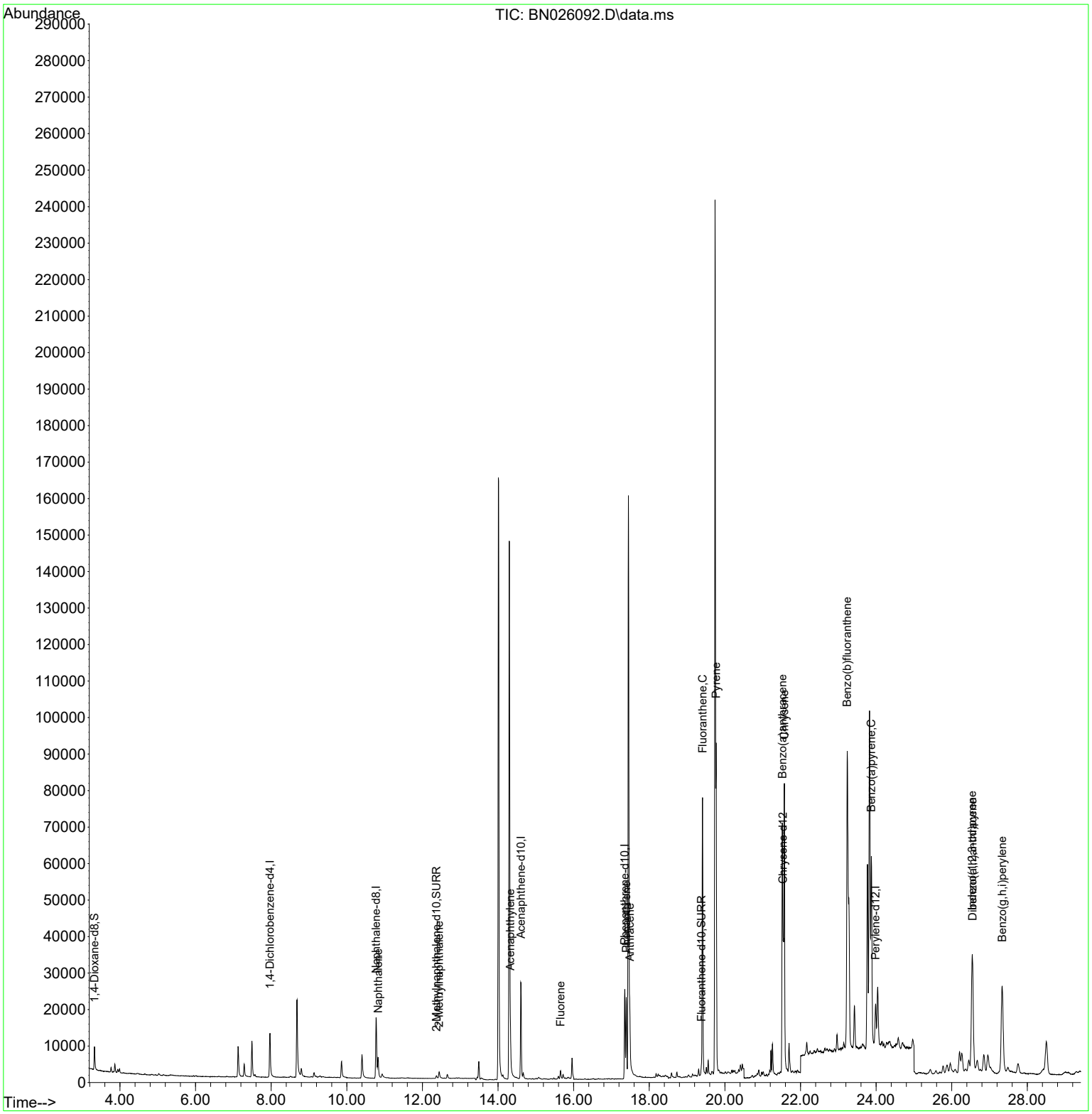
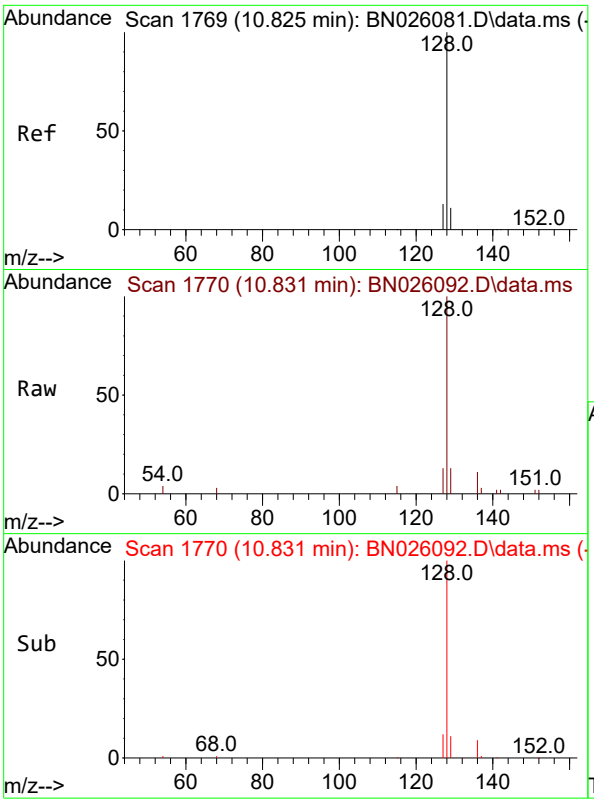


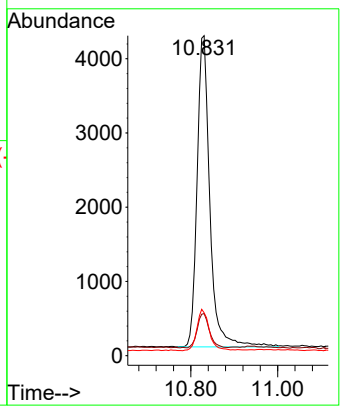


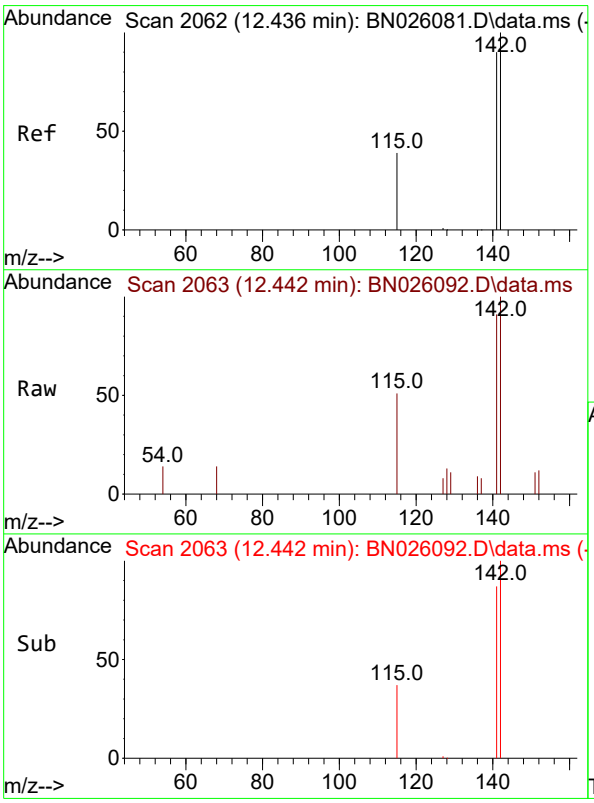
#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:128 Resp: 8586

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.1	13.7
127	13.4	10.7	16.1

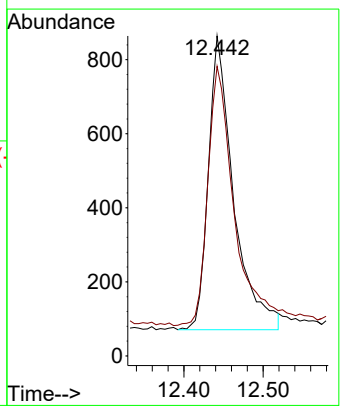


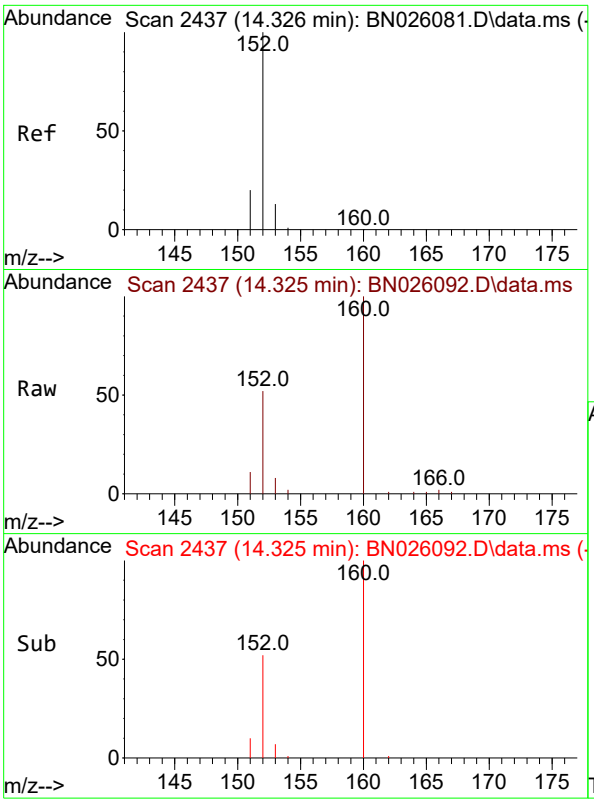


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:142 Resp: 1752

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9



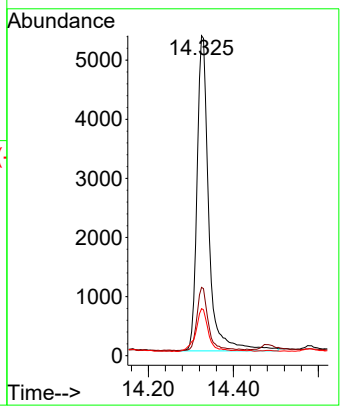


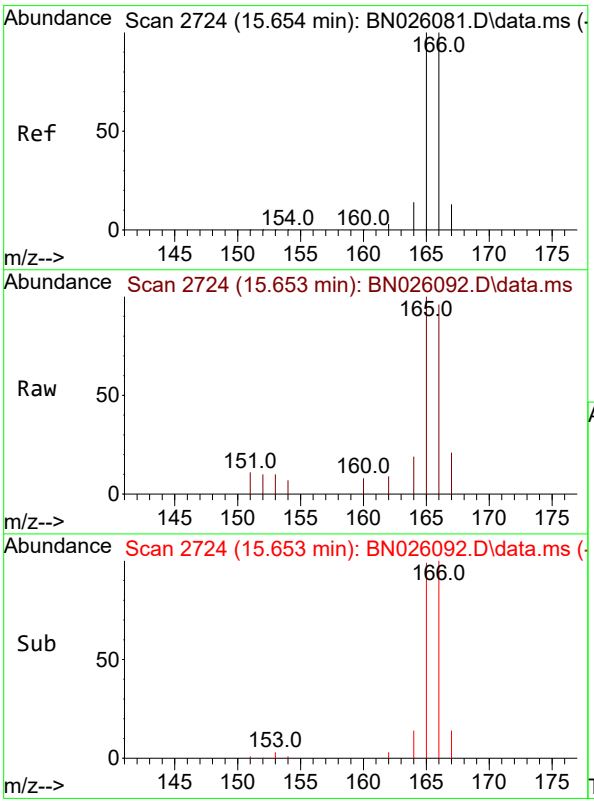
#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 14.325 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:152 Resp: 10240

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.4
153	14.7	10.9	16.3

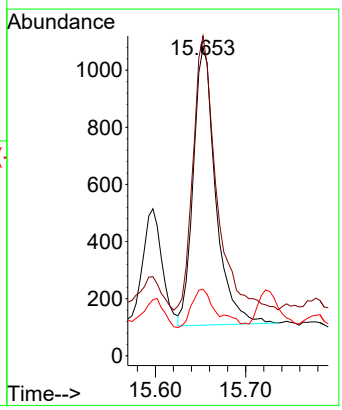


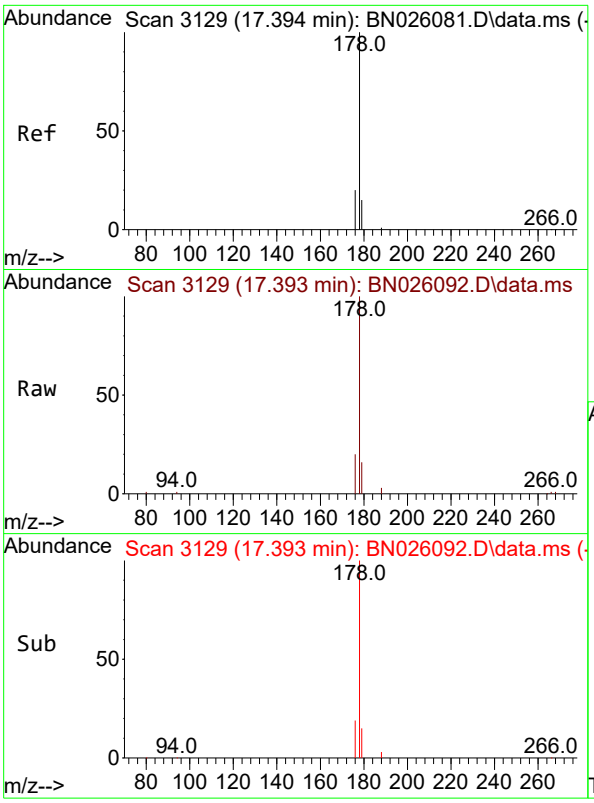


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:166 Resp: 1676

Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.9	119.9
167	21.6	10.8	16.2#



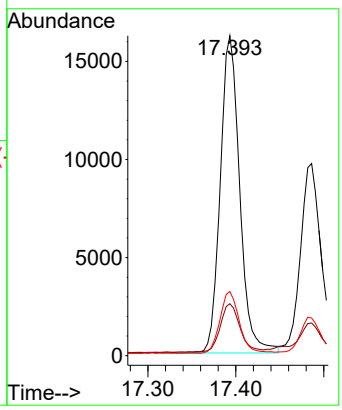


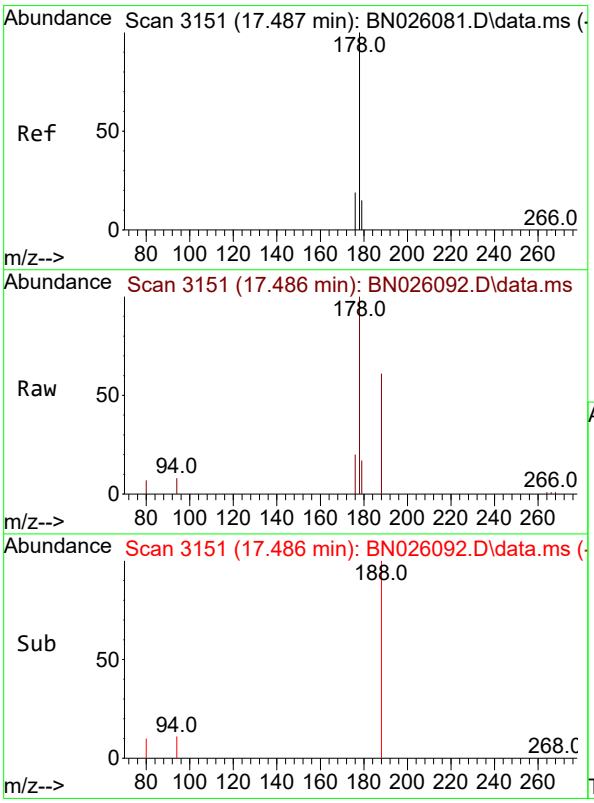
#15
Phenanthrene
Concen: 0.239 ng/ul
RT: 17.393 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:178 Resp: 24844

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	20.0	15.8	23.6

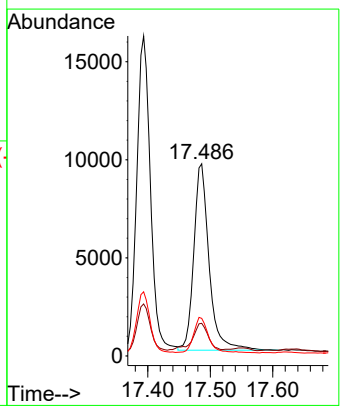


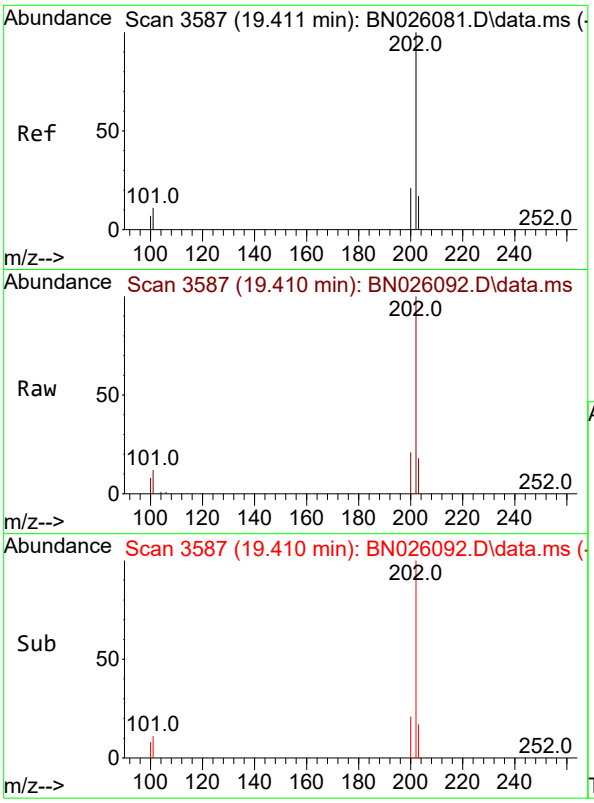


#16
Anthracene
Concen: 0.175 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:178 Resp: 16166

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	19.6	15.1	22.7



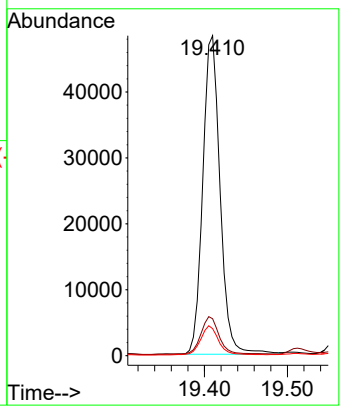


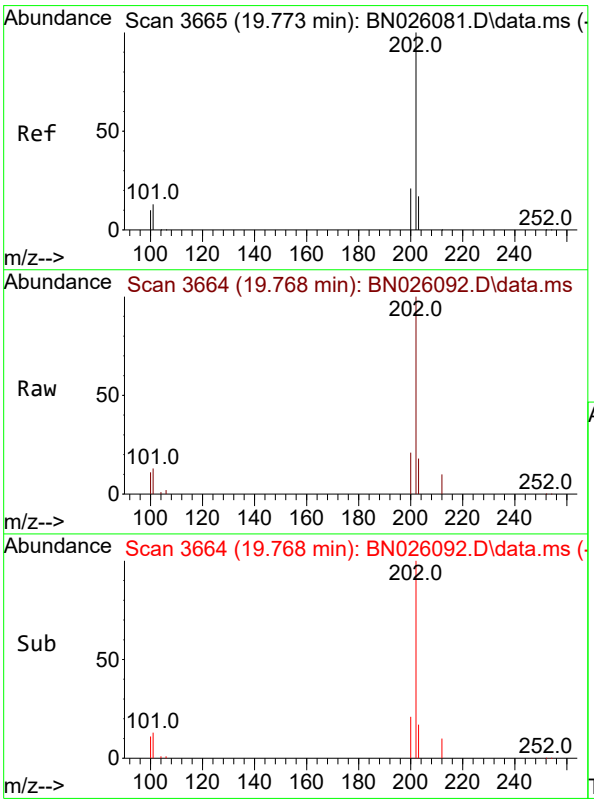
#19
Fluoranthene
Concen: 0.744 ng/ul
RT: 19.410 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:202 Resp: 70181

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.5	14.3
100	8.5	7.3	10.9

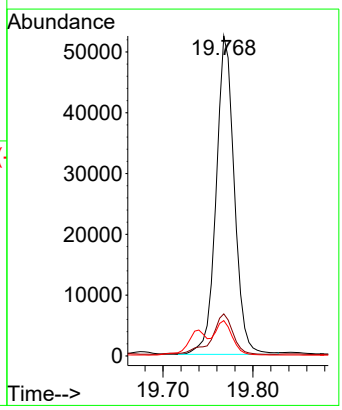


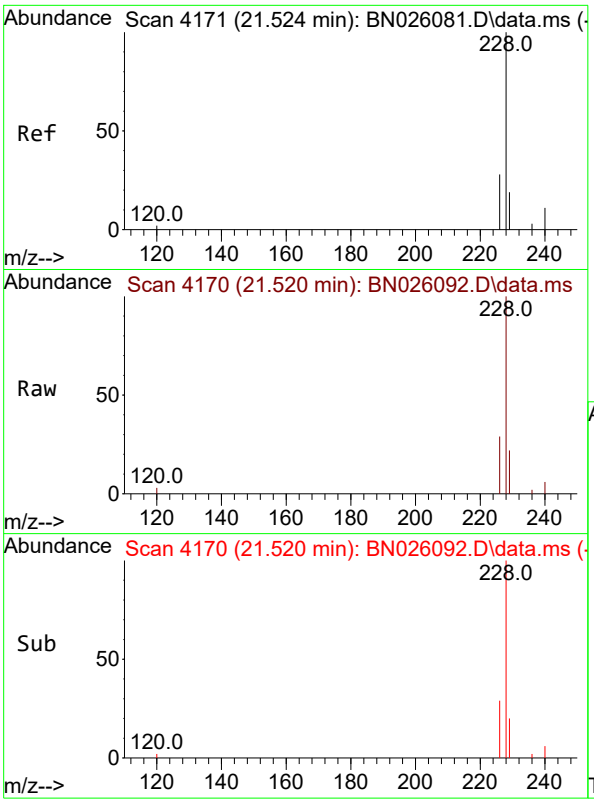


#20
Pyrene
Concen: 0.746 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:202 Resp: 73221

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.0
100	11.1	9.1	13.7



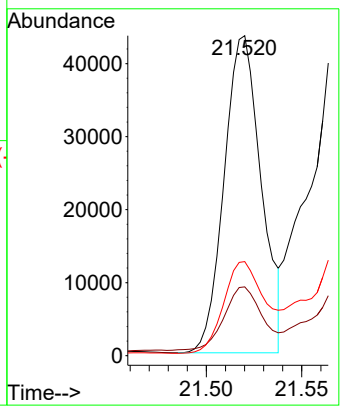


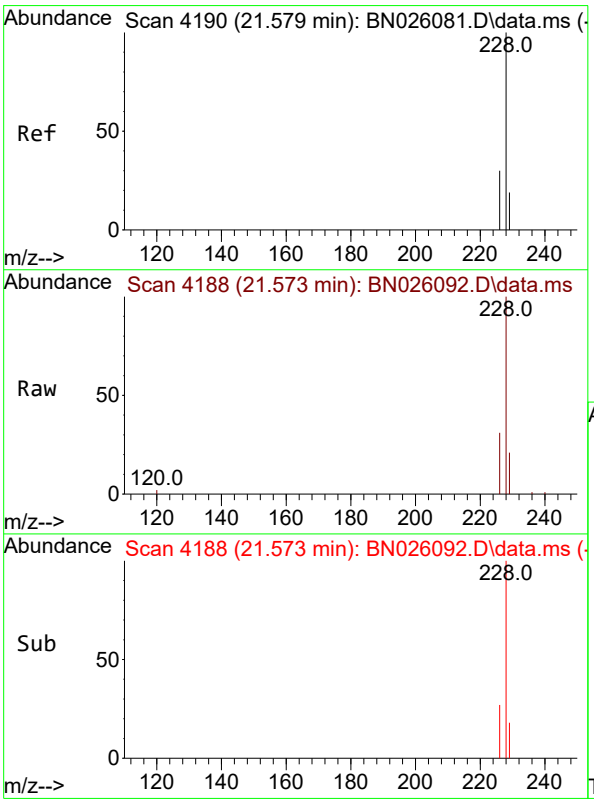
#21
Benzo(a)anthracene
Concen: 0.808 ng/ul
RT: 21.520 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:228 Resp: 58886

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	29.4	22.5	33.7

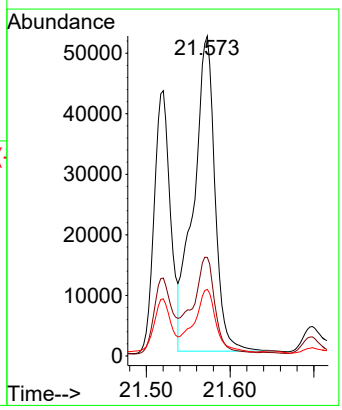


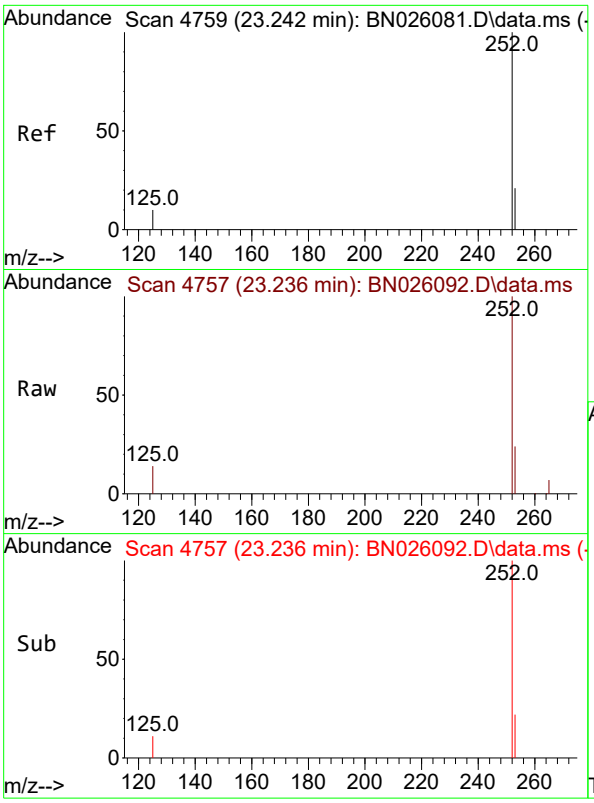


#22
Chrysene
Concen: 1.218 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:228 Resp: 92309

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	20.8	15.7	23.5



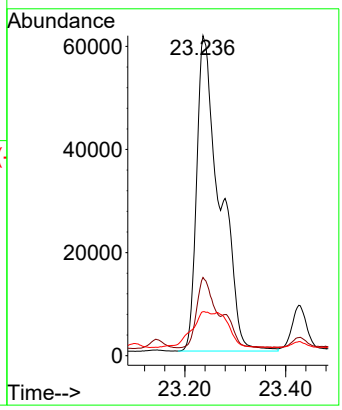


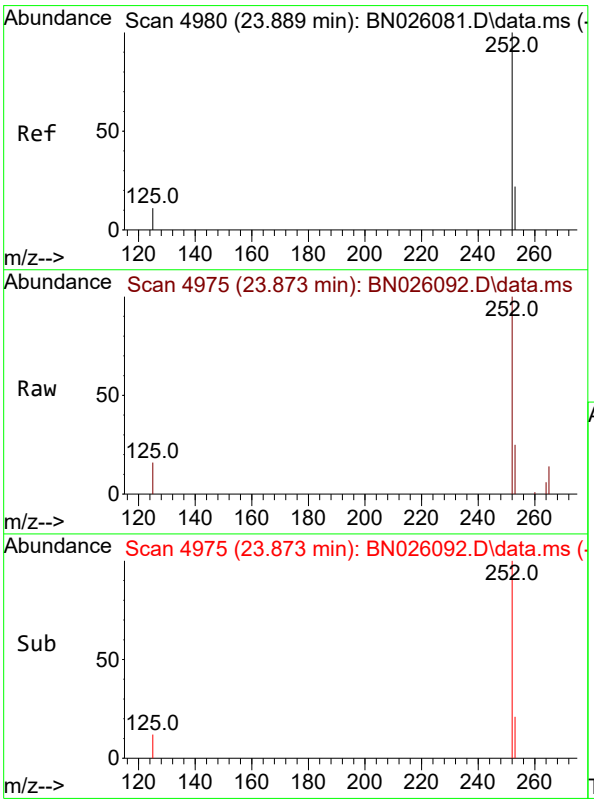
#24
Benzo(b)fluoranthene
Concen: 2.805 ng/ul
RT: 23.236 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:252 Resp: 195457

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	55.6
125	13.7	0.0	35.8

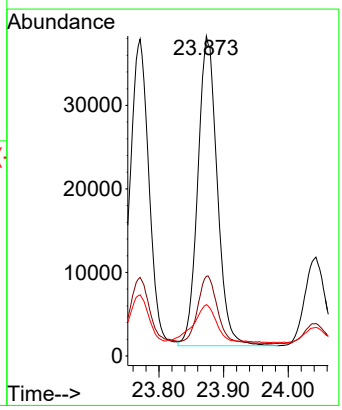


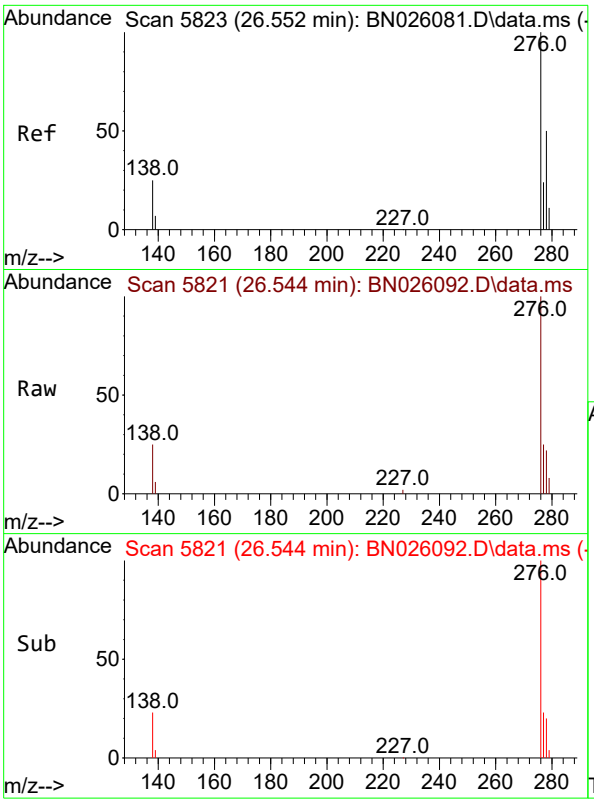


#26
Benzo(a)pyrene
Concen: 1.274 ng/ul
RT: 23.873 min Scan# 4975
Delta R.T. -0.032 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:252 Resp: 77123

Ion	Ratio	Lower	Upper
252	100		
253	24.9	26.0	39.0#
125	16.1	17.3	25.9#



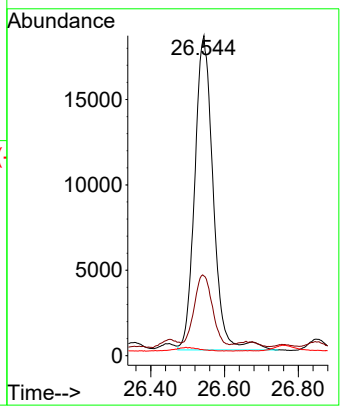


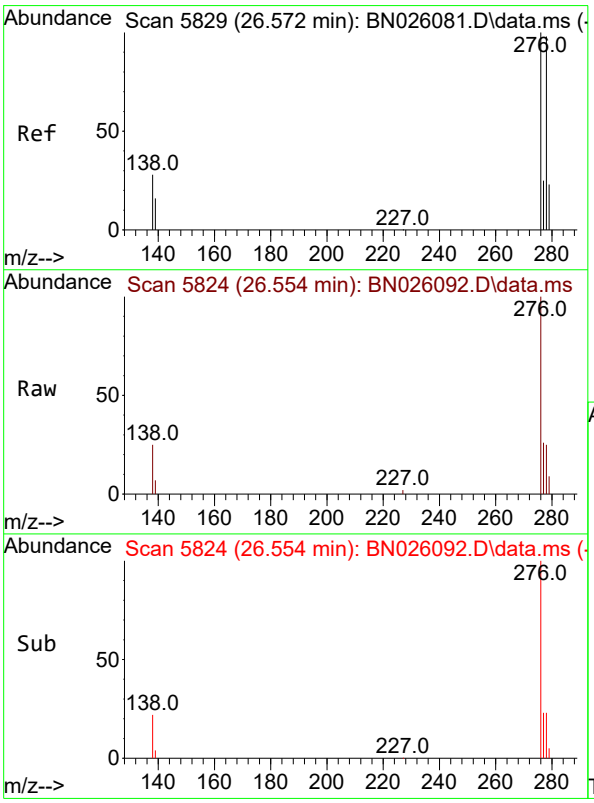
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.966 ng/ul
RT: 26.544 min Scan# 5
Delta R.T. -0.050 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:276 Resp: 63840

Ion	Ratio	Lower	Upper
276	100		
138	23.2	24.5	36.7#
227	0.0	0.0	0.0

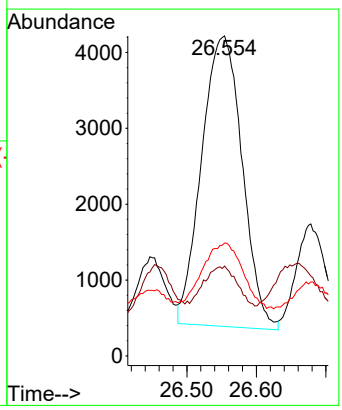


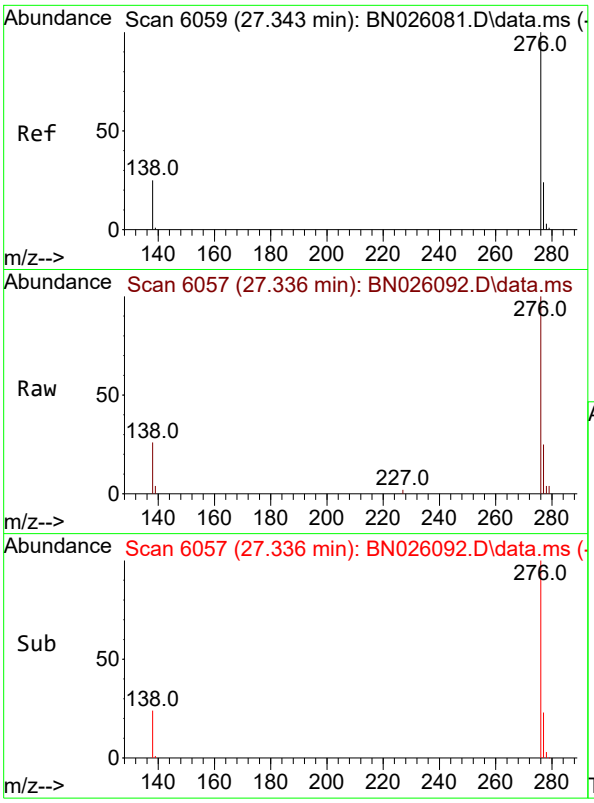


#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.060 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Tgt Ion:278 Resp: 15504

Ion	Ratio	Lower	Upper
278	100		
139	28.1	19.0	28.4
279	35.3	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 1.017 ng/ul
RT: 27.336 min Scan# 6
Delta R.T. -0.050 min
Lab File: BN026092.D
Acq: 29 Jun 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFT0DL

Tgt Ion:276 Resp: 59805

Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.0
277	24.9	20.0	30.0