Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025932.D
Acq On : 22 Jun 2023 11:58
Operator : MA/JU
Sample : 03083-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK4

Quant Time: Jun 23 01:02:27 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 : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	9055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	28599	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	17604	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	35759	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	18738	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	15912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	26678	2.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	8139	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	16048	0.225	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.842	128	38499	0.470	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	19683	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.668	142	13616	0.252	ng/ul	100
10) Acenaphthylene	14.340	152	99987	1.213	ng/ul	100
11) Acenaphthene	14.682	153	4946	0.073	ng/ul	96
12) Fluorene	15.663	166	5797	0.075	ng/ul#	91
15) Phenanthrene	17.403	178	177888	1.506	ng/ul	100
16) Anthracene	17.496	178	43333	0.413	ng/ul	99
19) Fluoranthene	19.415	202	725970	7.254	ng/ul	100
20) Pyrene	19.778	202	655145	6.294	ng/ul	99
21) Benzo(a)anthracene	21.530	228	335867	4.345	ng/ul	96
22) Chrysene	21.582	228	366785	4.560	ng/ul	97
24) Benzo(b)fluoranthene	23.257	252	751183	11.061	ng/ul	90
26) Benzo(a)pyrene	23.906	252	310236	5.259	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.589	276	235223	3.651	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.595	278	57712	1.184	ng/ul	98
29) Benzo(g,h,i)perylene	27.390	276	223947	3.907	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025932.D
Acq On : 22 Jun 2023 11:58
Operator : MA/JU
Sample : 03083-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK4

Quant Time: Jun 23 01:02:27 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 : Thu Jun 22 01:27:41 2023
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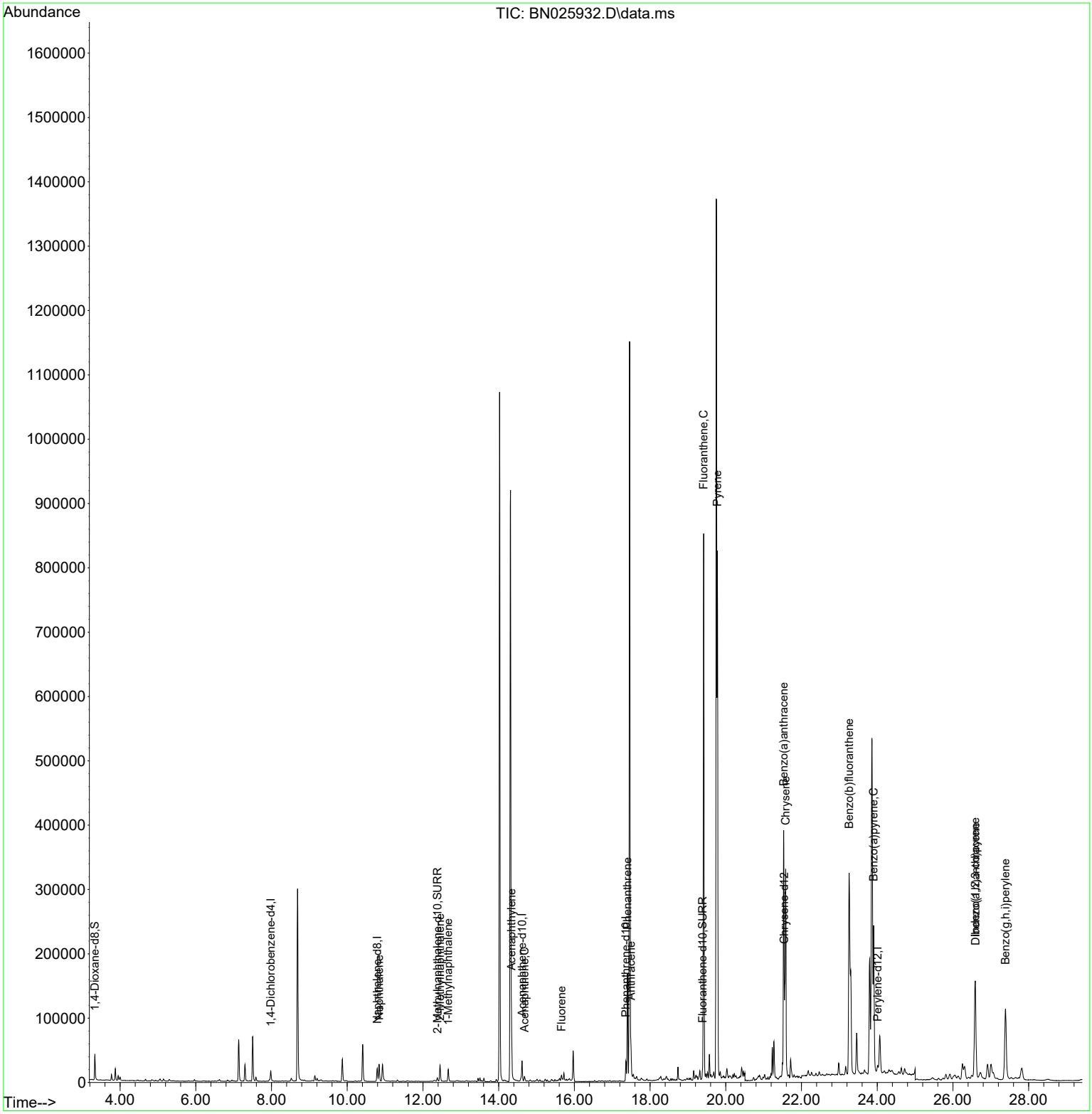
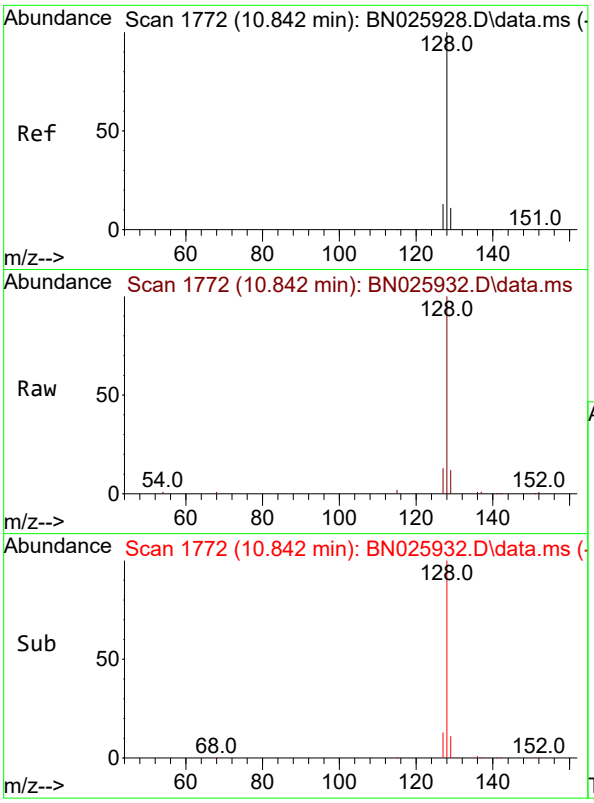


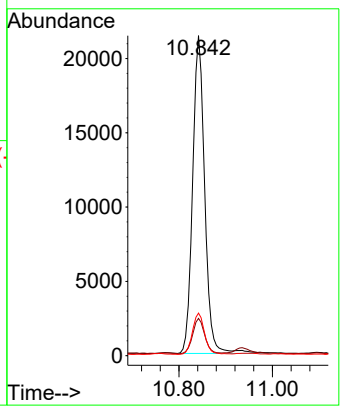


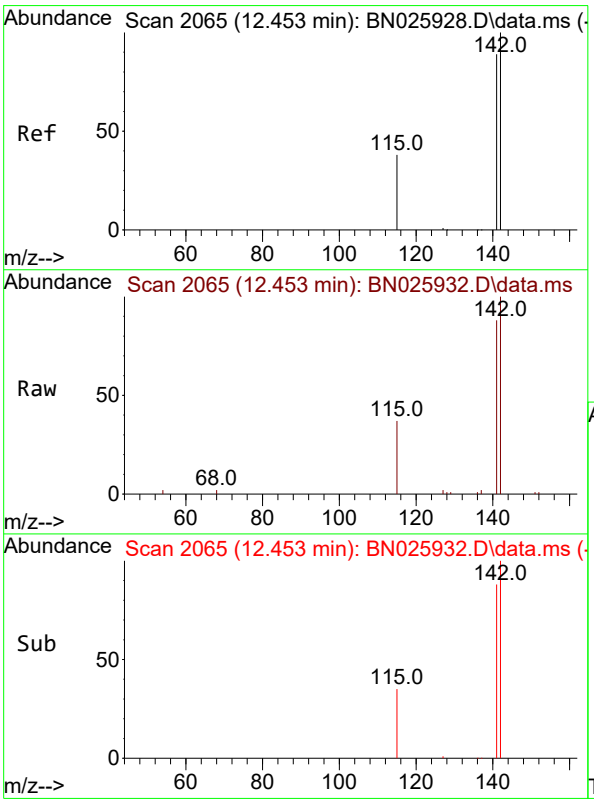
#5
Naphthalene
Concen: 0.470 ng/ul
RT: 10.842 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:128 Resp: 38499

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.3	10.7	16.1

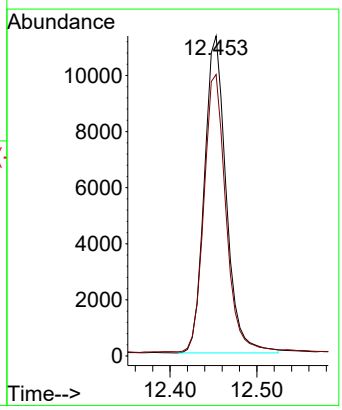


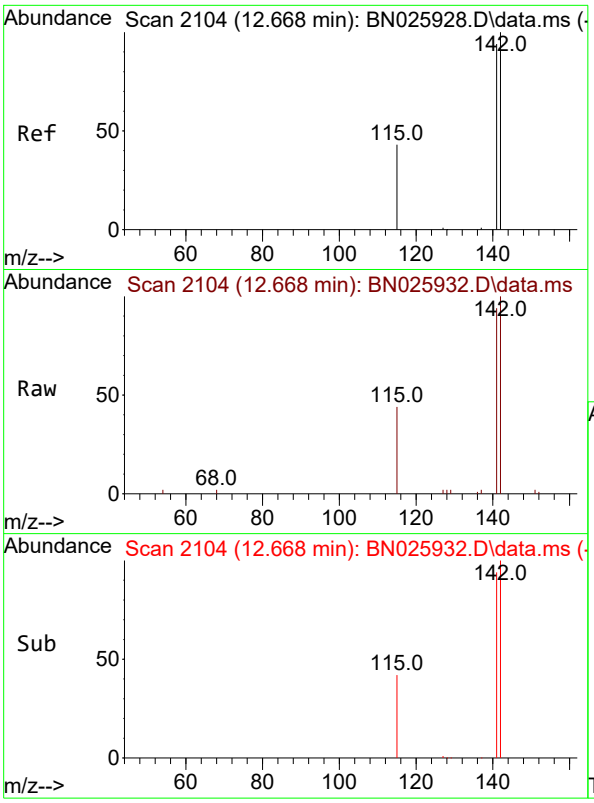


#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:142 Resp: 19683

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9



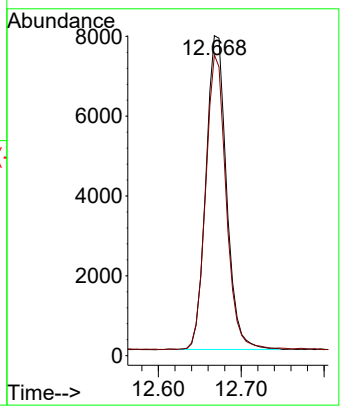


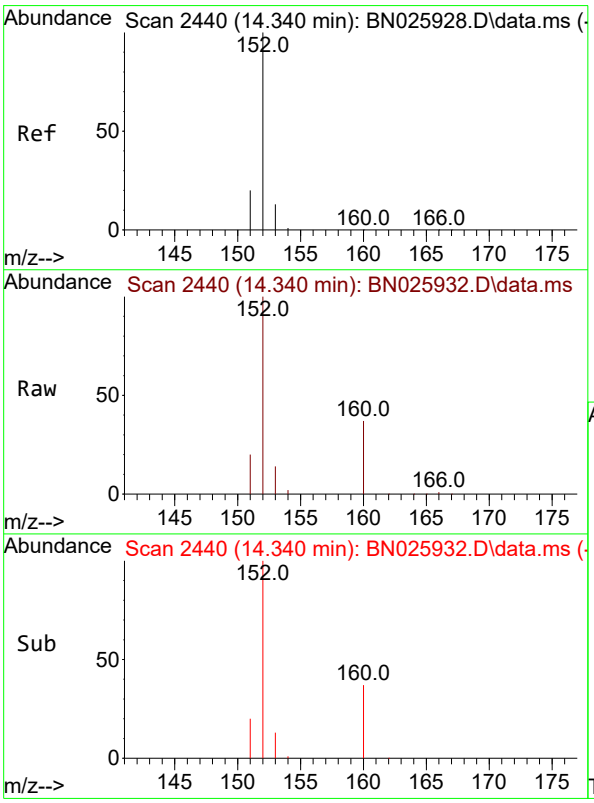
#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.668 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:142 Resp: 13616

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4

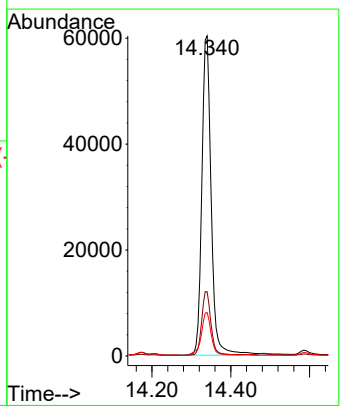


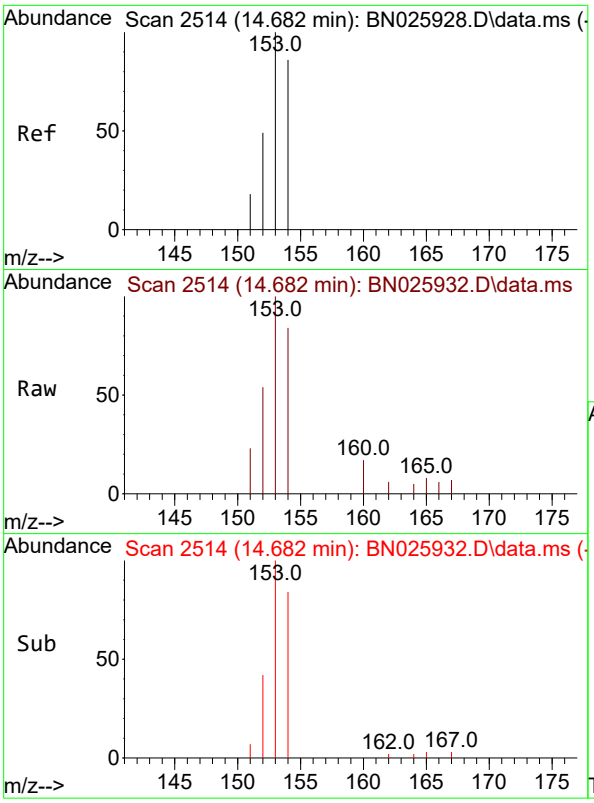


#10
Acenaphthylene
Concen: 1.213 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:152 Resp: 99987

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.5	10.9	16.3



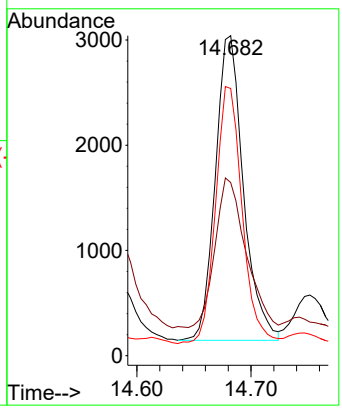


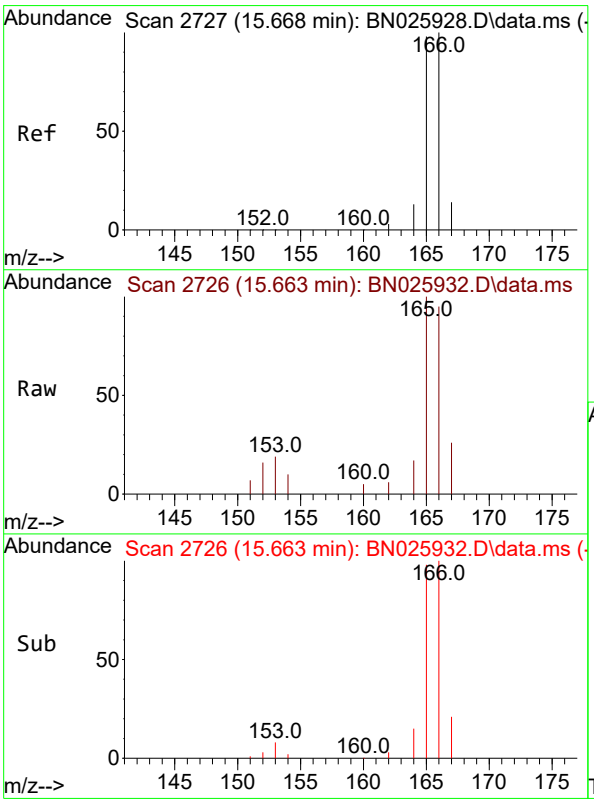
#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.682 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:153 Resp: 4946

Ion	Ratio	Lower	Upper
153	100		
152	54.1	39.4	59.0
154	83.5	68.9	103.3

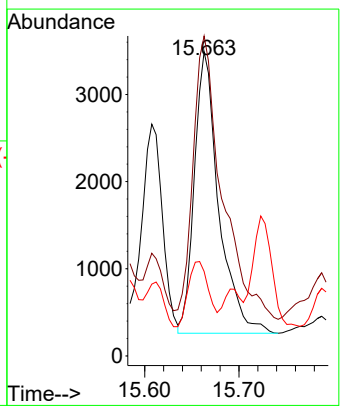


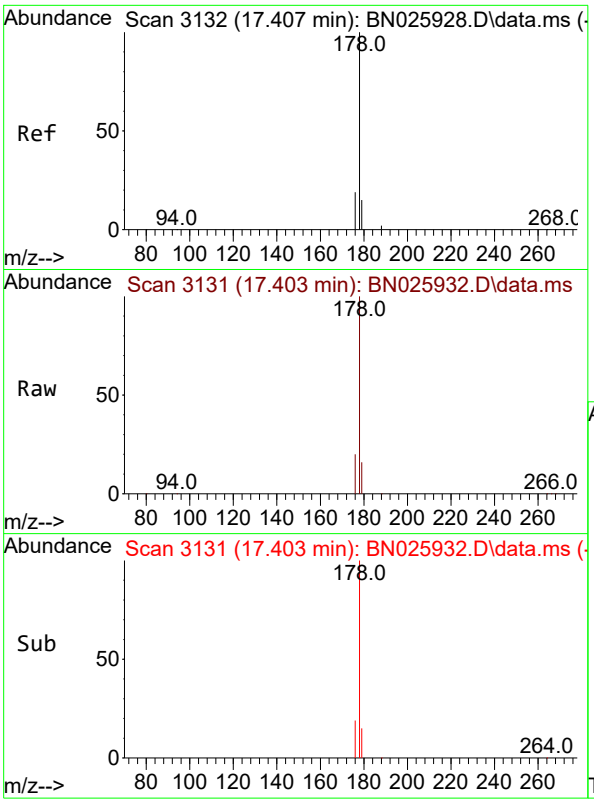


#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:166 Resp: 5797

Ion	Ratio	Lower	Upper
166	100		
165	105.2	79.9	119.9
167	27.8	10.8	16.2#



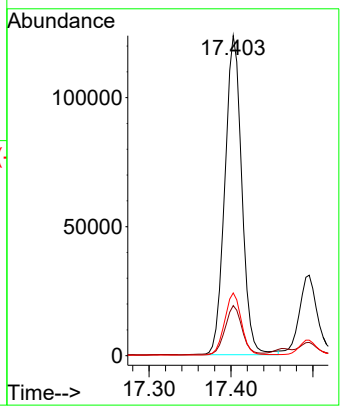


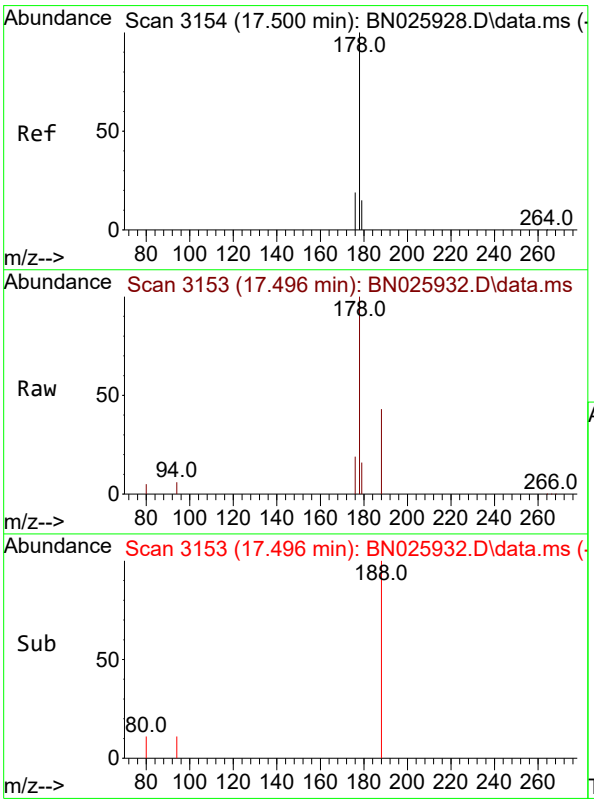
#15
Phenanthrene
Concen: 1.506 ng/ul
RT: 17.403 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:178 Resp: 177888

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.6	15.8	23.6

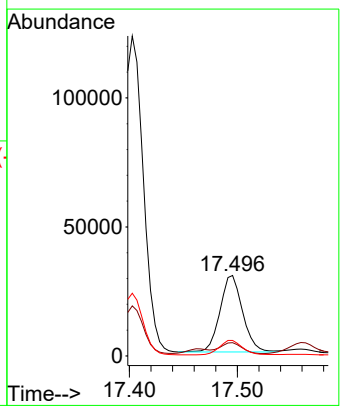


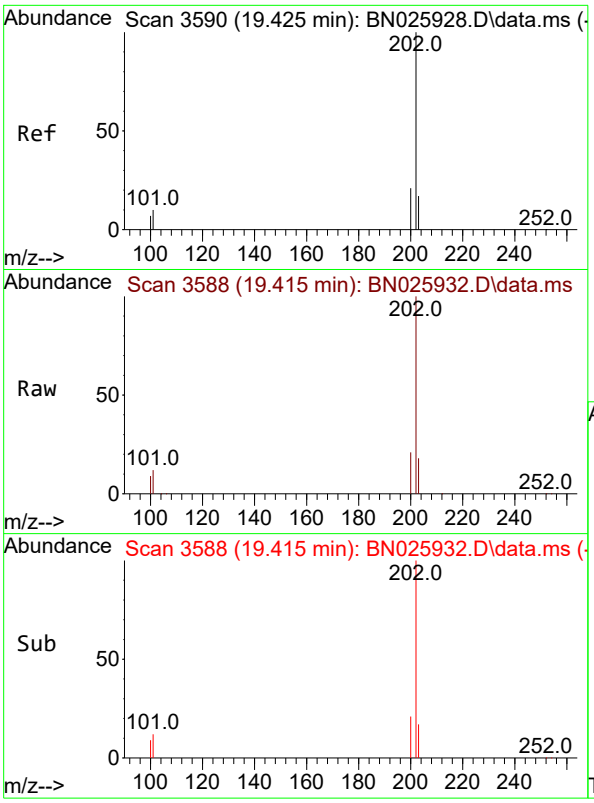


#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.496 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:178 Resp: 43333

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	18.8
176	19.2	15.1	22.7



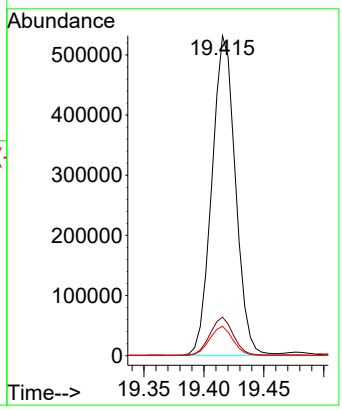


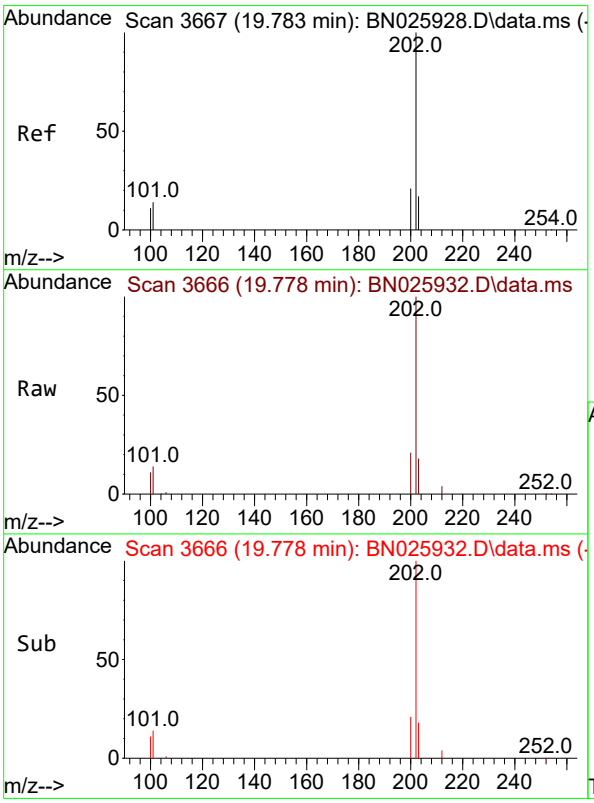
#19
Fluoranthene
Concen: 7.254 ng/ul
RT: 19.415 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:202 Resp: 725970

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.5	14.3
100	9.2	7.3	10.9

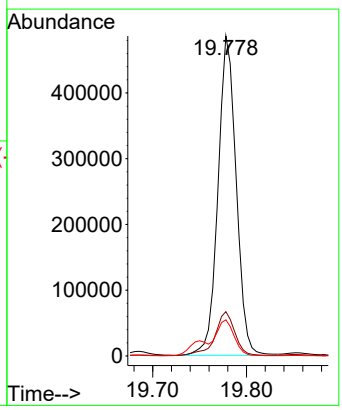


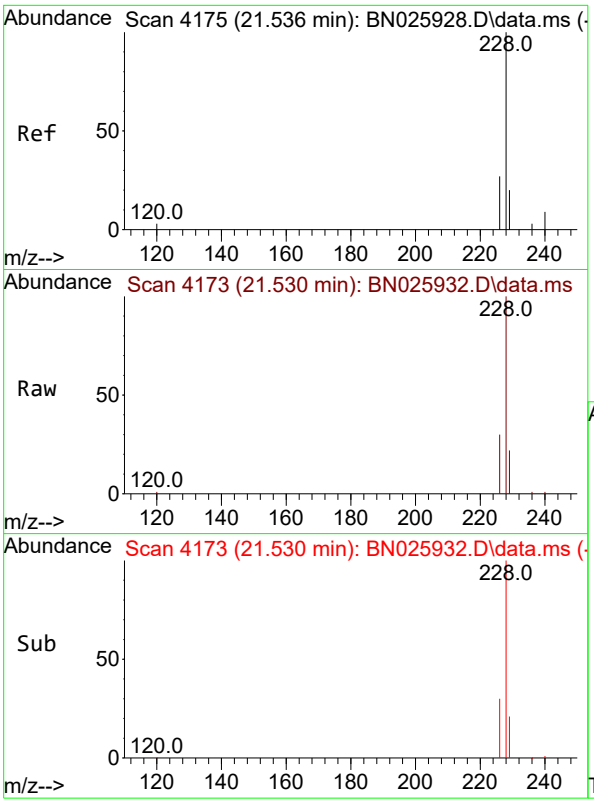


#20
Pyrene
Concen: 6.294 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:202 Resp: 655145

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.0
100	11.3	9.1	13.7



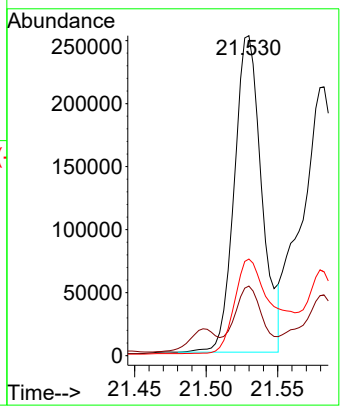


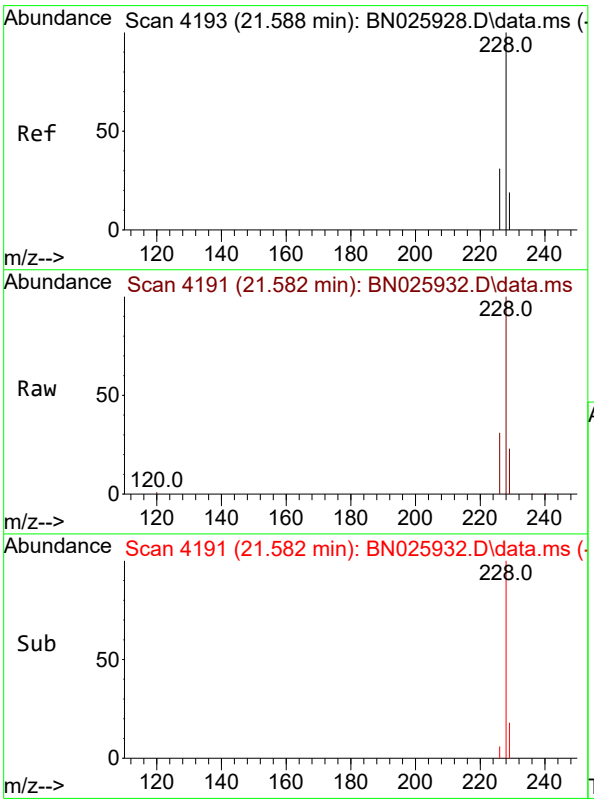
#21
Benzo(a)anthracene
Concen: 4.345 ng/ul
RT: 21.530 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:228 Resp: 335867

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	30.2	22.5	33.7

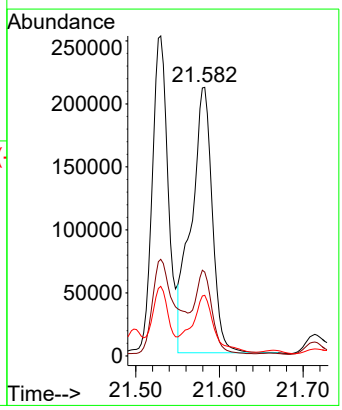


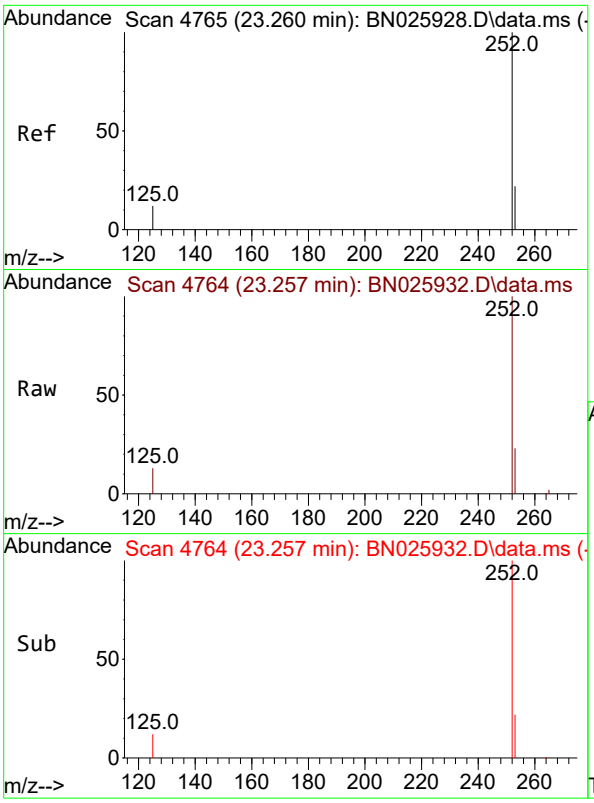


#22
Chrysene
Concen: 4.560 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:228 Resp: 366785

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	22.6	15.7	23.5



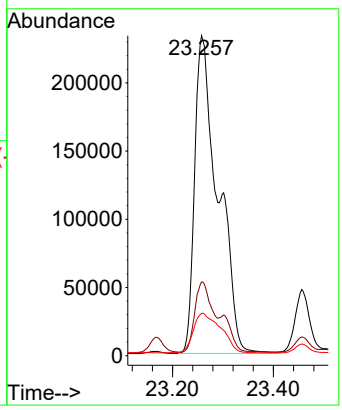


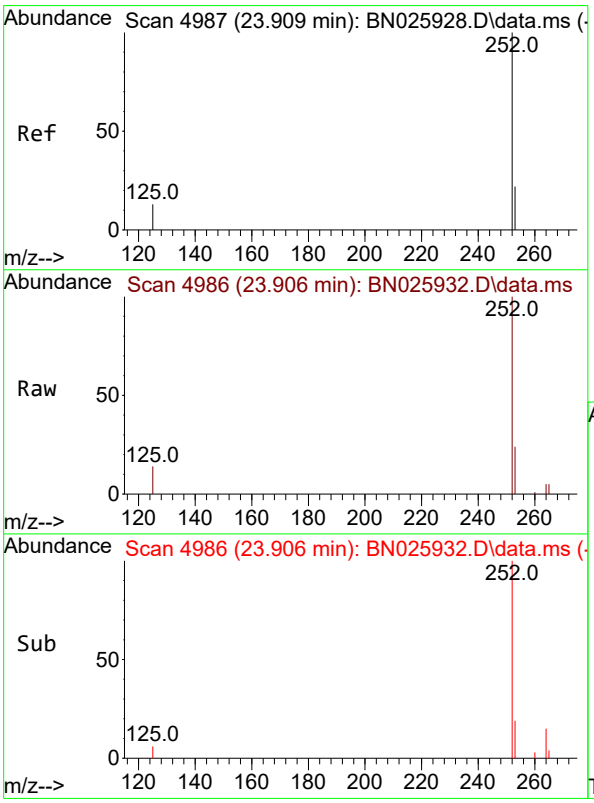
#24
Benzo(b)fluoranthene
Concen: 11.061 ng/ul
RT: 23.257 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:252 Resp: 751183

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	55.6
125	13.2	0.0	35.8

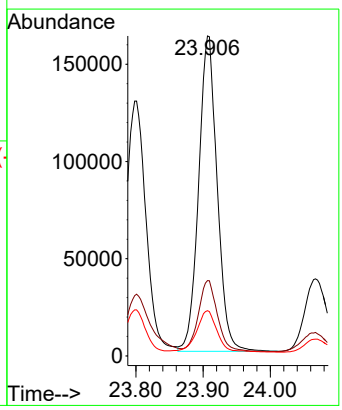


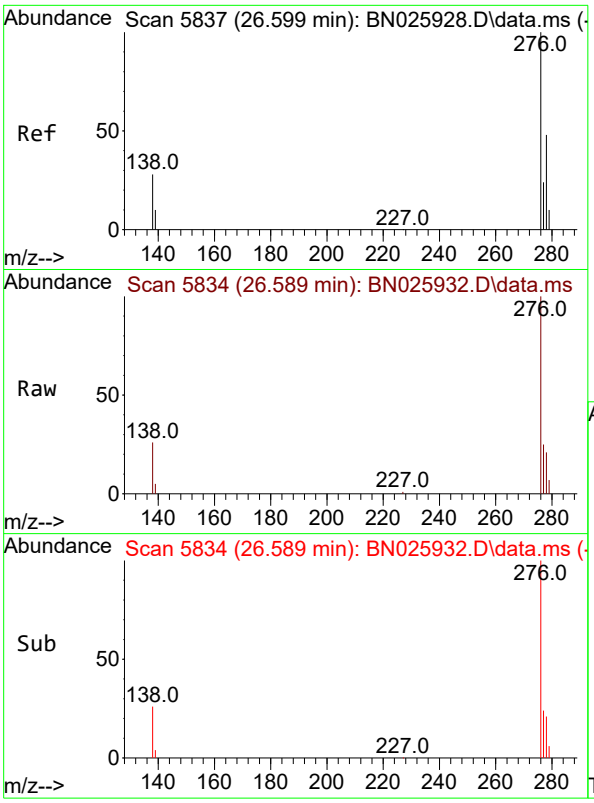


#26
Benzo(a)pyrene
Concen: 5.259 ng/ul
RT: 23.906 min Scan# 4986
Delta R.T. -0.002 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:252 Resp: 310236

Ion	Ratio	Lower	Upper
252	100		
253	23.6	26.0	39.0#
125	14.2	17.3	25.9#



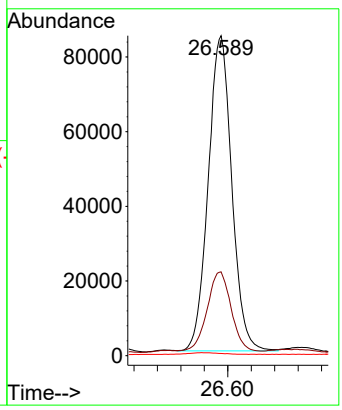


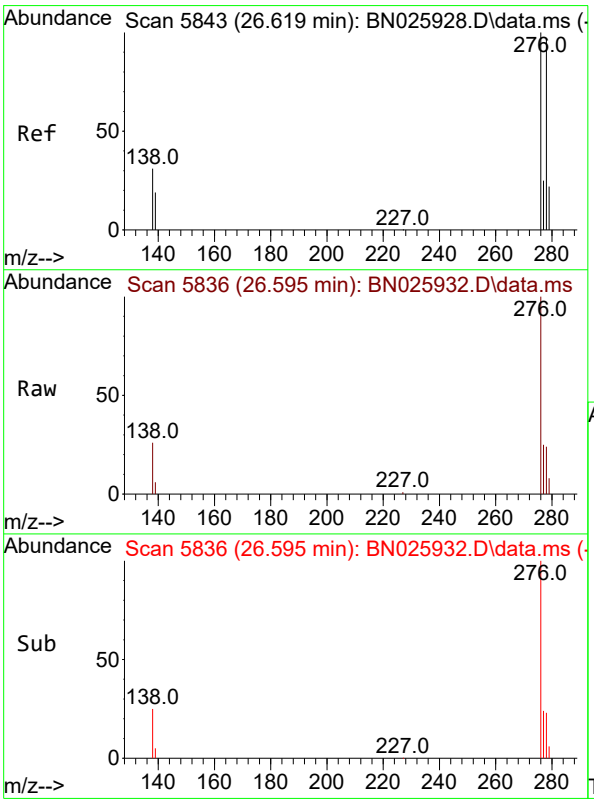
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.651 ng/ul
RT: 26.589 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:276 Resp: 235223

Ion	Ratio	Lower	Upper
276	100		
138	26.5	24.5	36.7
227	0.0	0.0	0.0

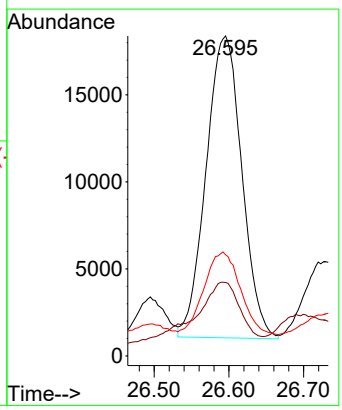


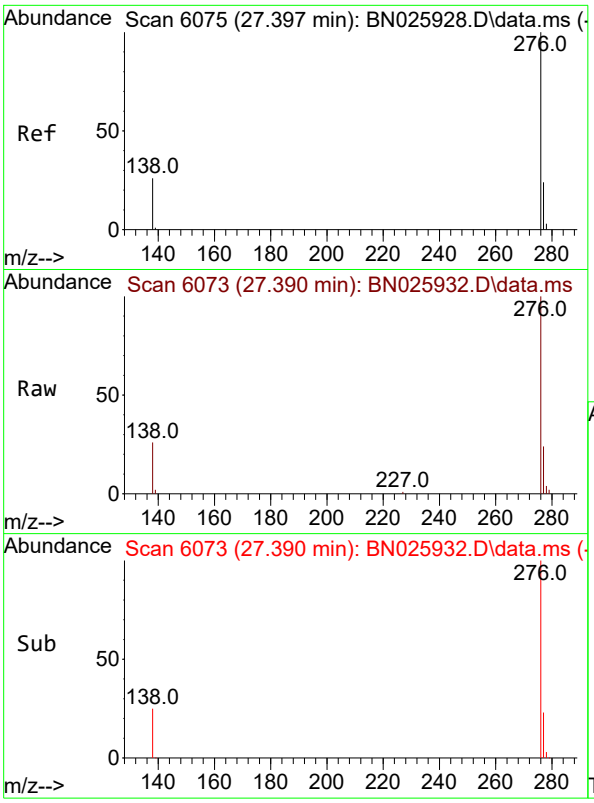


#28
Dibenzo(a,h)anthracene
Concen: 1.184 ng/ul
RT: 26.595 min Scan# 5836
Delta R.T. -0.026 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:278 Resp: 57712

Ion	Ratio	Lower	Upper
278	100		
139	22.9	19.0	28.4
279	31.6	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 3.907 ng/ul
RT: 27.390 min Scan# 6
Delta R.T. 0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
DCFK4

Tgt Ion:276 Resp: 223947

Ion	Ratio	Lower	Upper
276	100		
138	26.2	23.4	35.0
277	24.0	20.0	30.0