Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025933.D
Acq On : 22 Jun 2023 12:34
Operator : MA/JU
Sample : 03083-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK5

Quant Time: Jun 23 01:02:37 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	8846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	27374	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16751	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	33162	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	16817	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	15423	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	23995	2.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	8136	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15246	0.238	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.842	128	43330	0.552	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	23484	0.470	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	17891	0.346	ng/ul	100
10) Acenaphthylene	14.339	152	45341	0.578	ng/ul	99
11) Acenaphthene	14.681	153	4964	0.077	ng/ul	97
12) Fluorene	15.662	166	8547	0.116	ng/ul#	94
15) Phenanthrene	17.402	178	237392	2.167	ng/ul	99
16) Anthracene	17.495	178	23010	0.236	ng/ul	97
19) Fluoranthene	19.419	202	437168	4.867	ng/ul	98
20) Pyrene	19.782	202	326629	3.496	ng/ul	97
21) Benzo(a)anthracene	21.532	228	117547	1.694	ng/ul	96
22) Chrysene	21.584	228	179947	2.493	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	324166	4.924	ng/ul	93
26) Benzo(a)pyrene	23.894	252	125395	2.193	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.564	276	113334	1.815	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.574	278	27363	0.579	ng/ul	95
29) Benzo(g,h,i)perylene	27.356	276	121465	2.186	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025933.D
Acq On : 22 Jun 2023 12:34
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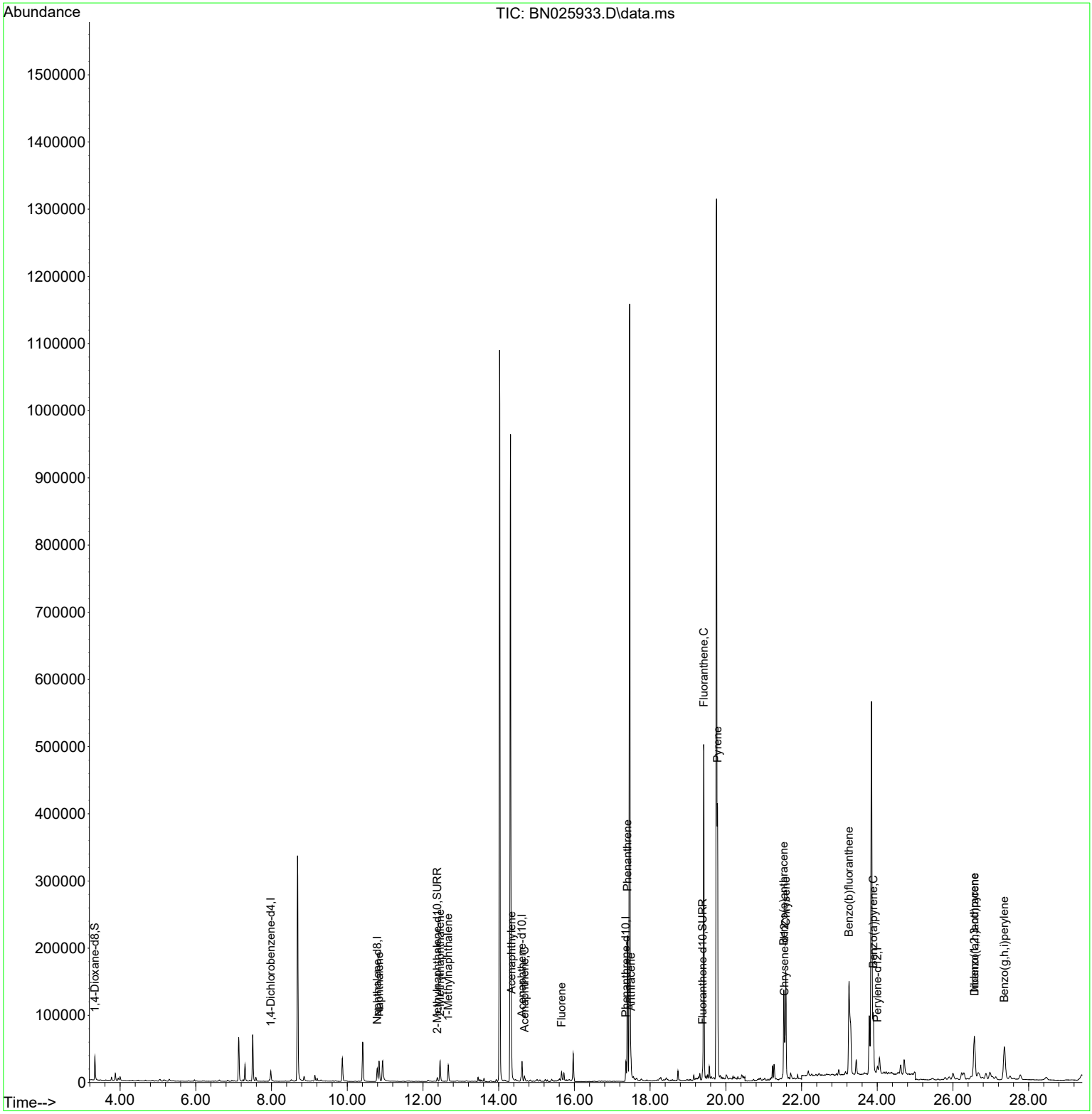
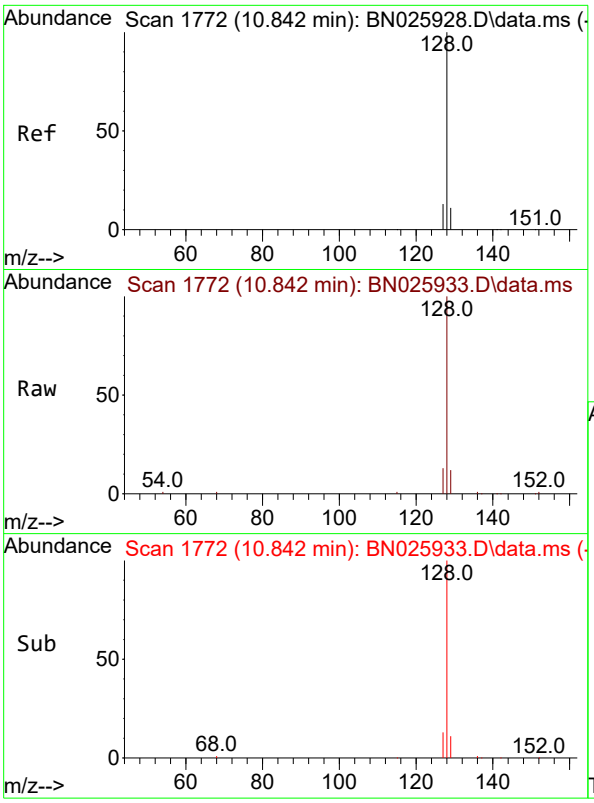
Quant Time: Jun 23 01:02:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration



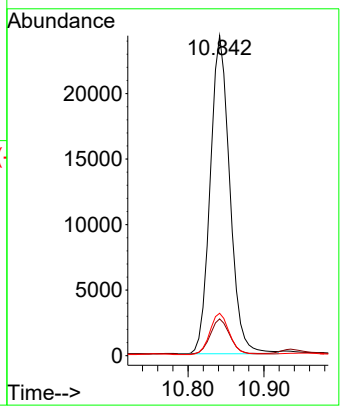


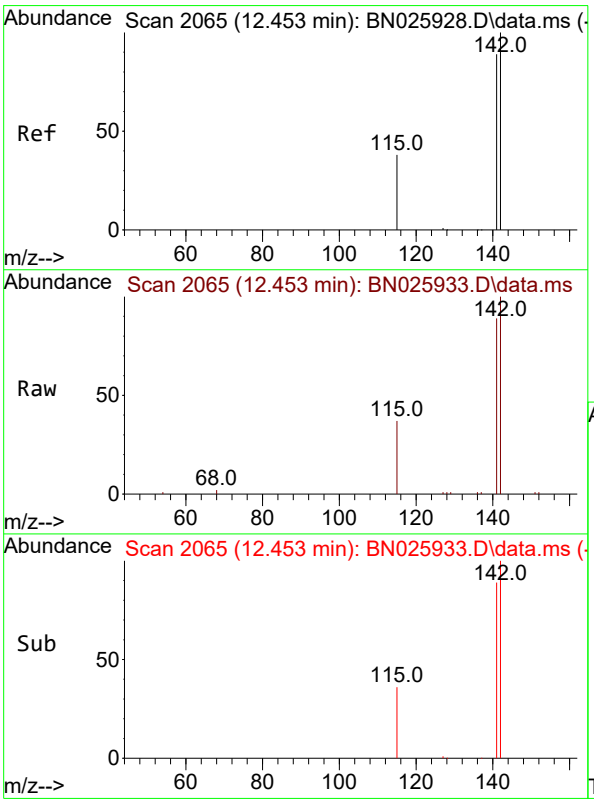
#5
Naphthalene
Concen: 0.552 ng/ul
RT: 10.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:128 Resp: 43330

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.2	10.7	16.1

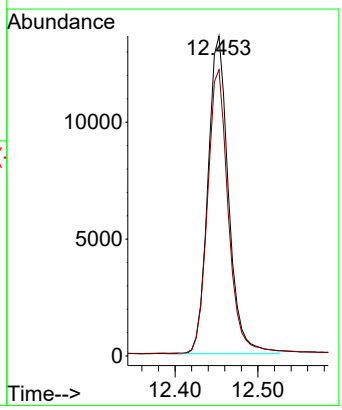


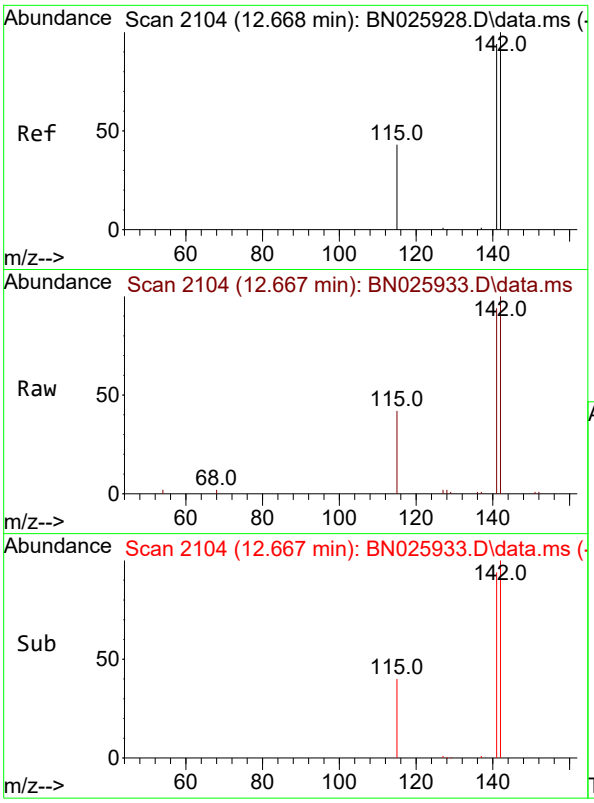


#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:142 Resp: 23484

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9



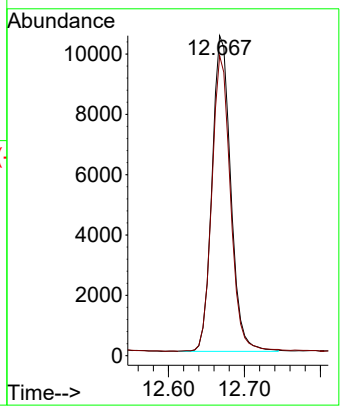


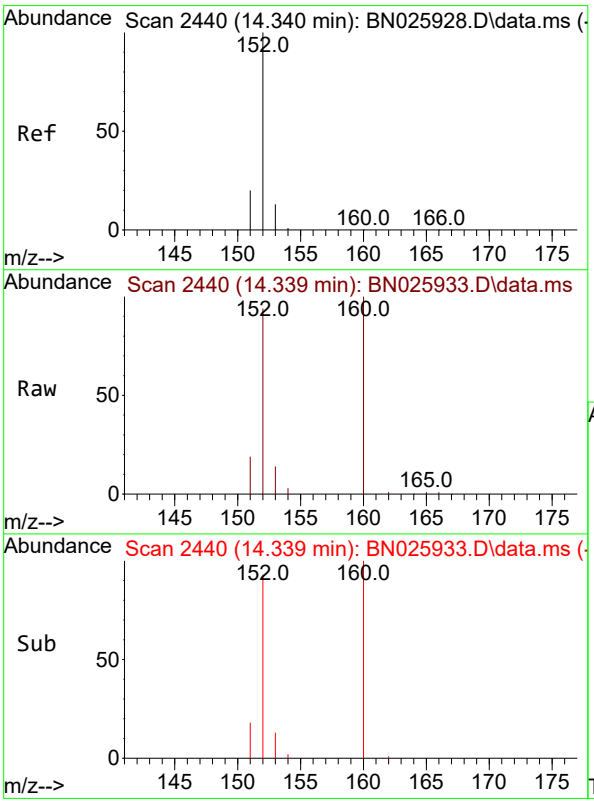
#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.667 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:142 Resp: 17891

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4

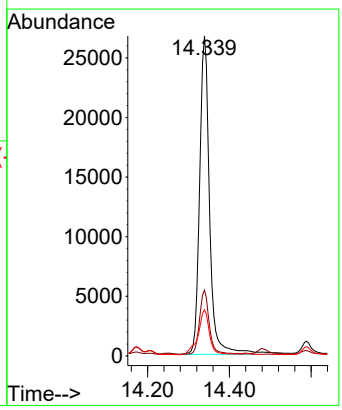


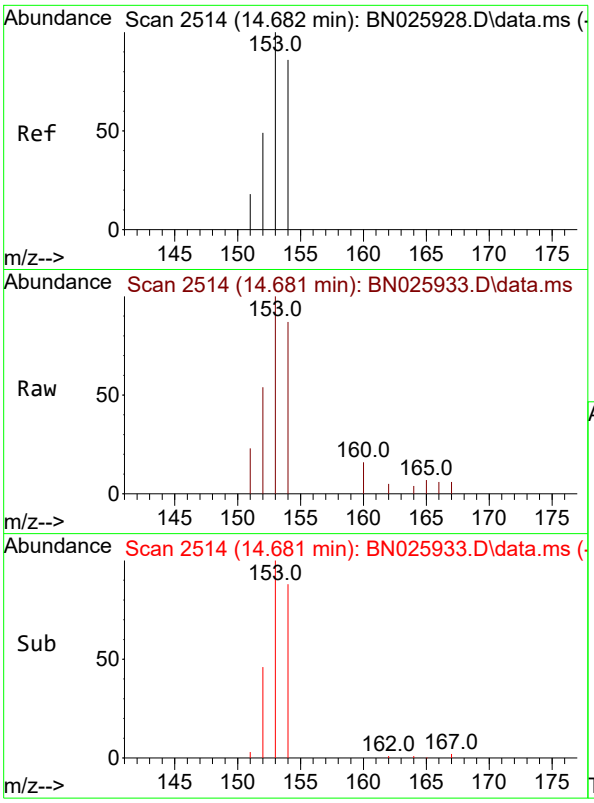


#10
Acenaphthylene
Concen: 0.578 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:152 Resp: 45341

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	14.5	10.9	16.3



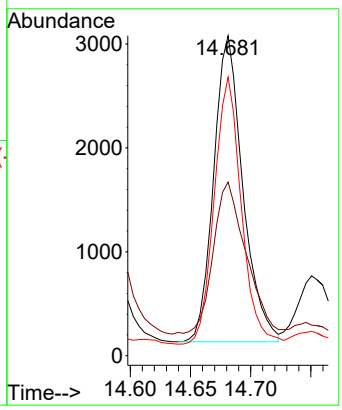


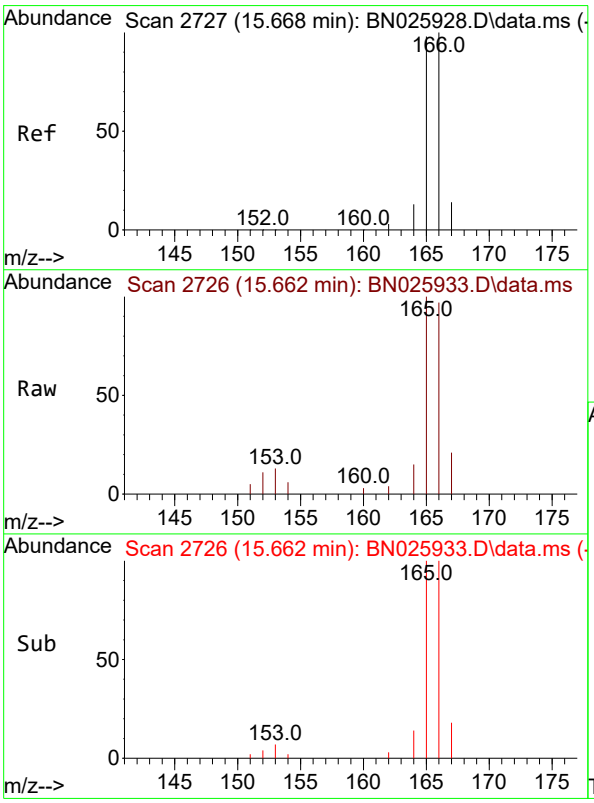
#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.681 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:153 Resp: 4964

Ion	Ratio	Lower	Upper
153	100		
152	54.3	39.4	59.0
154	87.0	68.9	103.3

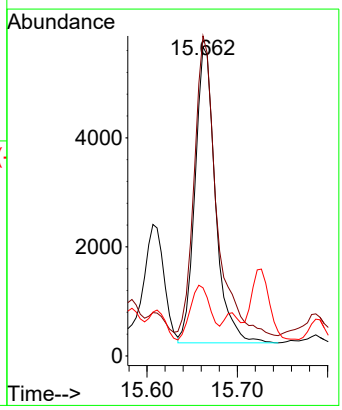


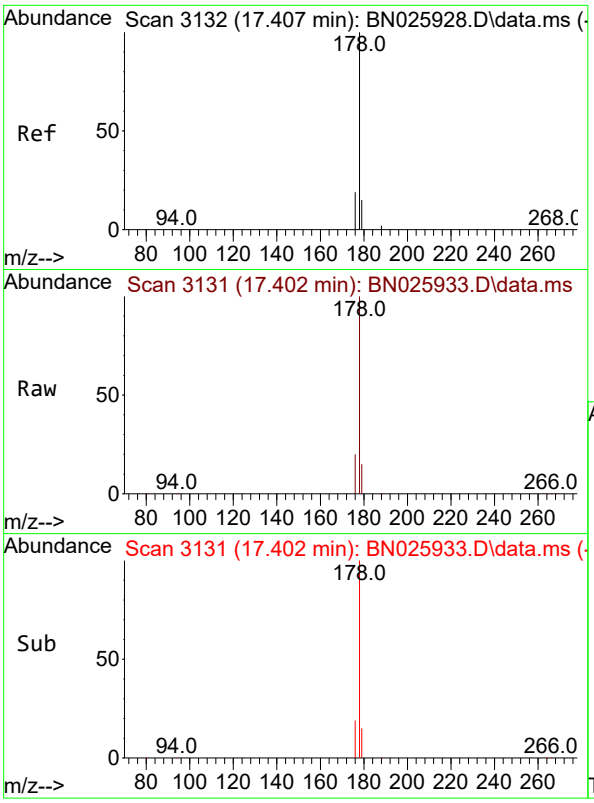


#12
Fluorene
Concen: 0.116 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:166 Resp: 8547

Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.9	119.9
167	22.1	10.8	16.2#



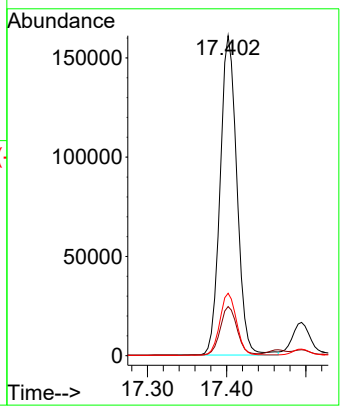


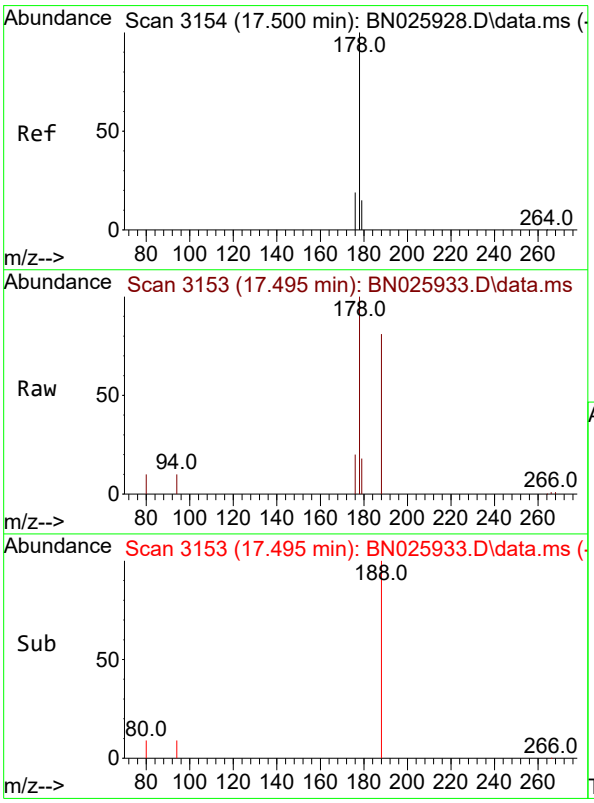
#15
Phenanthrene
Concen: 2.167 ng/ul
RT: 17.402 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:178 Resp: 237392

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.5	15.8	23.6

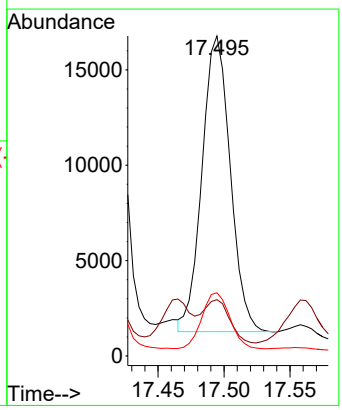


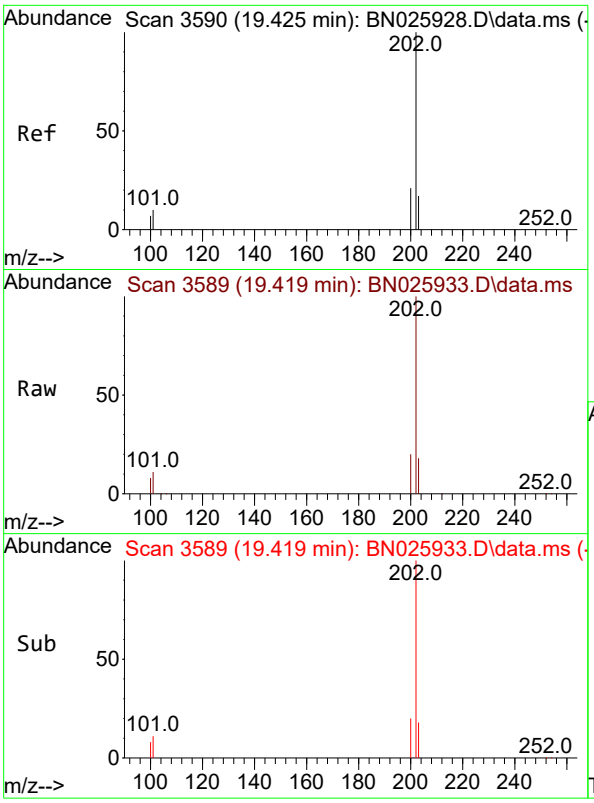


#16
Anthracene
Concen: 0.236 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:178 Resp: 23010

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	18.8
176	19.8	15.1	22.7



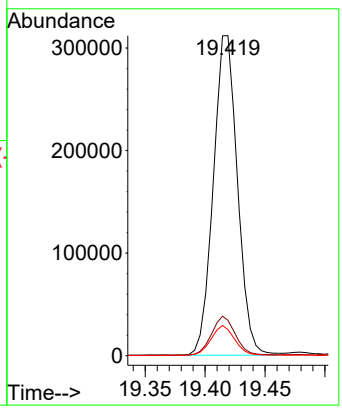


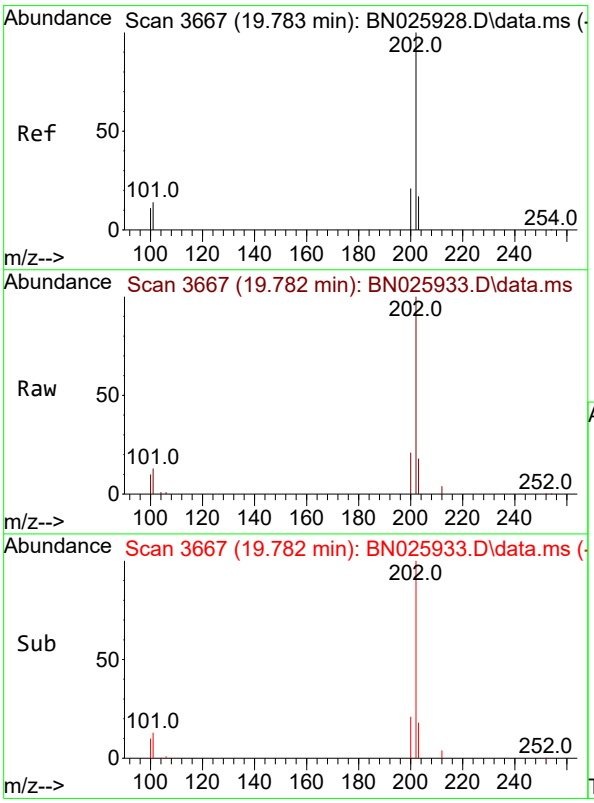
#19
Fluoranthene
Concen: 4.867 ng/ul
RT: 19.419 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:202 Resp: 437168

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.5	14.3
100	8.1	7.3	10.9

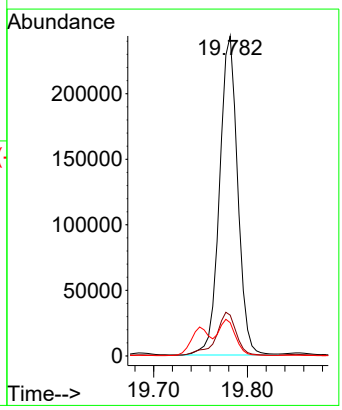


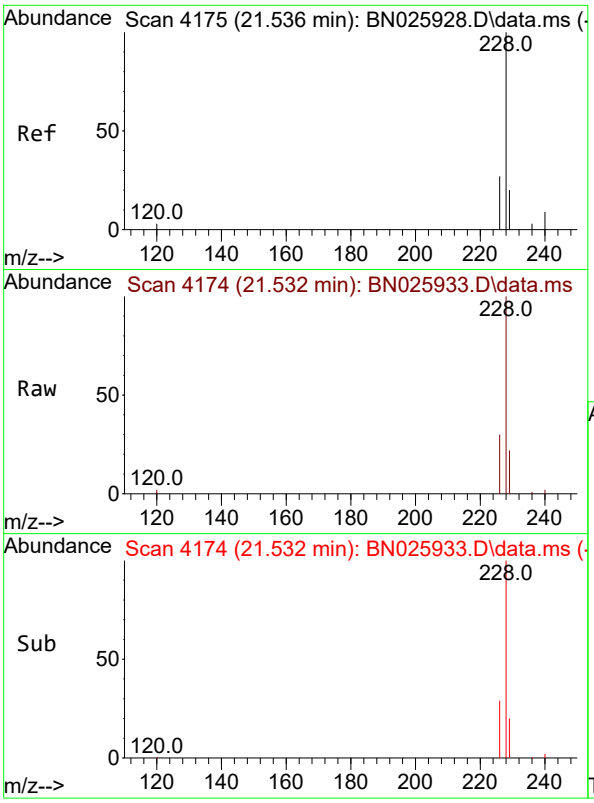


#20
Pyrene
Concen: 3.496 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:202 Resp: 326629

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.4	17.0
100	10.4	9.1	13.7



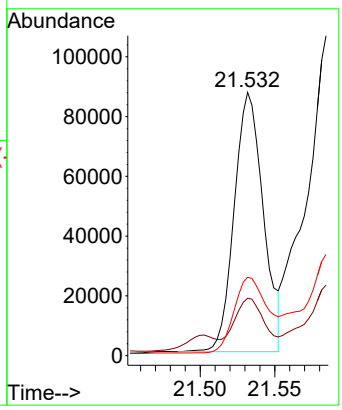


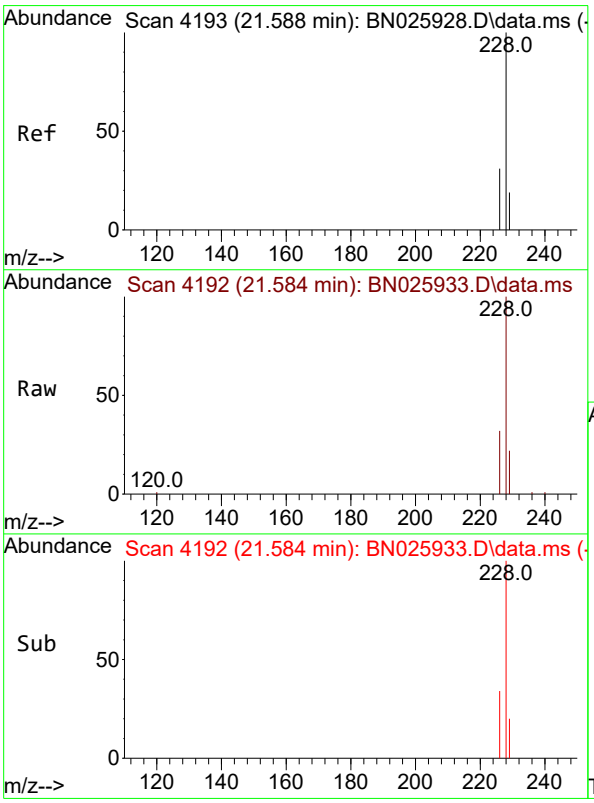
#21
Benzo(a)anthracene
Concen: 1.694 ng/ul
RT: 21.532 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:228 Resp: 117547

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	29.8	22.5	33.7

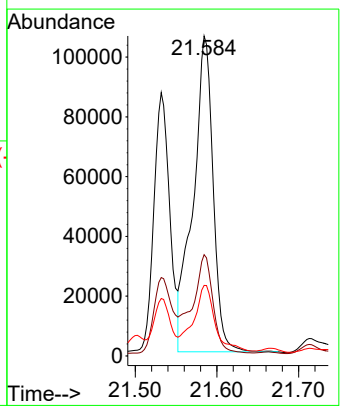


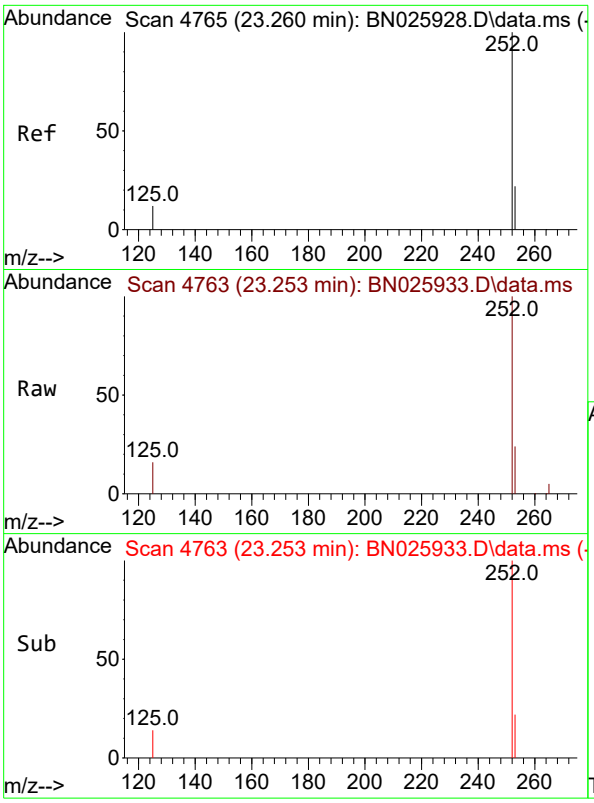


#22
Chrysene
Concen: 2.493 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:228 Resp: 179947

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	22.1	15.7	23.5



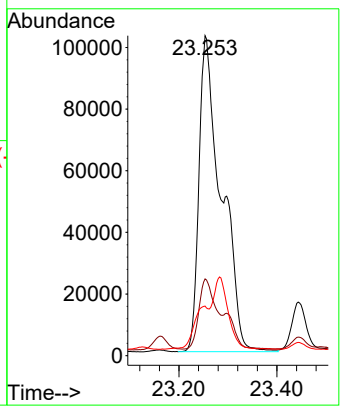


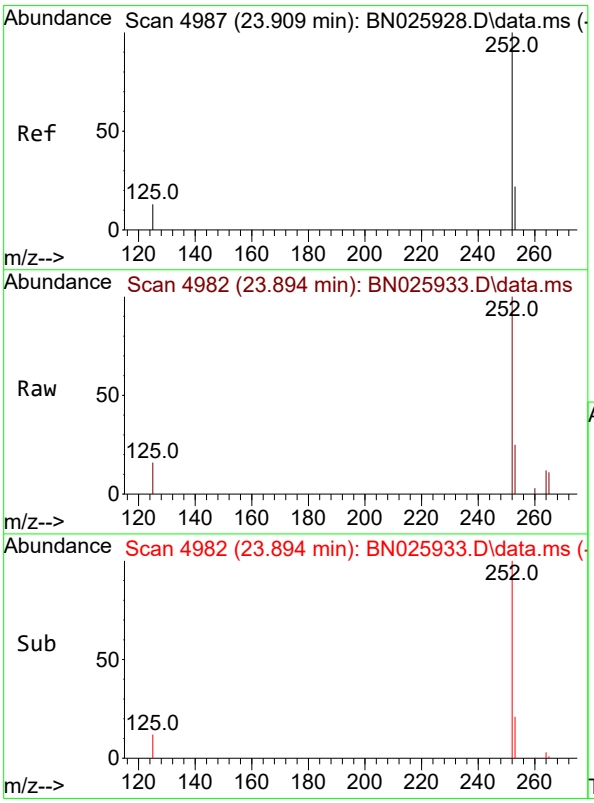
#24
Benzo(b)fluoranthene
Concen: 4.924 ng/ul
RT: 23.253 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:252 Resp: 324166

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	55.6
125	15.5	0.0	35.8

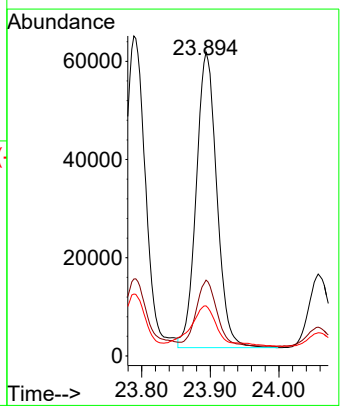


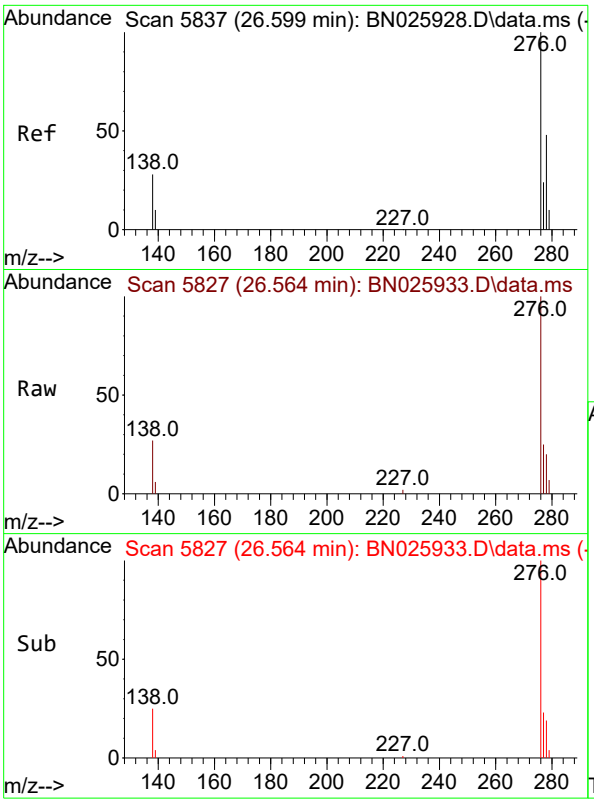


#26
Benzo(a)pyrene
Concen: 2.193 ng/ul
RT: 23.894 min Scan# 4982
Delta R.T. -0.015 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:252 Resp: 125395

Ion	Ratio	Lower	Upper
252	100		
253	25.0	26.0	39.0#
125	16.5	17.3	25.9#



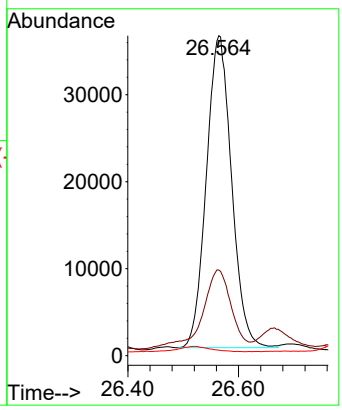


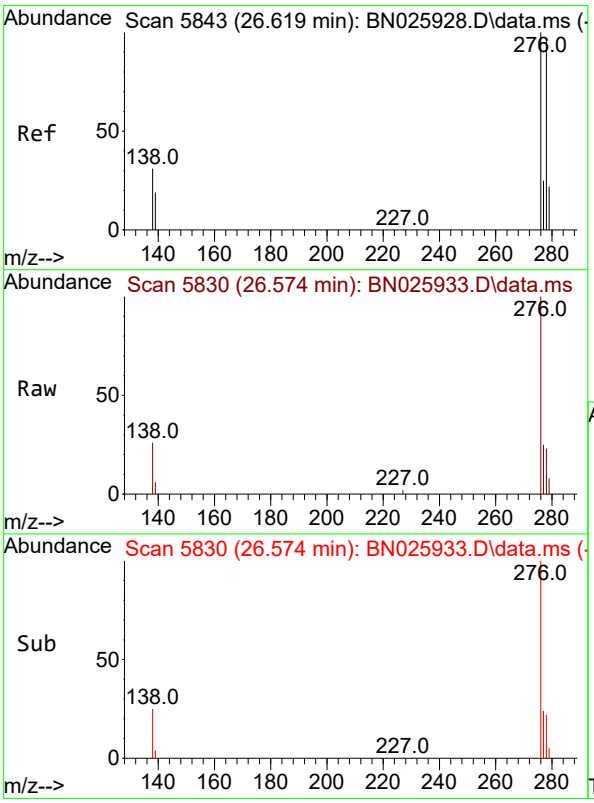
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.815 ng/ul
RT: 26.564 min Scan# 5
Delta R.T. -0.030 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:276 Resp: 113334

Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.5	36.7
227	0.0	0.0	0.0

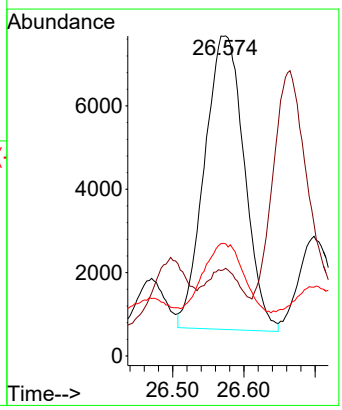


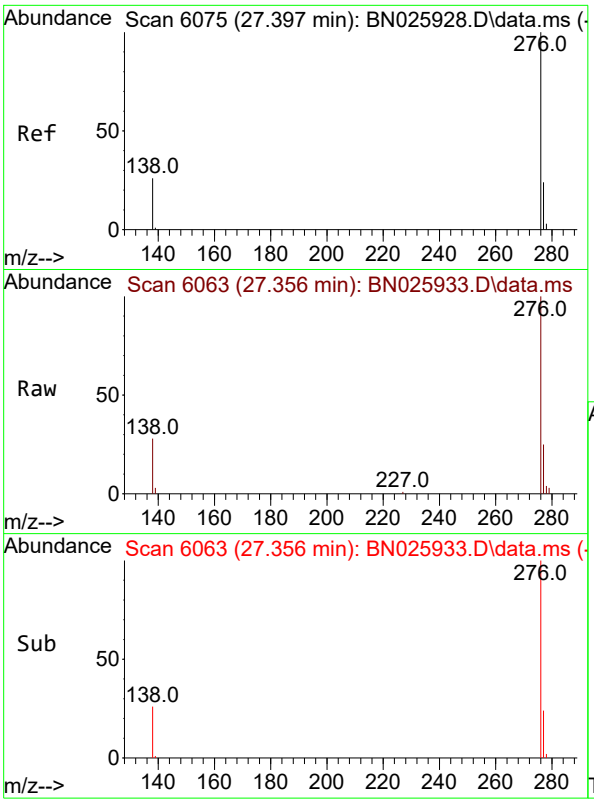


#28
Dibenzo(a,h)anthracene
Concen: 0.579 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.047 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:278 Resp: 27363

Ion	Ratio	Lower	Upper
278	100		
139	27.4	19.0	28.4
279	35.1	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 2.186 ng/ul
RT: 27.356 min Scan# 6
Delta R.T. -0.030 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFK5

Tgt Ion:276 Resp: 121465

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.4	35.0
277	24.7	20.0	30.0