Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027419.D
Acq On : 06 Sep 2023 23:17
Operator : MA/JU
Sample : 04148-11RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BBK07

Quant Time: Sep 07 01:07:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5532	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	19491	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	11979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	26525	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	22530	0.400	ng/ul	0.00
23) Perylene-d12	24.114	264	24196	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	29885	4.061	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	11295	0.382	ng/ul	-0.01
18) Fluoranthene-d10	19.445	212	33646	0.436	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	3340	0.449	ng/ul#	83
15) Phenanthrene	17.472	178	8750	0.101	ng/ul	98
16) Anthracene	17.561	178	2363	0.034	ng/ul#	85
19) Fluoranthene	19.478	202	19548	0.189	ng/ul	100
20) Pyrene	19.845	202	22497	0.213	ng/ul	99
21) Benzo(a)anthracene	21.583	228	7173	0.088	ng/ul#	93
22) Chrysene	21.638	228	8195	0.086	ng/ul#	92
24) Benzo(b)fluoranthene	23.328	252	16108	0.141	ng/ul	75
26) Benzo(a)pyrene	24.000	252	8138	0.091	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.753	276	7061	0.071	ng/ul	91
28) Dibenzo(a,h)anthracene	26.777	278	1796	0.024	ng/ul#	28
29) Benzo(g,h,i)perylene	27.585	276	7674	0.086	ng/ul#	92

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

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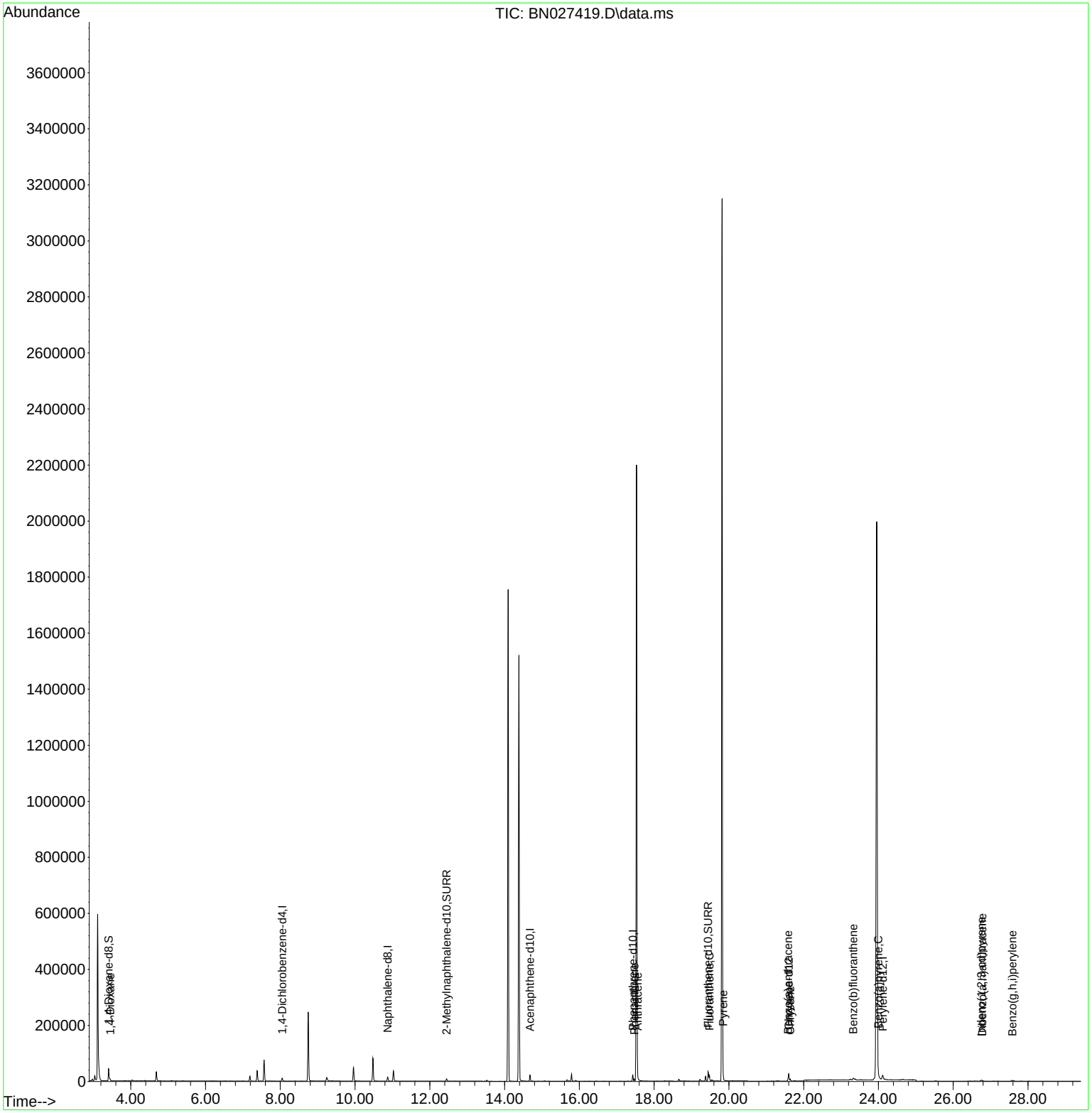
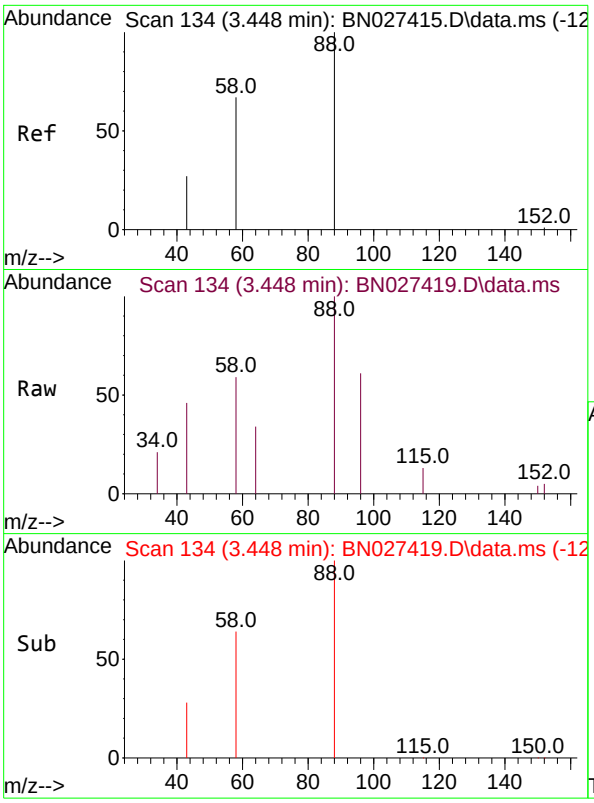
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration



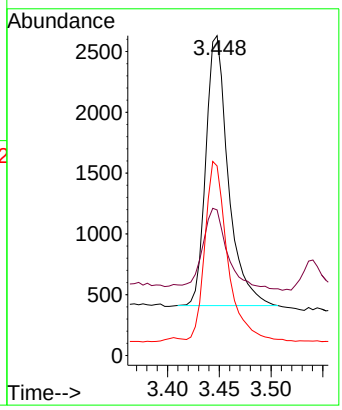


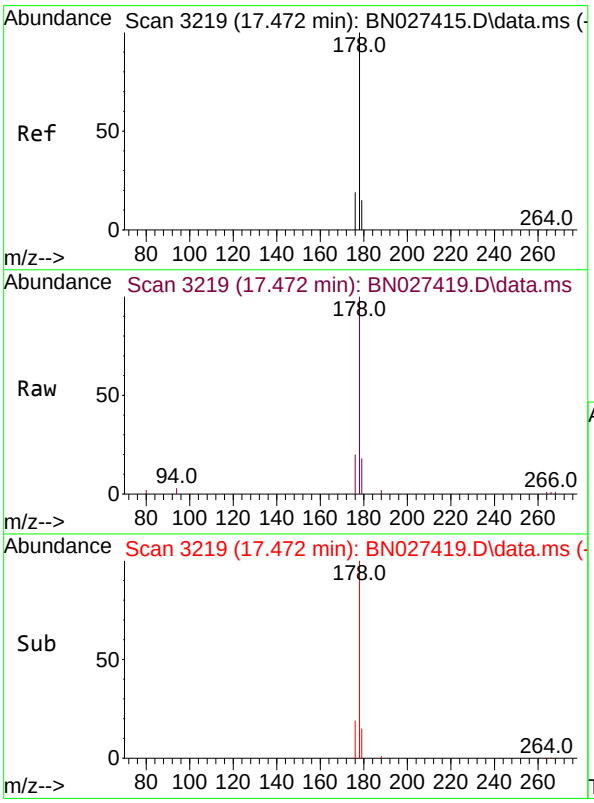
#2
1,4-Dioxane
Concen: 0.449 ng/ul
RT: 3.448 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07

Tgt Ion: 88 Resp: 3340

Ion	Ratio	Lower	Upper
88	100		
43	45.5	26.8	40.2#
58	59.3	39.9	59.9

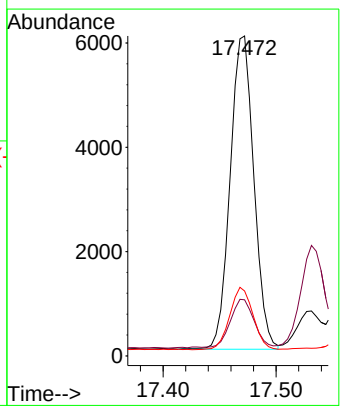


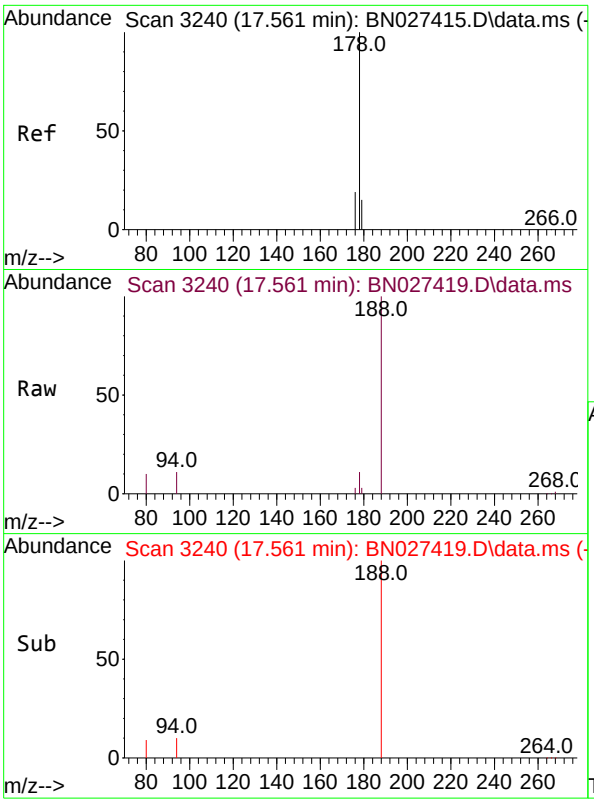


#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Tgt Ion:178 Resp: 8750

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.6	19.0
176	20.3	15.8	23.8



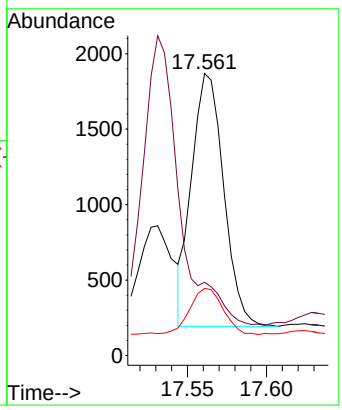


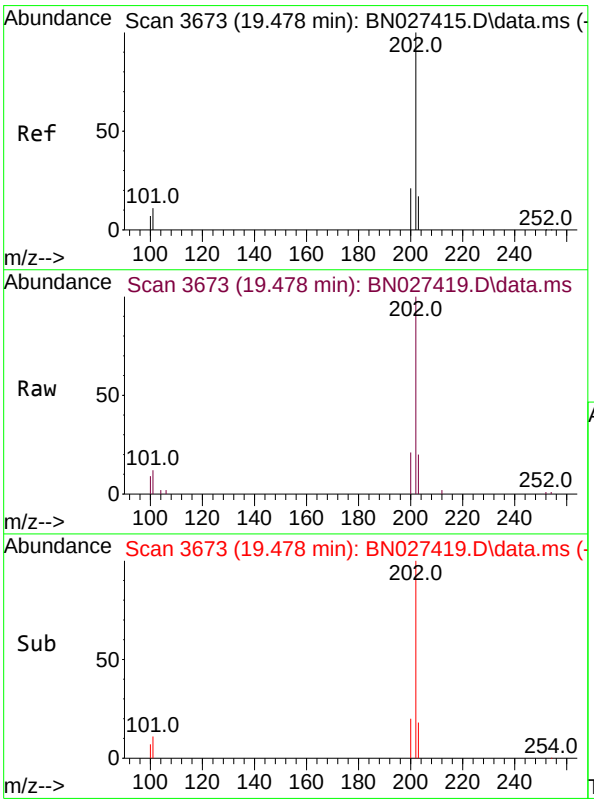
#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.561 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07

Tgt Ion:178 Resp: 2363

Ion	Ratio	Lower	Upper
178	100		
179	26.0	13.0	19.6#
176	23.8	15.6	23.4#

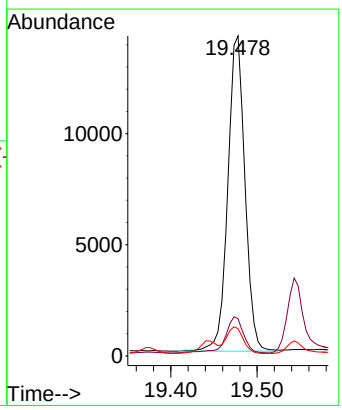


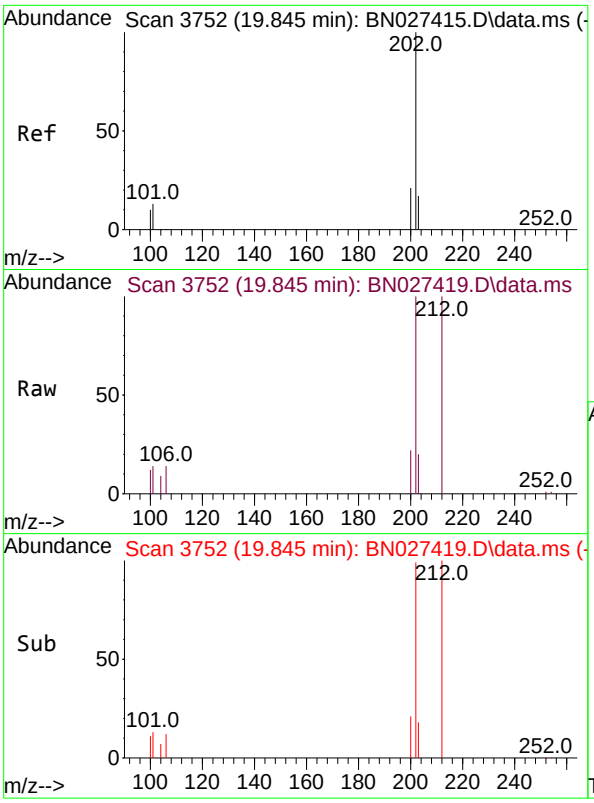


#19
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.478 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Tgt Ion:202 Resp: 19548

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.0
100	8.5	6.9	10.3



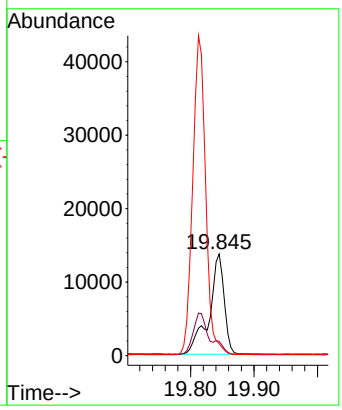


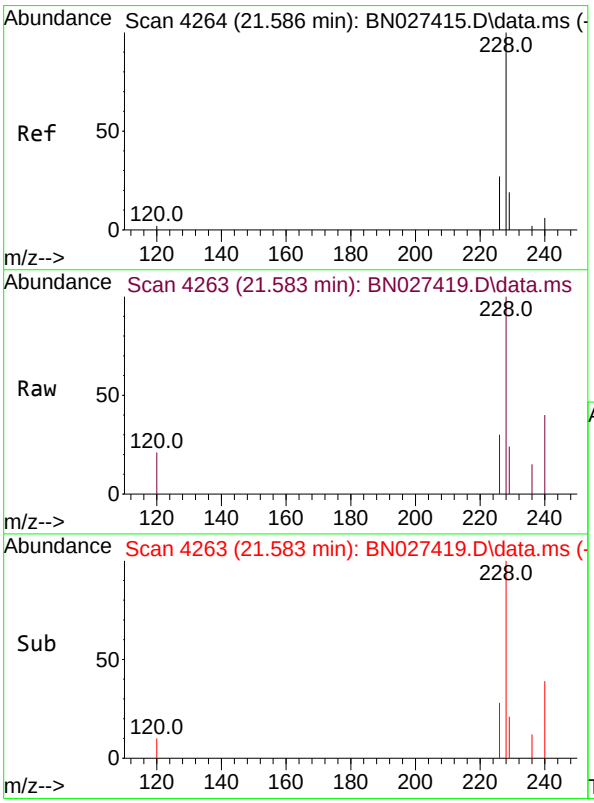
#20
Pyrene
Concen: 0.213 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07

Tgt Ion:202 Resp: 22497

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.4	17.2
100	11.7	9.4	14.2

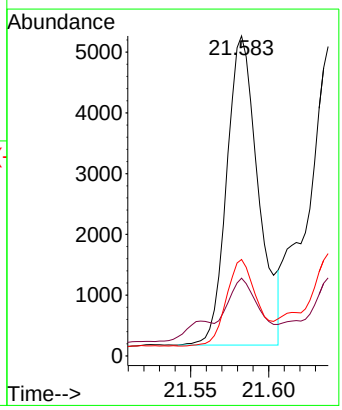


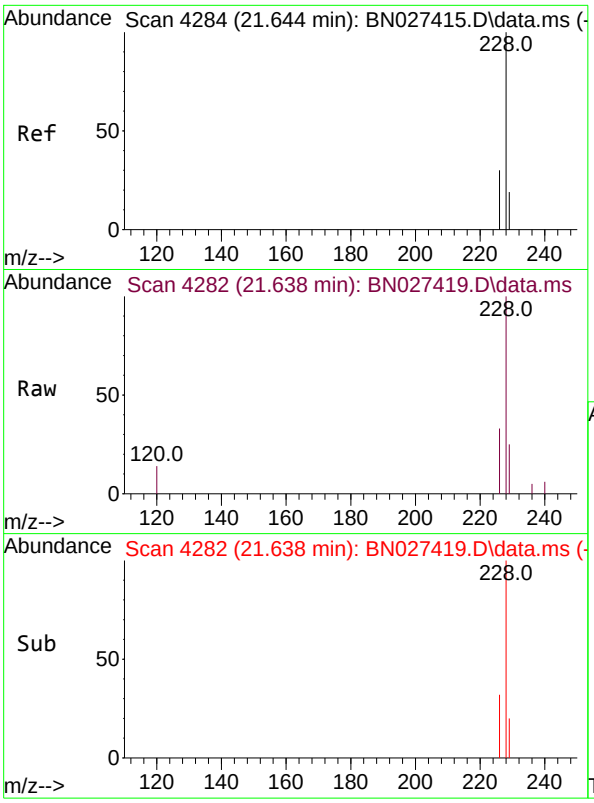


#21
Benzo(a)anthracene
Concen: 0.088 ng/ul
RT: 21.583 min Scan# 4263
Delta R.T. -0.009 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Tgt Ion:228 Resp: 7173

Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.7	23.5#
226	30.1	22.0	33.0



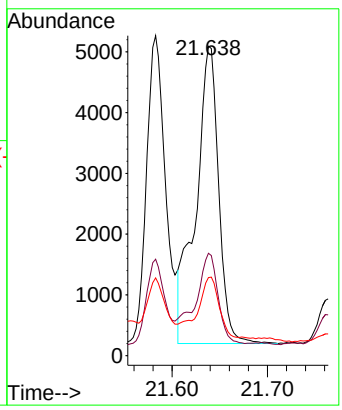


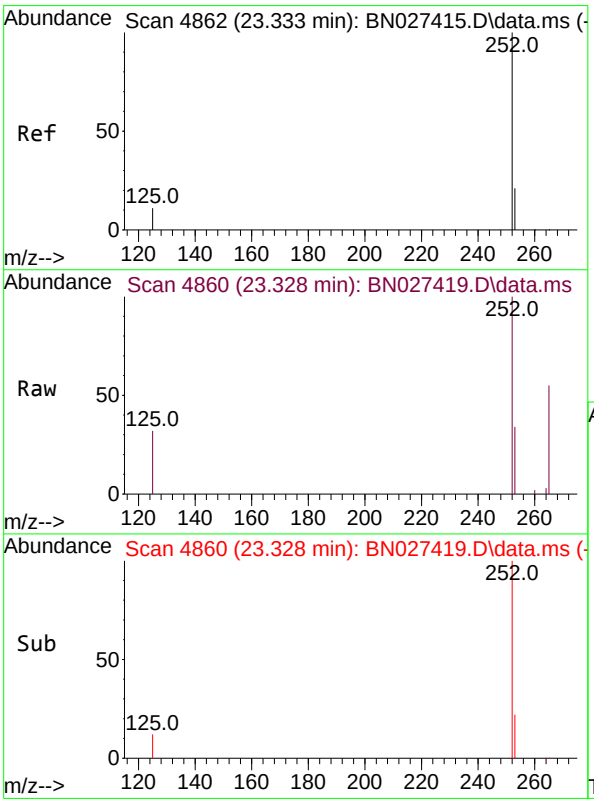
#22
Chrysene
Concen: 0.086 ng/ul
RT: 21.638 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07

Tgt Ion:228 Resp: 8195

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.4	36.6
229	25.2	15.6	23.4#

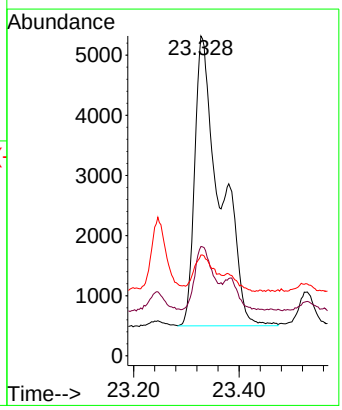


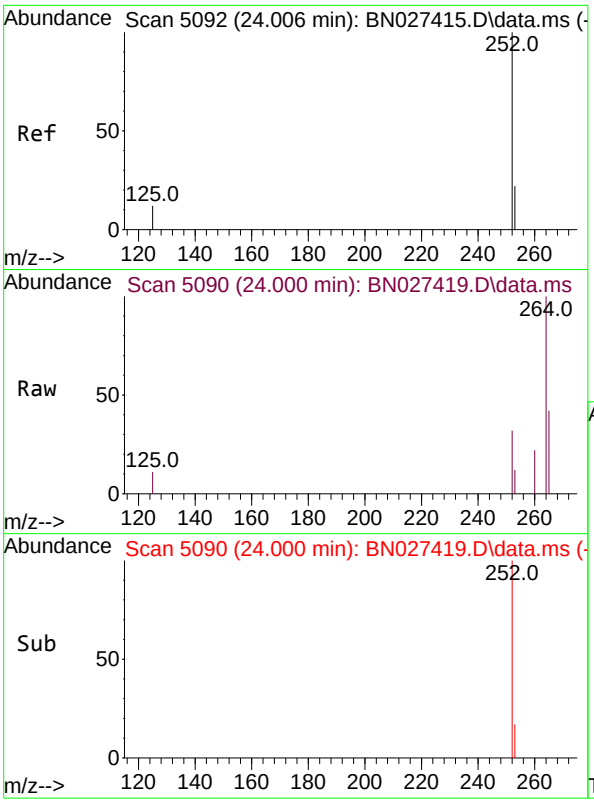


#24
Benzo(b)fluoranthene
Concen: 0.141 ng/ul
RT: 23.328 min Scan# 4860
Delta R.T. -0.018 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Tgt Ion:252 Resp: 16108

Ion	Ratio	Lower	Upper
252	100		
253	34.2	0.0	49.6
125	31.5	0.0	33.8



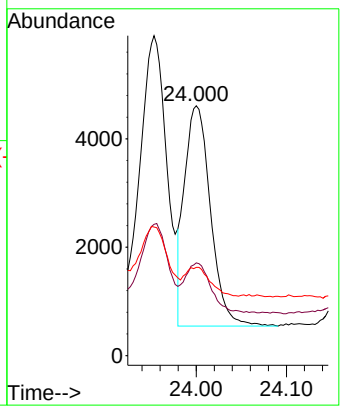


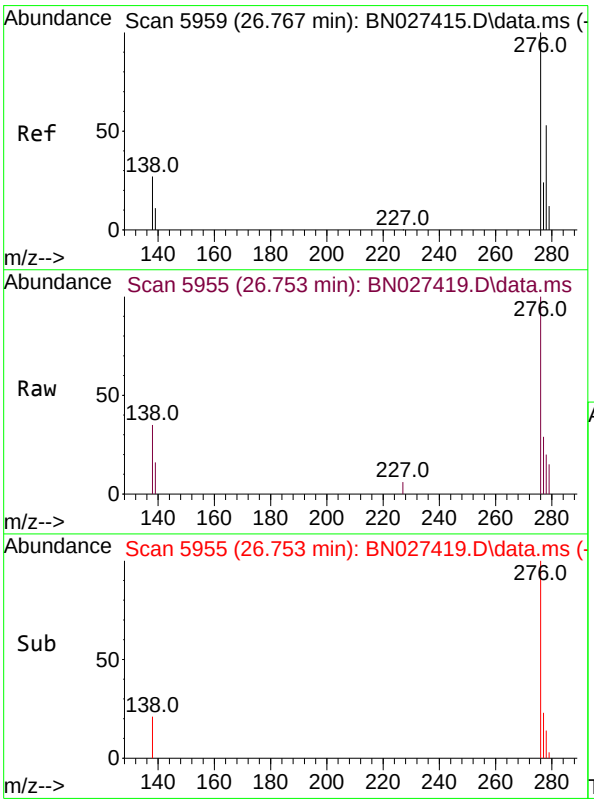
#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 24.000 min Scan# 5
Delta R.T. -0.018 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07

Tgt Ion:252 Resp: 8138

Ion	Ratio	Lower	Upper
252	100		
253	37.1	22.4	33.6#
125	35.3	17.4	26.2#

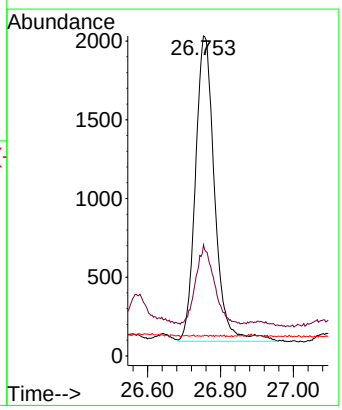


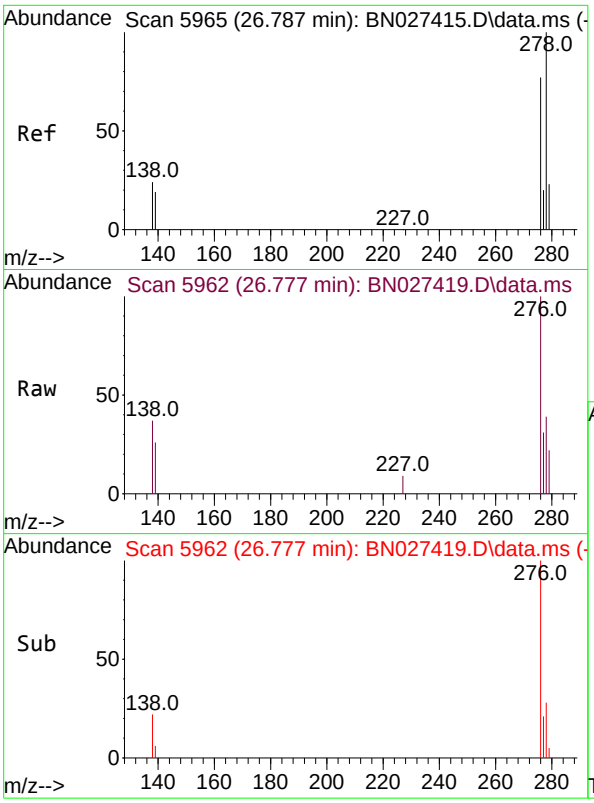


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 26.753 min Scan# 5955
Delta R.T. -0.047 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Tgt Ion:276 Resp: 7061

Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.9	35.9
227	0.1	0.1	0.1



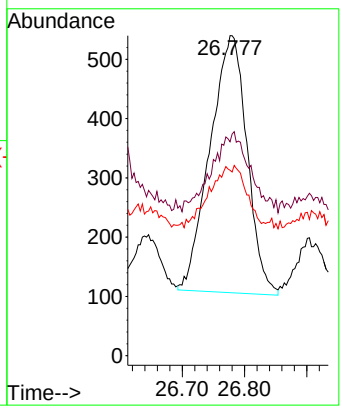


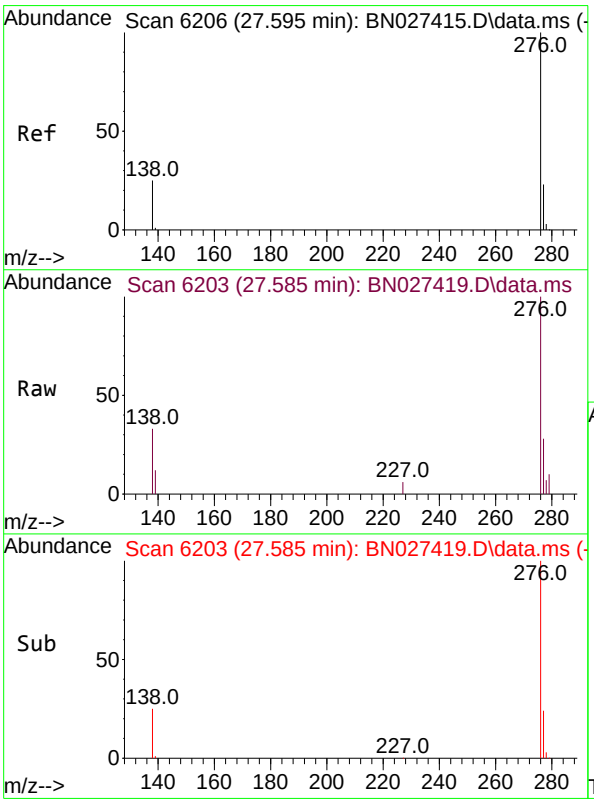
#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.777 min Scan# 59
Delta R.T. -0.057 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07

Tgt Ion:278 Resp: 1796

Ion	Ratio	Lower	Upper
278	100		
139	66.9	18.0	27.0#
279	58.0	22.7	34.1#





#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 27.585 min Scan# 6203
Delta R.T. -0.044 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Tgt Ion:276 Resp: 7674

Ion	Ratio	Lower	Upper
276	100		
138	33.2	22.1	33.1#
277	28.0	20.2	30.4