Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021816.D
Acq On : 19 Sep 2022 23:12
Operator : CG/JU
Sample : PB147719BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:27:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	15779	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.712	164	8897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16887	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	10252	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	8582	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	2939	0.509	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.473	152	7281	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	12526	0.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	8230	1.389	ng/ul#	88
5) Naphthalene	10.933	128	12763	0.287	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	8318	0.288	ng/ul	98
8) 1-Methylnaphthalene	12.764	142	8646	0.292	ng/ul	99
10) Acenaphthylene	14.435	152	11578	0.310	ng/ul	99
11) Acenaphthene	14.772	153	8922	0.282	ng/ul	100
12) Fluorene	15.758	166	10007	0.282	ng/ul	99
14) Pentachlorophenol	17.114	266	1003	0.307	ng/ul	99
15) Phenanthrene	17.502	178	15373	0.289	ng/ul	100
16) Anthracene	17.595	178	13384	0.303	ng/ul	99
19) Fluoranthene	19.520	202	15522	0.324	ng/ul	99
20) Pyrene	19.882	202	15402	0.326	ng/ul	97
21) Benzo(a)anthracene	21.630	228	11642	0.339	ng/ul	99
22) Chrysene	21.685	228	12031	0.321	ng/ul	99
24) Benzo(b)fluoranthene	23.381	252	11540	0.277	ng/ul	88
25) Benzo(k)fluoranthene	23.430	252	10747	0.266	ng/ul#	88
26) Benzo(a)pyrene	24.038	252	10700	0.339	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.797	276	12135	0.342	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.821	278	9820	0.326	ng/ul	96
29) Benzo(g,h,i)perylene	27.612	276	10480	0.321	ng/ul	95

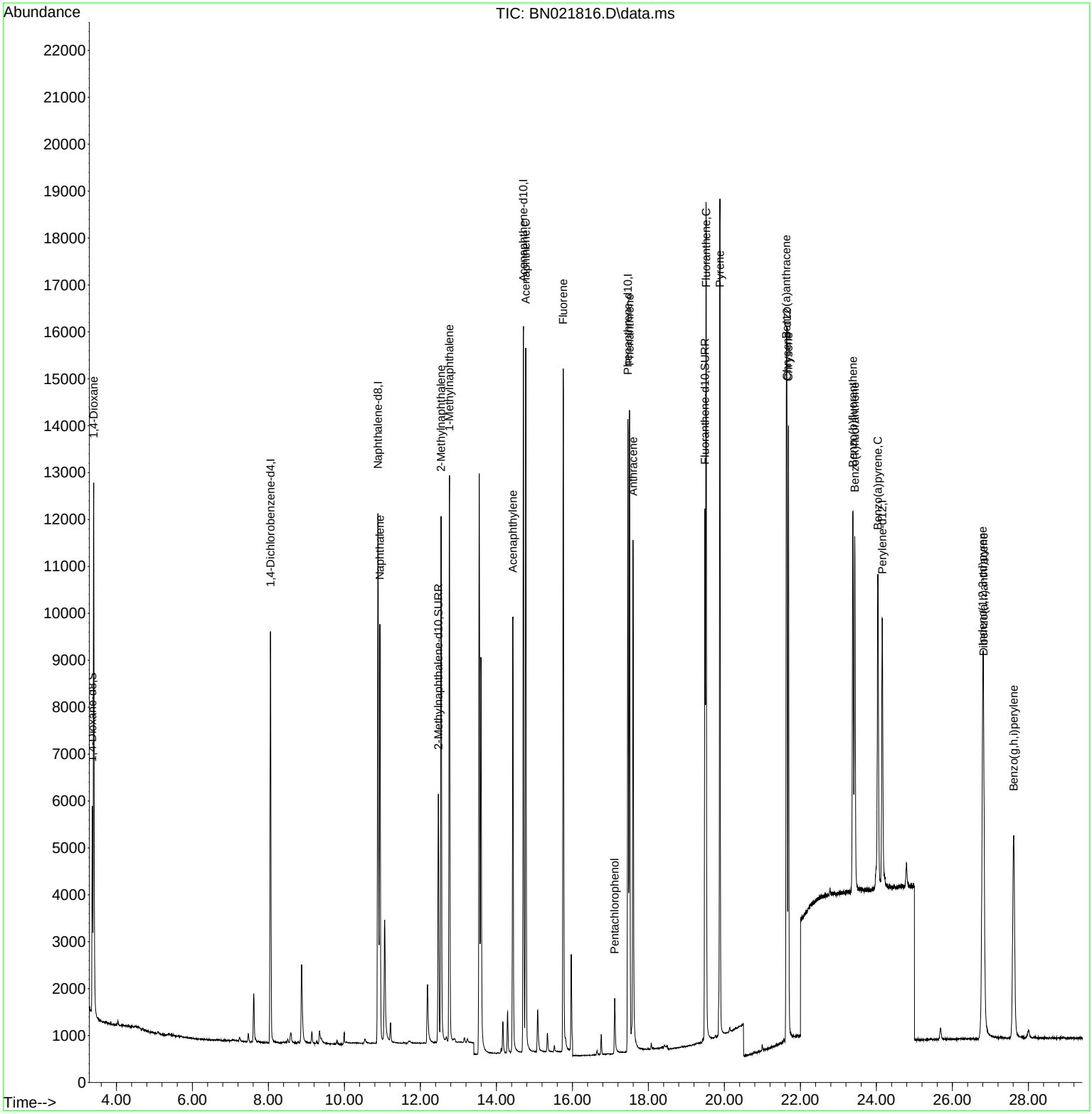
(#) = qualifier out of range (m) = manual integration (+) = signals summed

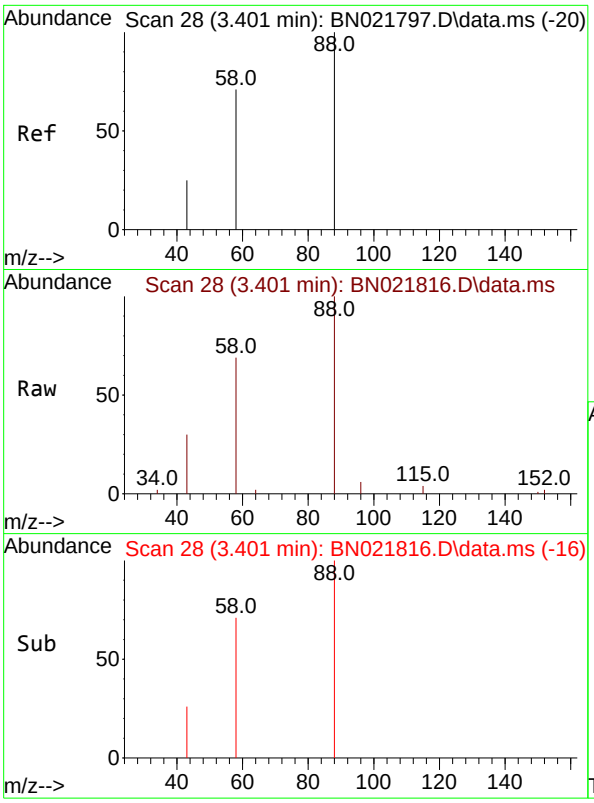
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021816.D
Acq On : 19 Sep 2022 23:12
Operator : CG/JU
Sample : PB147719BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:27:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



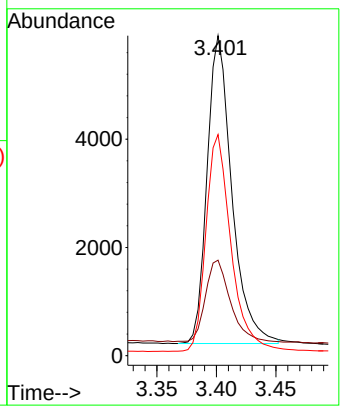


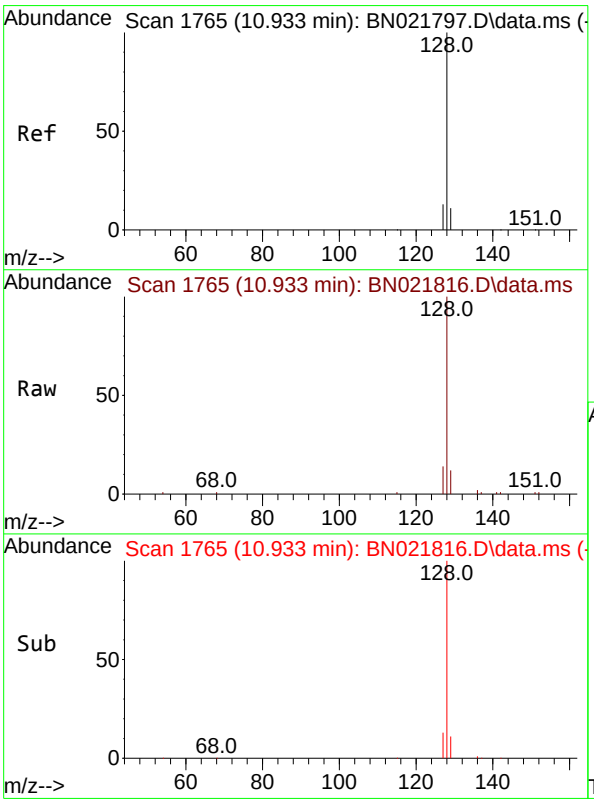
#2
1,4-Dioxane
Concen: 1.389 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 8230

Ion	Ratio	Lower	Upper
88	100		
43	29.8	31.4	47.0#
58	69.1	49.0	73.6

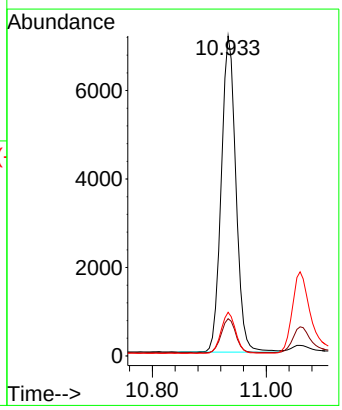


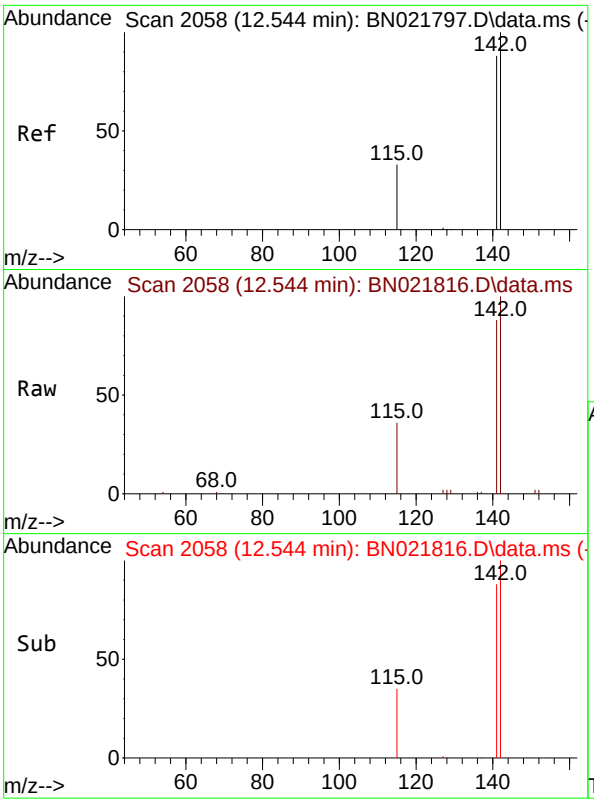


#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:128 Resp: 12763

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.6	11.6	17.4



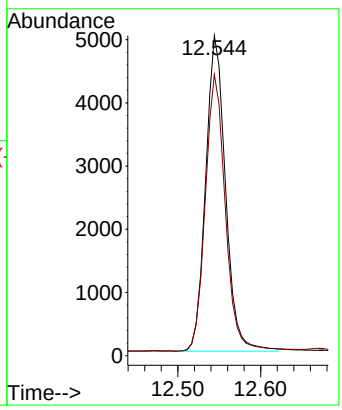


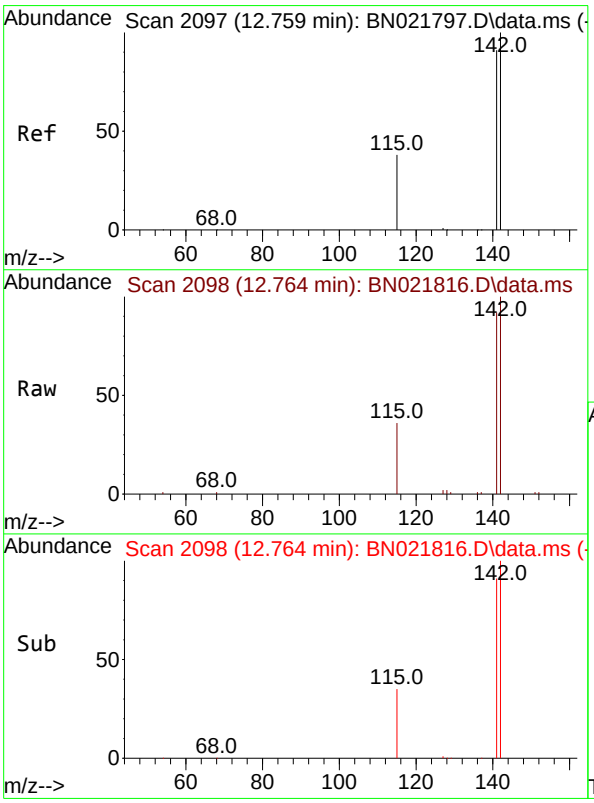
#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 8318

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.2	108.2

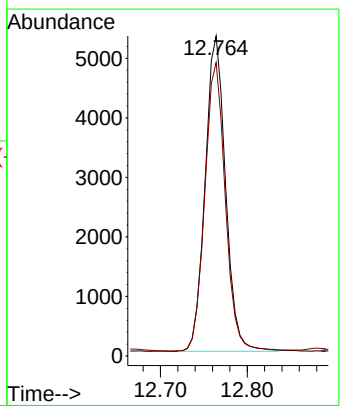


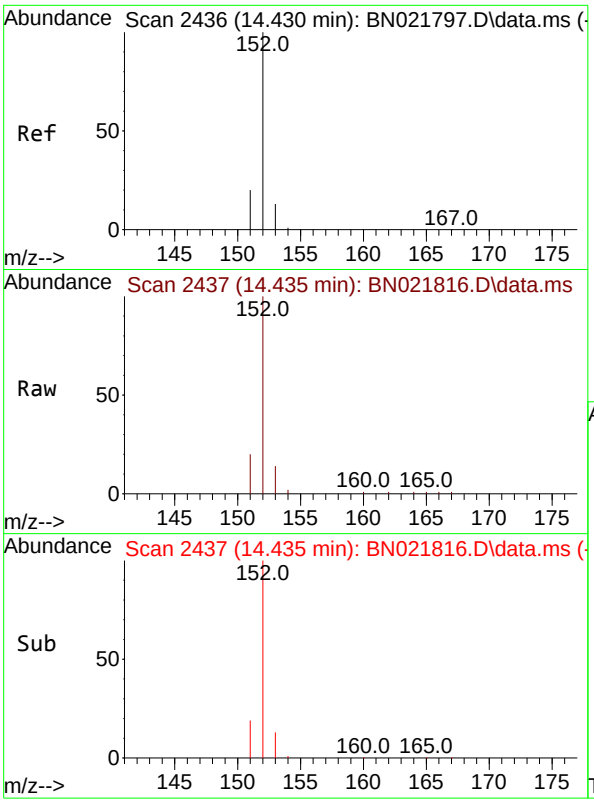


#8
1-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:142 Resp: 8646

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9



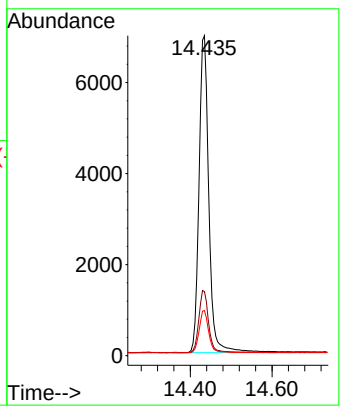


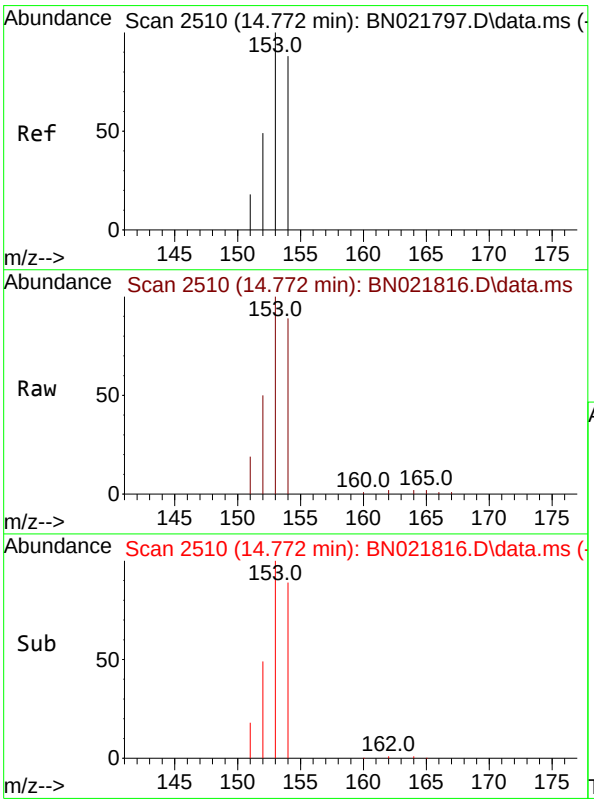
#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.435 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 11578

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	14.1	11.2	16.8

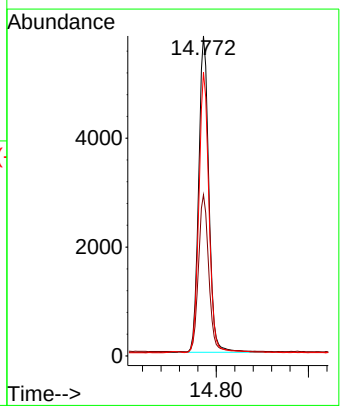


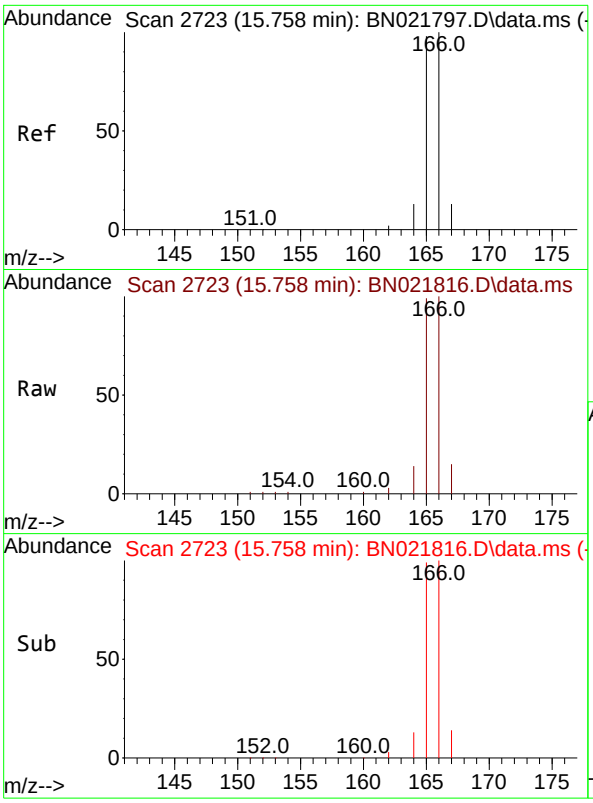


#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:153 Resp: 8922

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.2	60.4
154	88.6	70.7	106.1



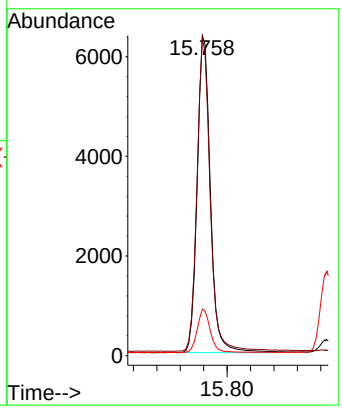


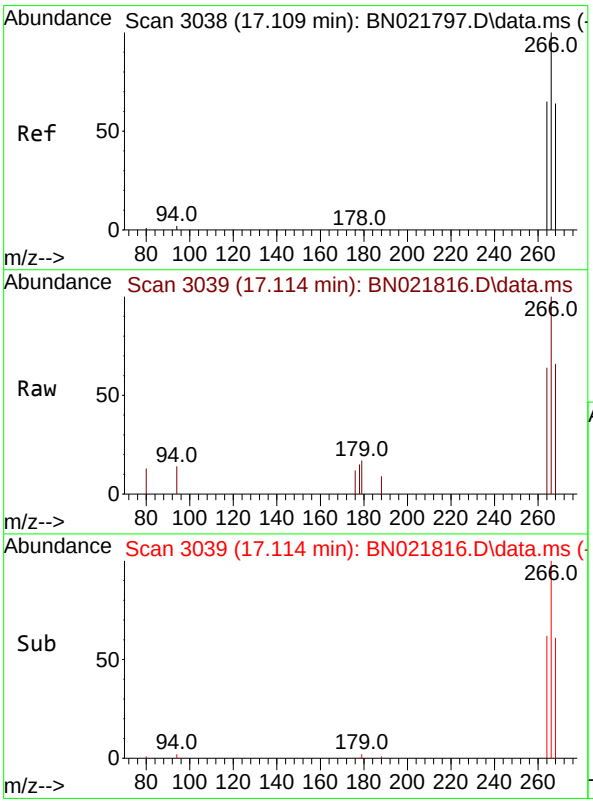
#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.758 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 10007

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	14.5	11.8	17.6

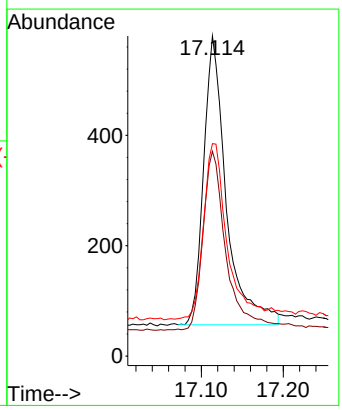


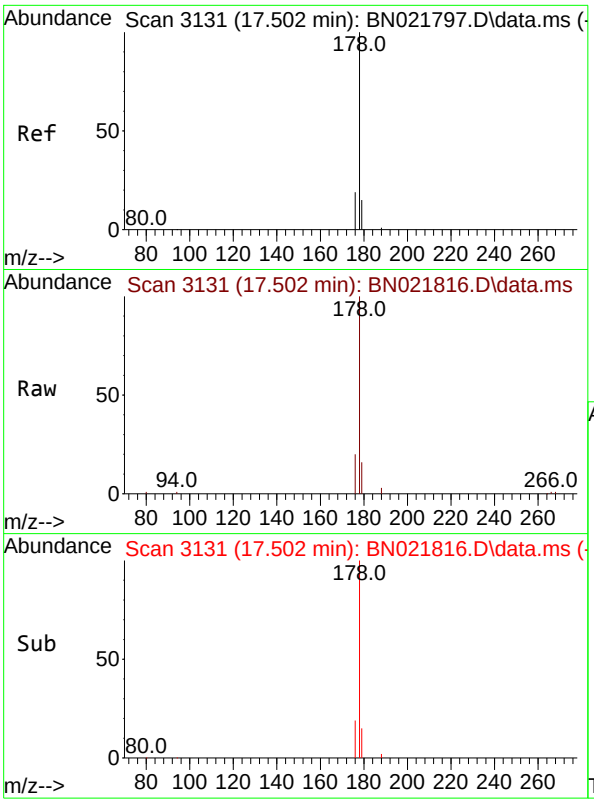


#14
Pentachlorophenol
Concen: 0.307 ng/ul
RT: 17.114 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:266 Resp: 1003

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.8
268	64.4	50.6	75.8



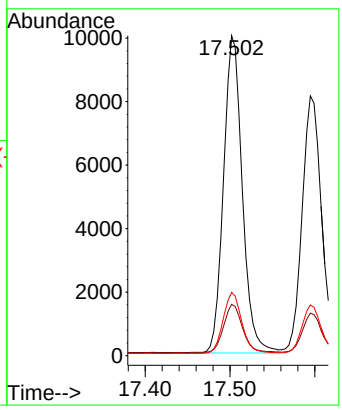


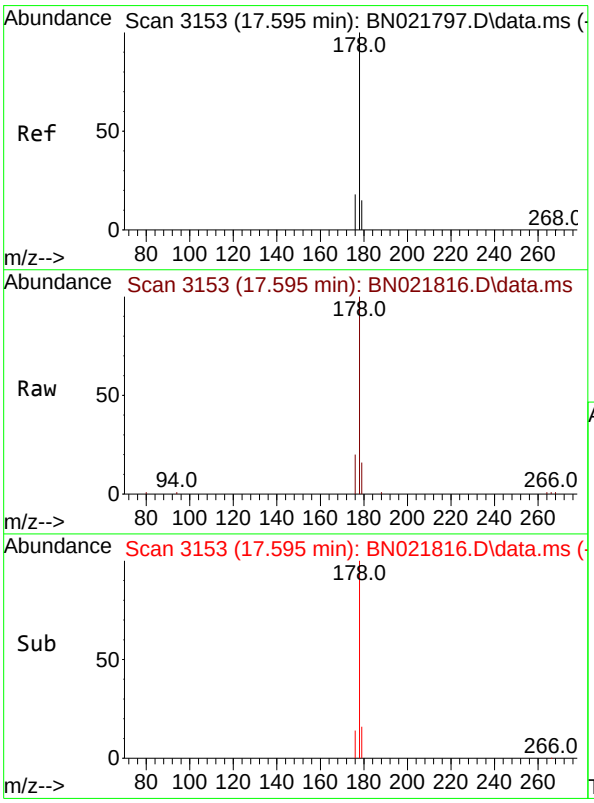
#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 15373

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.8	15.9	23.9

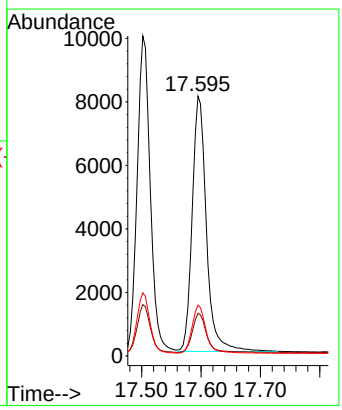


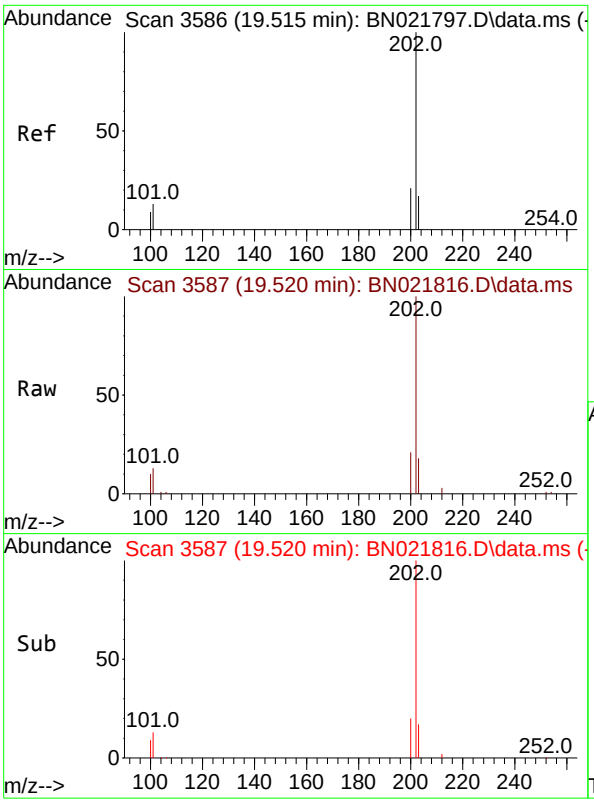


#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:178 Resp: 13384

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.5	15.9	23.9



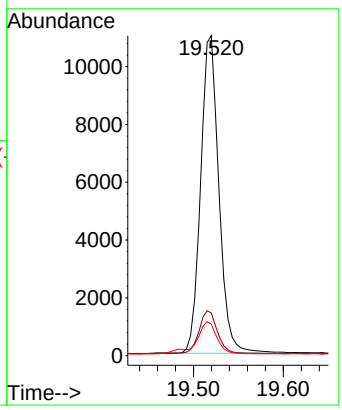


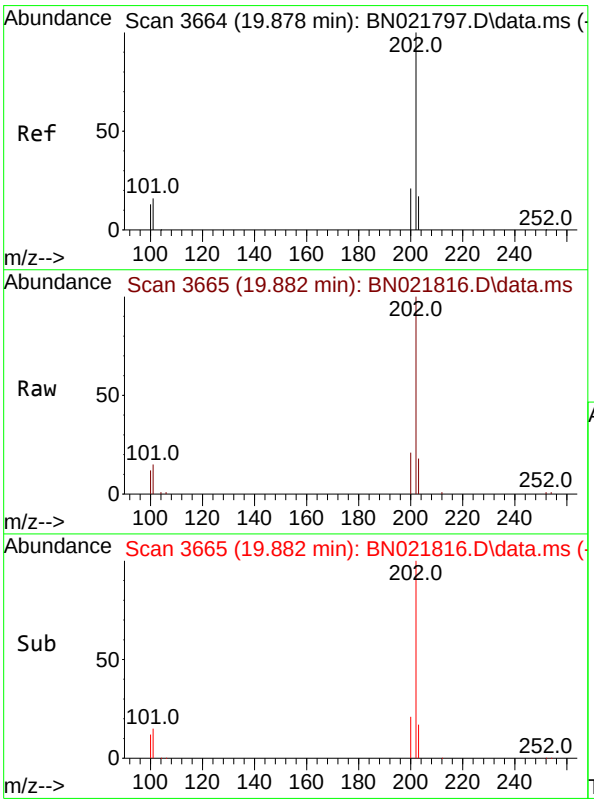
#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 15522

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.0	15.0
100	9.8	8.0	12.0

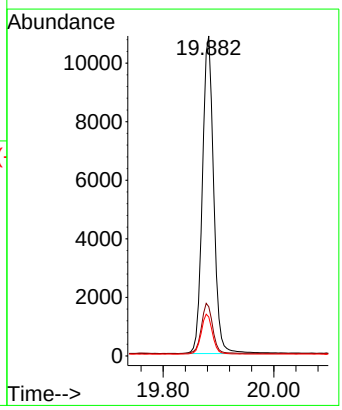


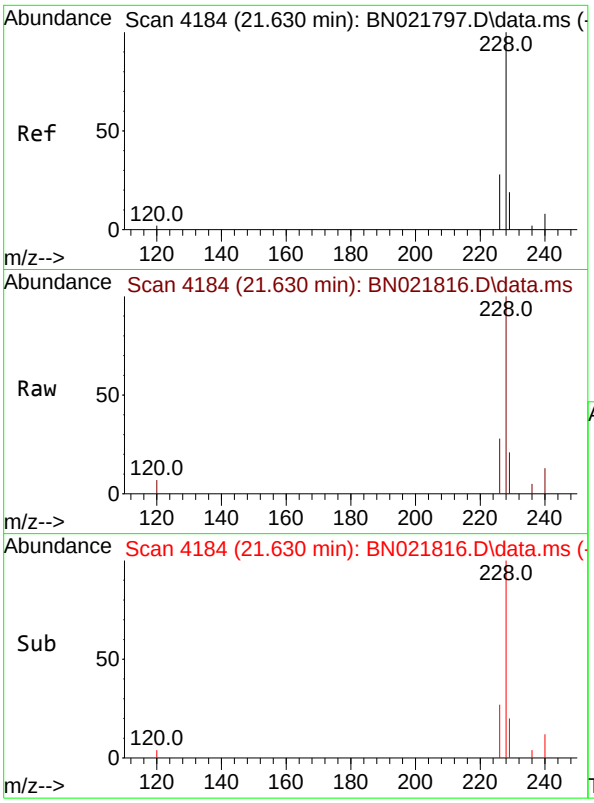


#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:202 Resp: 15402

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.3	16.9
100	12.2	9.0	13.4



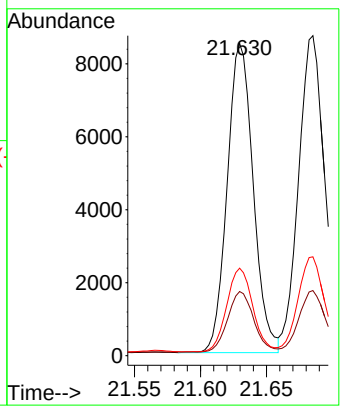


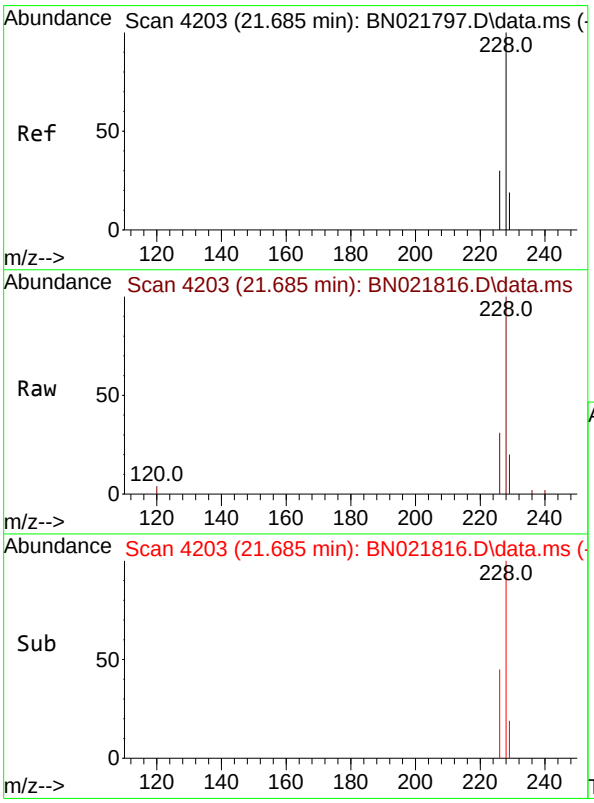
#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.630 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 11642

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.0	21.9	32.9

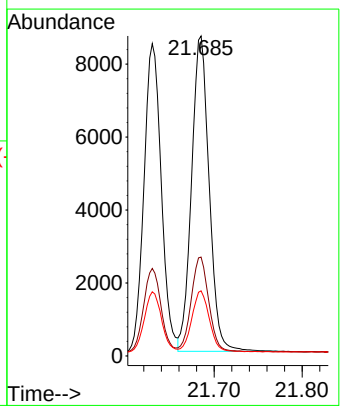


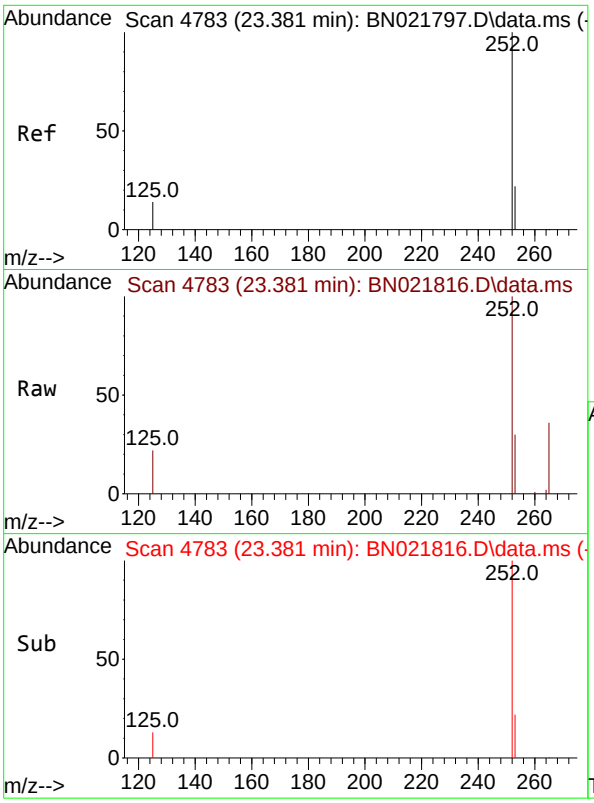


#22
Chrysene
Concen: 0.321 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:228 Resp: 12031

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	20.4	15.8	23.8



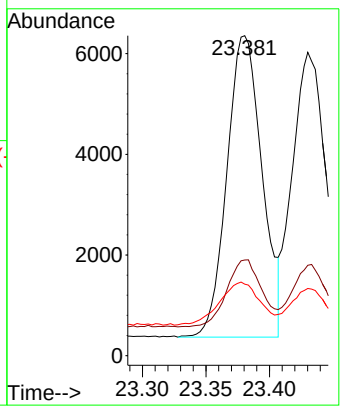


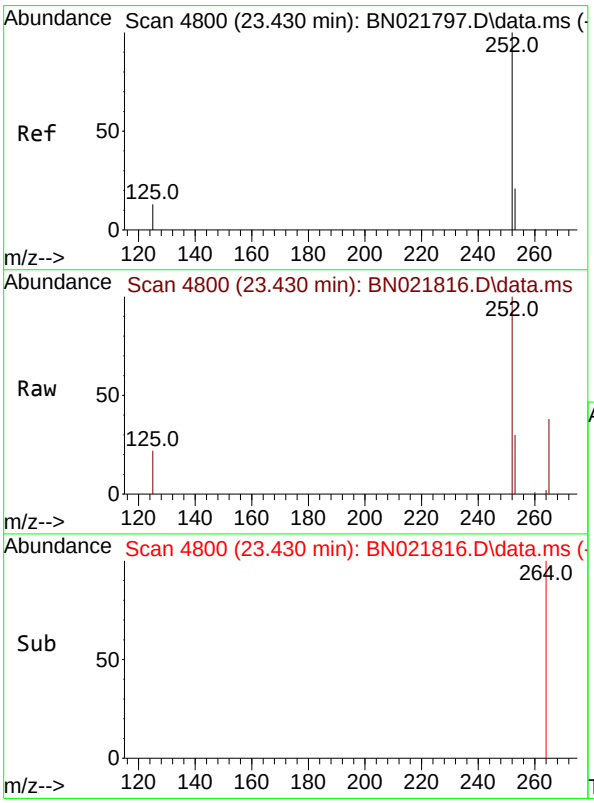
#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 23.381 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 11540

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	50.8
125	22.4	0.0	30.0

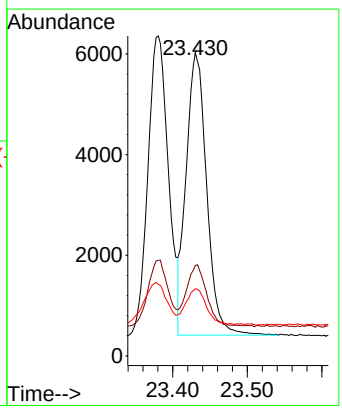


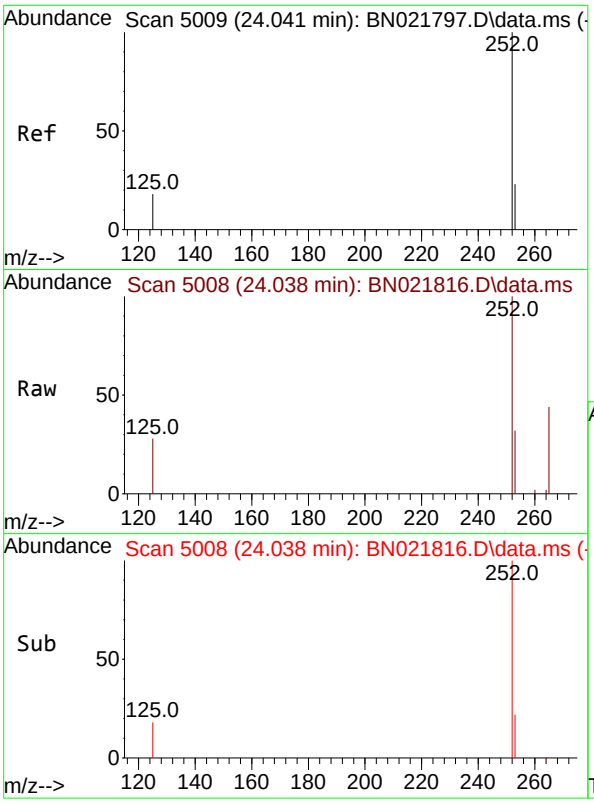


#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. -0.000 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:252 Resp: 10747

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.6	31.0
125	22.1	11.8	17.6#



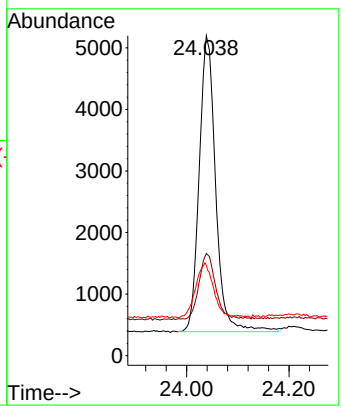


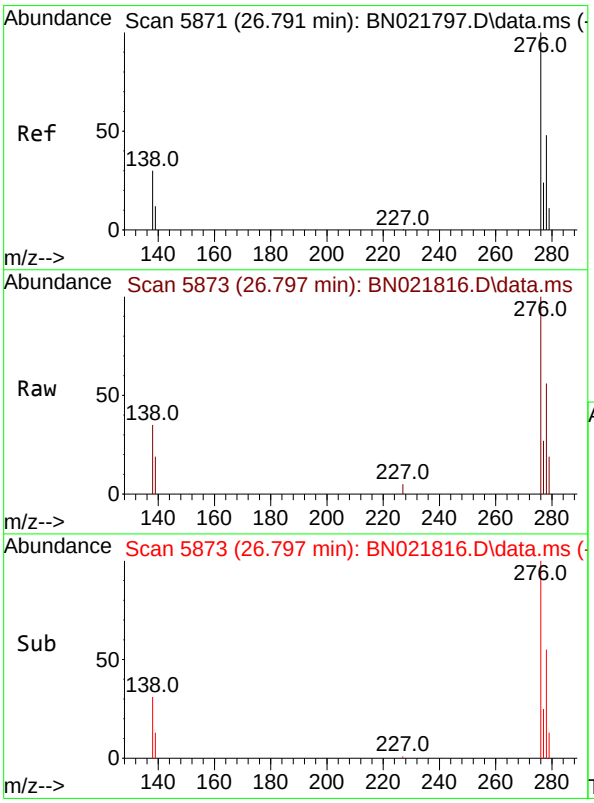
#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 24.038 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 10700

Ion	Ratio	Lower	Upper
252	100		
253	32.0	22.1	33.1
125	28.2	14.7	22.1#

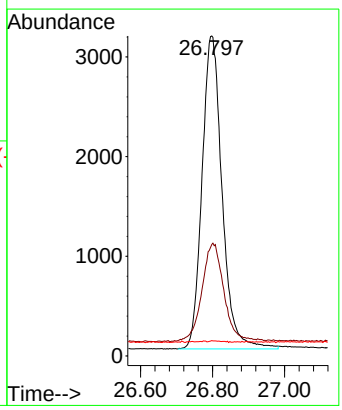


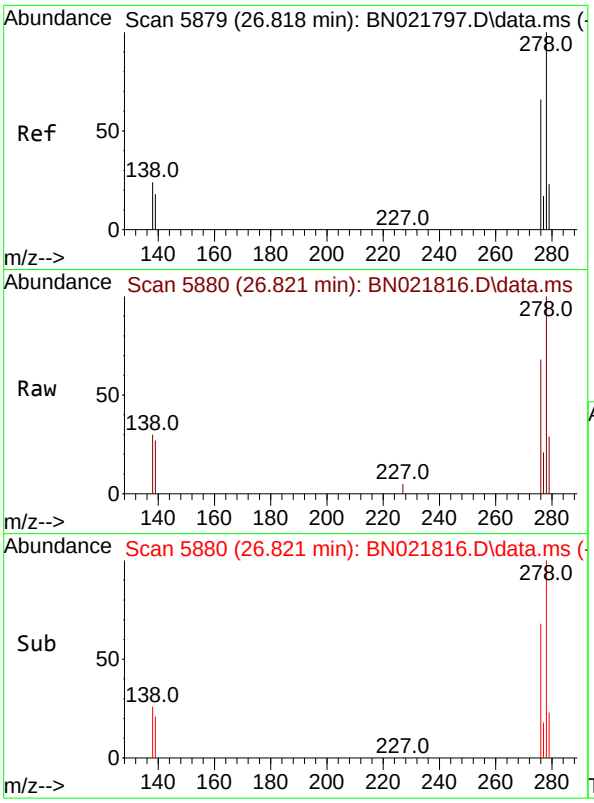


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:276 Resp: 12135

Ion	Ratio	Lower	Upper
276	100		
138	34.4	26.1	39.1
227	0.4	0.1	0.1#



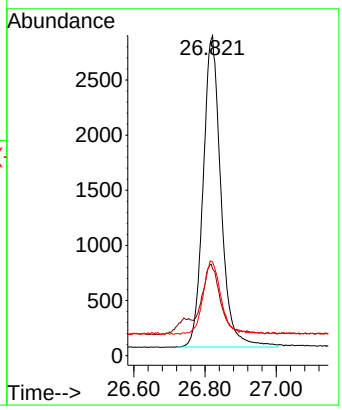


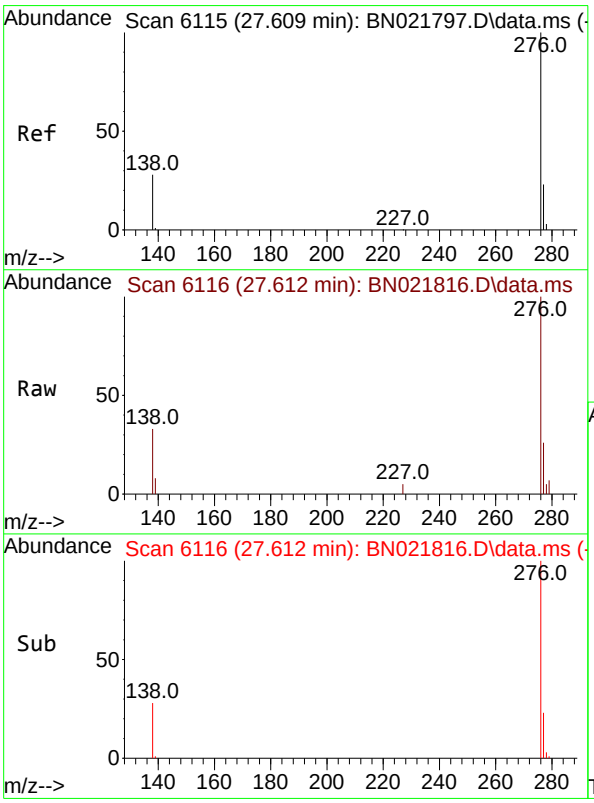
#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.821 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 9820

Ion	Ratio	Lower	Upper
278	100		
139	27.1	18.3	27.5
279	29.3	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 27.612 min Scan# 6116
Delta R.T. 0.003 min
Lab File: BN021816.D
Acq: 19 Sep 2022 23:12

Tgt Ion:276 Resp: 10480

Ion	Ratio	Lower	Upper
276	100		
138	32.6	22.6	34.0
277	26.0	20.2	30.2