Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019897.D
Acq On : 21 May 2022 08:36
Operator : CG/JU
Sample : N2843-04MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Quant Time: May 23 01:48:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.855	152	5026	0.400	ng/ul		0.00
4) Naphthalene-d8	10.639	136	16513	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.474	164	9850	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.213	188	19332	0.400	ng/ul		0.00
17) Chrysene-d12	21.403	240	13479	0.400	ng/ul	#	0.00
23) Perylene-d12	23.747	264	10489	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.319	96	938	0.158	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.229	152	3451	0.138	ng/ul		0.00
18) Fluoranthene-d10	19.244	212	8331	0.195	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	5485	0.869	ng/ul	#	81
5) Naphthalene	10.689	128	24078	0.450	ng/ul		100
7) 2-Methylnaphthalene	12.306	142	22445	0.689	ng/ul	#	100
8) 1-Methylnaphthalene	12.520	142	19802	0.656	ng/ul	#	100
10) Acenaphthylene	14.197	152	20538	0.422	ng/ul		97
11) Acenaphthene	14.539	153	19836	0.507	ng/ul		99
12) Fluorene	15.520	166	18291	0.426	ng/ul		97
14) Pentachlorophenol	16.871	266	526	0.126	ng/ul		90
15) Phenanthrene	17.255	178	200702	2.822	ng/ul		99
16) Anthracene	17.348	178	58421	1.007	ng/ul		99
19) Fluoranthene	19.272	202	420227	6.811	ng/ul		99
20) Pyrene	19.634	202	376501	6.114	ng/ul		99
21) Benzo(a)anthracene	21.385	228	186515	3.702	ng/ul		97
22) Chrysene	21.438	228	185654	3.127	ng/ul		96
24) Benzo(b)fluoranthene	23.036	252	338601	6.362	ng/ul		99
25) Benzo(k)fluoranthene	23.218	252	19740	0.385	ng/ul	#	50
26) Benzo(a)pyrene	23.642	252	185321	4.088	ng/ul	#	83
27) Indeno(1,2,3-cd)pyrene	26.158	276	144273	2.551	ng/ul	#	93
28) Dibenzo(a,h)anthracene	26.171	278	39027	0.825	ng/ul	#	77
29) Benzo(g,h,i)perylene	26.899	276	108093	2.091	ng/ul		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019897.D
Acq On : 21 May 2022 08:36
Operator : CG/JU
Sample : N2843-04MSD
Misc :
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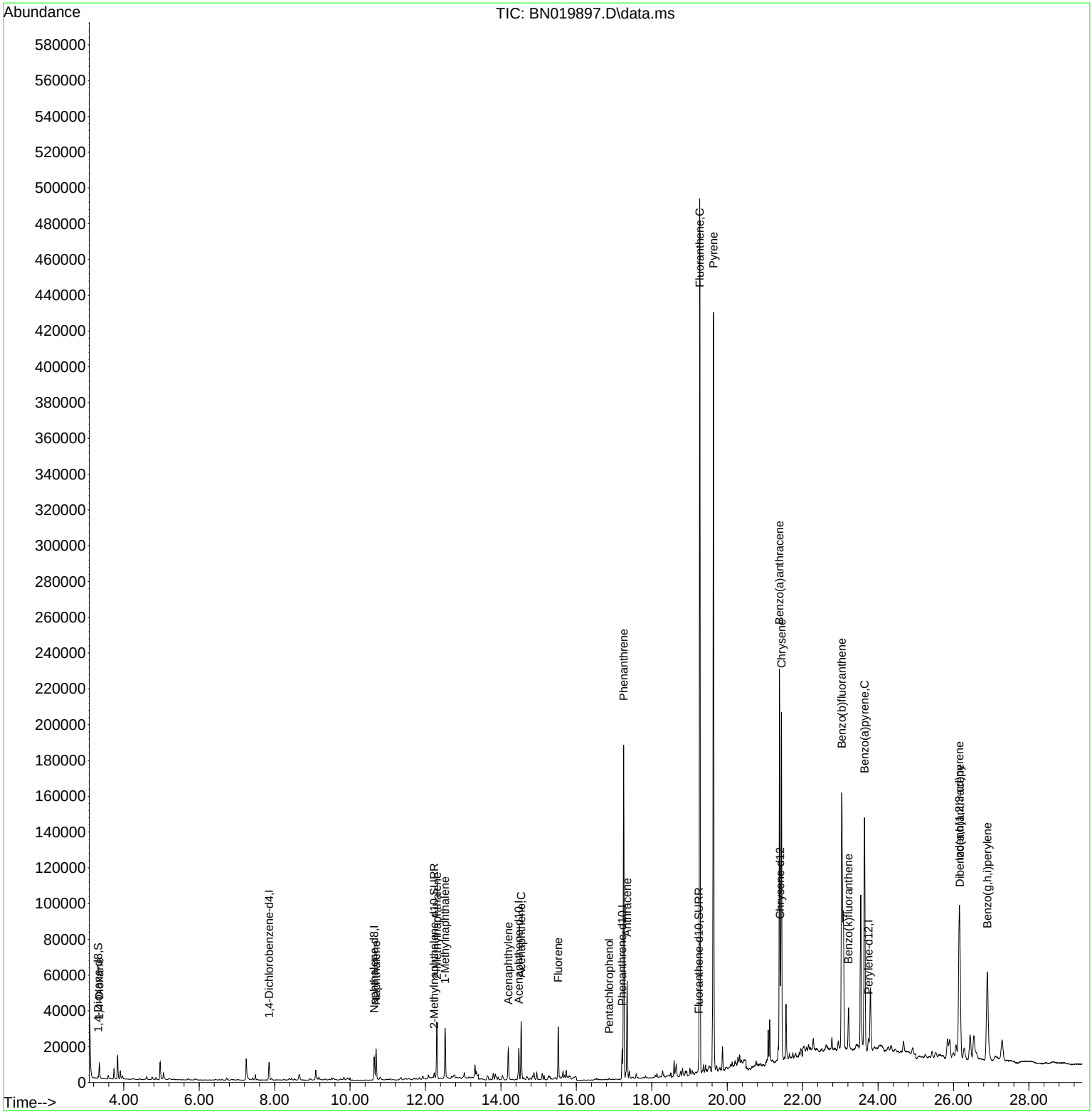
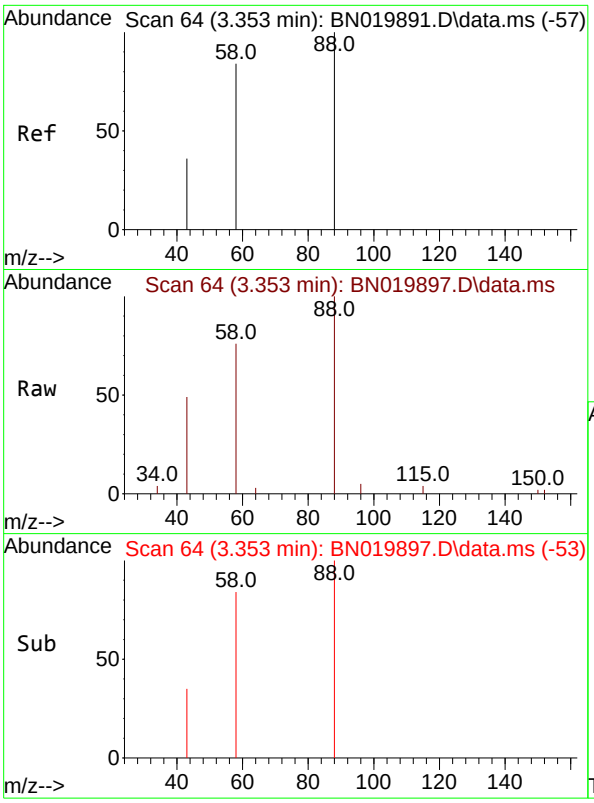
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Quant Time: May 23 01:48:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



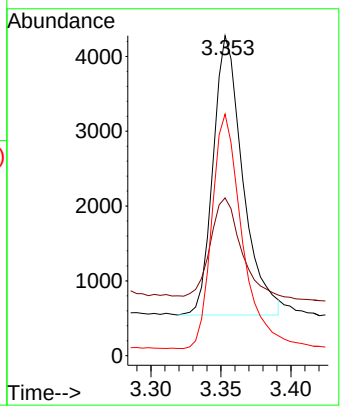


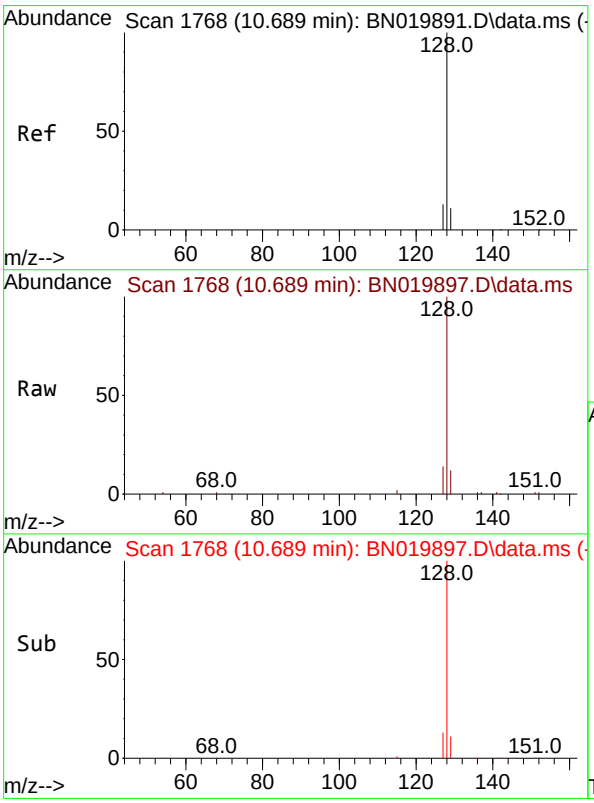
#2
1,4-Dioxane
Concen: 0.869 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion: 88 Resp: 5485

Ion	Ratio	Lower	Upper
88	100		
43	49.3	39.0	58.4
58	75.5	39.8	59.8#

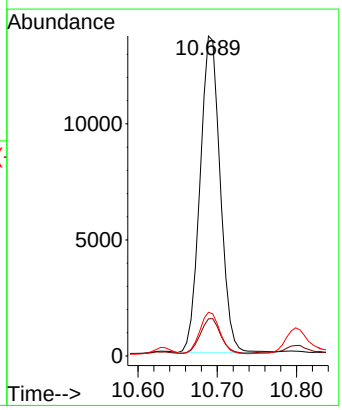


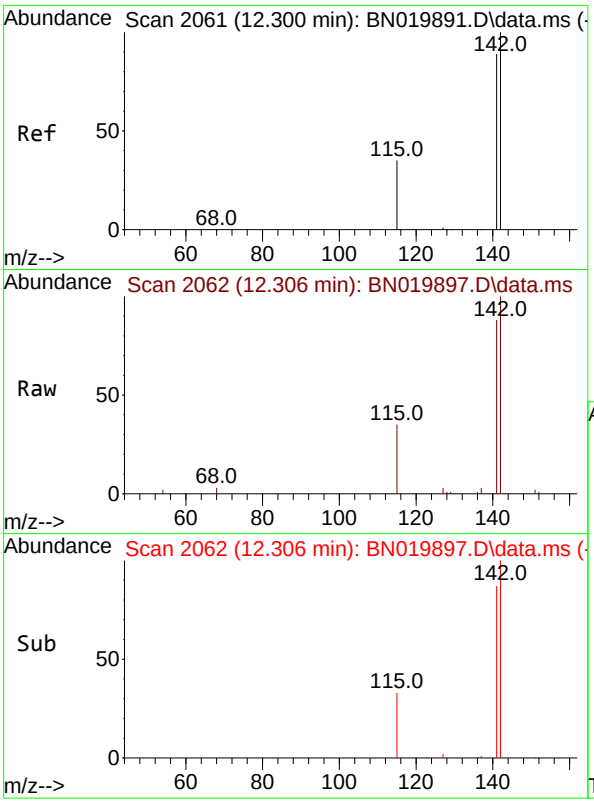


#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:128 Resp: 24078

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.6	11.0	16.4



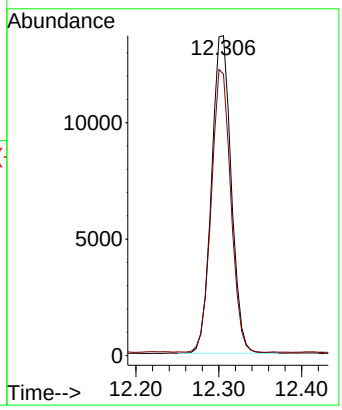


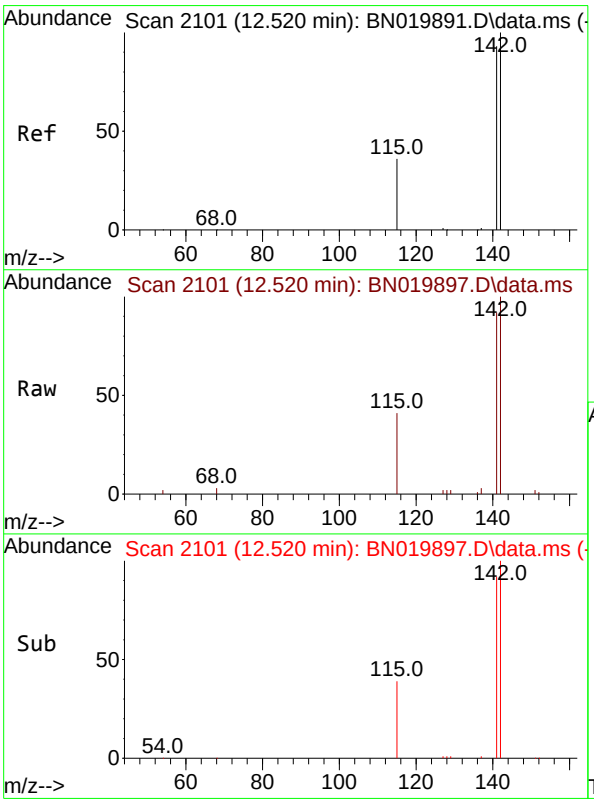
#7
2-Methylnaphthalene
Concen: 0.689 ng/ul
RT: 12.306 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:142 Resp: 22445

Ion	Ratio	Lower	Upper
142	100		
141	88.2	0.0	0.0#

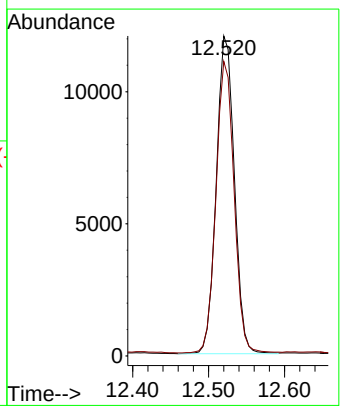


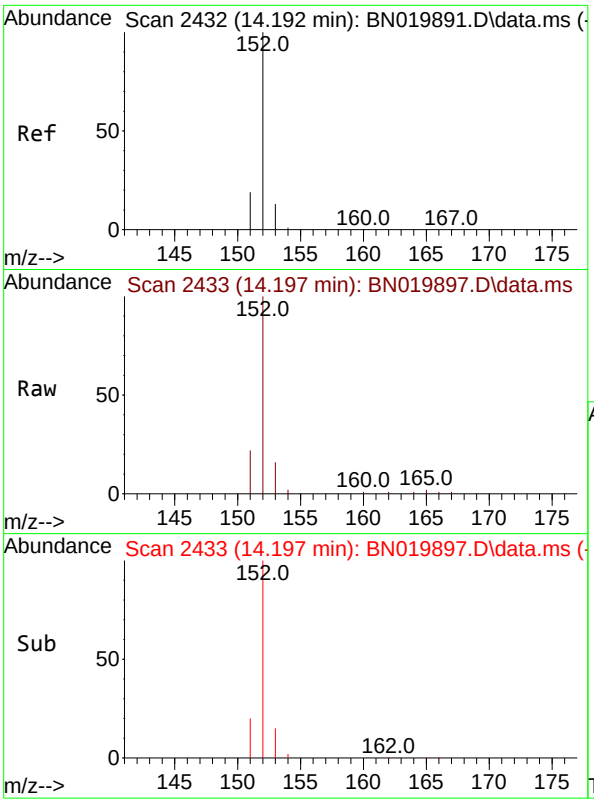


#8
1-Methylnaphthalene
Concen: 0.656 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:142 Resp: 19802

Ion	Ratio	Lower	Upper
142	100		
141	92.3	0.0	0.0#



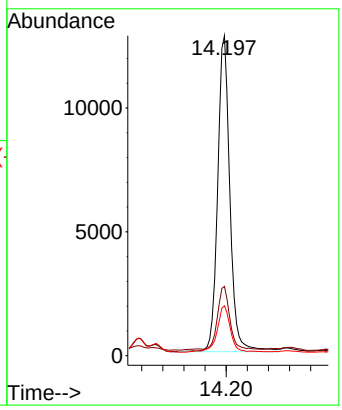


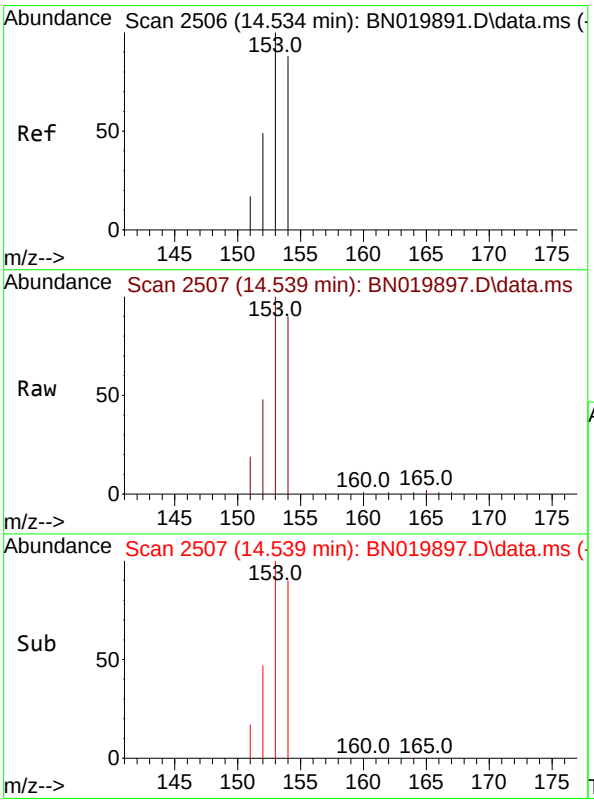
#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.197 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:152 Resp: 20538

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	15.6	11.1	16.7

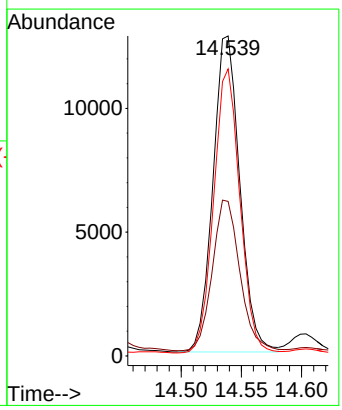


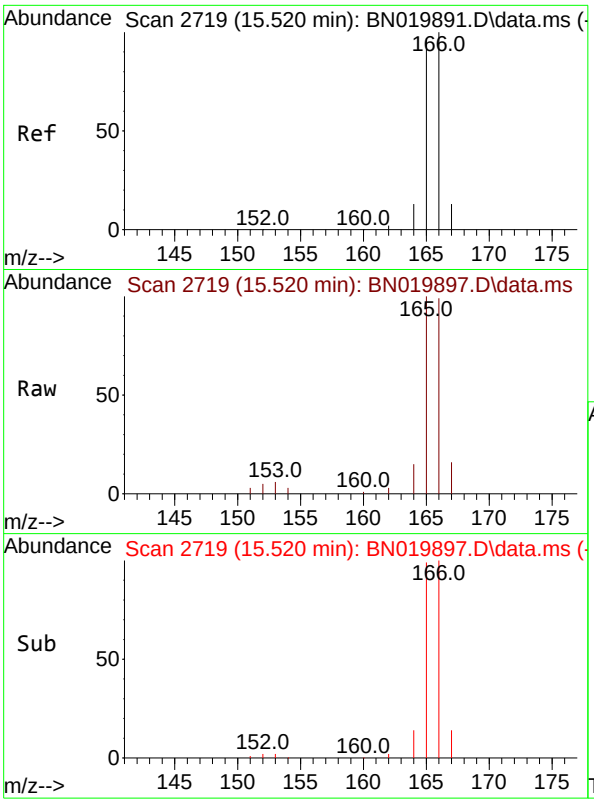


#11
Acenaphthene
Concen: 0.507 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:153 Resp: 19836

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.6	57.8
154	89.7	71.2	106.8



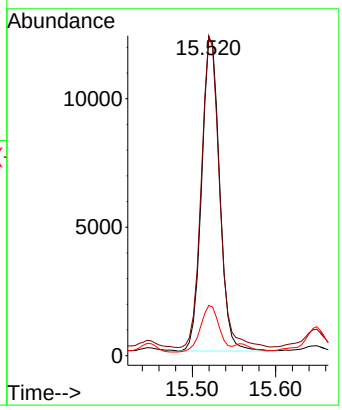


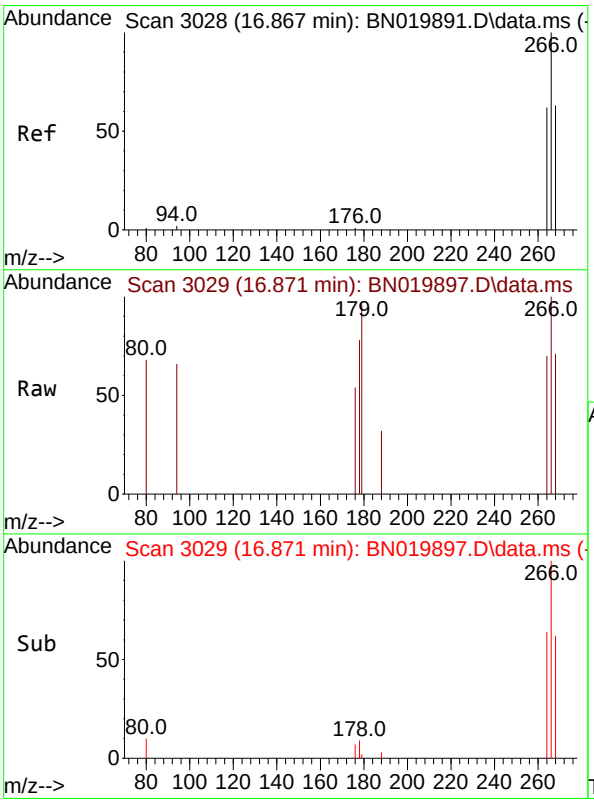
#12
Fluorene
Concen: 0.426 ng/ul
RT: 15.520 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:166 Resp: 18291

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.2	117.2
167	15.8	11.3	16.9

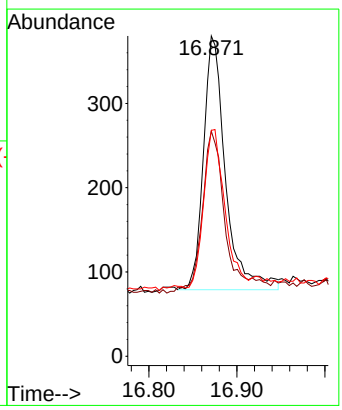


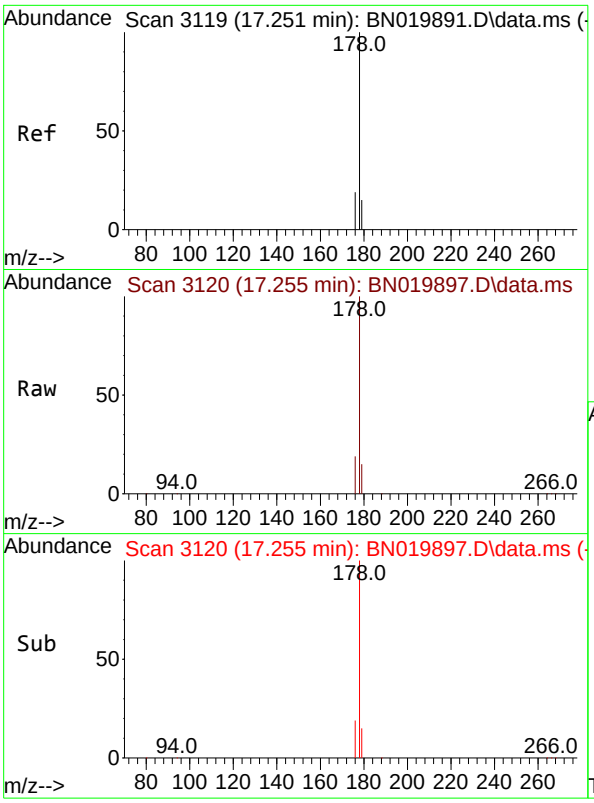


#14
Pentachlorophenol
Concen: 0.126 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. 0.004 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:266 Resp: 526

Ion	Ratio	Lower	Upper
266	100		
264	67.3	44.9	67.3
268	59.7	44.6	67.0



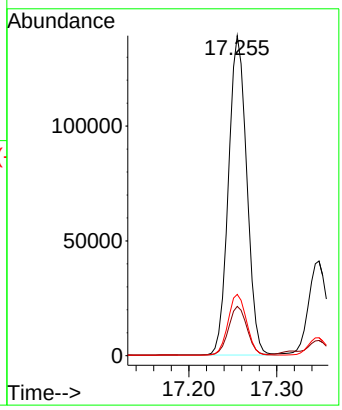


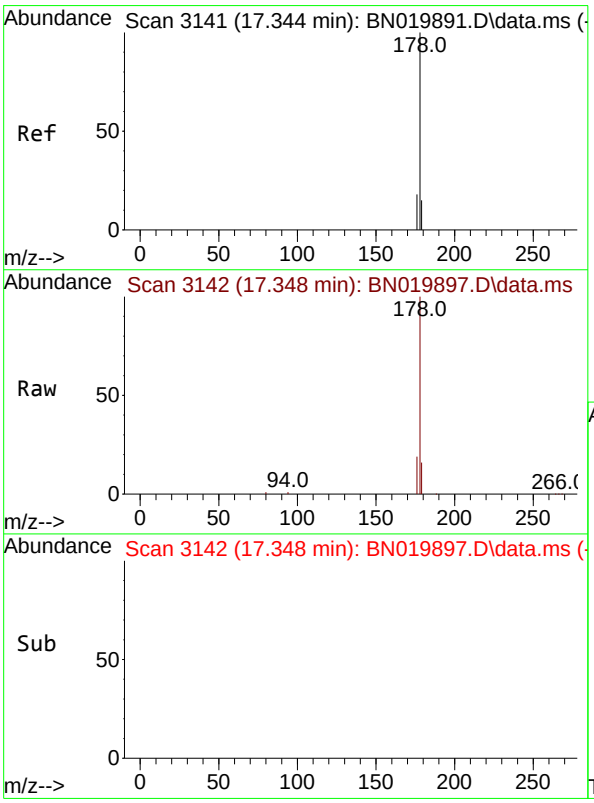
#15
Phenanthrene
Concen: 2.822 ng/ul
RT: 17.255 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:178 Resp: 200702

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.2	15.5	23.3

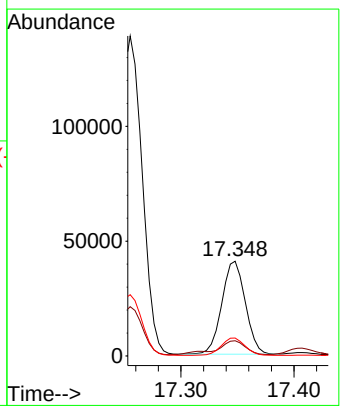


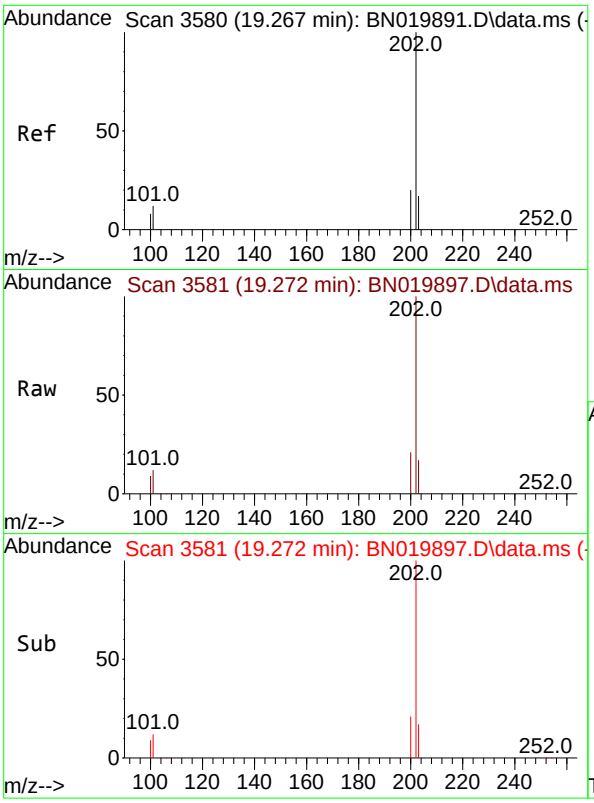


#16
Anthracene
Concen: 1.007 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:178 Resp: 58421

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	19.0	15.3	22.9



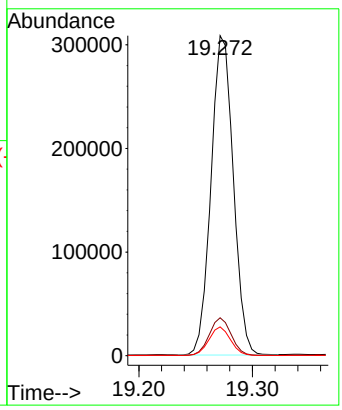


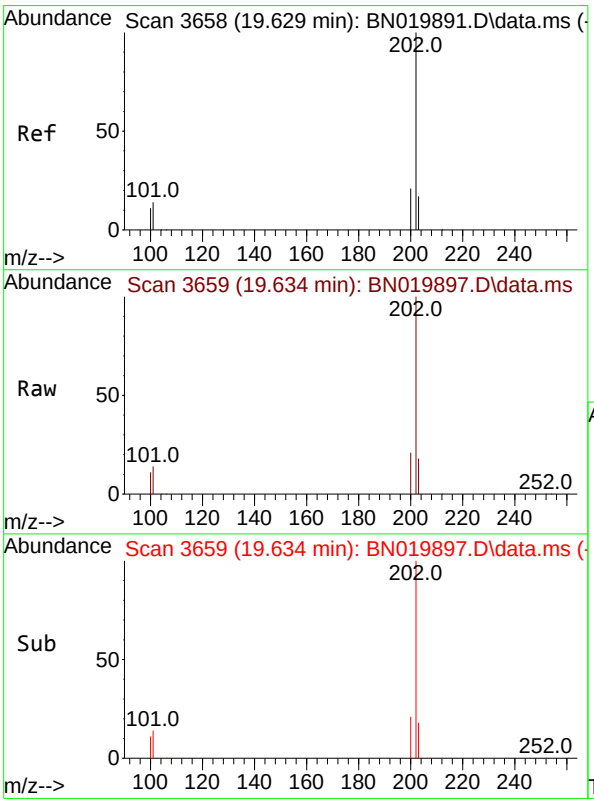
#19
Fluoranthene
Concen: 6.811 ng/ul
RT: 19.272 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:202 Resp: 420227

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	9.0	7.4	11.2

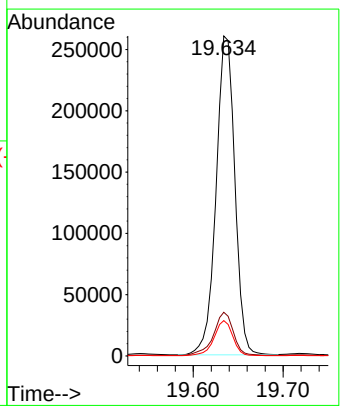


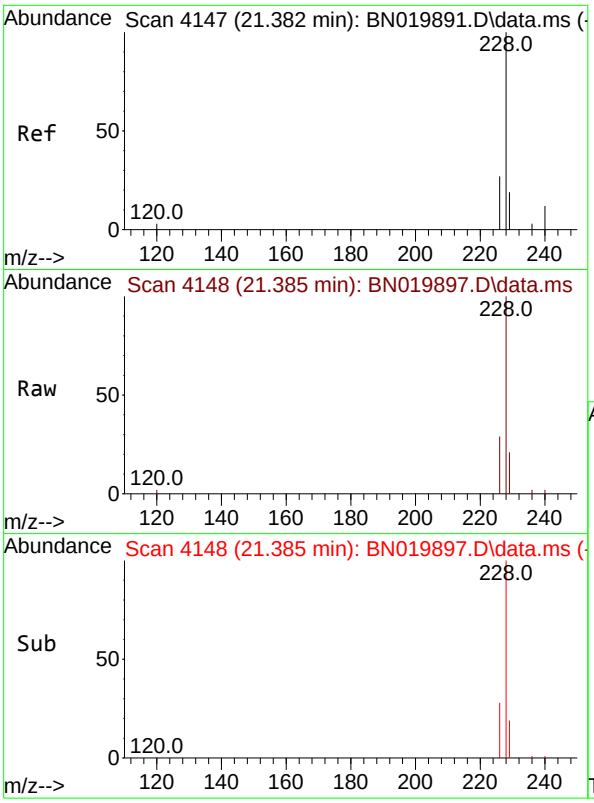


#20
Pyrene
Concen: 6.114 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:202 Resp: 376501

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	11.0	9.0	13.4



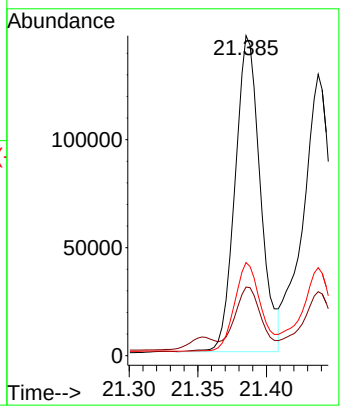


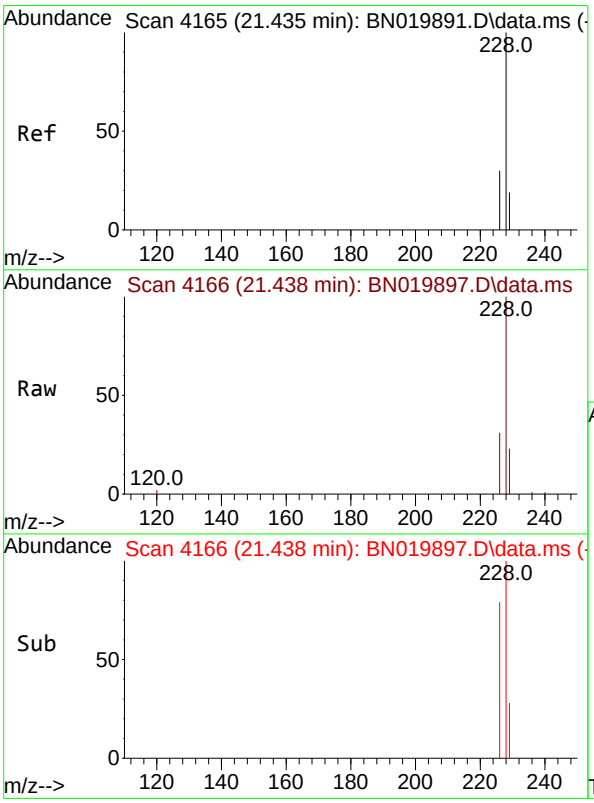
#21
Benzo(a)anthracene
Concen: 3.702 ng/ul
RT: 21.385 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:228 Resp: 186515

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.1	24.1
226	29.1	22.1	33.1

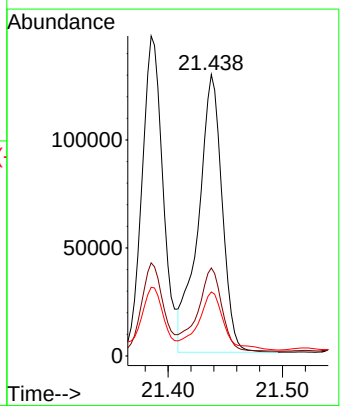


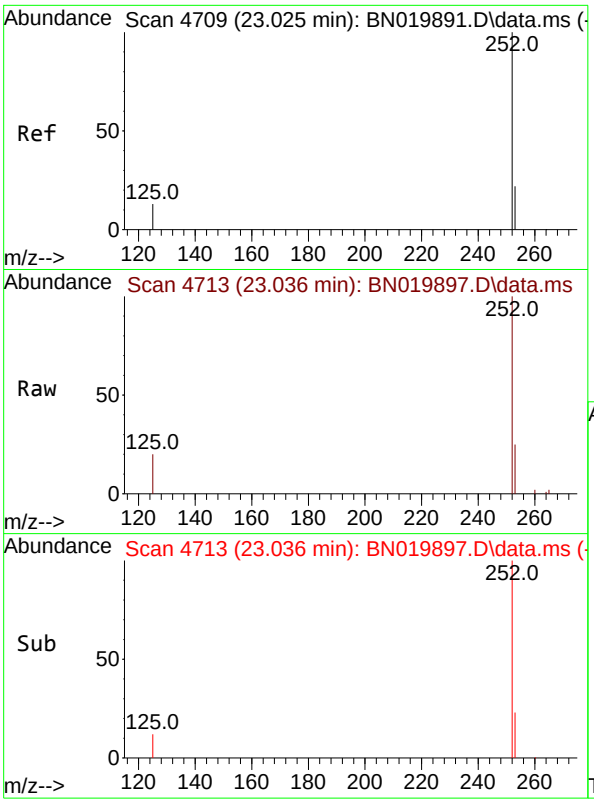


#22
Chrysene
Concen: 3.127 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:228 Resp: 185654

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	22.7	16.0	24.0



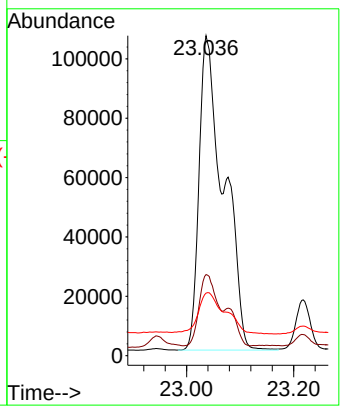


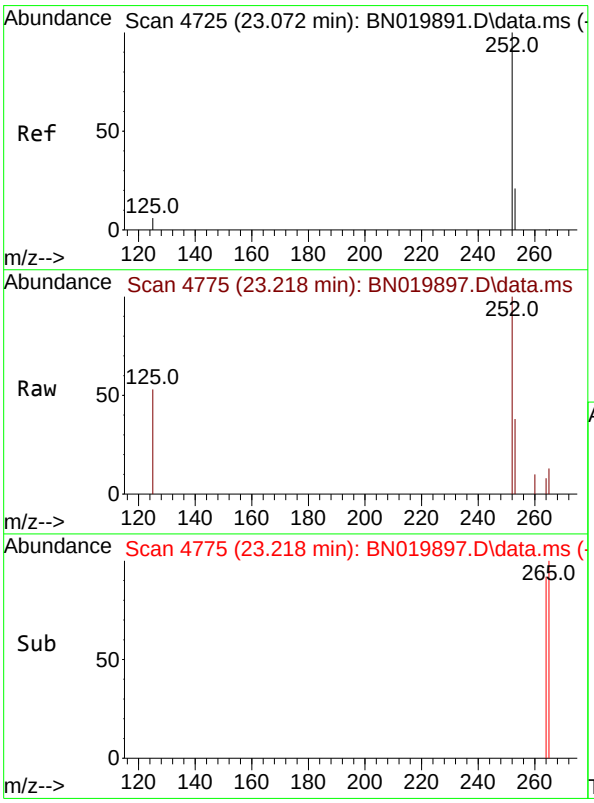
#24
Benzo(b)fluoranthene
Concen: 6.362 ng/ul
RT: 23.036 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:252 Resp: 338601

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	52.0
125	19.6	0.0	40.2

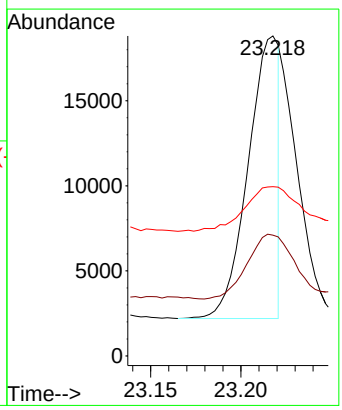


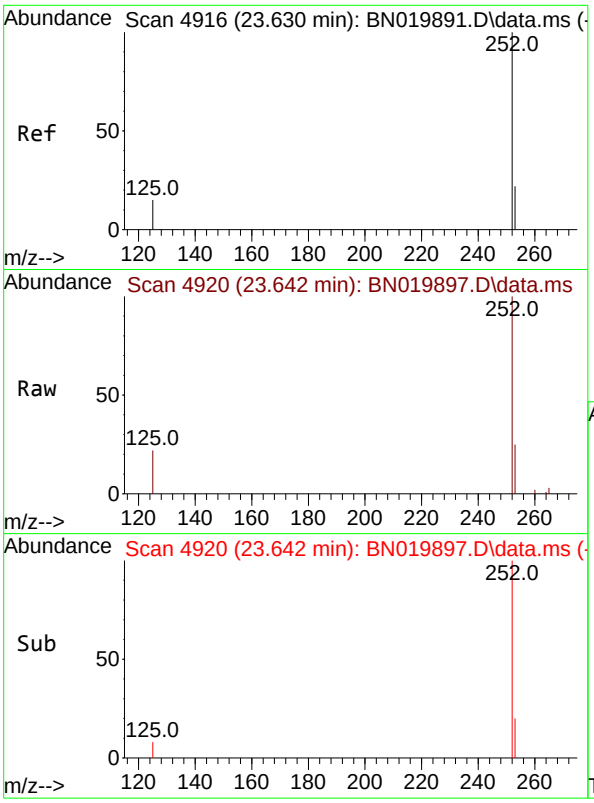


#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.218 min Scan# 4775
Delta R.T. 0.137 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:252 Resp: 19740

Ion	Ratio	Lower	Upper
252	100		
253	37.7	20.2	30.2#
125	52.9	11.0	16.6#



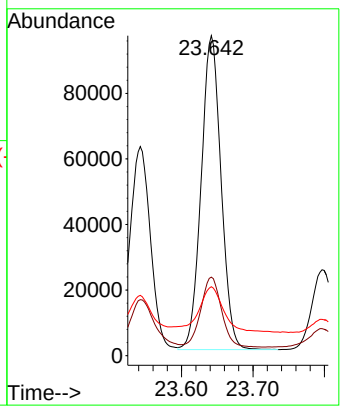


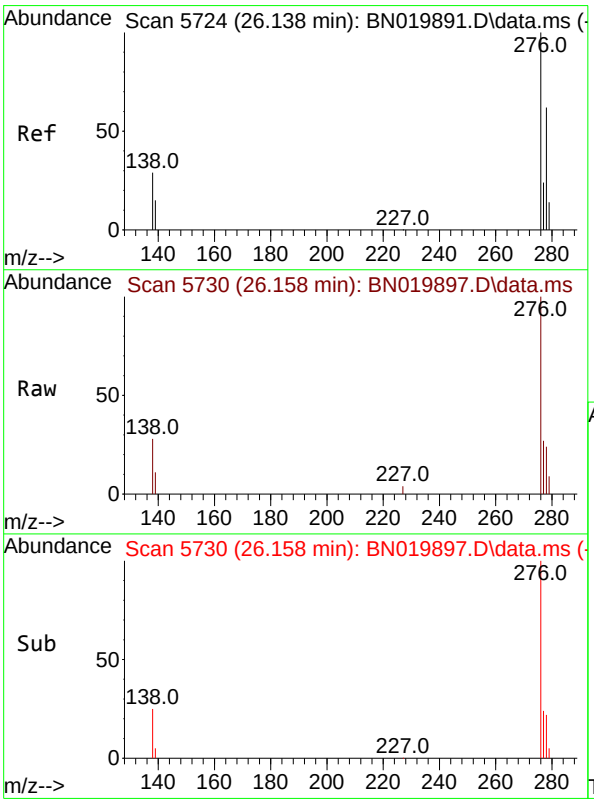
#26
Benzo(a)pyrene
Concen: 4.088 ng/ul
RT: 23.642 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:252 Resp: 185321

Ion	Ratio	Lower	Upper
252	100		
253	24.6	23.4	35.0
125	21.5	28.3	42.5#

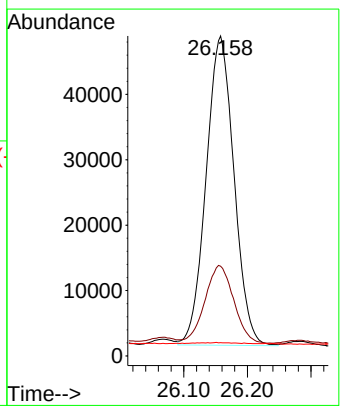


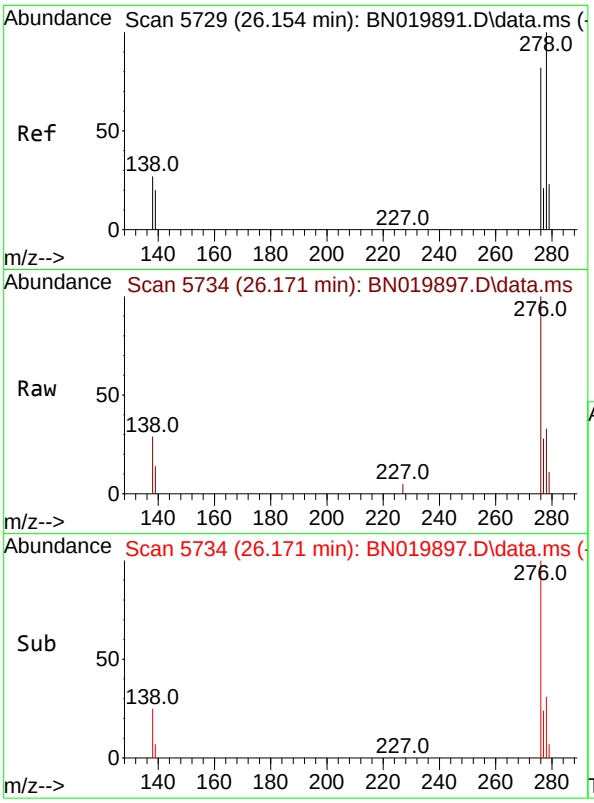


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.551 ng/ul
RT: 26.158 min Scan# 5730
Delta R.T. 0.010 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:276 Resp: 144273

Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.6	35.4
227	0.9	0.0	0.0#



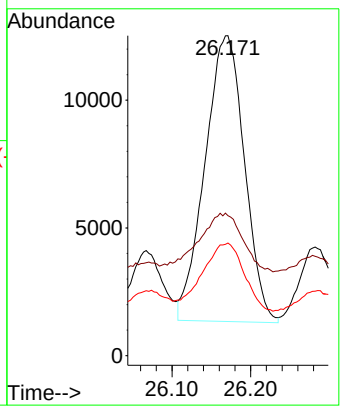


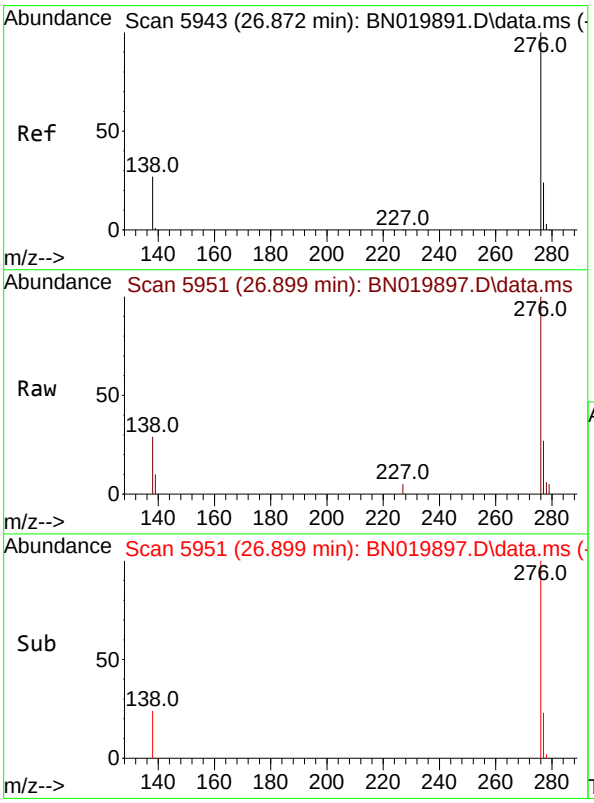
#28
Dibenzo(a,h)anthracene
Concen: 0.825 ng/ul
RT: 26.171 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:278 Resp: 39027

Ion	Ratio	Lower	Upper
278	100		
139	43.8	18.6	28.0#
279	35.2	35.1	52.7





#29
Benzo(g,h,i)perylene
Concen: 2.091 ng/ul
RT: 26.899 min Scan# 5951
Delta R.T. 0.020 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:276 Resp: 108093

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.9	31.3
277	27.2	20.4	30.6