Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022190.D
Acq On : 19 Oct 2022 10:46
Operator : CG/JU
Sample : SSTD0.146
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Quant Time: Oct 19 23:20:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:19:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4455	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	13324	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	7476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	16833	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	13570	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	10970	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	573	0.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.377	152	1933	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	4465	0.088	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	567	0.101	ng/ul#	79
5) Naphthalene	10.832	128	3869	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.448	142	2384	0.098	ng/ul	99
8) 1-Methylnaphthalene	12.668	142	2475	0.099	ng/ul	100
10) Acenaphthylene	14.344	152	3230	0.103	ng/ul	95
11) Acenaphthene	14.687	153	2793	0.105	ng/ul	98
12) Fluorene	15.677	166	3203	0.107	ng/ul	99
14) Pentachlorophenol	17.035	266	300	0.092	ng/ul	98
15) Phenanthrene	17.424	178	5560	0.105	ng/ul	98
16) Anthracene	17.517	178	4582	0.104	ng/ul	97
19) Fluoranthene	19.448	202	6143	0.097	ng/ul	99
20) Pyrene	19.810	202	6341	0.101	ng/ul	99
21) Benzo(a)anthracene	21.565	228	5107	0.112	ng/ul	97
22) Chrysene	21.617	228	5550	0.112	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	5551	0.104	ng/ul	79
25) Benzo(k)fluoranthene	23.339	252	5288	0.102	ng/ul#	80
26) Benzo(a)pyrene	23.933	252	4545	0.113	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.629	276	5477	0.121	ng/ul	99
28) Dibenzo(a,h)anthracene	26.652	278	4308	0.112	ng/ul#	87
29) Benzo(g,h,i)perylene	27.430	276	4464	0.107	ng/ul	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022190.D
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Quant Time: Oct 19 23:20:58 2022
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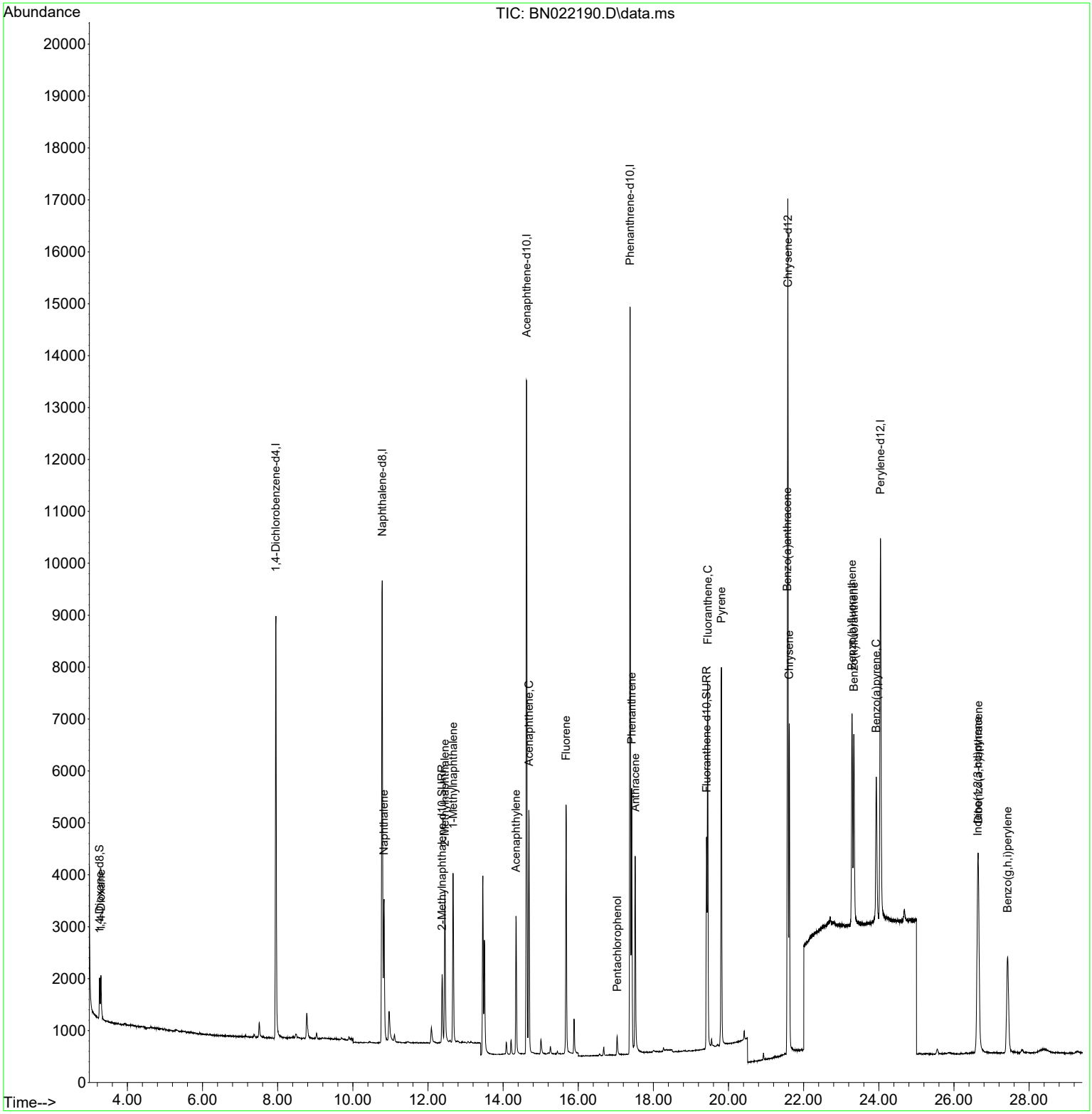
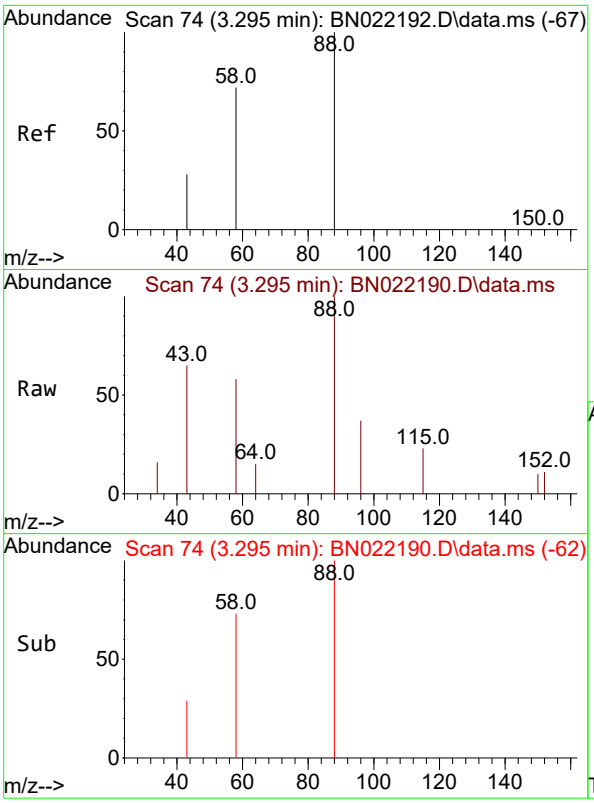
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:19:45 2022
Response via : Initial Calibration



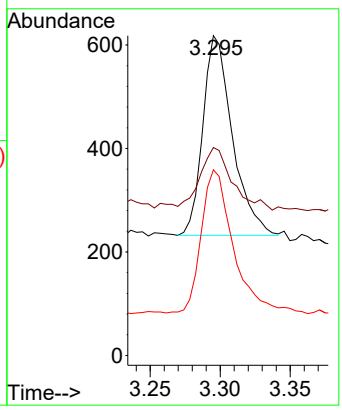


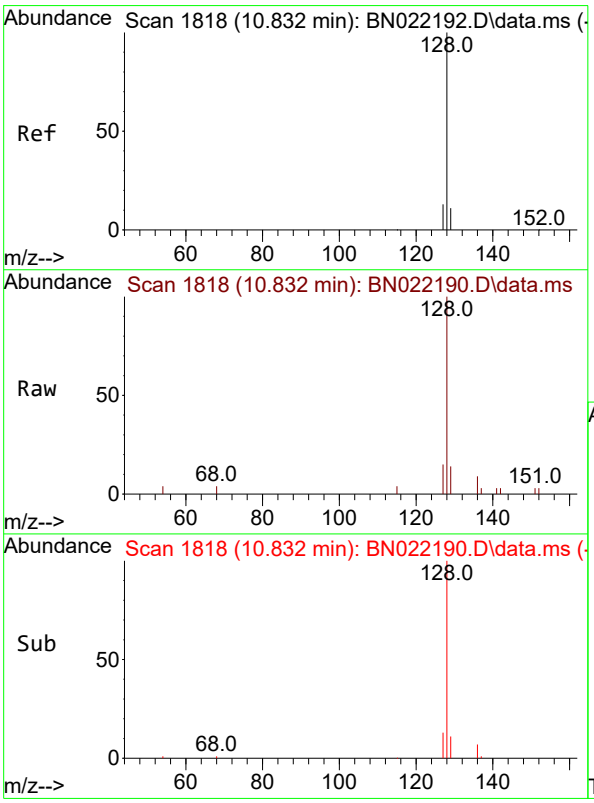
#2
1,4-Dioxane
Concen: 0.101 ng/ul
RT: 3.295 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion: 88 Resp: 567

Ion	Ratio	Lower	Upper
88	100		
43	65.0	27.4	41.2#
58	58.1	48.2	72.2

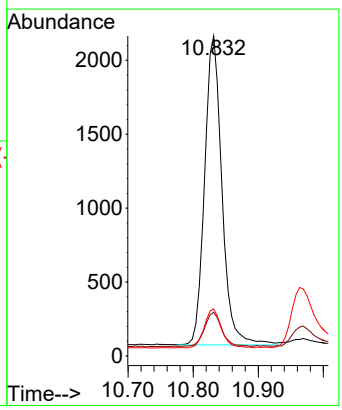


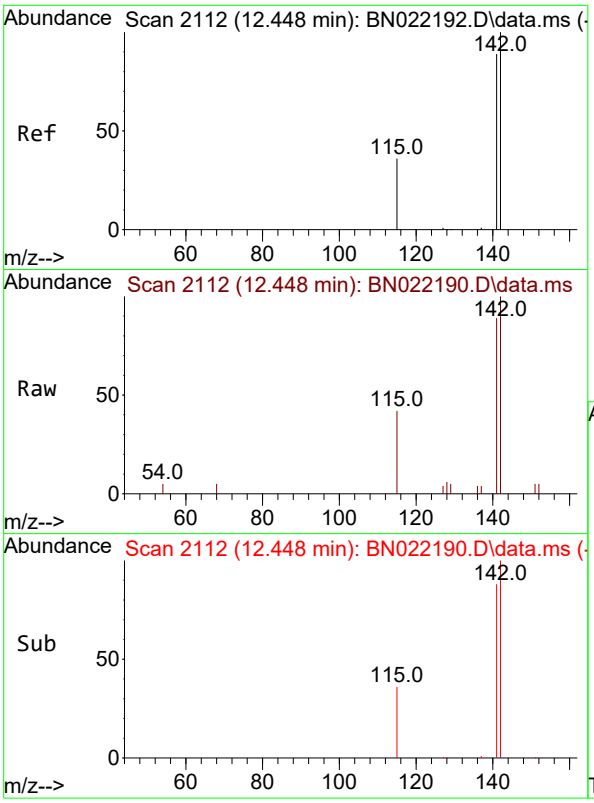


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.832 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:128 Resp: 3869

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.3	13.9
127	14.7	10.7	16.1



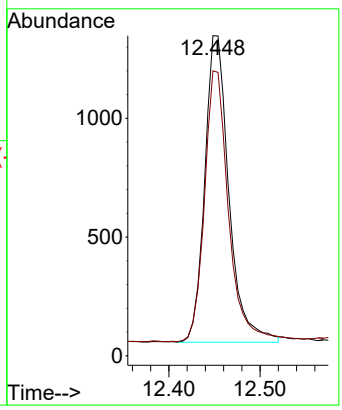


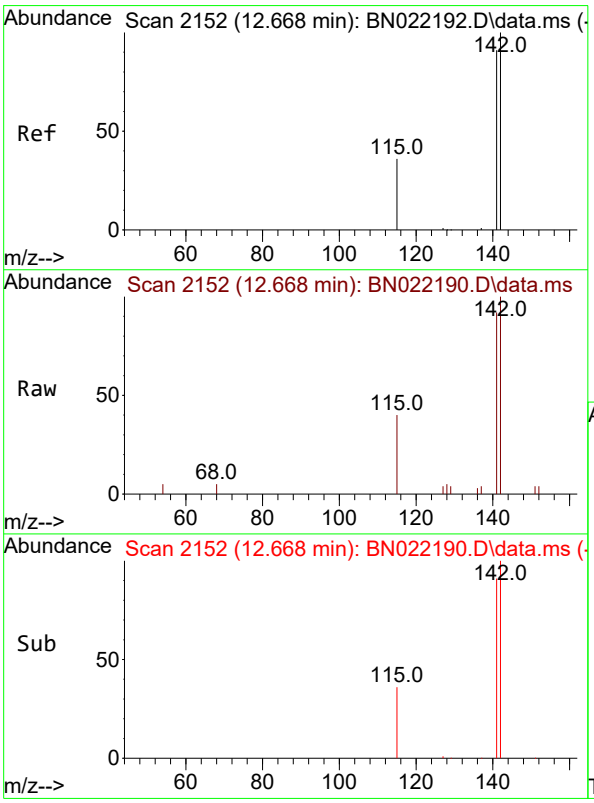
#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.448 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:142 Resp: 2384

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.1	106.7

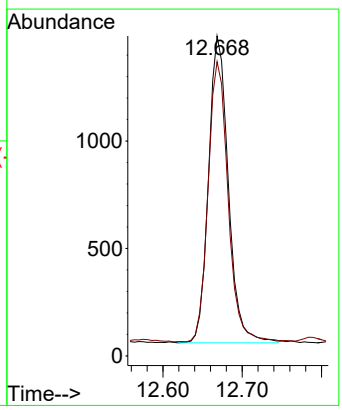


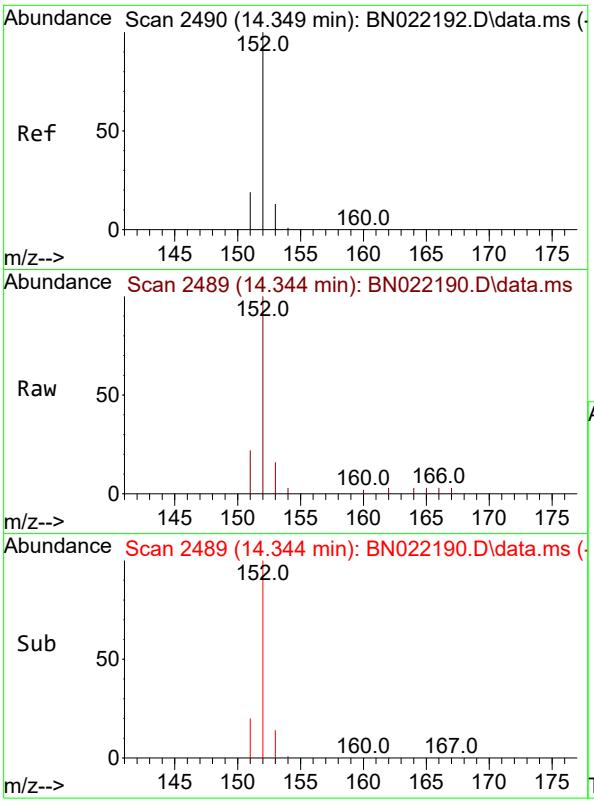


#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.668 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:142 Resp: 2475

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.3	109.9



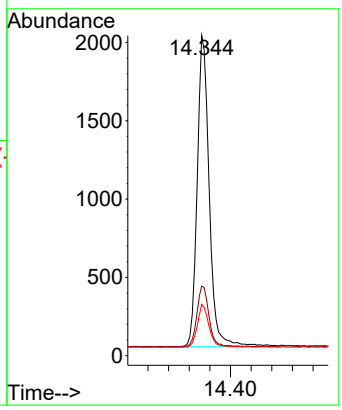


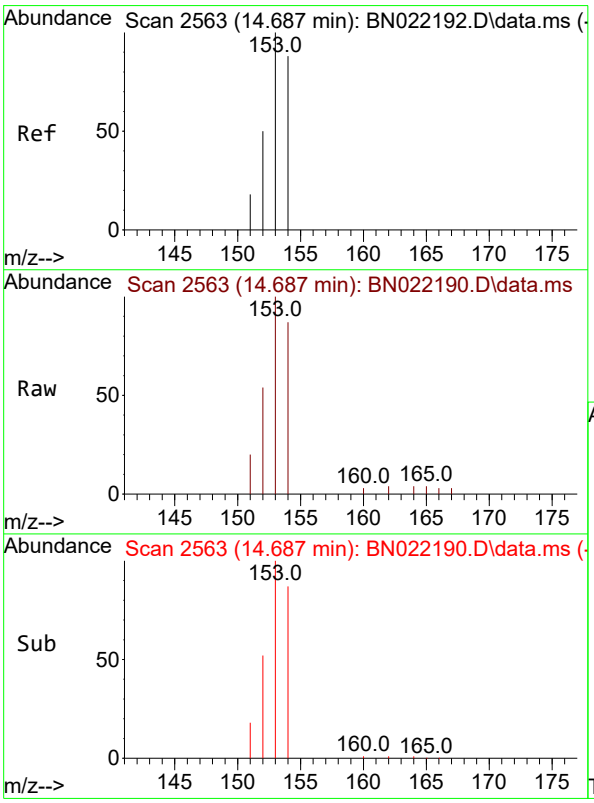
#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.344 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.9	23.9
153	16.0	10.8	16.2

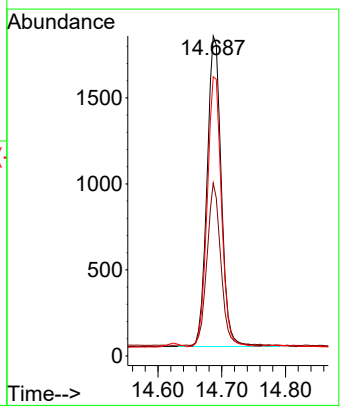


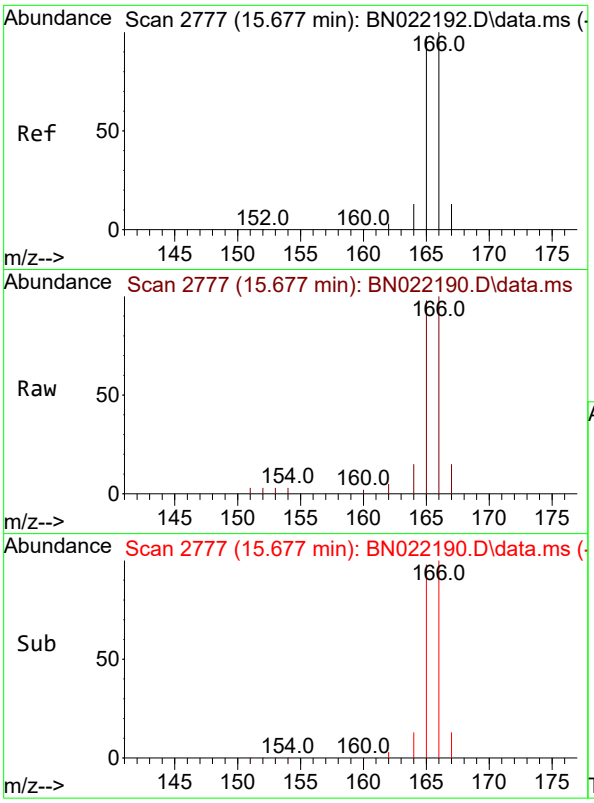


#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.687 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:153 Resp: 2793

Ion	Ratio	Lower	Upper
153	100		
152	54.0	40.6	61.0
154	87.3	70.6	106.0



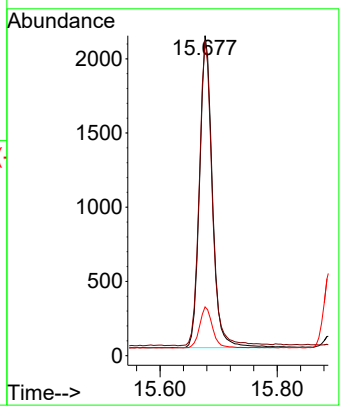


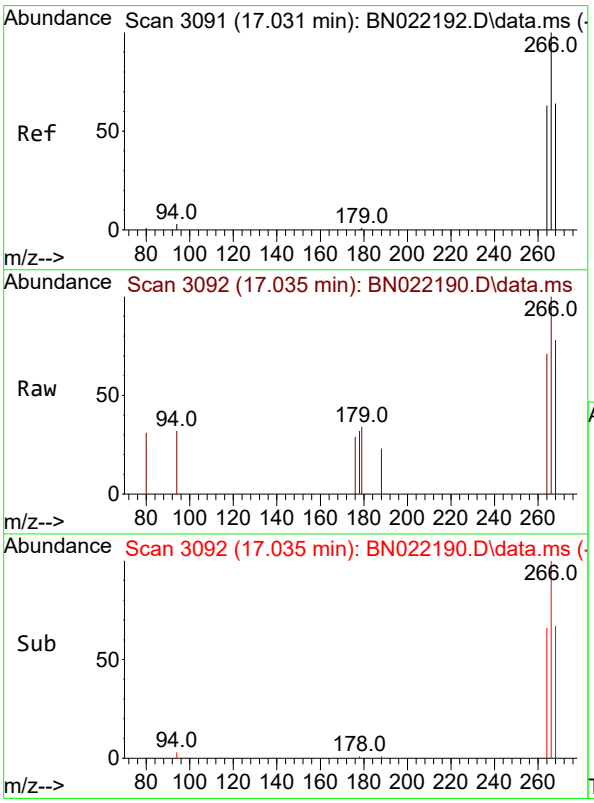
#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.677 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:166 Resp: 3203

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.2
167	15.3	11.0	16.4

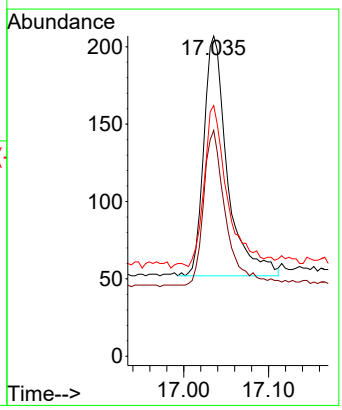


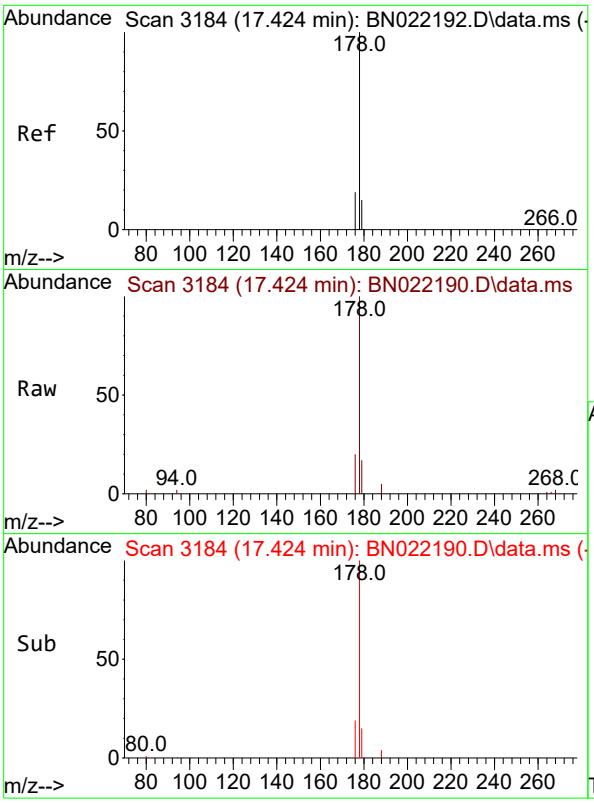


#14
Pentachlorophenol
Concen: 0.092 ng/ul
RT: 17.035 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:266 Resp: 300

Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.8	74.6
268	66.0	51.4	77.2



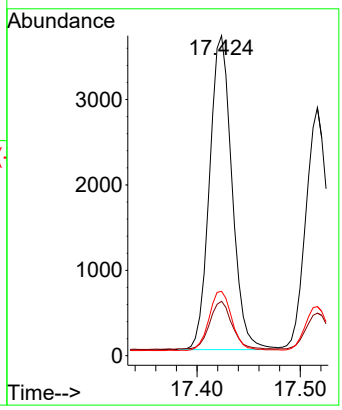


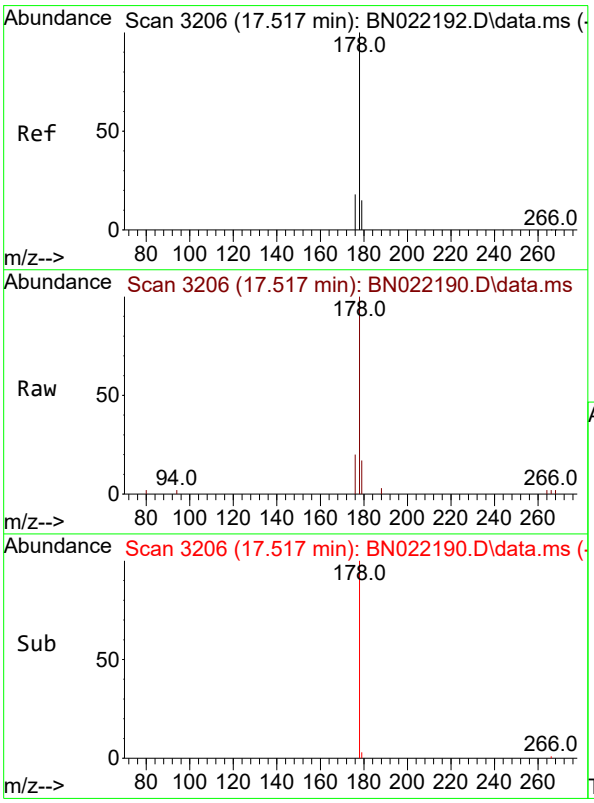
#15
Phenanthrene
Concen: 0.105 ng/ul
RT: 17.424 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:178 Resp: 5560

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.7	19.1
176	20.1	15.4	23.2

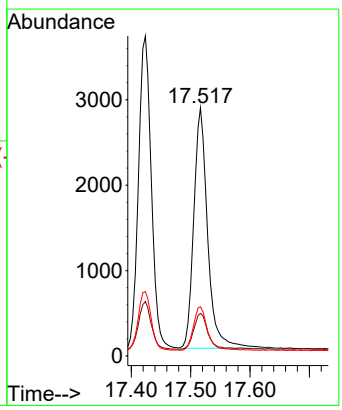


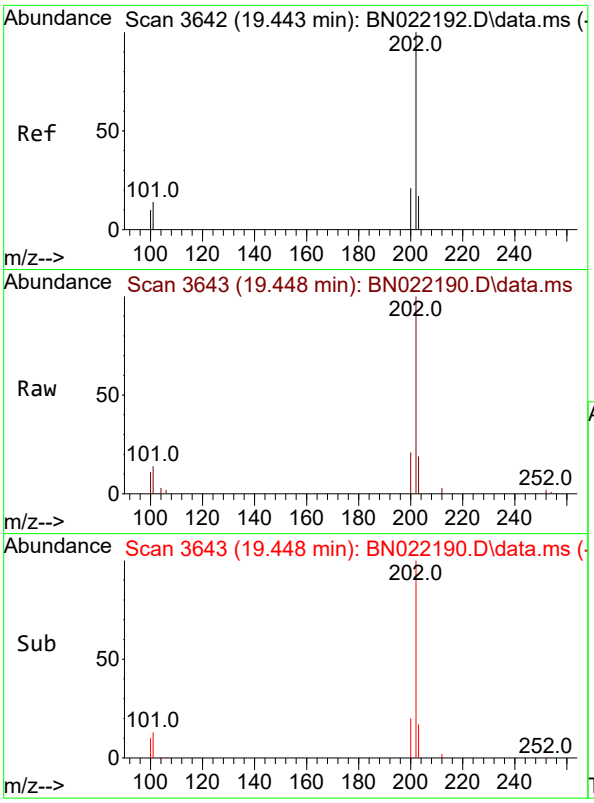


#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.517 min Scan# 3206
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:178 Resp: 4582

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	18.8
176	19.8	15.0	22.6



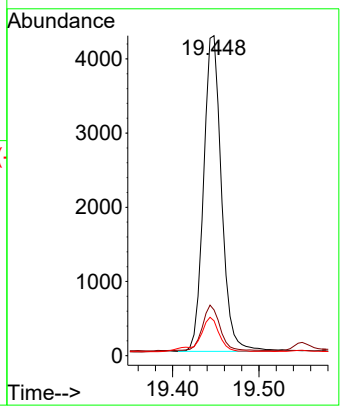


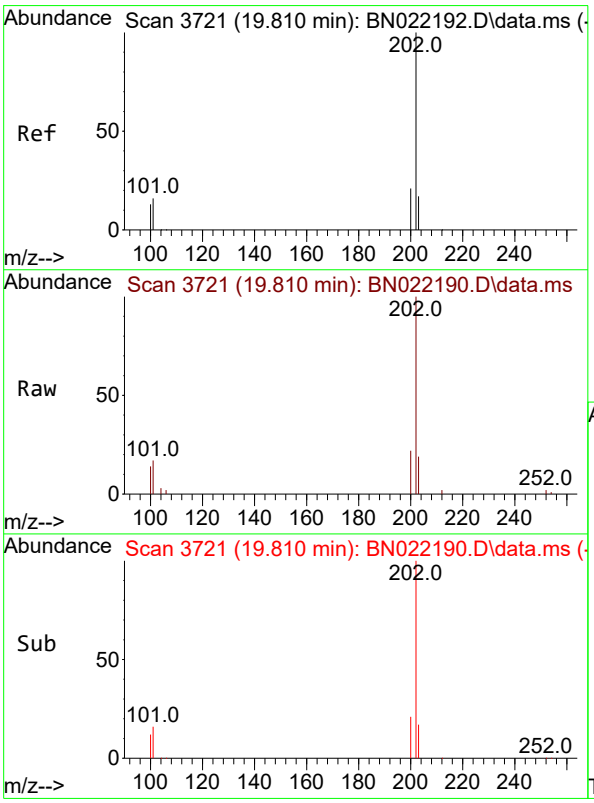
#19
Fluoranthene
Concen: 0.097 ng/ul
RT: 19.448 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:202 Resp: 6143

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.8	17.6
100	10.9	8.7	13.1

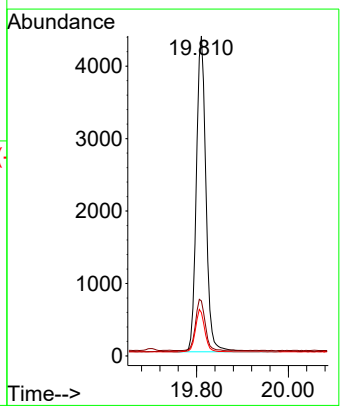


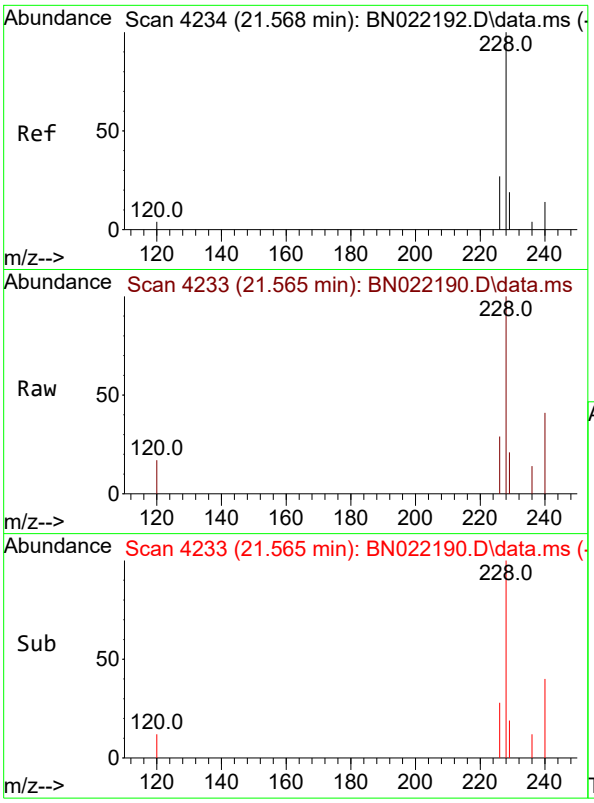


#20
Pyrene
Concen: 0.101 ng/ul
RT: 19.810 min Scan# 3721
Delta R.T. 0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:202 Resp: 6341

Ion	Ratio	Lower	Upper
202	100		
101	17.2	13.1	19.7
100	13.6	10.6	16.0



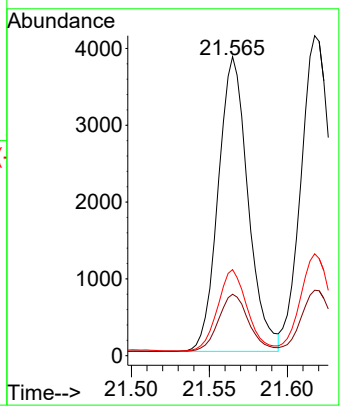


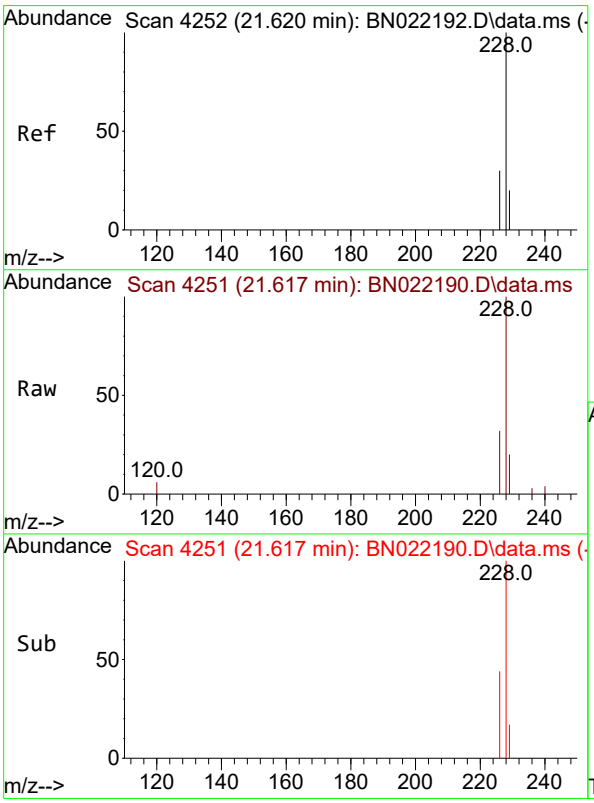
#21
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.565 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:228 Resp: 5107

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.8	21.5	32.3

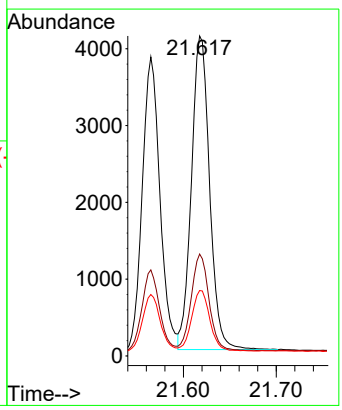


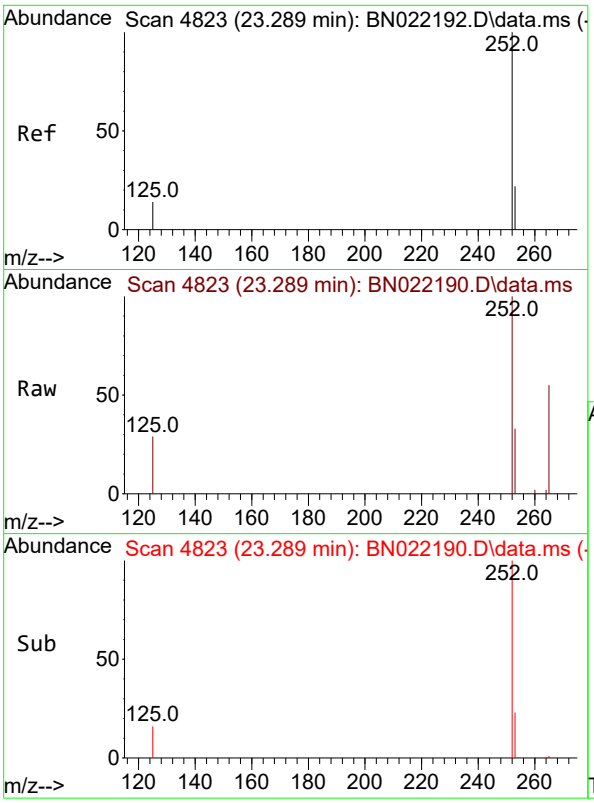


#22
Chrysene
Concen: 0.112 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:228 Resp: 5550

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.9	35.9
229	20.4	15.9	23.9



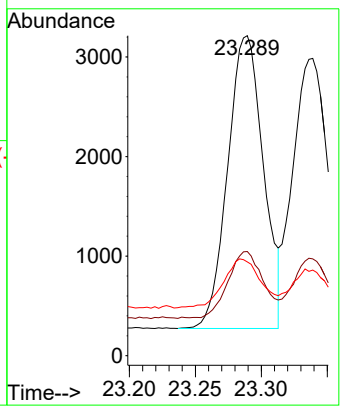


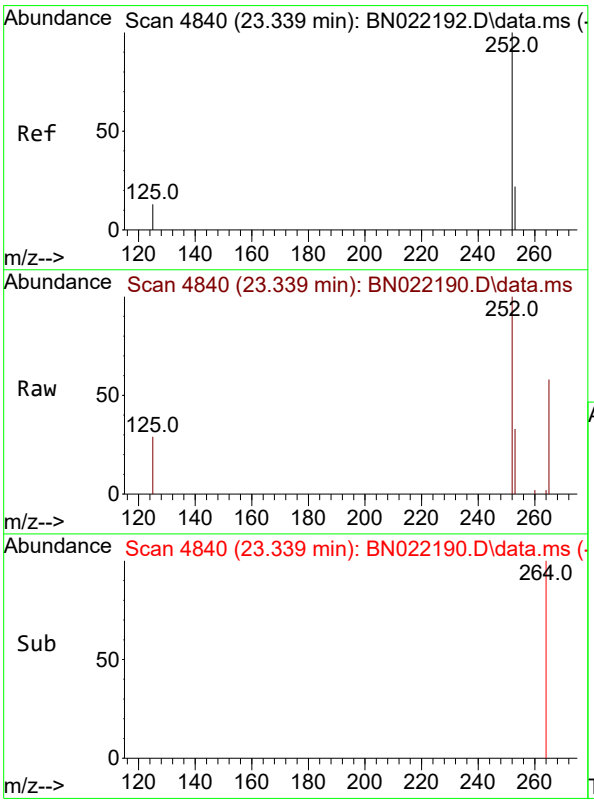
#24
Benzo(b)fluoranthene
Concen: 0.104 ng/ul
RT: 23.289 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:252 Resp: 5551

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	49.0
125	29.3	0.0	35.2

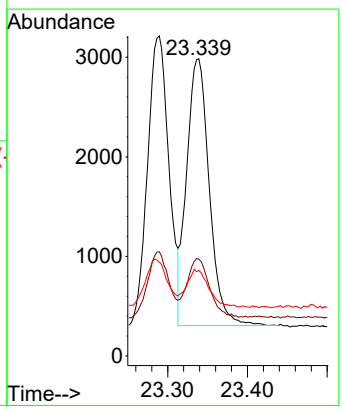


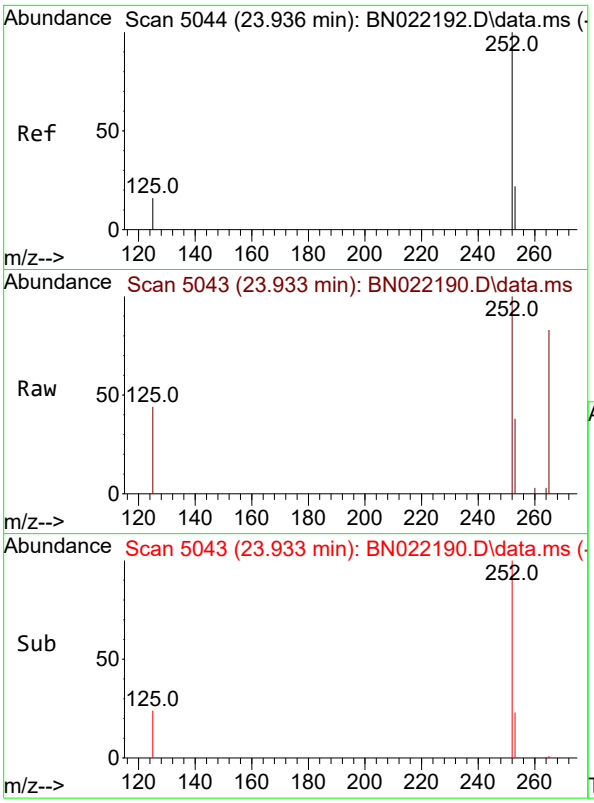


#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul
RT: 23.339 min Scan# 4840
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:252 Resp: 5288

Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.7	29.5#
125	28.8	14.0	21.0#



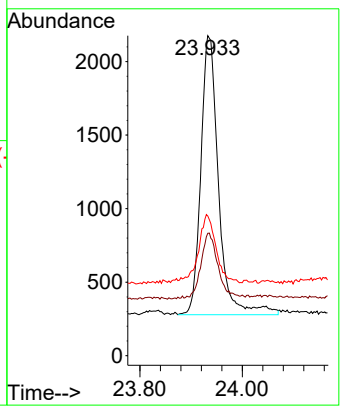


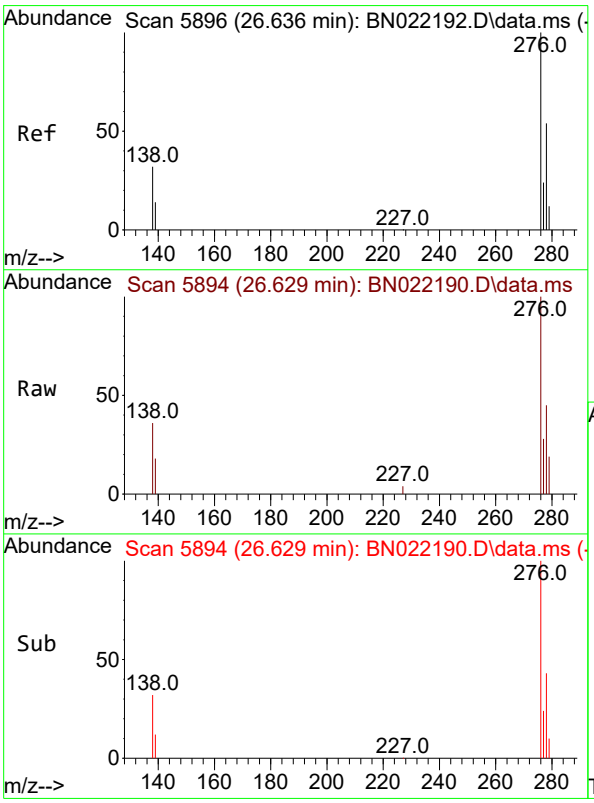
#26
Benzo(a)pyrene
Concen: 0.113 ng/ul
RT: 23.933 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:252 Resp: 4545

Ion	Ratio	Lower	Upper
252	100		
253	38.2	21.0	31.6#
125	43.7	17.9	26.9#

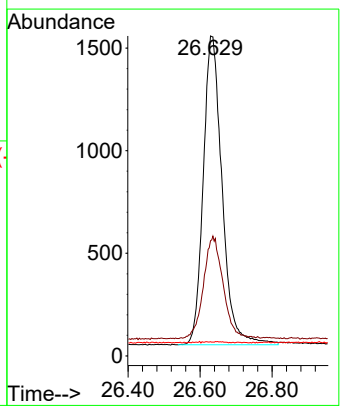


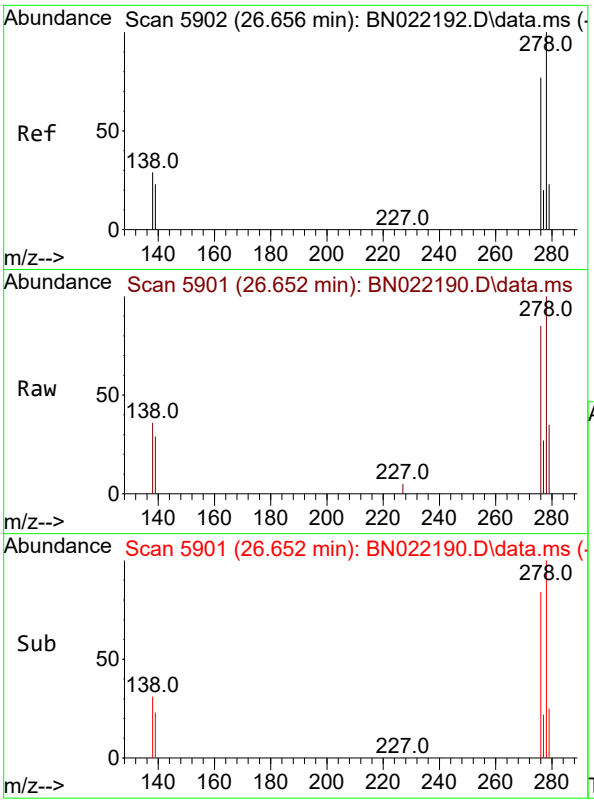


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.629 min Scan# 5894
Delta R.T. -0.007 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:276 Resp: 5477

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.7	41.5
227	0.2	0.2	0.2



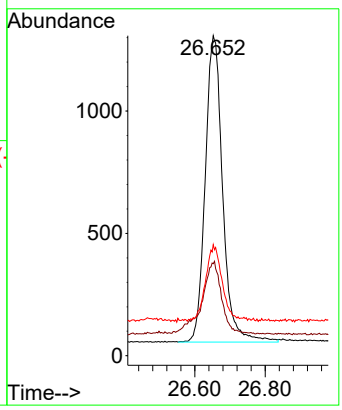


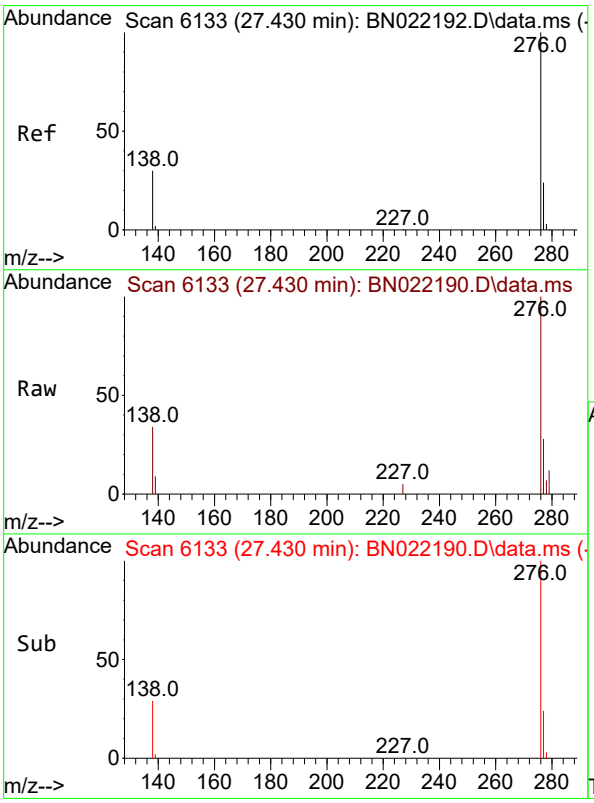
#28
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 26.652 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:278 Resp: 4308

Ion	Ratio	Lower	Upper
278	100		
139	28.7	19.6	29.4
279	34.7	20.6	30.8#





#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 27.430 min Scan# 6133
Delta R.T. -0.000 min
Lab File: BN022190.D
Acq: 19 Oct 2022 10:46

Tgt Ion:276 Resp: 4464

Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.2	37.8
277	28.3	19.9	29.9