Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
Data File : BN022561.D
Acq On : 08 Nov 2022 15:22
Operator : CG/JU
Sample : PB148837BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 09 01:22:06 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 : Mon Nov 07 23:39:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	1441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	5015	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	3330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	7206	0.400	ng/ul	0.00
17) Chrysene-d12	21.552	240	5963	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	4736	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1097	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	2809	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.384	212	7313	0.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	2970	1.545	ng/ul	89
5) Naphthalene	10.789	128	4589	0.310	ng/ul	97
7) 2-Methylnaphthalene	12.411	142	3132	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	3357	0.350	ng/ul	100
10) Acenaphthylene	14.313	152	5137	0.344	ng/ul	97
11) Acenaphthene	14.651	153	3813	0.302	ng/ul	99
12) Fluorene	15.645	166	4448	0.304	ng/ul	100
14) Pentachlorophenol	17.011	266	1063	0.620	ng/ul	99
15) Phenanthrene	17.391	178	7452	0.308	ng/ul	99
16) Anthracene	17.484	178	6823	0.335	ng/ul	98
19) Fluoranthene	19.416	202	8739	0.320	ng/ul	98
20) Pyrene	19.779	202	8998	0.328	ng/ul	99
21) Benzo(a)anthracene	21.538	228	7624	0.341	ng/ul	96
22) Chrysene	21.590	228	7814	0.330	ng/ul	98
24) Benzo(b)fluoranthene	23.248	252	6979	0.293	ng/ul	88
25) Benzo(k)fluoranthene	23.297	252	6670	0.288	ng/ul#	88
26) Benzo(a)pyrene	23.888	252	6511	0.343	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.561	276	6985	0.296	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.588	278	5745	0.305	ng/ul#	90
29) Benzo(g,h,i)perylene	27.356	276	5907	0.308	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
Data File : BN022561.D
Acq On : 08 Nov 2022 15:22
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Sample : PB148837BS
Misc :
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Instrument :
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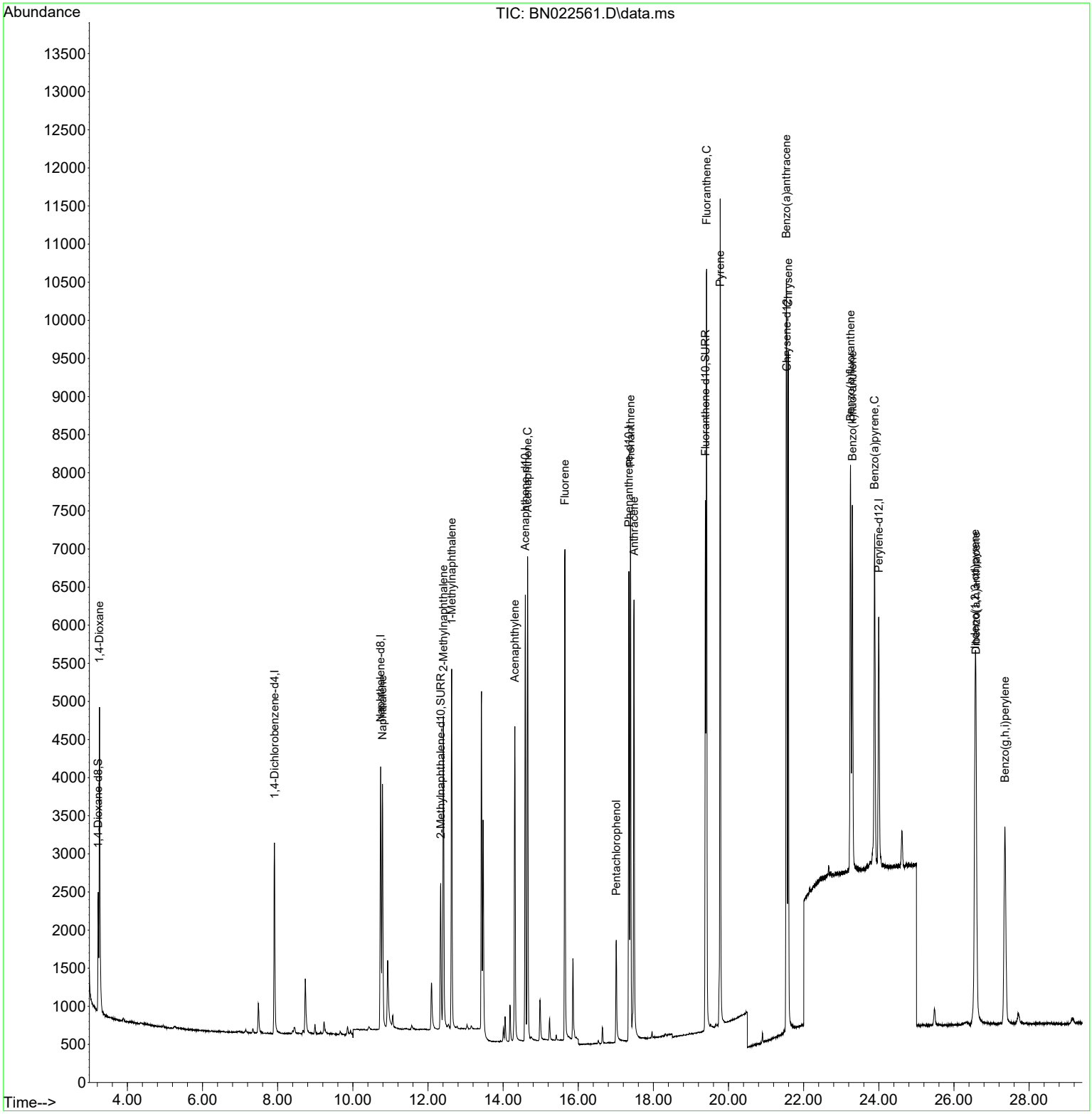
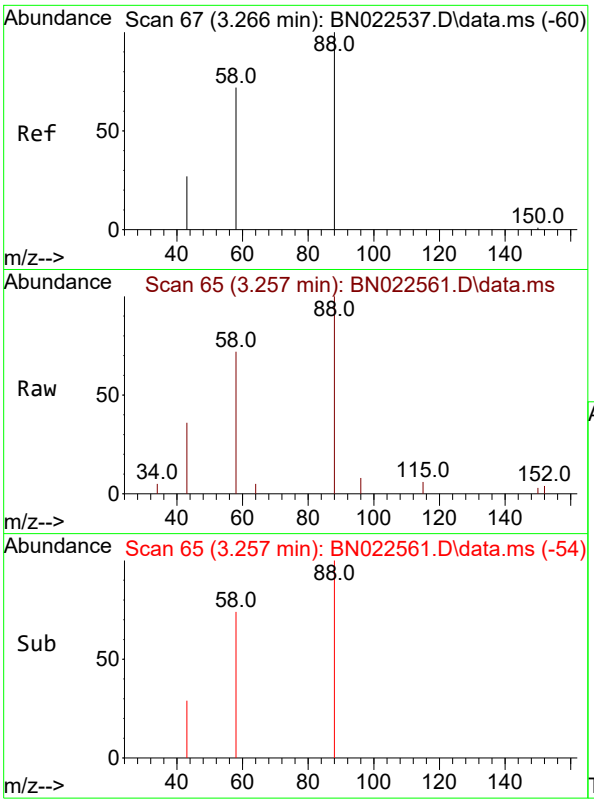
Quant Time: Nov 09 01:22:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 23:39:33 2022
Response via : Initial Calibration



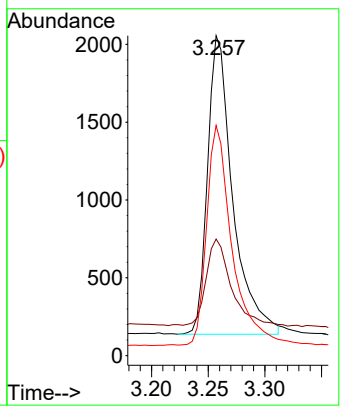


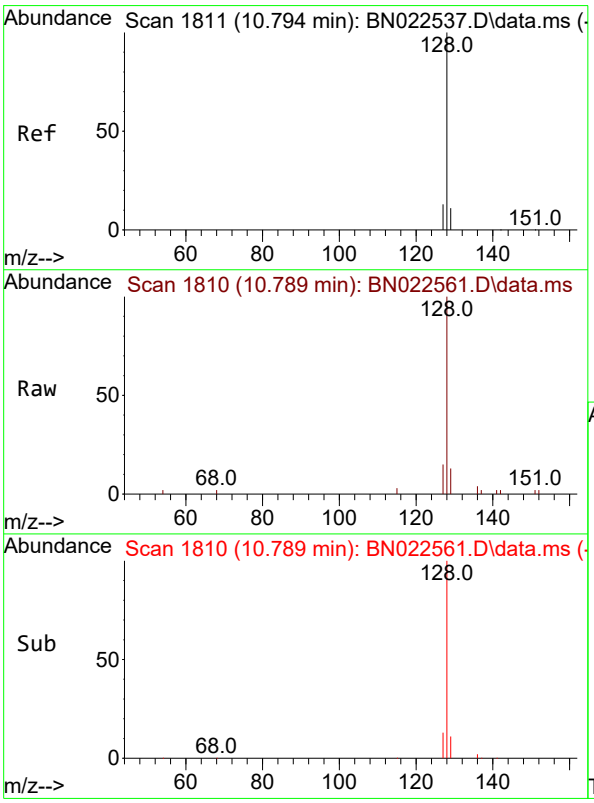
#2
1,4-Dioxane
Concen: 1.545 ng/ul
RT: 3.257 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2970

Ion	Ratio	Lower	Upper
88	100		
43	36.4	27.4	41.2
58	71.9	48.2	72.2

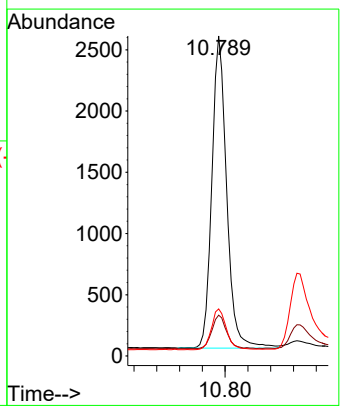


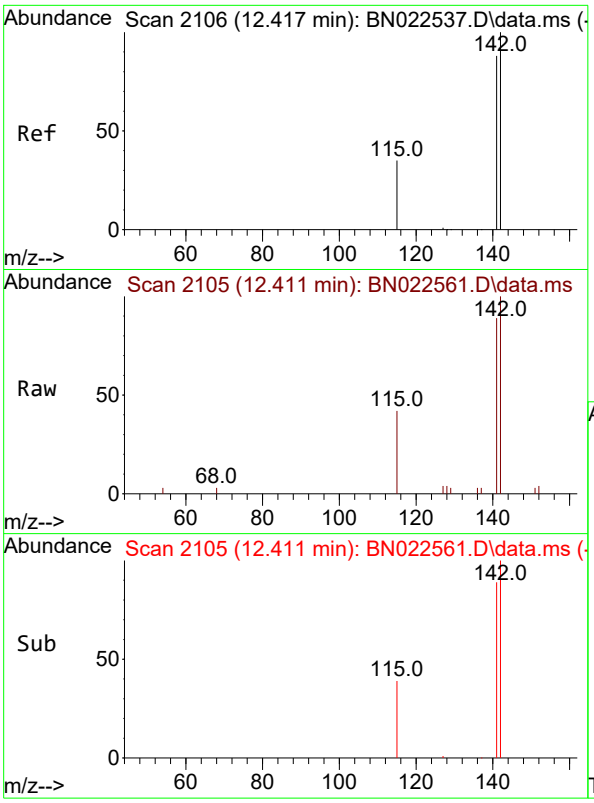


#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.789 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:128 Resp: 4589

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	14.7	10.7	16.1



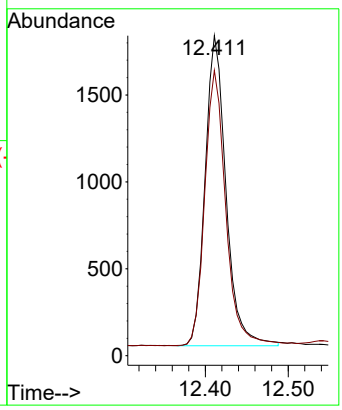


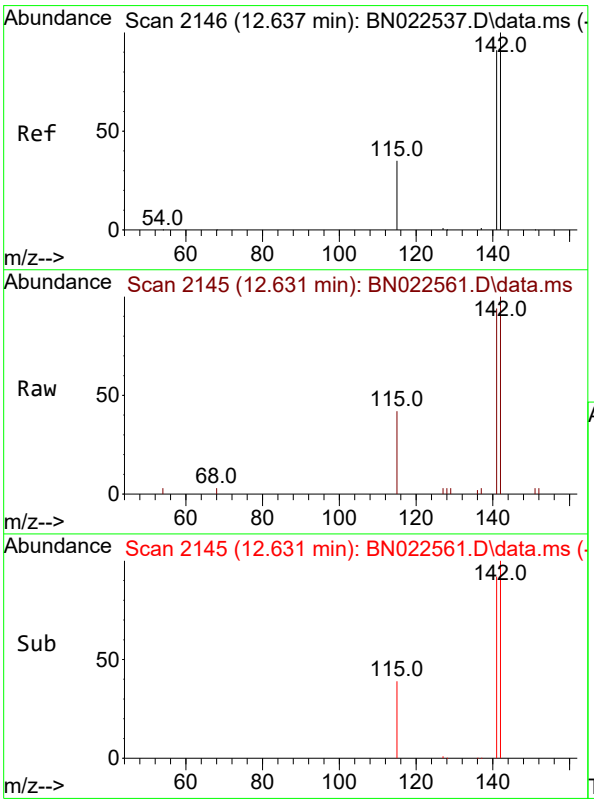
#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.411 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3132

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7

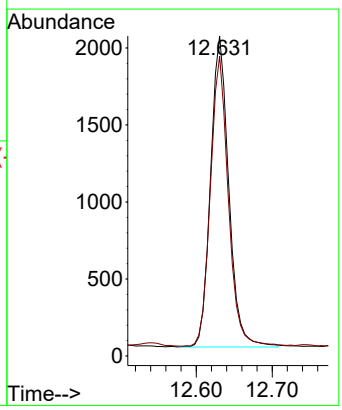


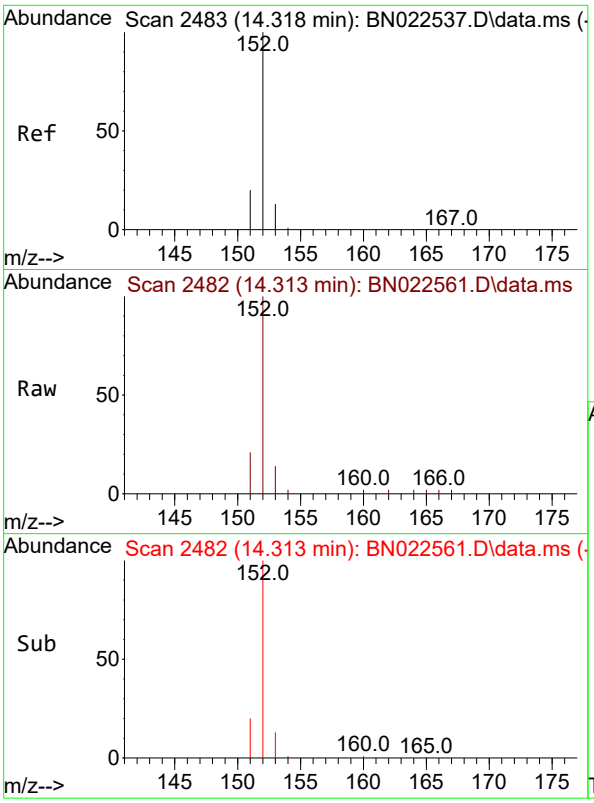


#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:142 Resp: 3357

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9



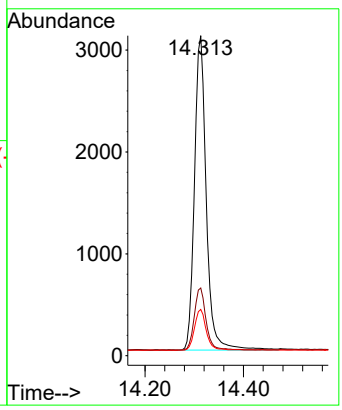


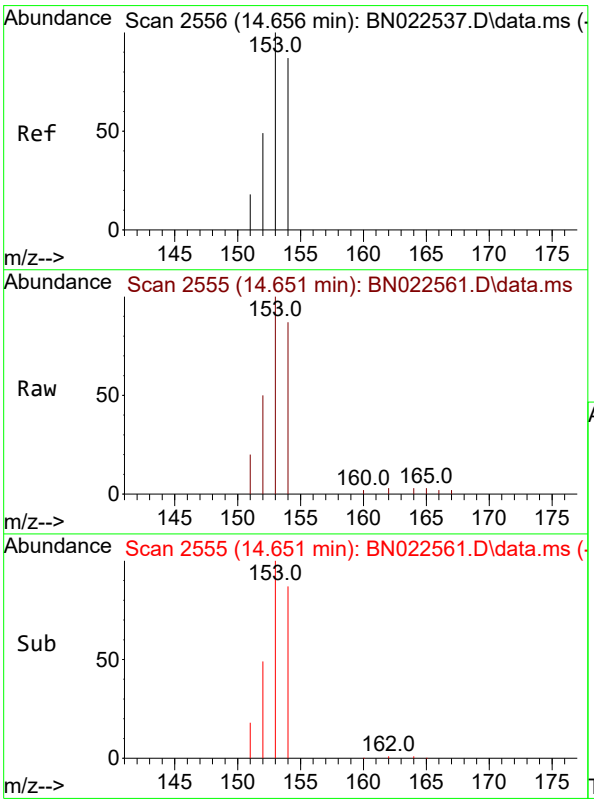
#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.313 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5137

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.9	23.9
153	14.4	10.8	16.2

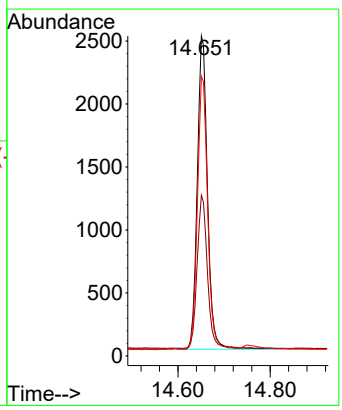


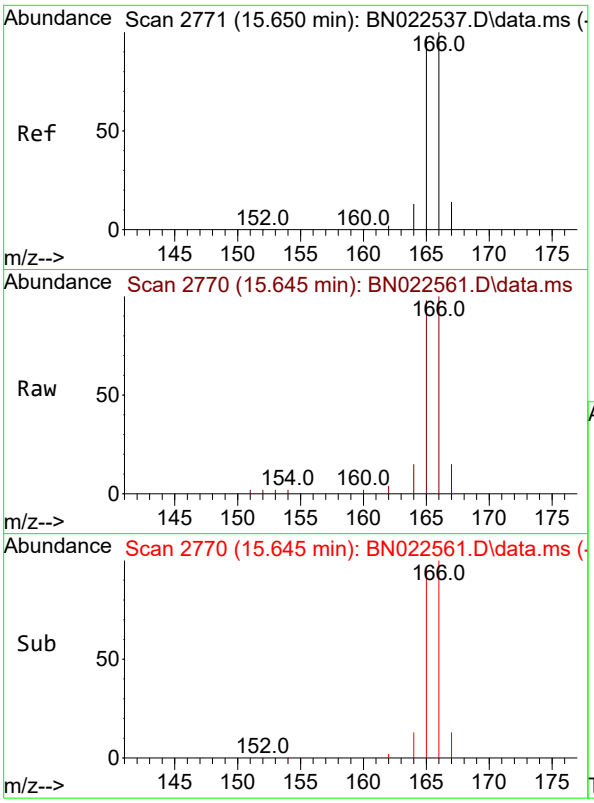


#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.010 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:153 Resp: 3813

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.6	61.0
154	87.4	70.6	106.0



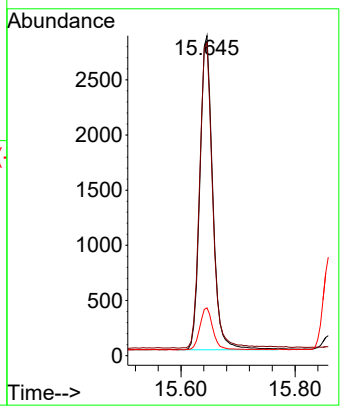


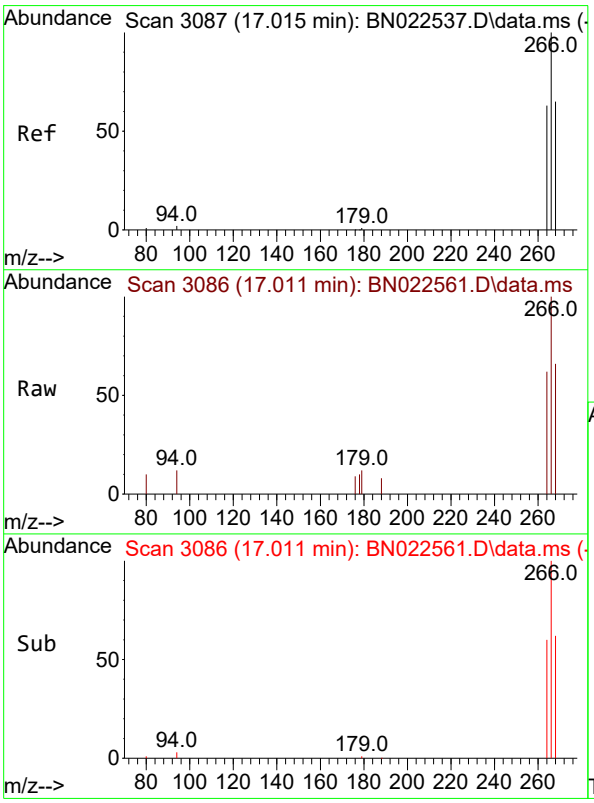
#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.645 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 4448

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	15.0	11.0	16.4

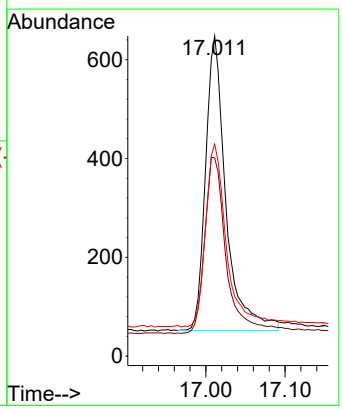


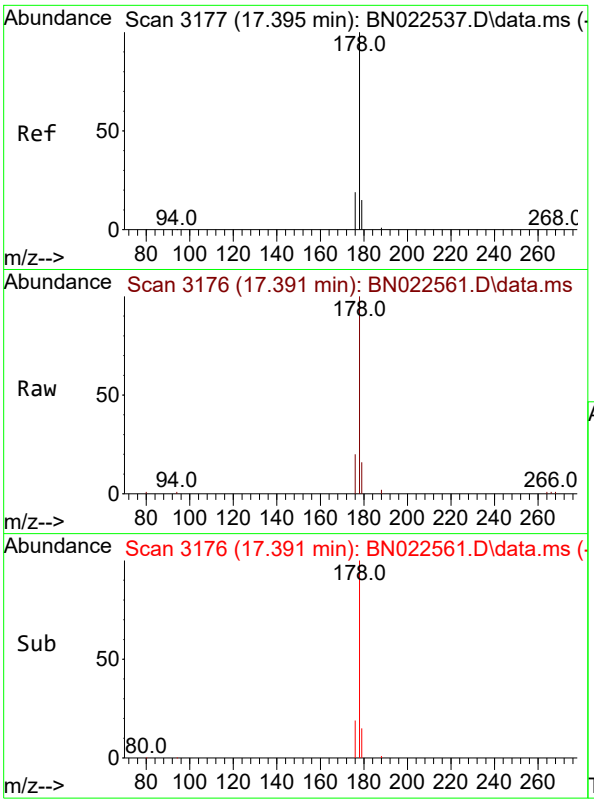


#14
Pentachlorophenol
Concen: 0.620 ng/ul
RT: 17.011 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:266 Resp: 1063

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.6
268	64.4	51.4	77.2



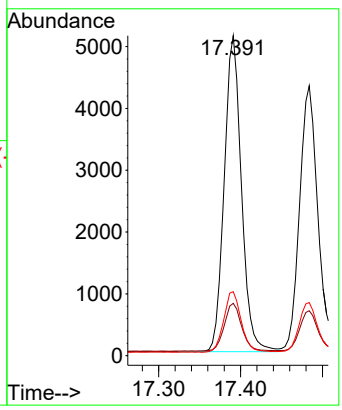


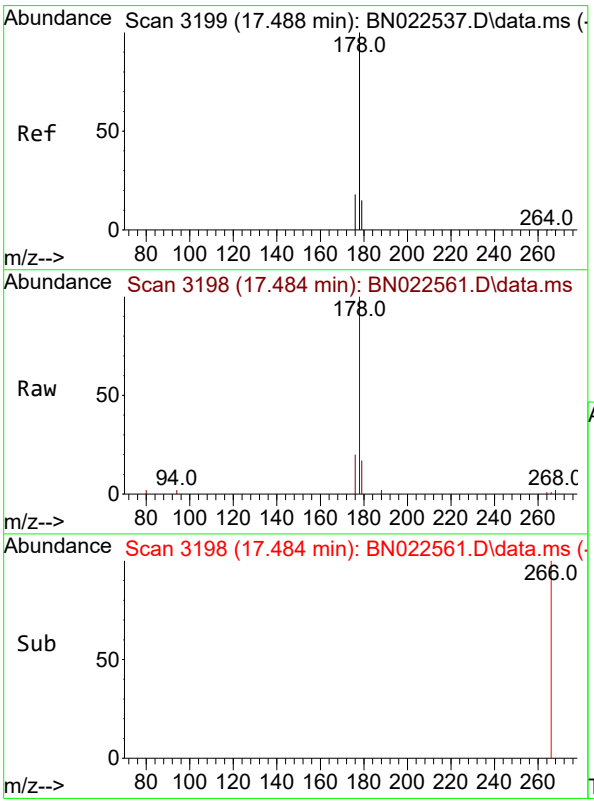
#15
Phenanthrene
Concen: 0.308 ng/ul
RT: 17.391 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7452

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	20.0	15.4	23.2

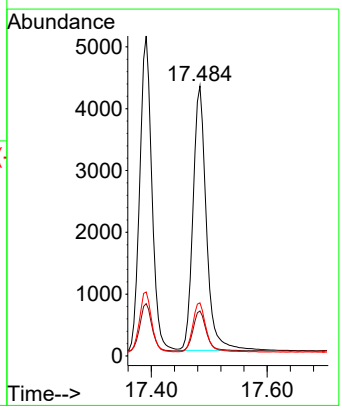


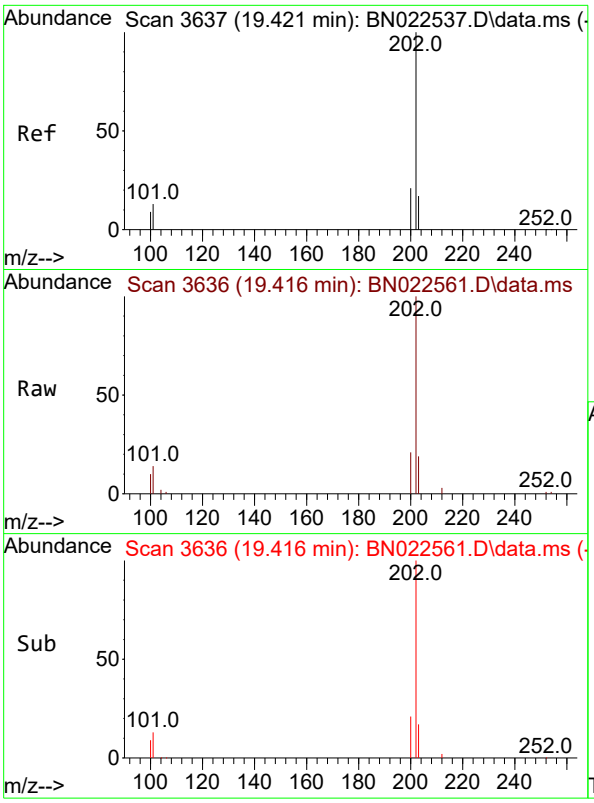


#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.484 min Scan# 3198
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:178 Resp: 6823

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	19.7	15.0	22.6



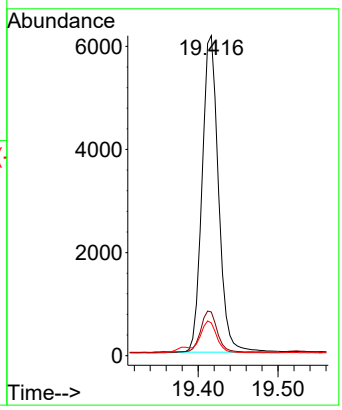


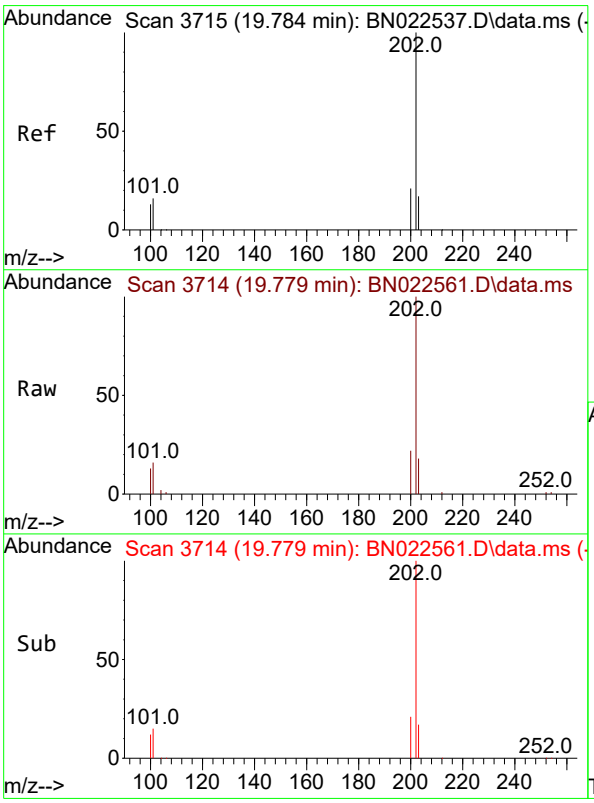
#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.416 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 8739

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.8	17.6
100	10.2	8.7	13.1

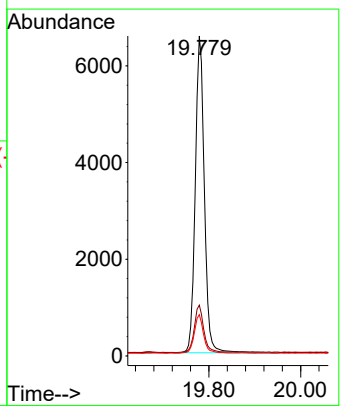


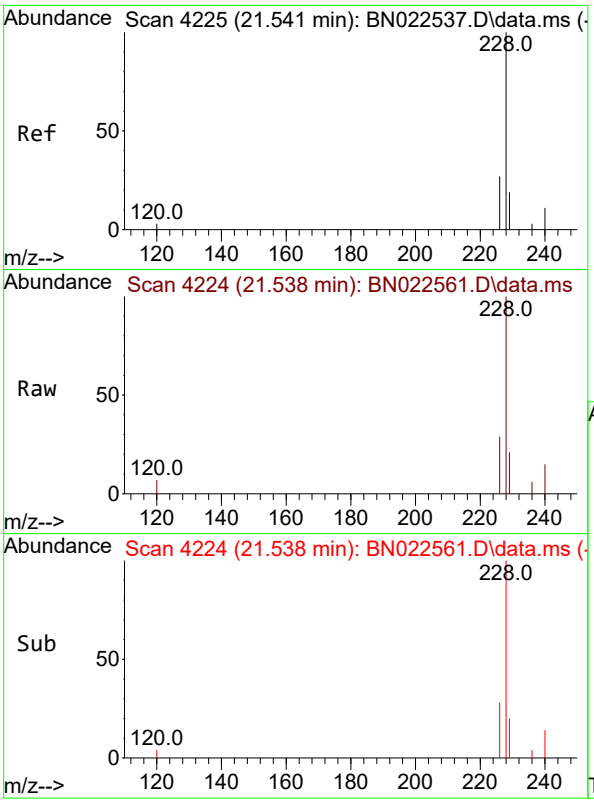


#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.779 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:202 Resp: 8998

Ion	Ratio	Lower	Upper
202	100		
101	15.9	13.1	19.7
100	12.9	10.6	16.0



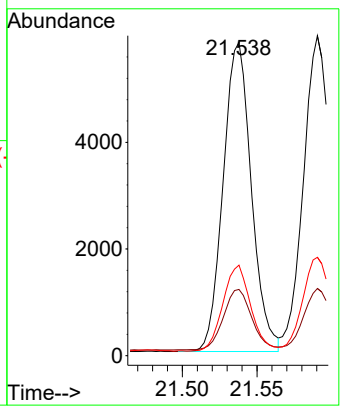


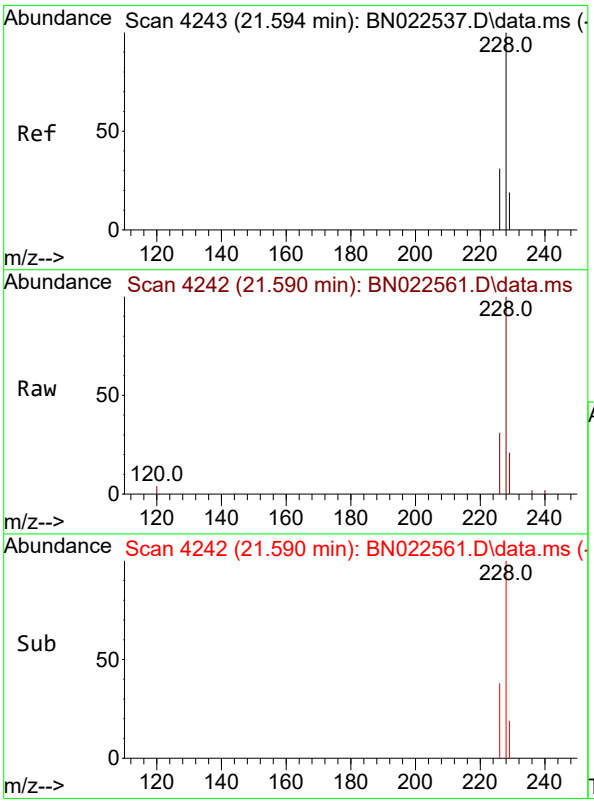
#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.538 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7624

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.9	21.5	32.3

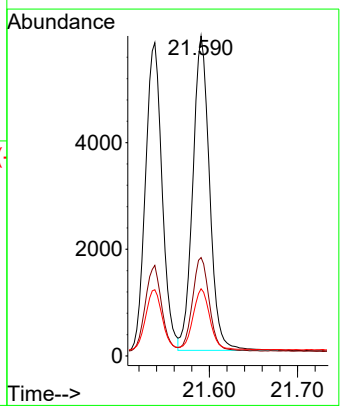


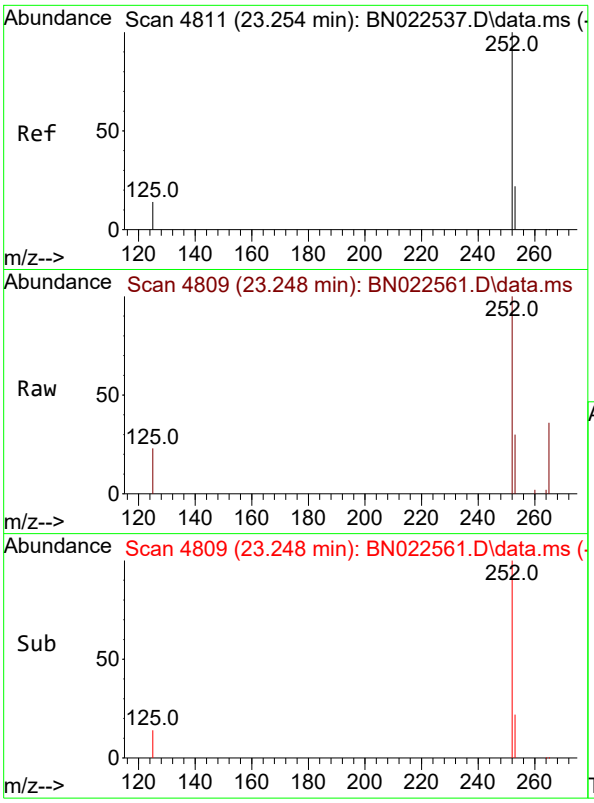


#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.590 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:228 Resp: 7814

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	21.0	15.9	23.9



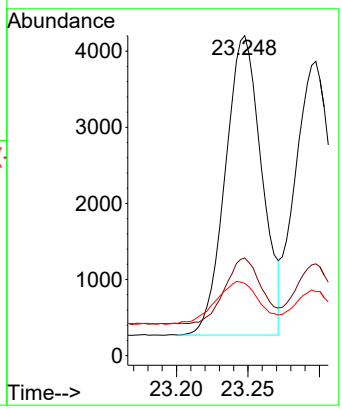


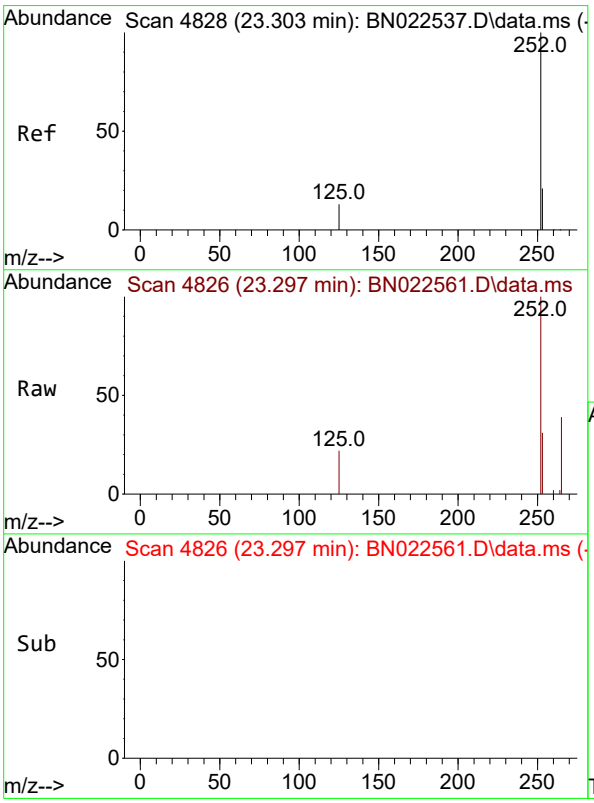
#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul
RT: 23.248 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6979

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	49.0
125	22.6	0.0	35.2

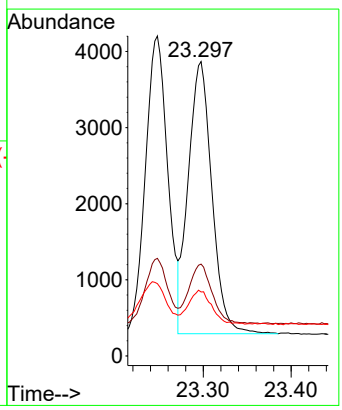


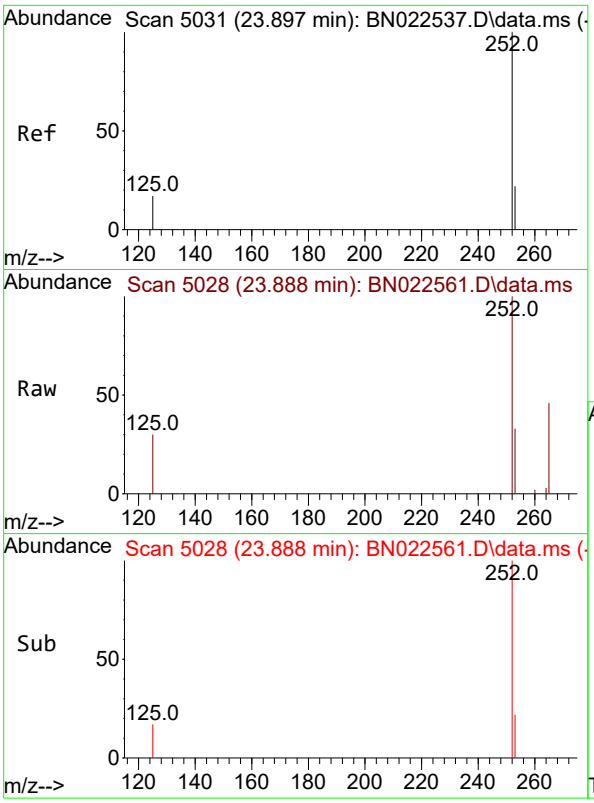


#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul
RT: 23.297 min Scan# 4826
Delta R.T. -0.003 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:252 Resp: 6670

Ion	Ratio	Lower	Upper
252	100		
253	31.2	19.7	29.5#
125	21.8	14.0	21.0#



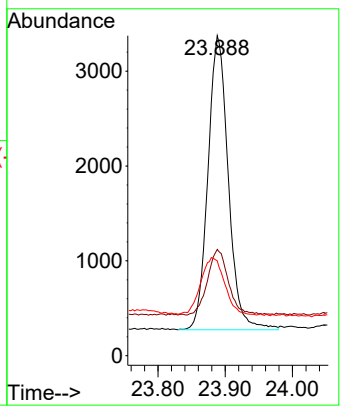


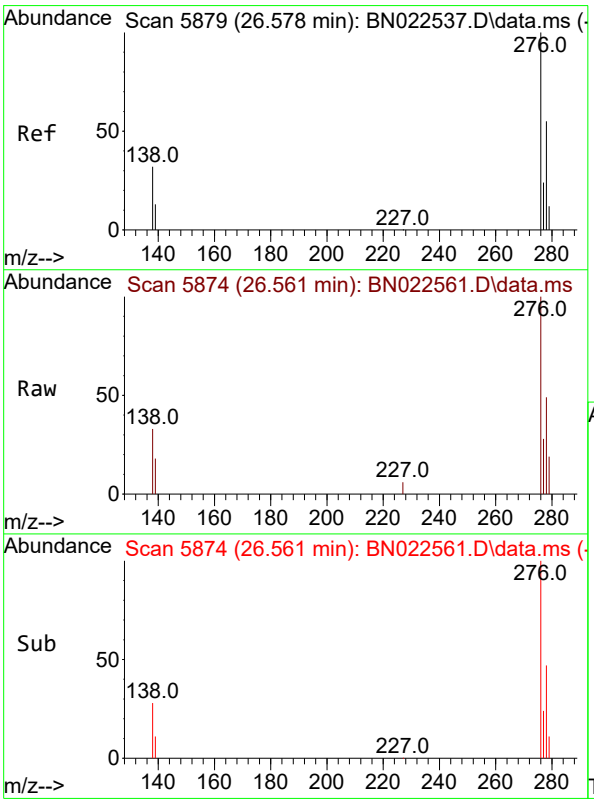
#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.888 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6511

Ion	Ratio	Lower	Upper
252	100		
253	33.2	21.0	31.6#
125	29.6	17.9	26.9#

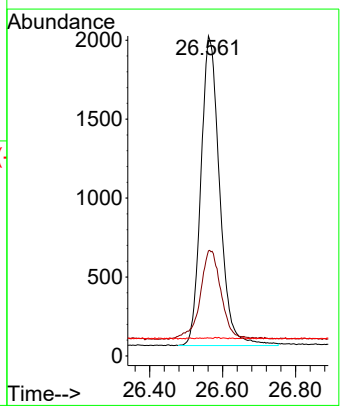


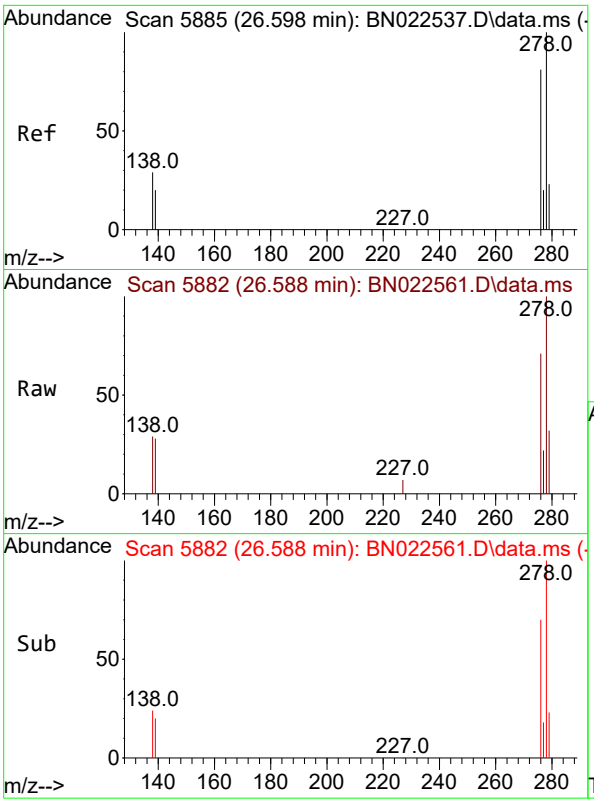


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.561 min Scan# 5874
Delta R.T. -0.010 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:276 Resp: 6985

Ion	Ratio	Lower	Upper
276	100		
138	32.3	27.7	41.5
227	0.1	0.2	0.2#



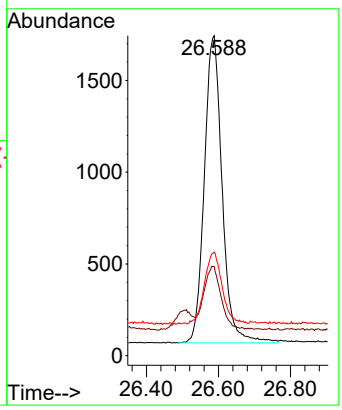


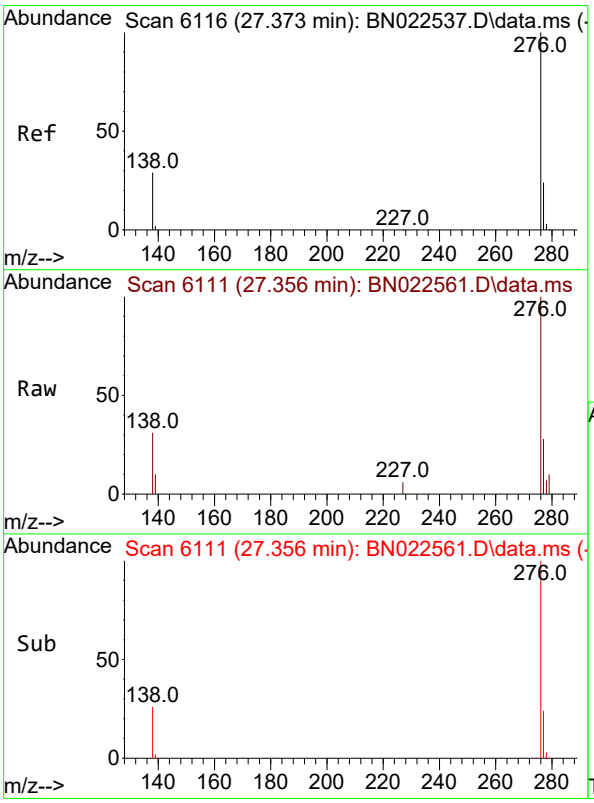
#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.588 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 5745

Ion	Ratio	Lower	Upper
278	100		
139	27.9	19.6	29.4
279	32.3	20.6	30.8#





#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.356 min Scan# 6111
Delta R.T. -0.004 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:276 Resp: 5907

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.2	37.8
277	28.1	19.9	29.9