Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034814.D
Acq On : 01 Nov 2024 20:48
Operator : RC/JU
Sample : P4534-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Quant Time: Nov 03 23:27:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	6585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	19887	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.231	164	10540	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	21537	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	15205	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	12245	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2281	0.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	10336	0.414	ng/ul	-0.01
18) Fluoranthene-d10	19.009	212	25777	0.521	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	6491	0.868	ng/ul#	89
5) Naphthalene	10.410	128	21267	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	13401	0.391	ng/ul	99
8) 1-Methylnaphthalene	12.253	142	13761	0.395	ng/ul	100
10) Acenaphthylene	13.944	152	20401	0.425	ng/ul	100
11) Acenaphthene	14.291	153	15904	0.433	ng/ul	99
12) Fluorene	15.286	166	18291	0.447	ng/ul	99
14) Pentachlorophenol	16.629	266	4584	1.079	ng/ul	99
15) Phenanthrene	17.017	178	32179	0.494	ng/ul	100
16) Anthracene	17.106	178	27668	0.459	ng/ul	100
19) Fluoranthene	19.037	202	37357	0.506	ng/ul	98
20) Pyrene	19.400	202	39310	0.512	ng/ul	97
21) Benzo(a)anthracene	21.154	228	31840	0.523	ng/ul	100
22) Chrysene	21.204	228	33062	0.543	ng/ul	99
24) Benzo(b)fluoranthene	22.700	252	28930	0.580	ng/ul	99
25) Benzo(k)fluoranthene	22.744	252	28875	0.574	ng/ul	98
26) Benzo(a)pyrene	23.258	252	22073	0.514	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.524	276	24742	0.542	ng/ul	99
28) Dibenzo(a,h)anthracene	25.544	278	19169	0.555	ng/ul	99
29) Benzo(g,h,i)perylene	26.184	276	19483	0.543	ng/ul	99

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

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Misc :
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Instrument :
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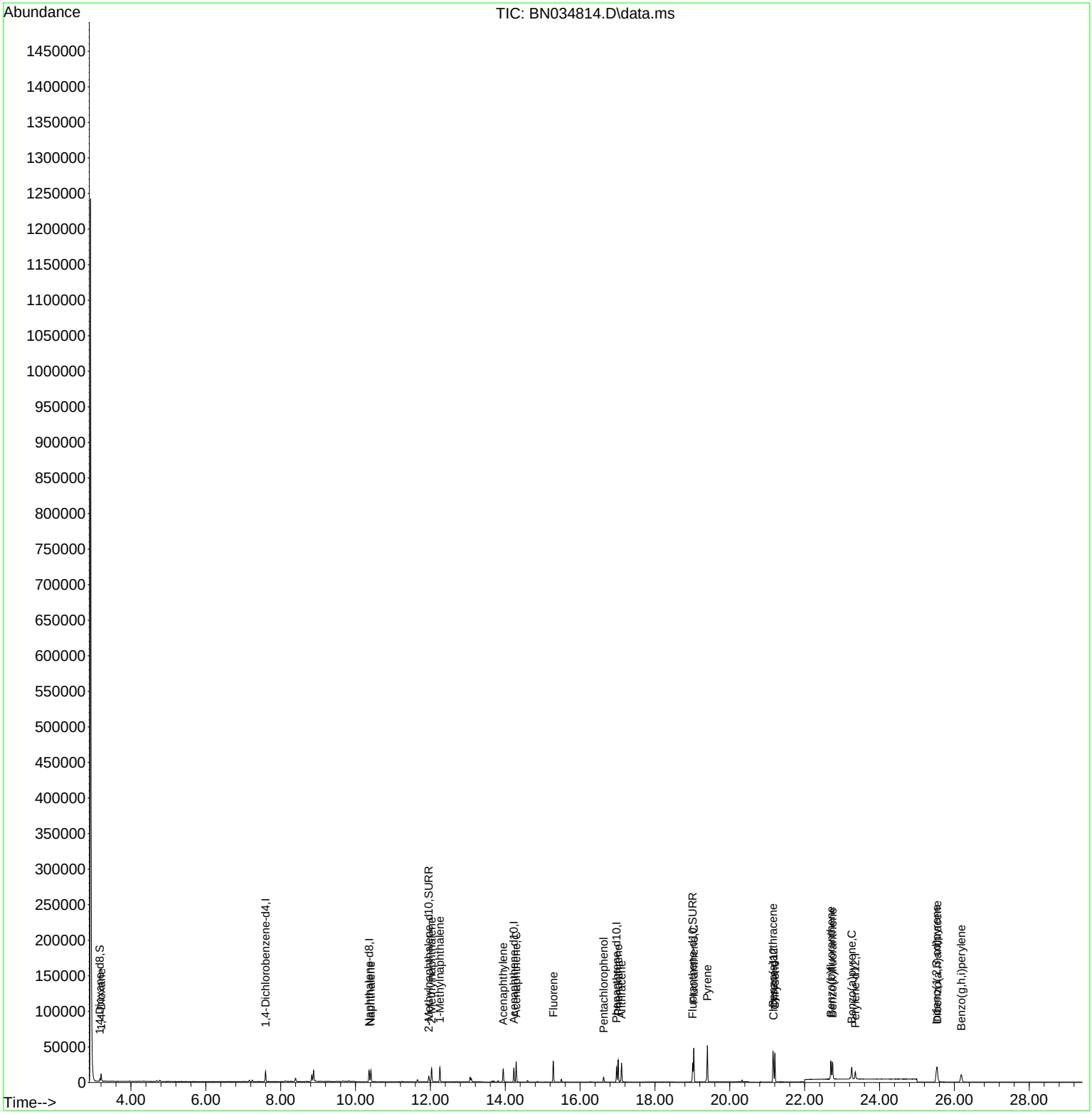
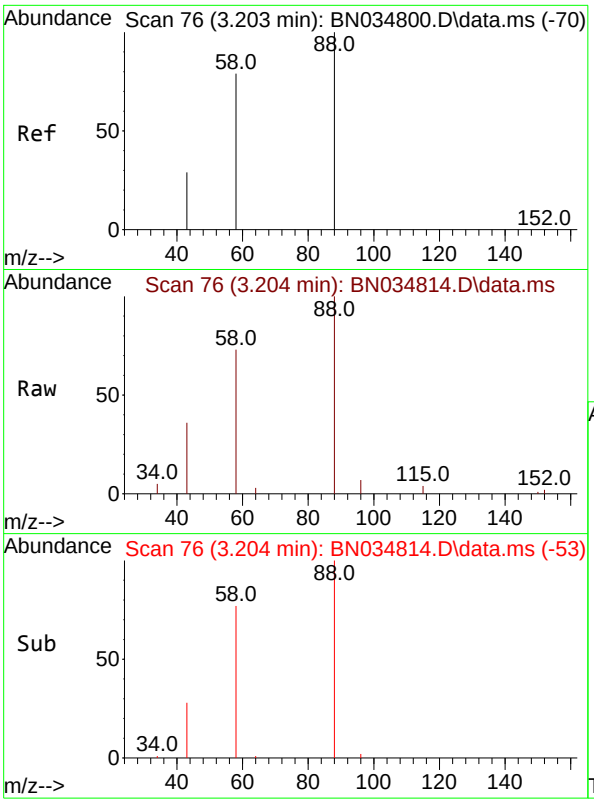
Quant Time: Nov 03 23:27:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration



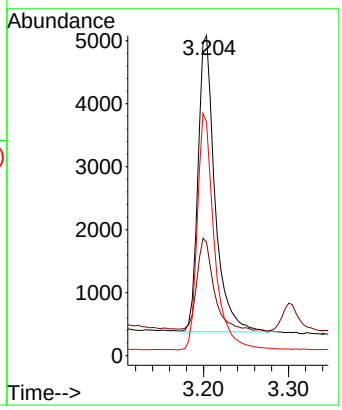


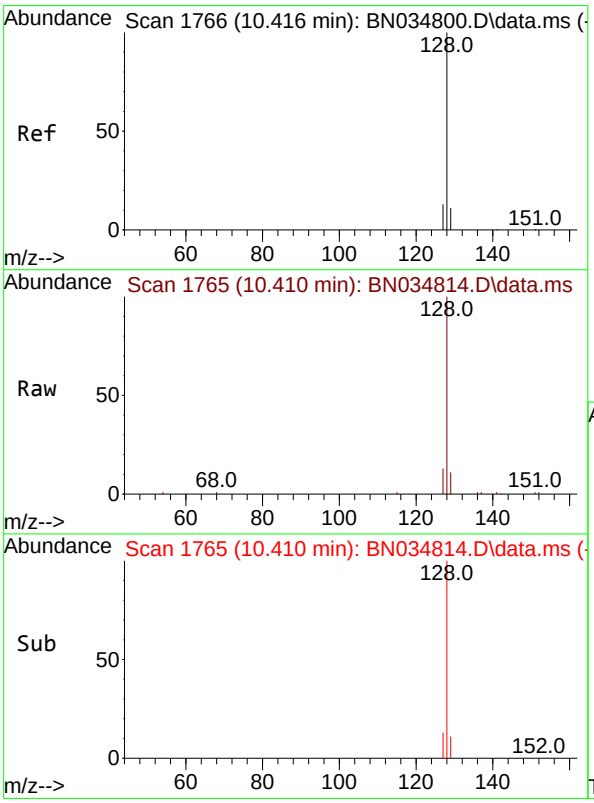
#2
1,4-Dioxane
Concen: 0.868 ng/ul
RT: 3.204 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion: 88 Resp: 6491

Ion	Ratio	Lower	Upper
88	100		
43	35.5	41.9	62.9#
58	73.1	57.5	86.3

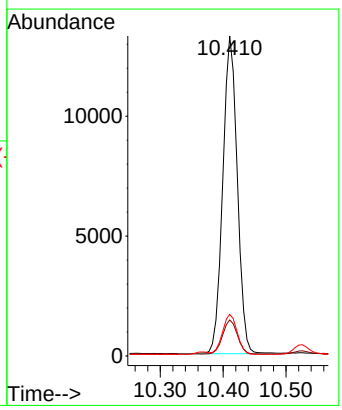


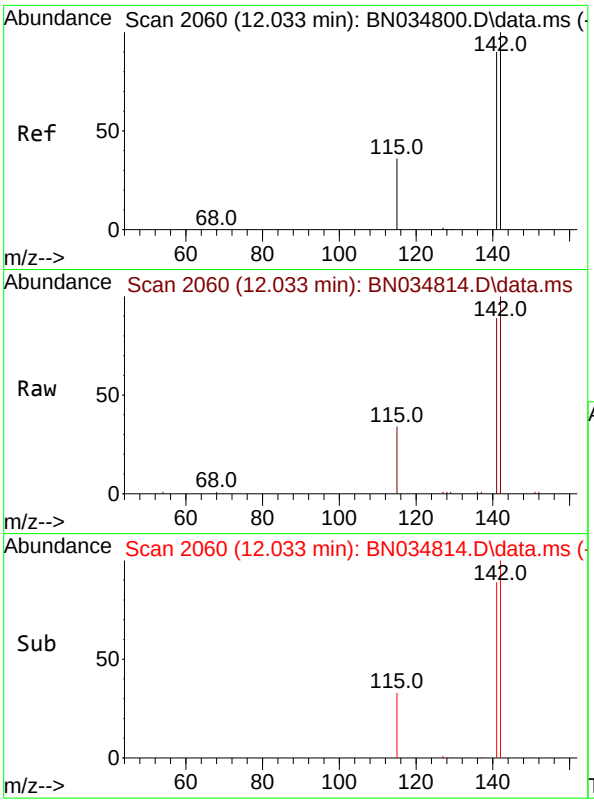


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:128 Resp: 21267

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.0	10.5	15.7



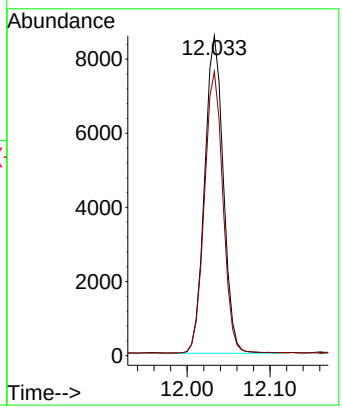


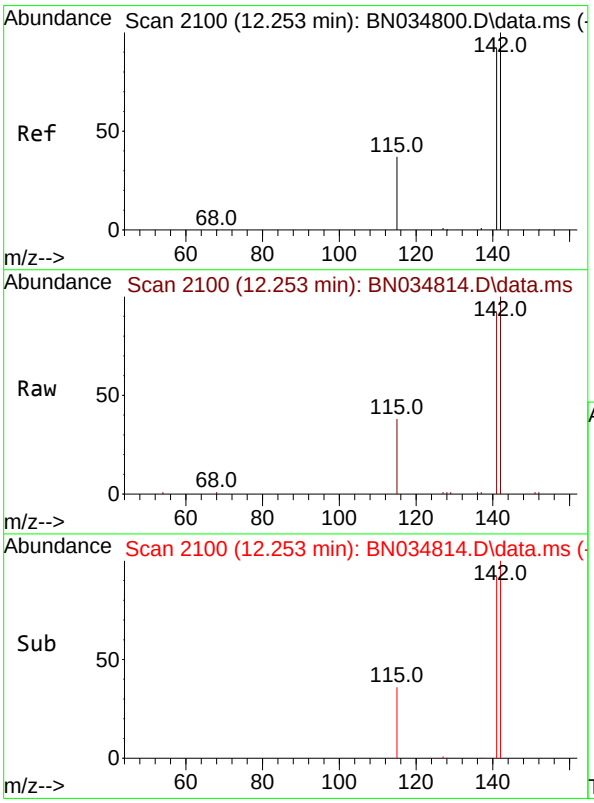
#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.033 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:142 Resp: 13401

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.1	106.7

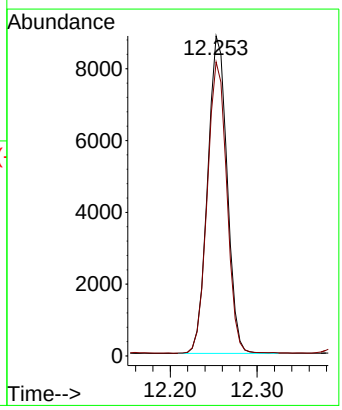


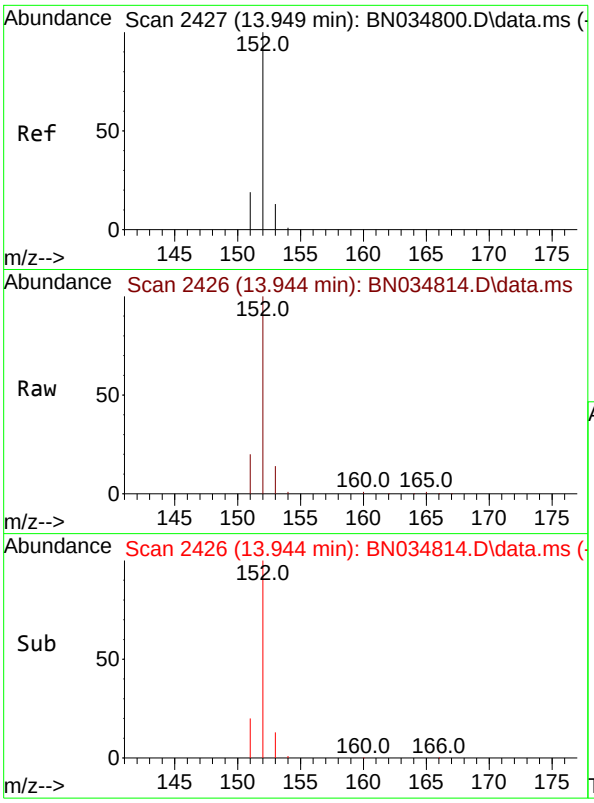


#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:142 Resp: 13761

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4



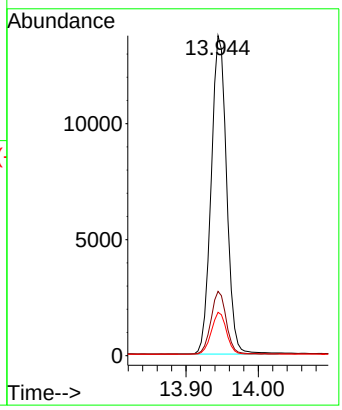


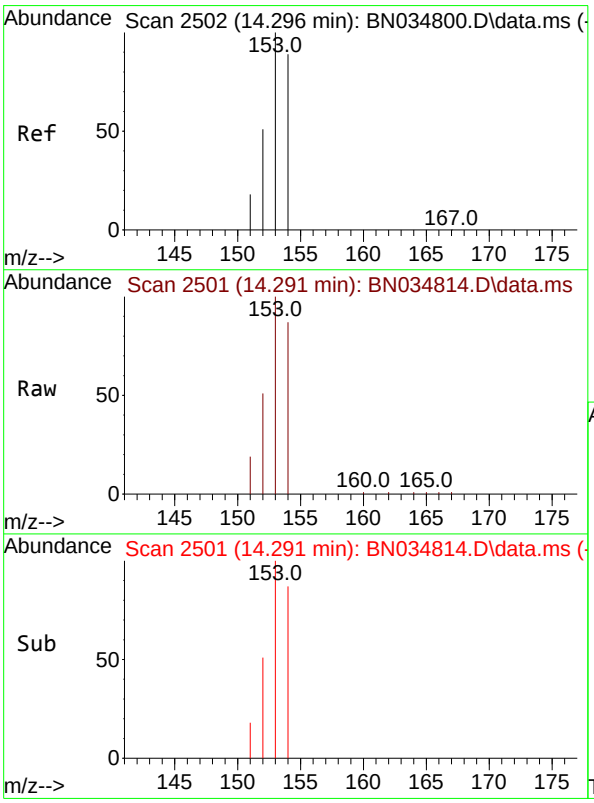
#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 13.944 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:152 Resp: 20401

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.6	10.7	16.1

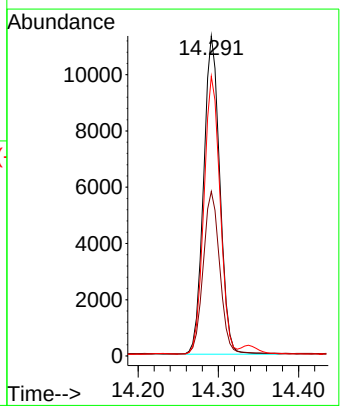


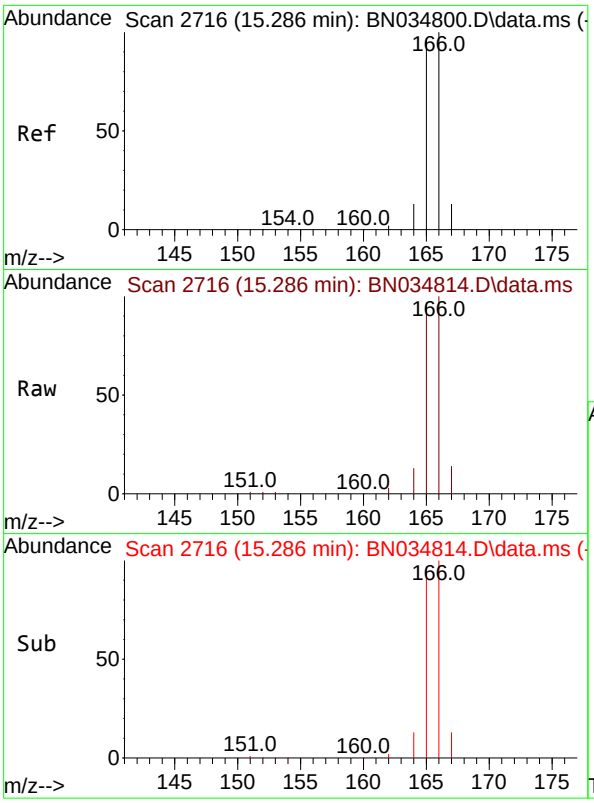


#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:153 Resp: 15904

Ion	Ratio	Lower	Upper
153	100		
152	51.4	40.3	60.5
154	87.4	69.9	104.9



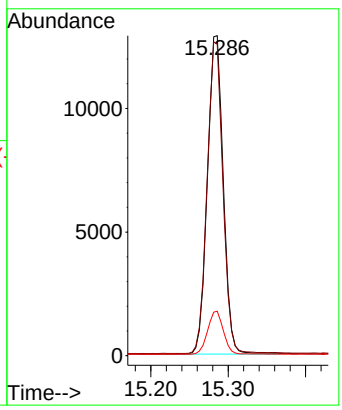


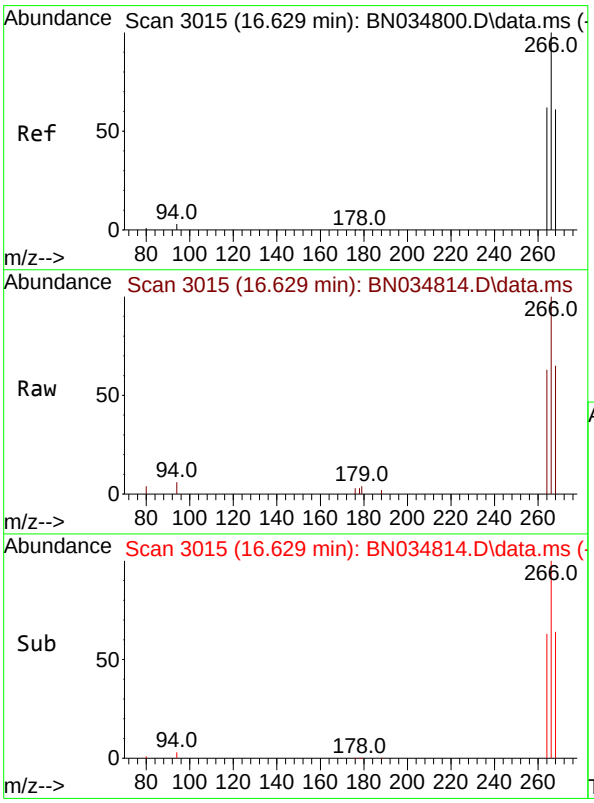
#12
Fluorene
Concen: 0.447 ng/ul
RT: 15.286 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:166 Resp: 18291

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.1	118.7
167	13.9	11.0	16.4

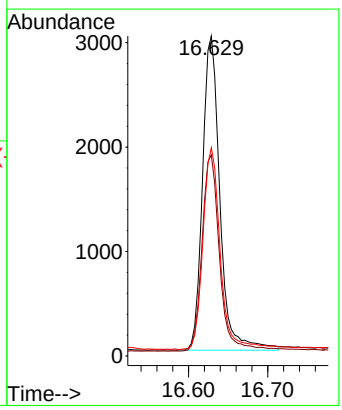


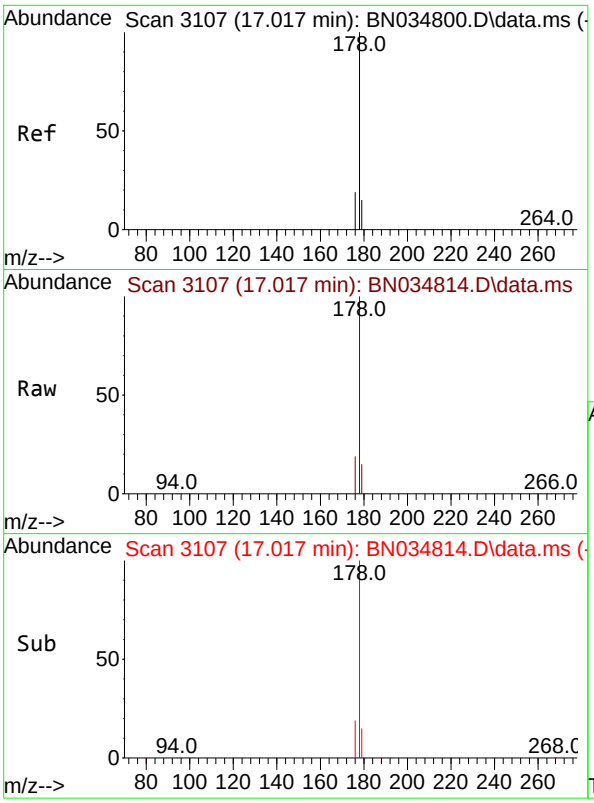


#14
Pentachlorophenol
Concen: 1.079 ng/ul
RT: 16.629 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:266 Resp: 4584

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.1	75.1
268	64.4	52.0	78.0



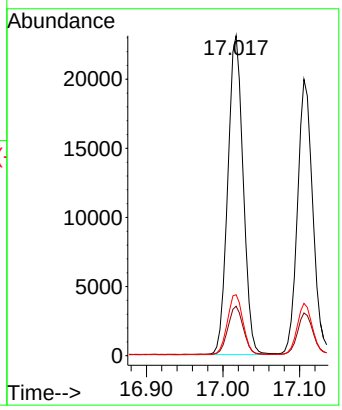


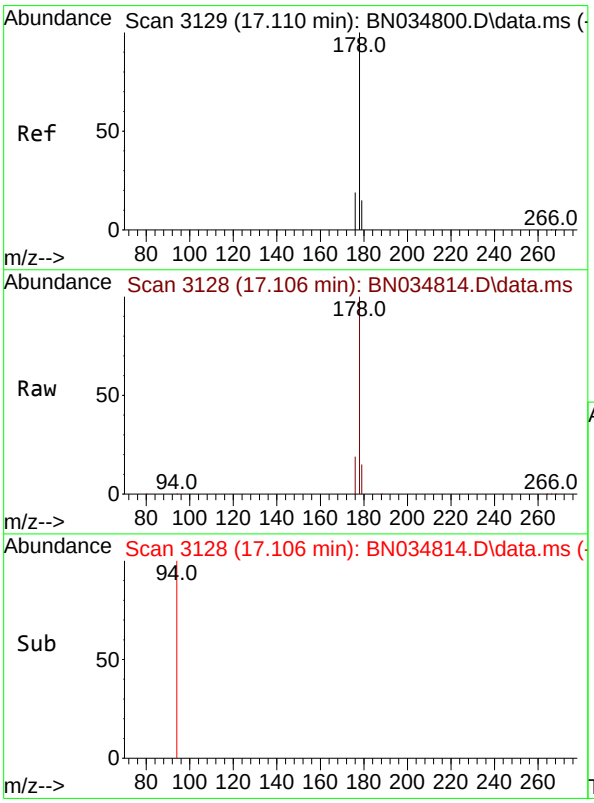
#15
Phenanthrene
Concen: 0.494 ng/ul
RT: 17.017 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:178 Resp: 32179

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.1	15.4	23.0

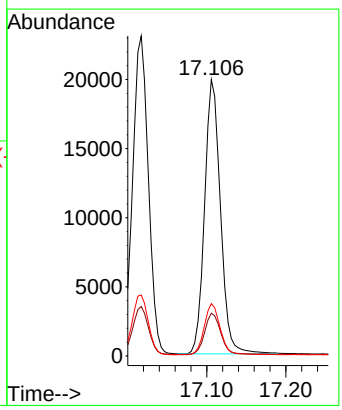


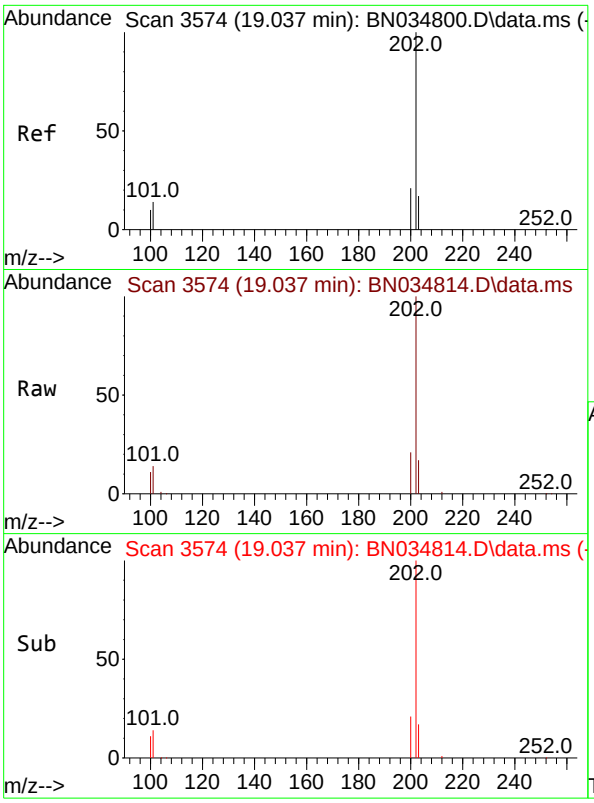


#16
Anthracene
Concen: 0.459 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:178 Resp: 27668

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.9	15.1	22.7



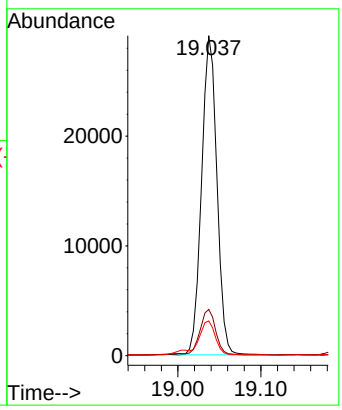


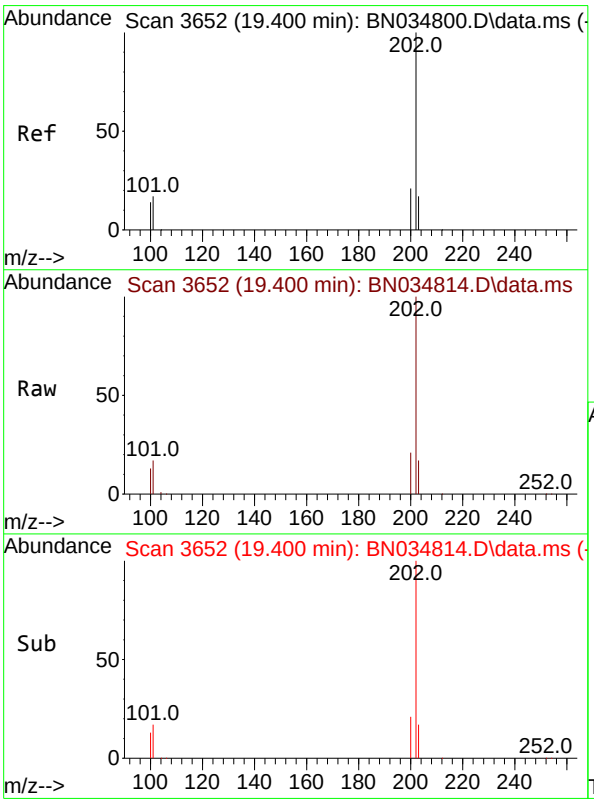
#19
Fluoranthene
Concen: 0.506 ng/ul
RT: 19.037 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:202 Resp: 37357

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.8	16.2
100	10.8	8.2	12.2

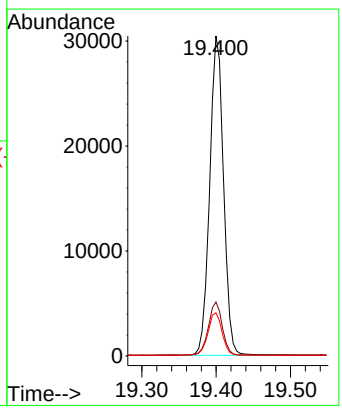


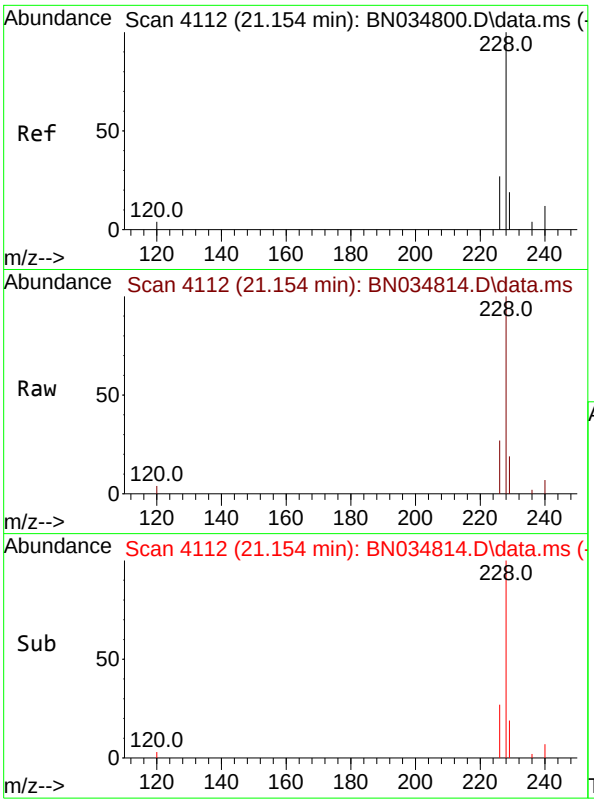


#20
Pyrene
Concen: 0.512 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:202 Resp: 39310

Ion	Ratio	Lower	Upper
202	100		
101	16.9	12.4	18.6
100	13.5	10.0	15.0



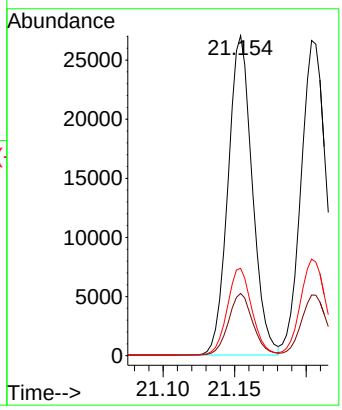


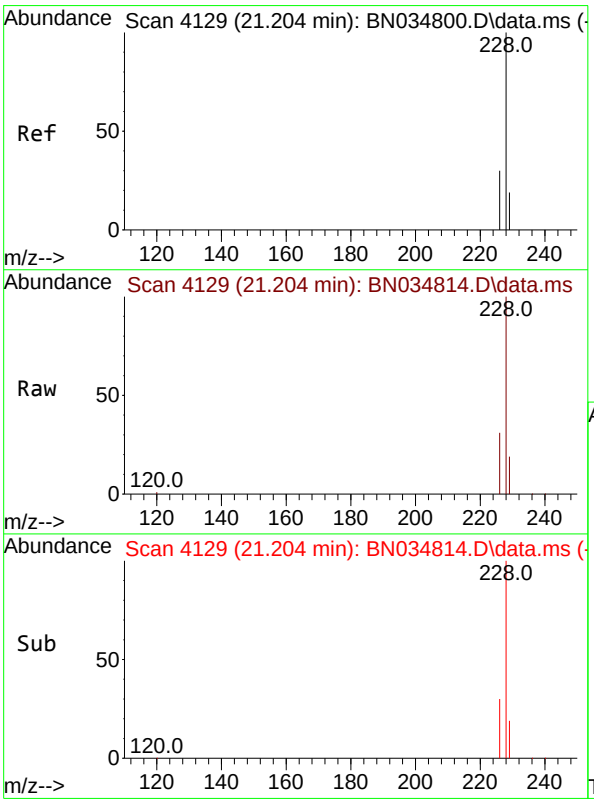
#21
Benzo(a)anthracene
Concen: 0.523 ng/ul
RT: 21.154 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:228 Resp: 31840

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.3	22.1	33.1

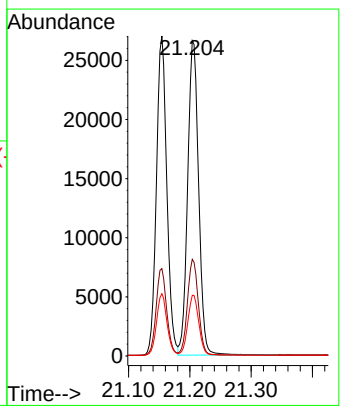


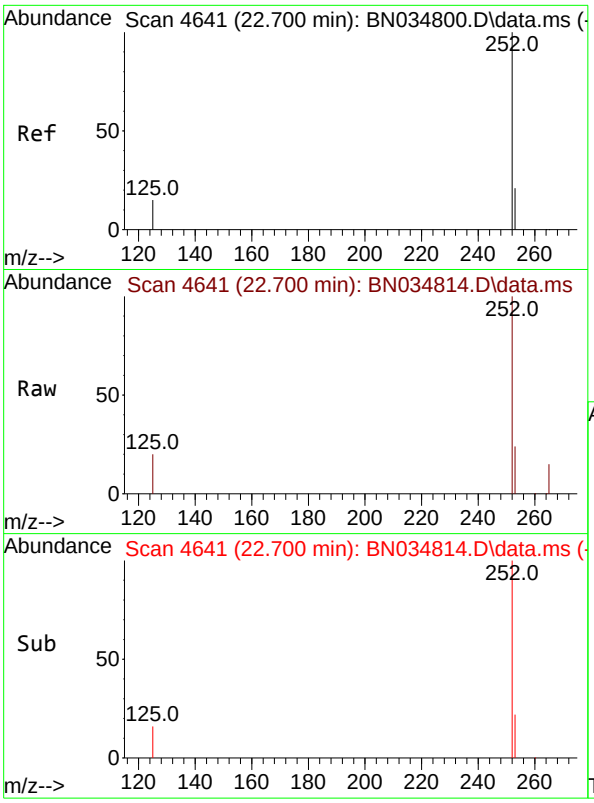


#22
Chrysene
Concen: 0.543 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:228 Resp: 33062

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	19.2	15.6	23.4



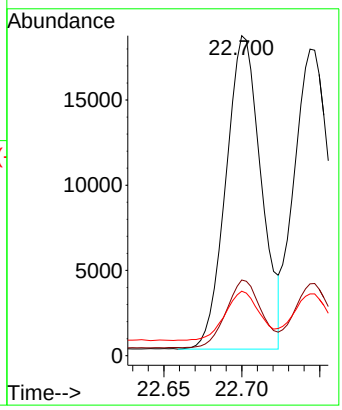


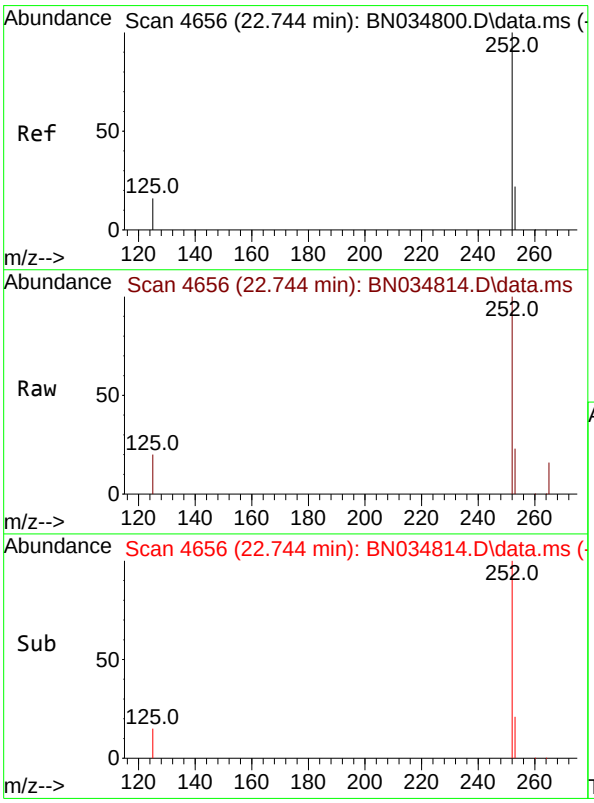
#24
Benzo(b)fluoranthene
Concen: 0.580 ng/ul
RT: 22.700 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:252 Resp: 28930

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	47.6
125	20.2	0.0	41.4

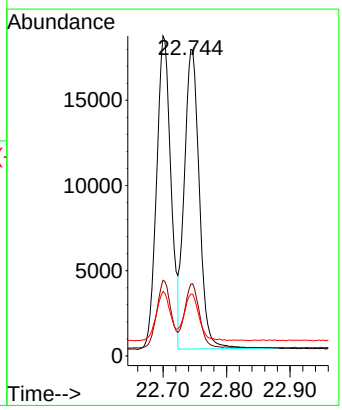


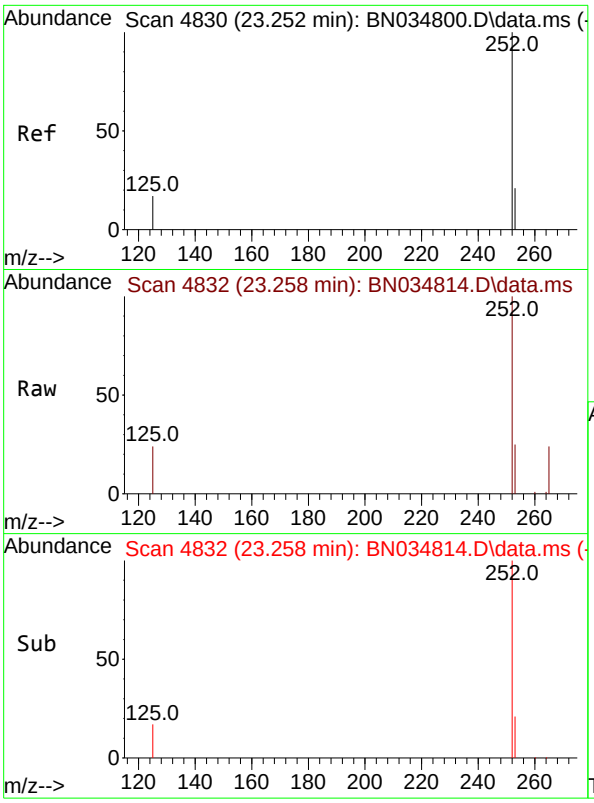


#25
Benzo(k)fluoranthene
Concen: 0.574 ng/ul
RT: 22.744 min Scan# 4656
Delta R.T. -0.006 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:252 Resp: 28875

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	20.2	17.0	25.4



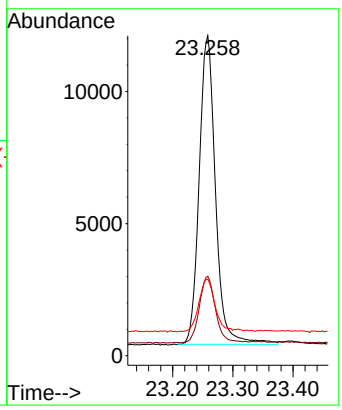


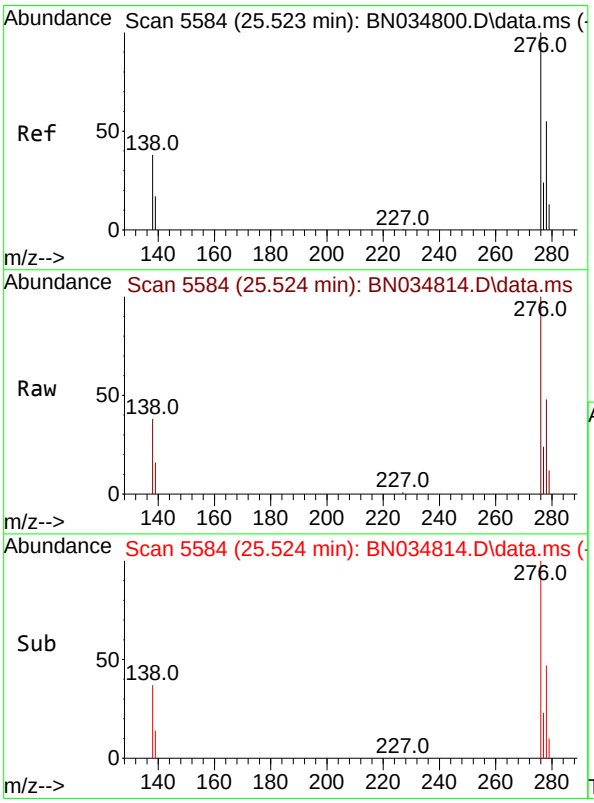
#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.258 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:252 Resp: 22073

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.0	30.0
125	23.9	19.8	29.6

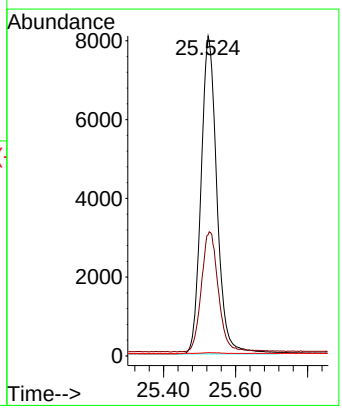


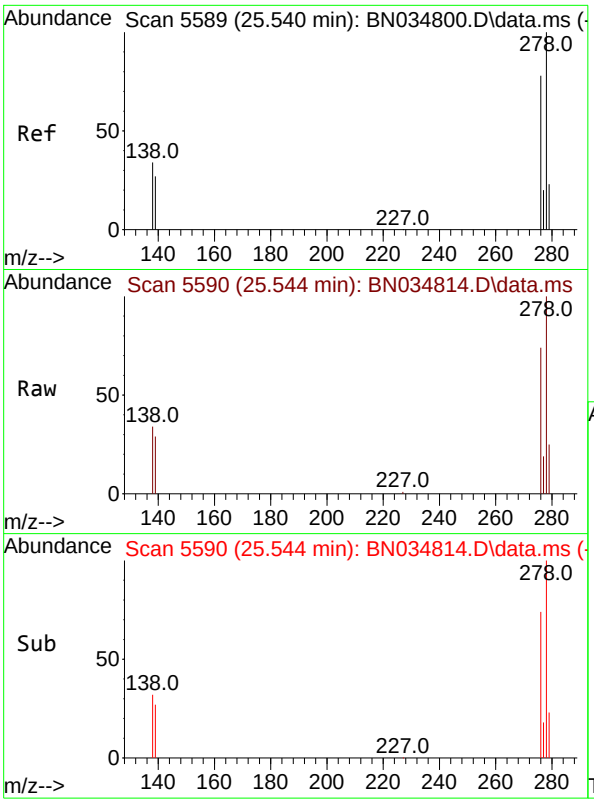


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.542 ng/ul
RT: 25.524 min Scan# 5584
Delta R.T. -0.013 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:276 Resp: 24742

Ion	Ratio	Lower	Upper
276	100		
138	40.3	31.8	47.6
227	0.3	0.2	0.4



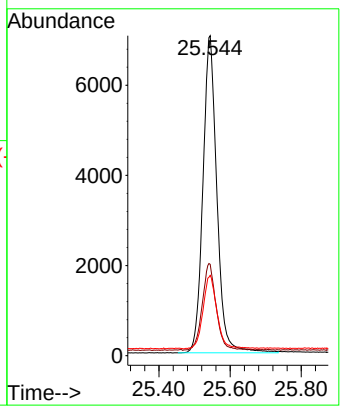


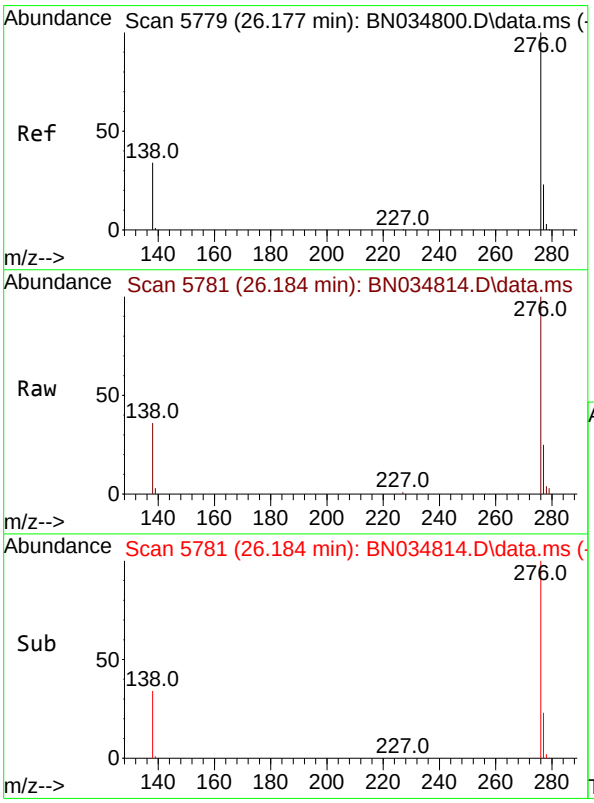
#28
Dibenzo(a,h)anthracene
Concen: 0.555 ng/ul
RT: 25.544 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD

Tgt Ion:278 Resp: 19169

Ion	Ratio	Lower	Upper
278	100		
139	28.6	23.4	35.2
279	25.1	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.543 ng/ul
RT: 26.184 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:276 Resp: 19483

Ion	Ratio	Lower	Upper
276	100		
138	35.7	28.8	43.2
277	24.7	20.2	30.2