Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035262.D
Acq On : 23 Nov 2024 03:59
Operator : RC/JU
Sample : P4872-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Quant Time: Nov 23 04:36:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4184	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	10190	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.977	164	5656	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	10803	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	9532	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	10457	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	1191	0.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	3451	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	7121	0.271	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.010	88	3482	0.839	ng/ul#	85
5) Naphthalene	10.113	128	6468	0.252	ng/ul	99
7) 2-Methylnaphthalene	11.747	142	4252	0.239	ng/ul	98
8) 1-Methylnaphthalene	11.972	142	4254	0.237	ng/ul	98
10) Acenaphthylene	13.690	152	7032	0.313	ng/ul	100
11) Acenaphthene	14.041	153	4641	0.270	ng/ul	96
12) Fluorene	15.045	166	5206	0.258	ng/ul	99
14) Pentachlorophenol	16.405	266	1035	0.411	ng/ul	99
15) Phenanthrene	16.789	178	10580	0.370	ng/ul	100
16) Anthracene	16.878	178	8001	0.302	ng/ul	99
19) Fluoranthene	18.828	202	18041	0.544	ng/ul#	94
20) Pyrene	19.195	202	16872	0.489	ng/ul#	91
21) Benzo(a)anthracene	20.973	228	13676	0.413	ng/ul	97
22) Chrysene	21.023	228	13748	0.413	ng/ul	100
24) Benzo(b)fluoranthene	22.472	252	15309	0.443	ng/ul	95
25) Benzo(k)fluoranthene	22.513	252	12378	0.347	ng/ul#	94
26) Benzo(a)pyrene	22.998	252	12585	0.398	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.138	276	14587	0.342	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.155	278	10259	0.307	ng/ul#	92
29) Benzo(g,h,i)perylene	25.758	276	12354	0.367	ng/ul#	92

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

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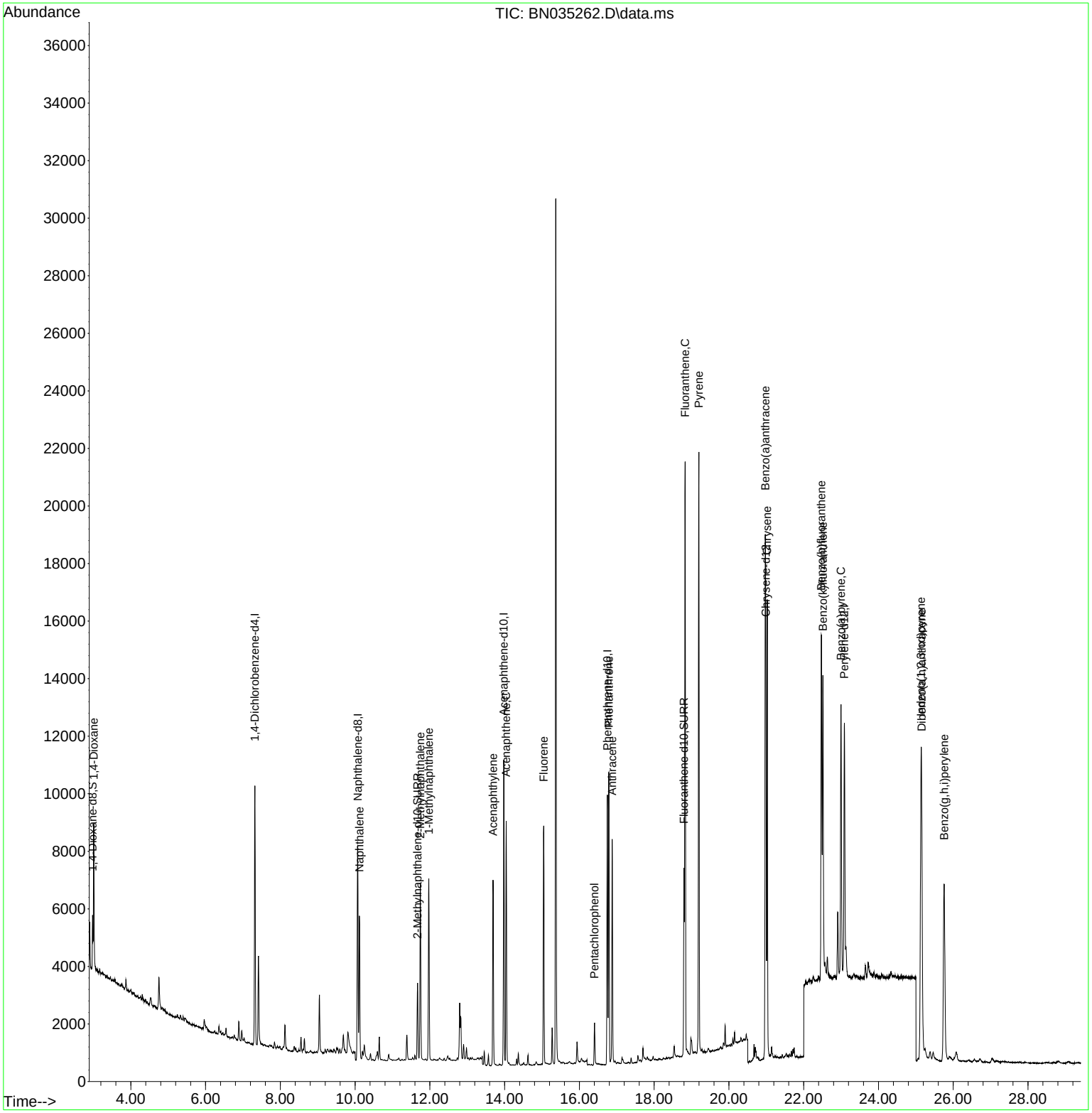
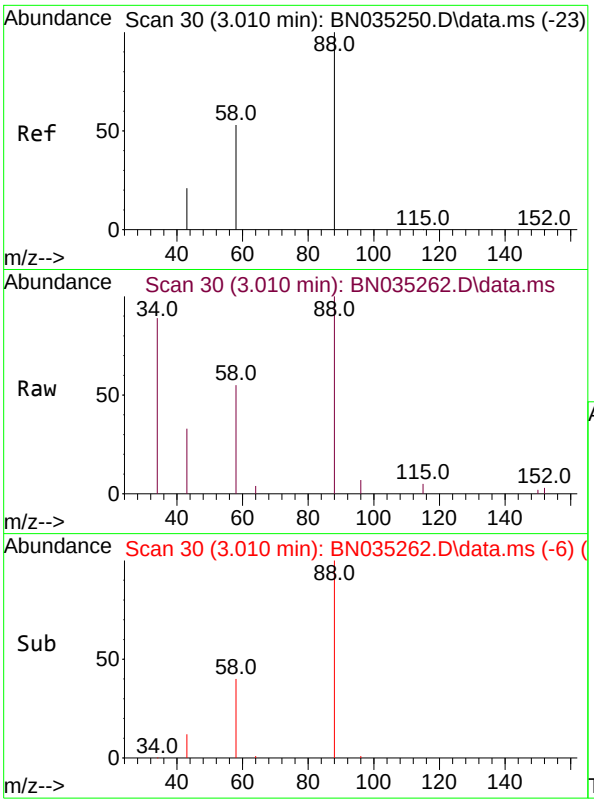


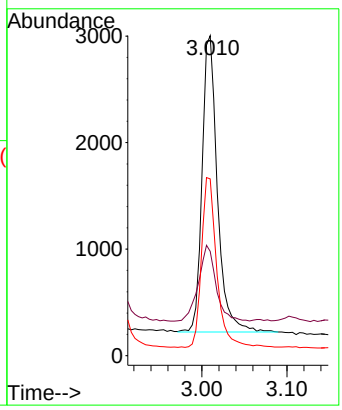


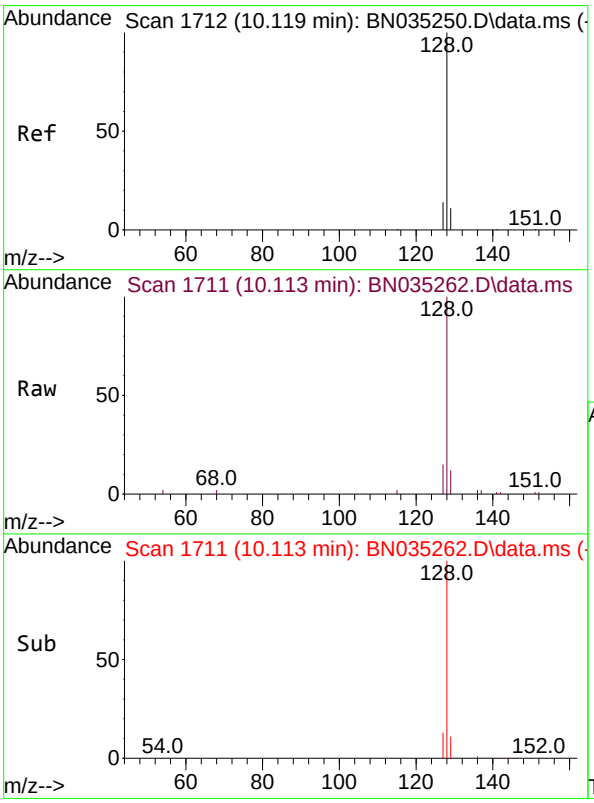
#2
1,4-Dioxane
Concen: 0.839 ng/ul
RT: 3.010 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion: 88 Resp: 3482

Ion	Ratio	Lower	Upper
88	100		
43	32.6	20.6	31.0#
58	55.3	36.2	54.4#

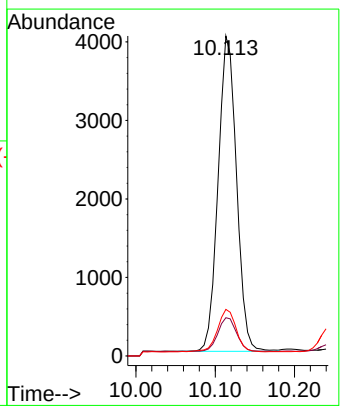


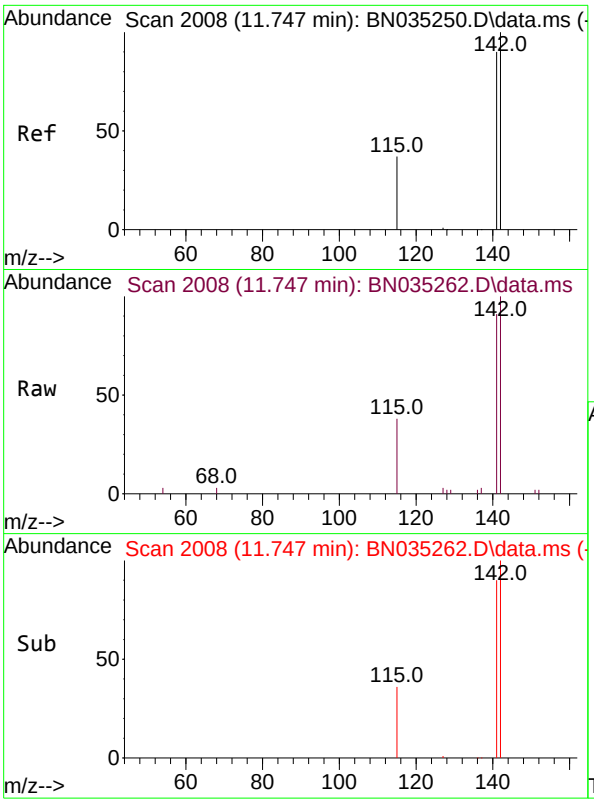


#5
Naphthalene
Concen: 0.252 ng/ul
RT: 10.113 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:128 Resp: 6468

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.9	14.9
127	14.5	11.4	17.2



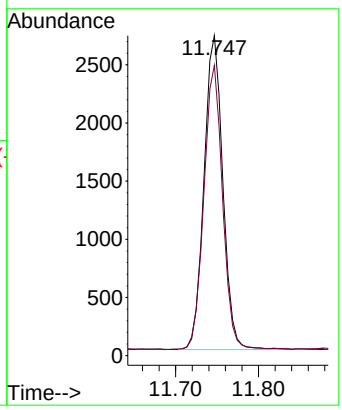


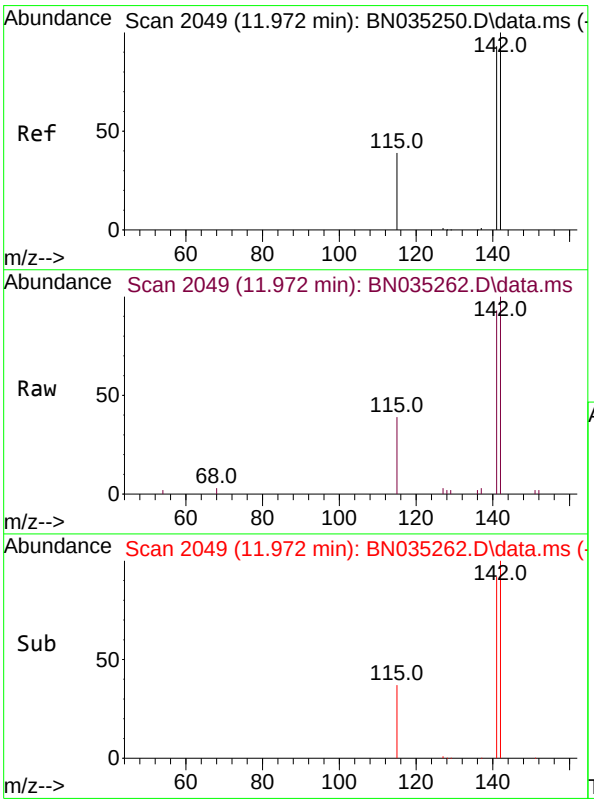
#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 11.747 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:142 Resp: 4252

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.4	105.6

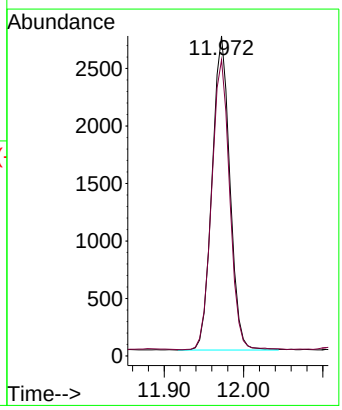


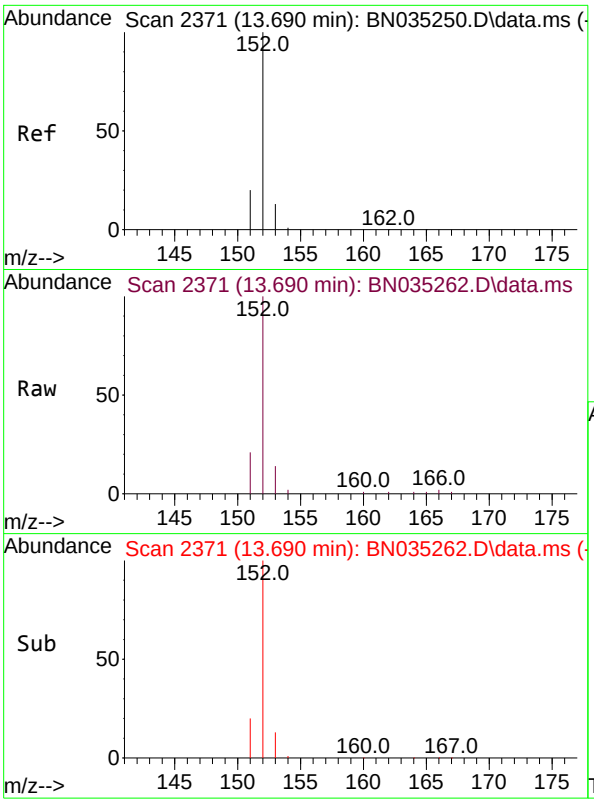


#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:142 Resp: 4254

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.1	109.7



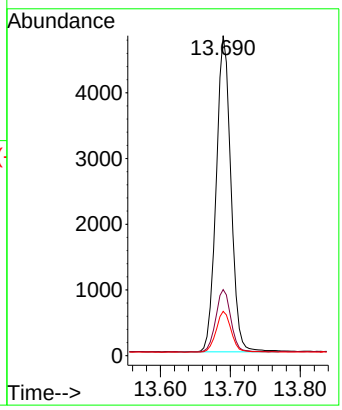


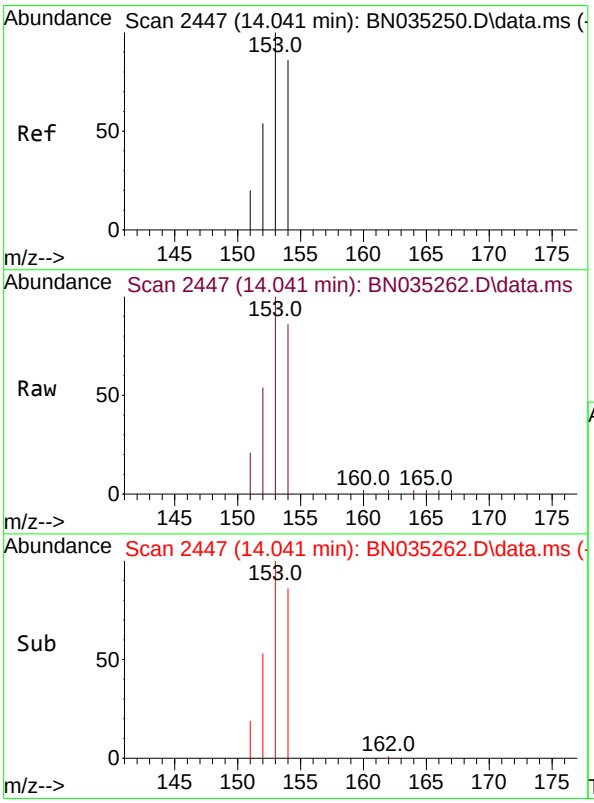
#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 13.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:152 Resp: 7032

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.9	11.1	16.7

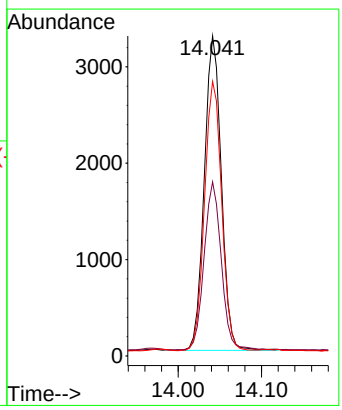


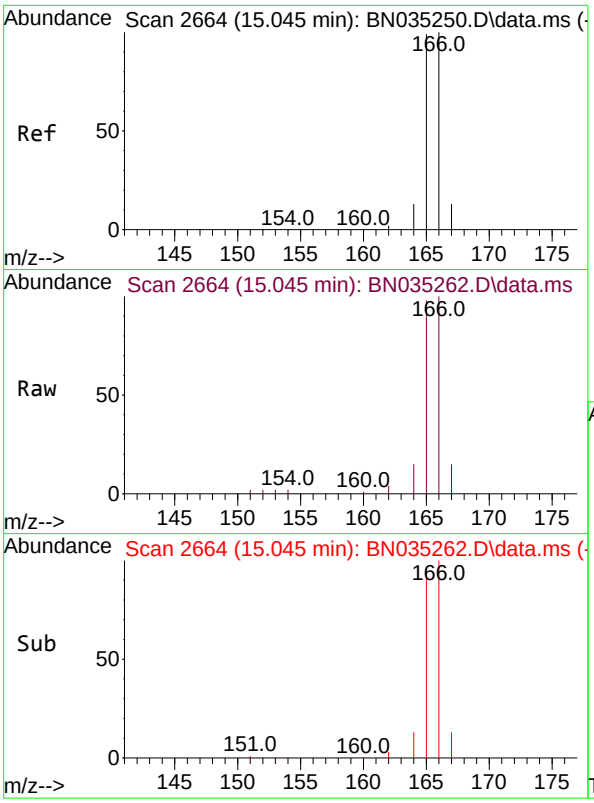


#11
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:153 Resp: 4641

Ion	Ratio	Lower	Upper
153	100		
152	54.4	41.4	62.0
154	85.8	71.2	106.8



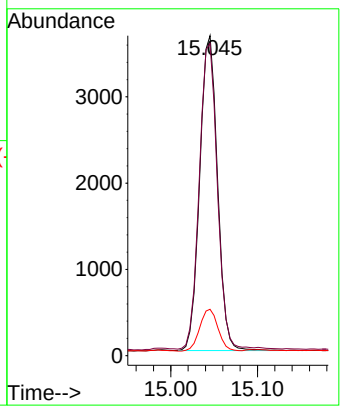


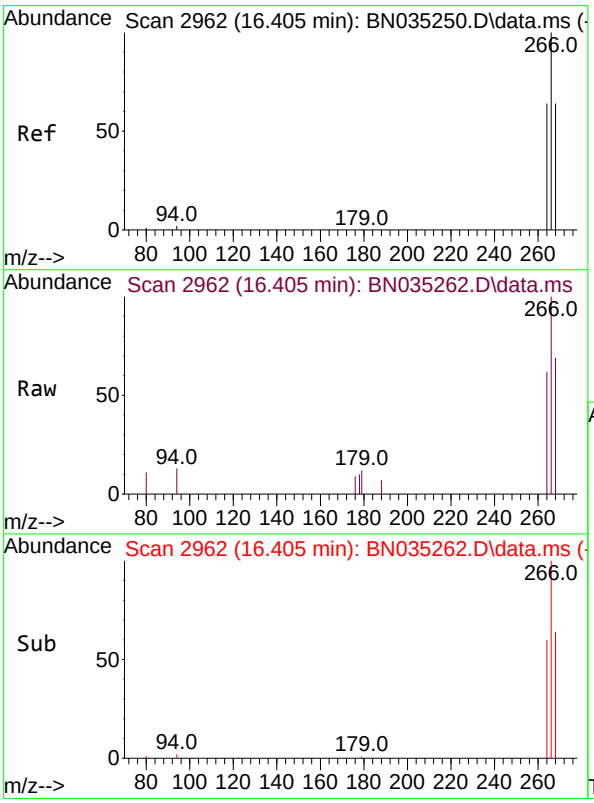
#12
Fluorene
Concen: 0.258 ng/ul
RT: 15.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:166 Resp: 5206

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	118.0
167	14.5	11.8	17.6

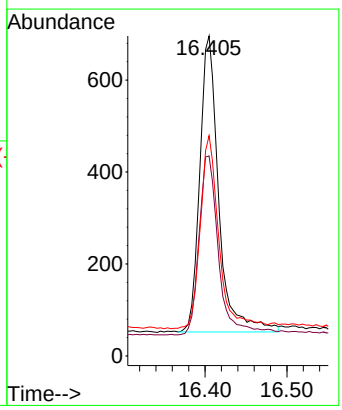


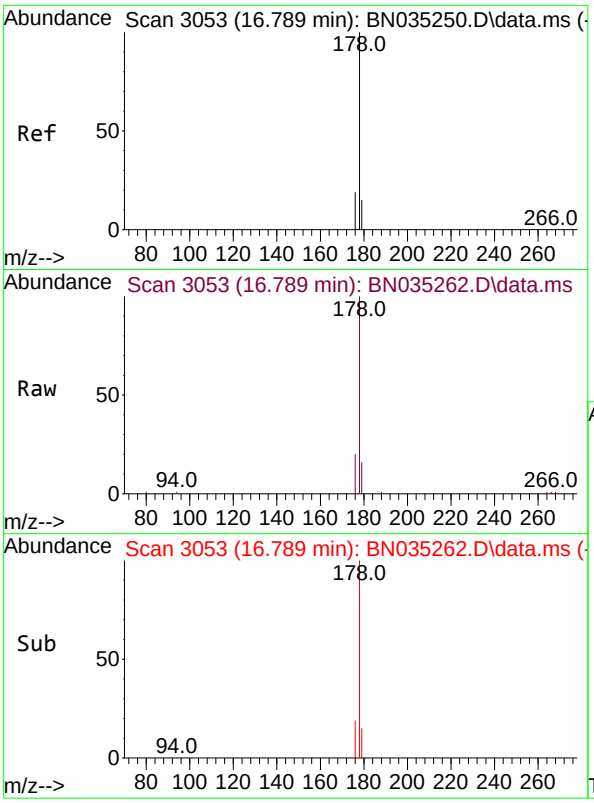


#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.405 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:266 Resp: 1035

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.8	77.6
268	64.1	51.3	76.9



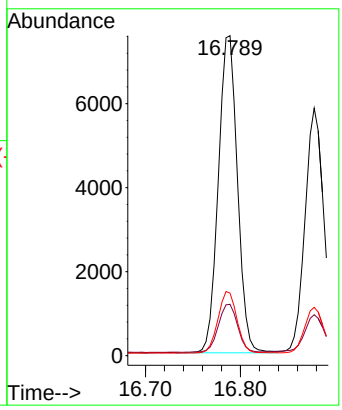


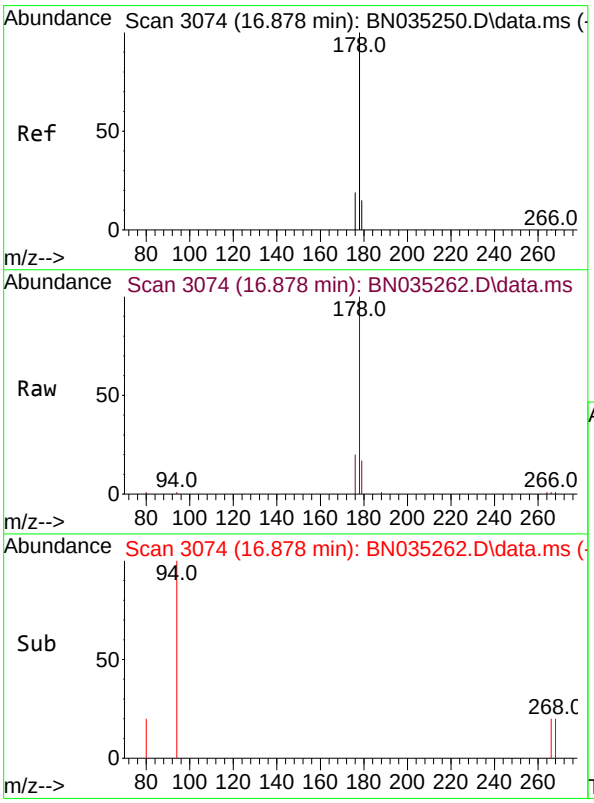
#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 16.789 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:178 Resp: 10580

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.6	15.6	23.4

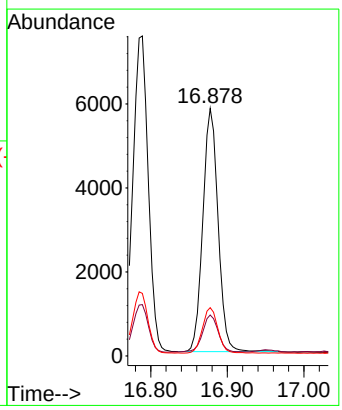


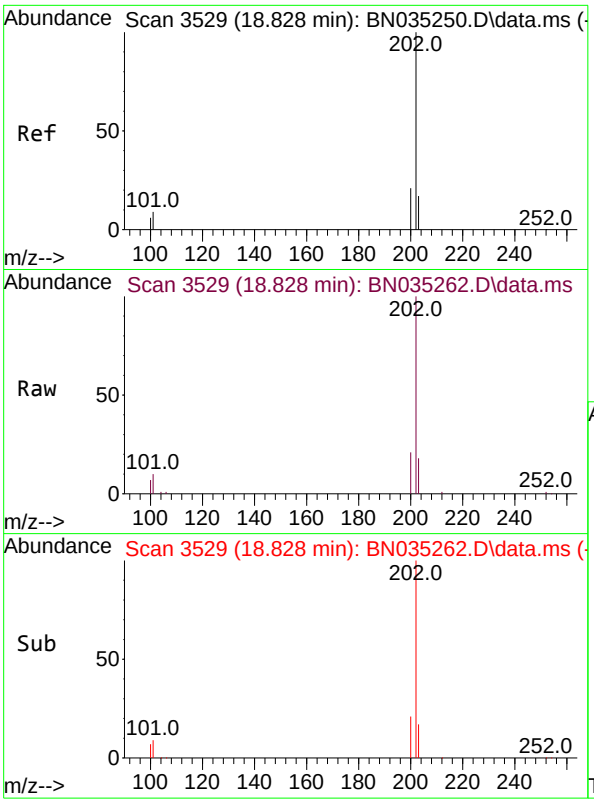


#16
Anthracene
Concen: 0.302 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:178 Resp: 8001

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.5	15.4	23.2



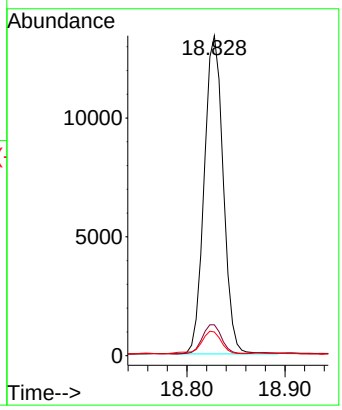


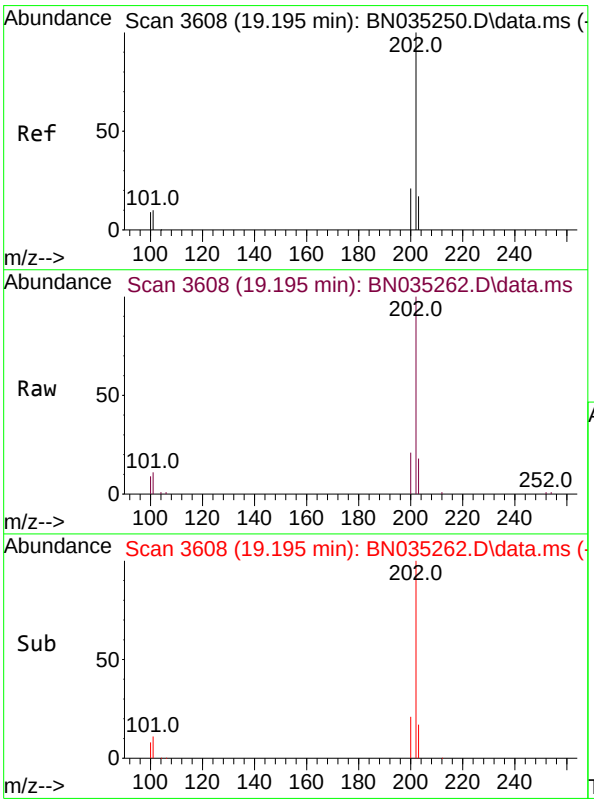
#19
Fluoranthene
Concen: 0.544 ng/ul
RT: 18.828 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:202 Resp: 18041

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.8	8.6#
100	7.4	4.5	6.7#

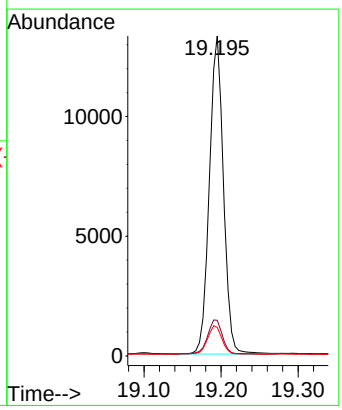


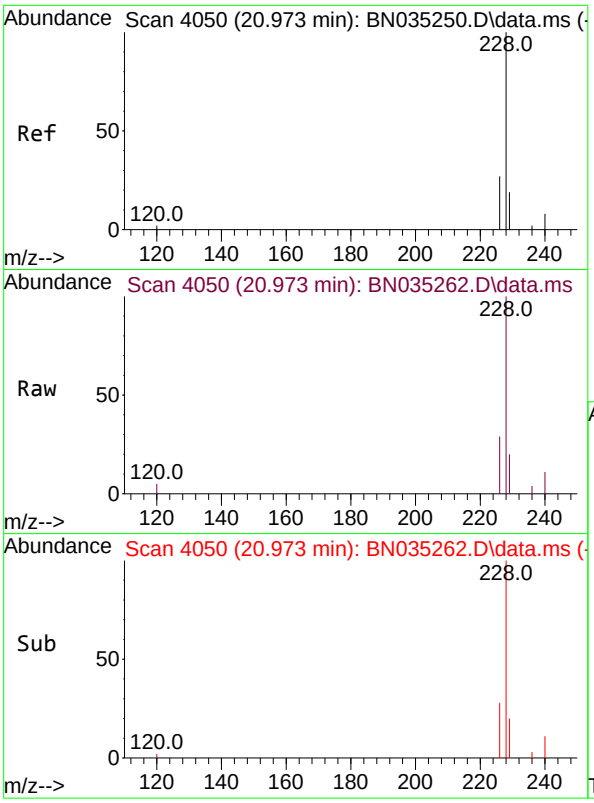


#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:202 Resp: 16872

Ion	Ratio	Lower	Upper
202	100		
101	11.2	6.2	9.4#
100	9.0	5.1	7.7#



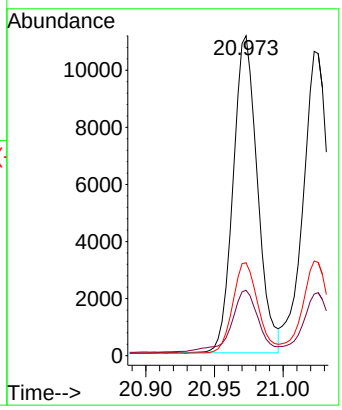


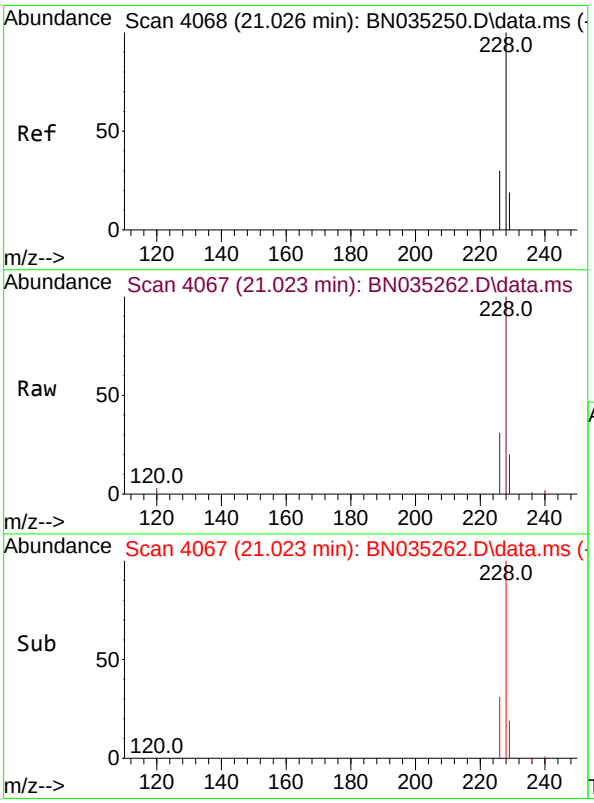
#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 20.973 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:228 Resp: 13676

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	29.0	21.8	32.8

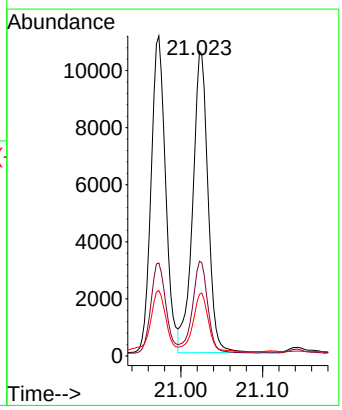


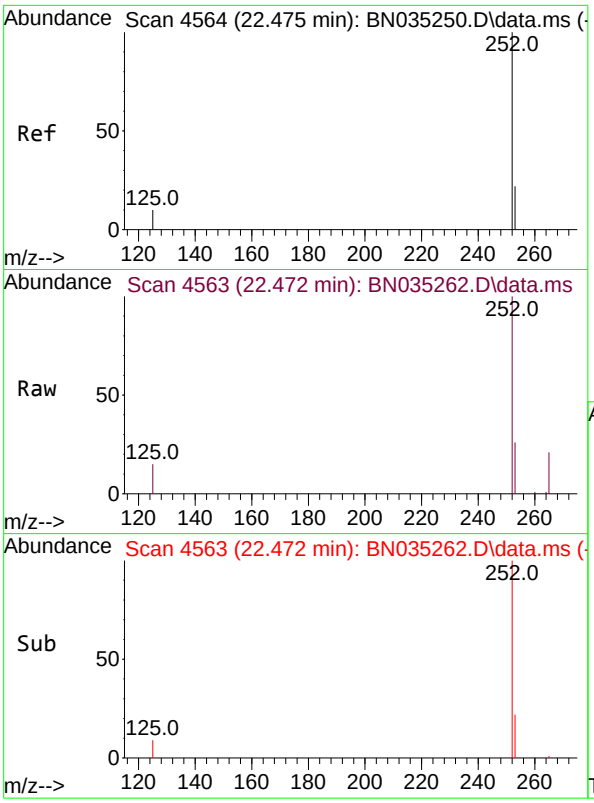


#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.023 min Scan# 4067
Delta R.T. -0.006 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:228 Resp: 13748

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	20.3	16.0	24.0



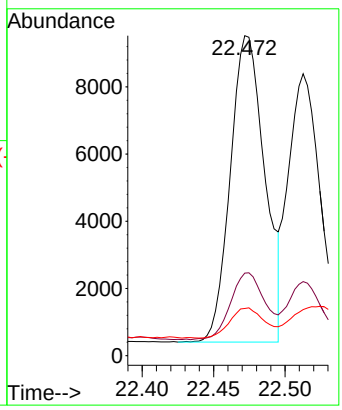


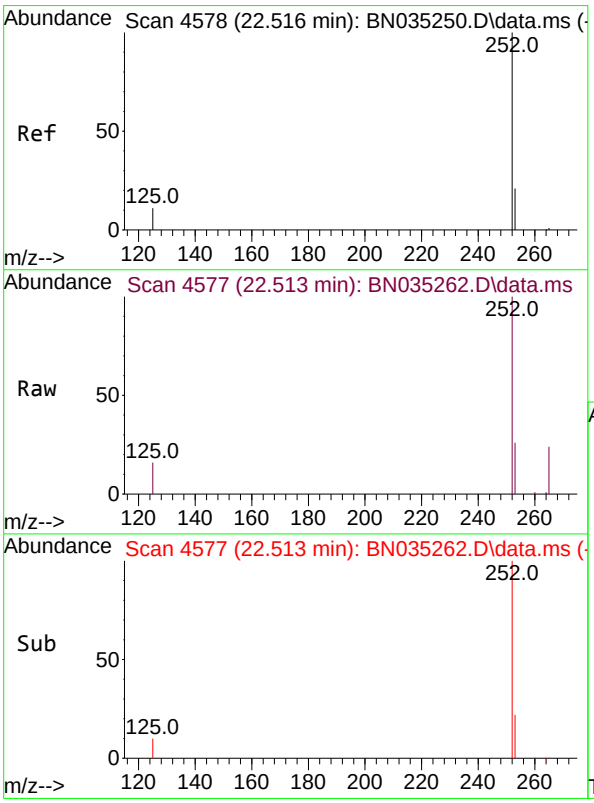
#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul
RT: 22.472 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:252 Resp: 15309

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	54.0
125	14.8	0.0	19.4

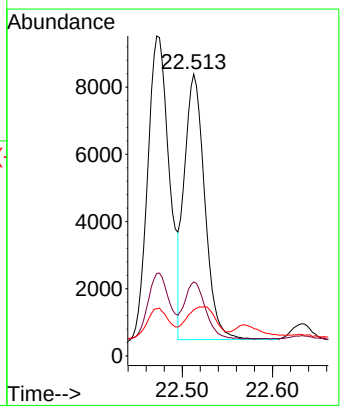


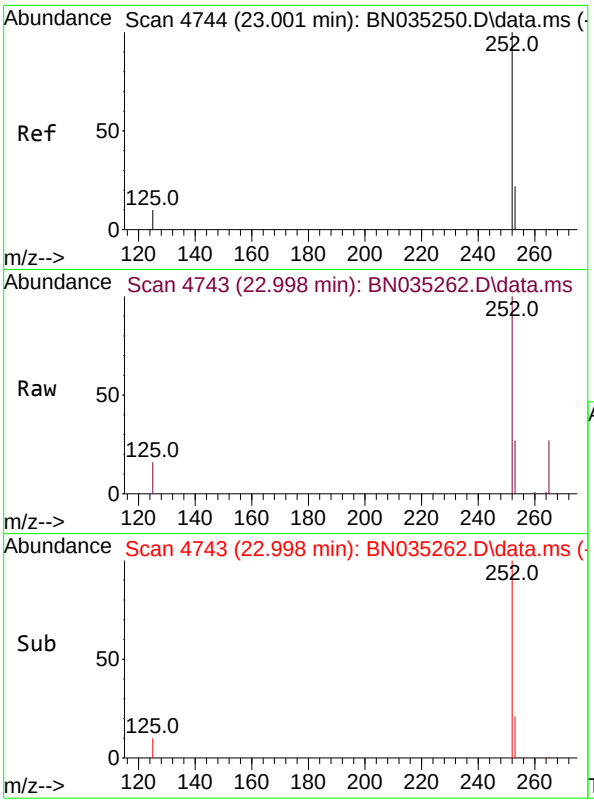


#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:252 Resp: 12378

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.8	32.6
125	16.4	8.6	12.8#



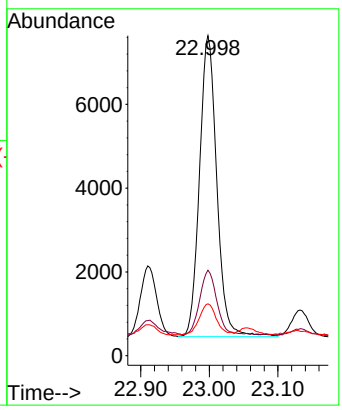


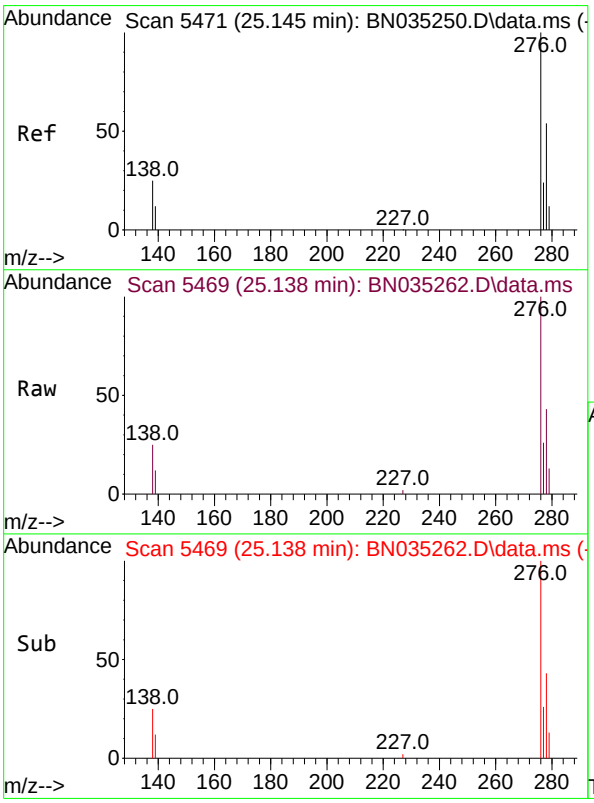
#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 22.998 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:252 Resp: 12585

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.9	34.3
125	16.2	9.4	14.2#

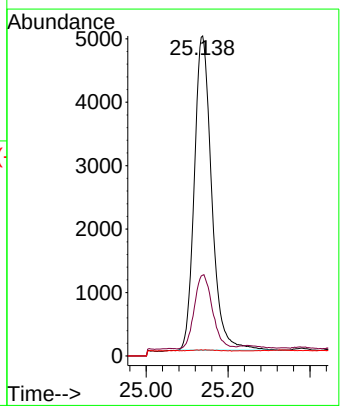


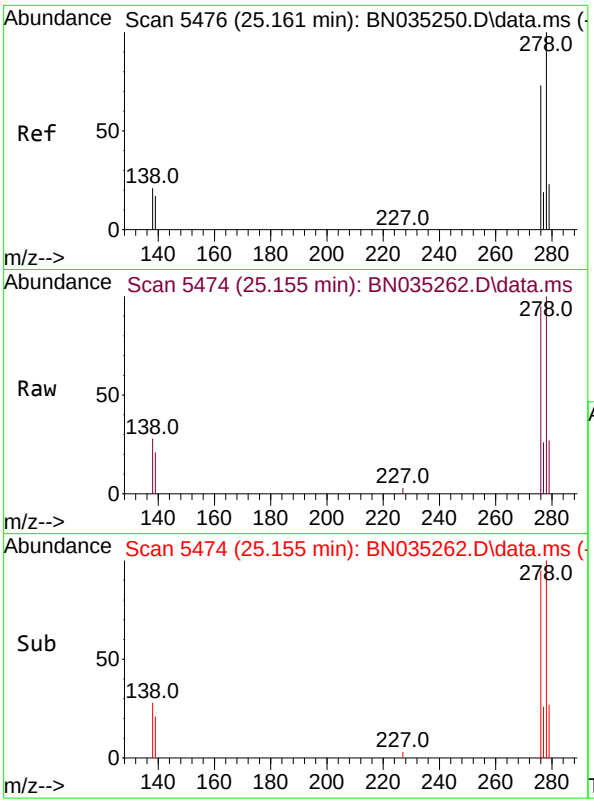


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.138 min Scan# 5469
Delta R.T. -0.013 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:276 Resp: 14587

Ion	Ratio	Lower	Upper
276	100		
138	25.0	13.8	20.8#
227	11.3	0.2	0.4#



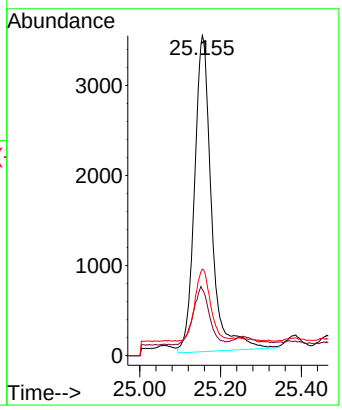


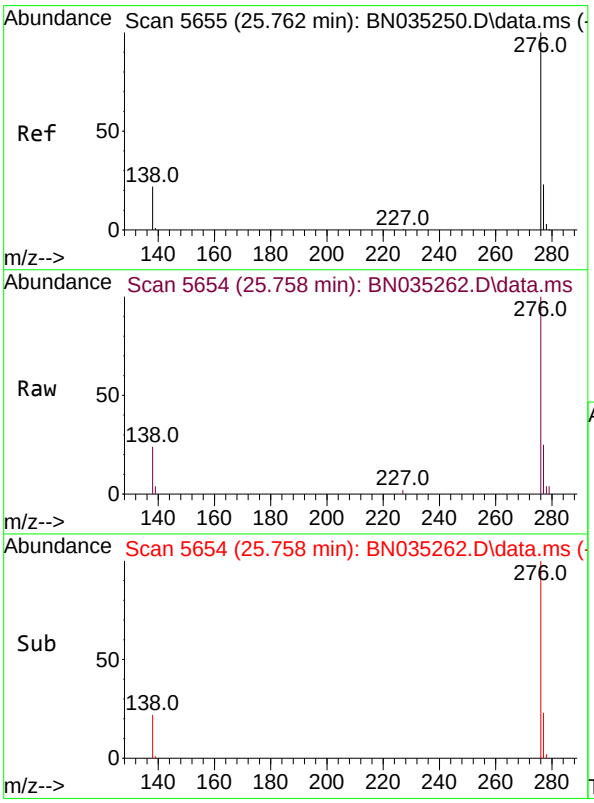
#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 25.155 min Scan# 54
Delta R.T. -0.017 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Instrument :
BNA_N
ClientSampleId :
E29X5MSD

Tgt Ion:278 Resp: 10259

Ion	Ratio	Lower	Upper
278	100		
139	20.7	10.7	16.1#
279	27.0	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 25.758 min Scan# 5654
Delta R.T. -0.017 min
Lab File: BN035262.D
Acq: 23 Nov 2024 03:59

Tgt Ion:276 Resp: 12354

Ion	Ratio	Lower	Upper
276	100		
138	24.1	13.0	19.6#
277	24.8	20.5	30.7