Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035331.D
Acq On : 27 Nov 2024 00:54
Operator : RC/JU
Sample : PB165279BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS279

Quant Time: Nov 27 01:30:23 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 : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.310	152	3271	0.400	ng/ul		0.00
4) Naphthalene-d8	10.059	136	8419	0.400	ng/ul		0.00
9) Acenaphthene-d10	13.967	164	4912	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.734	188	9080	0.400	ng/ul	#	0.00
17) Chrysene-d12	20.976	240	5734	0.400	ng/ul	#	0.00
23) Perylene-d12	23.071	264	6466	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.972	96	2086	0.698	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.659	152	4319	0.350	ng/ul		0.00
18) Fluoranthene-d10	18.786	212	6916	0.437	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.001	88	5515	1.699	ng/ul	#	88
5) Naphthalene	10.108	128	7500	0.354	ng/ul		100
7) 2-Methylnaphthalene	11.736	142	5007	0.340	ng/ul		99
8) 1-Methylnaphthalene	11.961	142	5061	0.341	ng/ul		99
10) Acenaphthylene	13.681	152	7215	0.370	ng/ul		100
11) Acenaphthene	14.032	153	5516	0.370	ng/ul		99
12) Fluorene	15.031	166	5994	0.343	ng/ul		98
14) Pentachlorophenol	16.392	266	1381	0.653	ng/ul		98
15) Phenanthrene	16.776	178	8800	0.367	ng/ul		99
16) Anthracene	16.869	178	7585	0.340	ng/ul		100
19) Fluoranthene	18.814	202	8531	0.427	ng/ul	#	93
20) Pyrene	19.186	202	8504	0.409	ng/ul	#	93
21) Benzo(a)anthracene	20.961	228	6972	0.350	ng/ul		99
22) Chrysene	21.014	228	7845	0.392	ng/ul		100
24) Benzo(b)fluoranthene	22.454	252	7804	0.365	ng/ul		96
25) Benzo(k)fluoranthene	22.495	252	8433	0.383	ng/ul	#	96
26) Benzo(a)pyrene	22.978	252	7023	0.360	ng/ul	#	96
27) Indeno(1,2,3-cd)pyrene	25.111	276	9889	0.375	ng/ul	#	87
28) Dibenzo(a,h)anthracene	25.128	278	7496	0.362	ng/ul	#	94
29) Benzo(g,h,i)perylene	25.725	276	7833	0.377	ng/ul	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035331.D
Acq On : 27 Nov 2024 00:54
Operator : RC/JU
Sample : PB165279BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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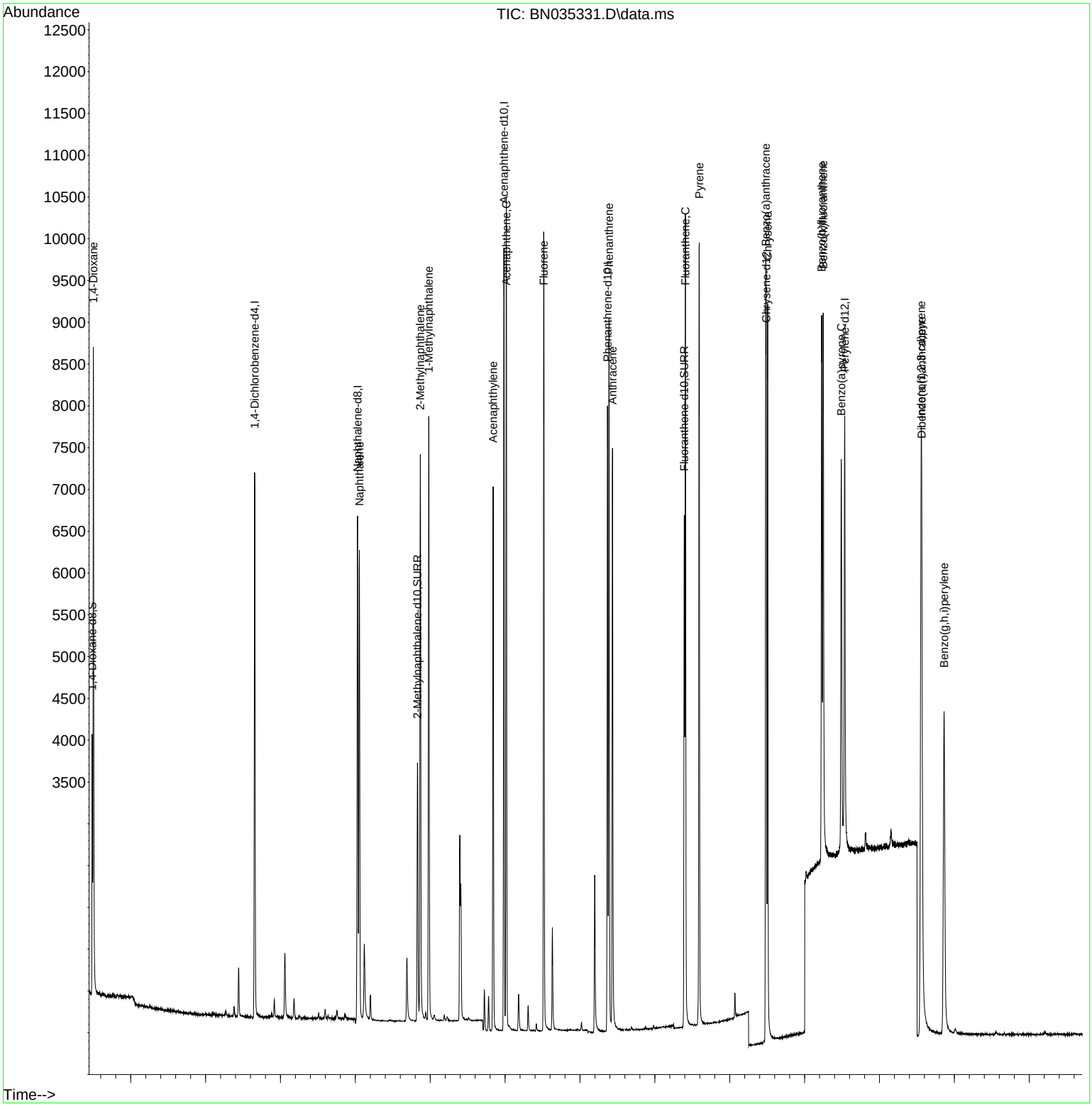
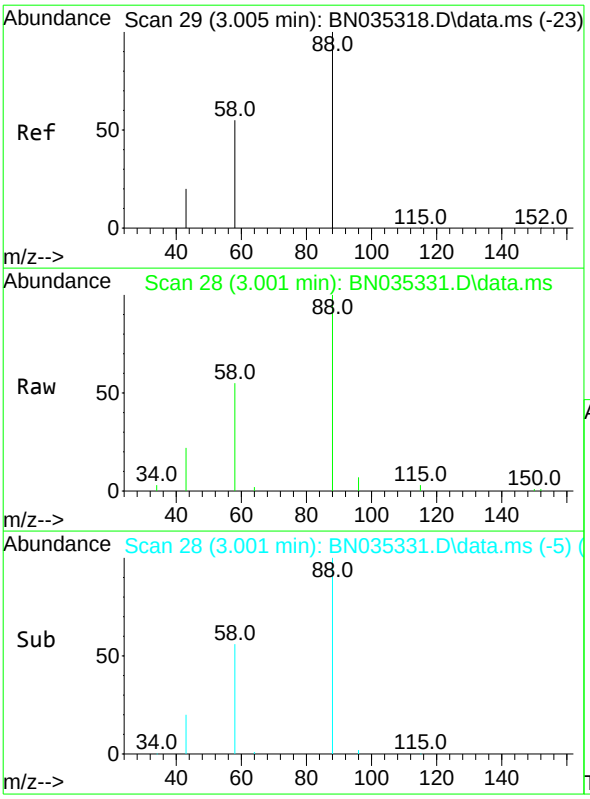
Quant Time: Nov 27 01:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration



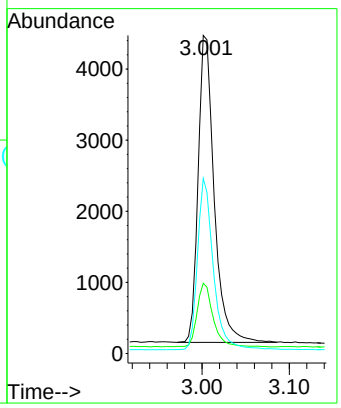


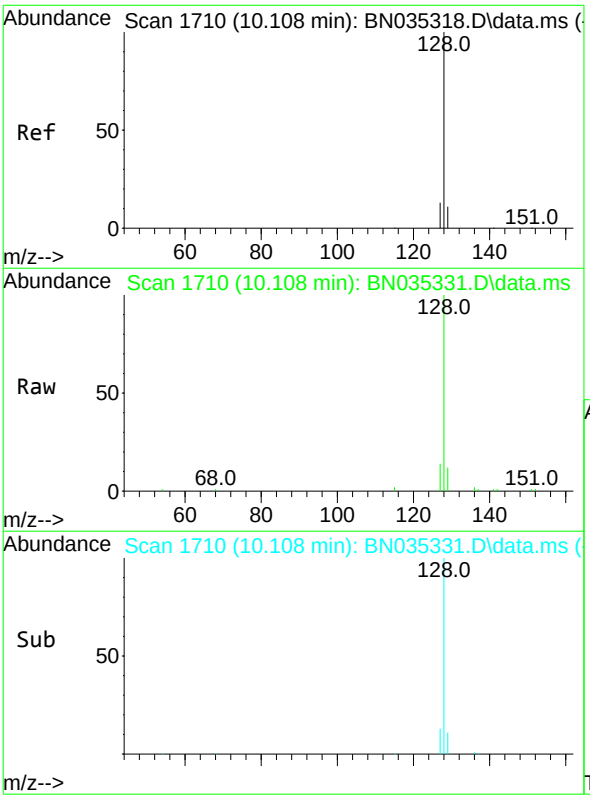
#2
1,4-Dioxane
Concen: 1.699 ng/ul
RT: 3.001 min Scan# 28
Delta R.T. -0.004 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion: 88 Resp: 5515

Ion	Ratio	Lower	Upper
88	100		
43	22.1	20.6	31.0
58	55.1	36.2	54.4#

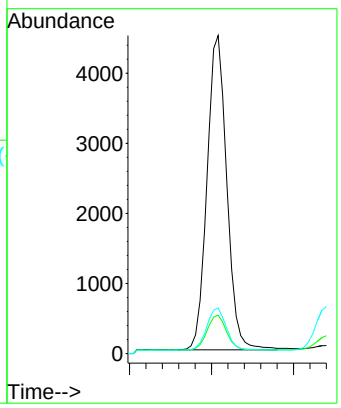


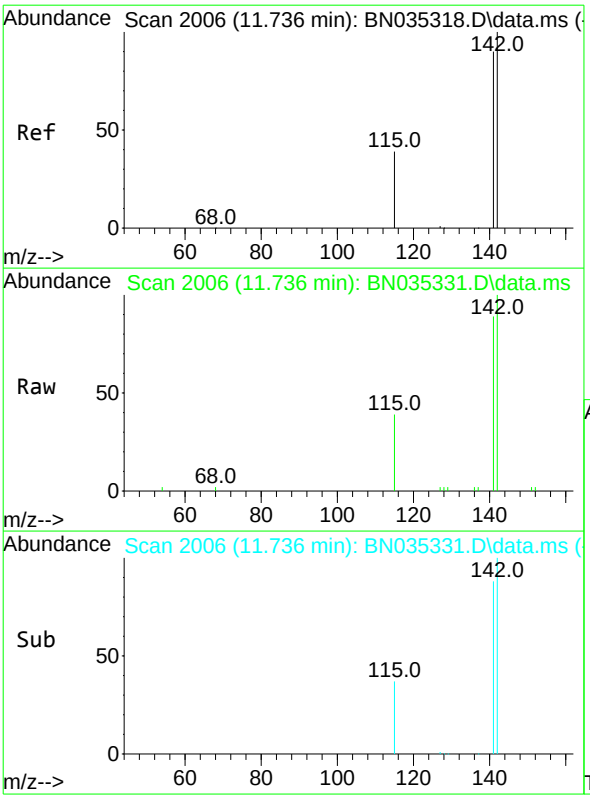


#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.108 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:128 Resp: 7500

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.9	14.9
127	14.3	11.4	17.2



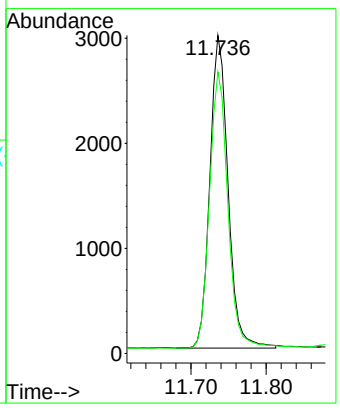


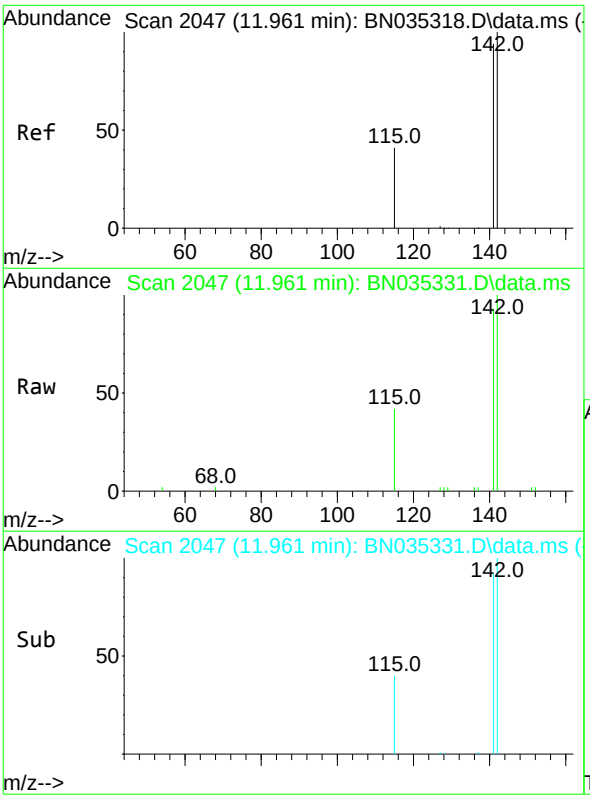
#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 11.736 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:142 Resp: 5007

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6

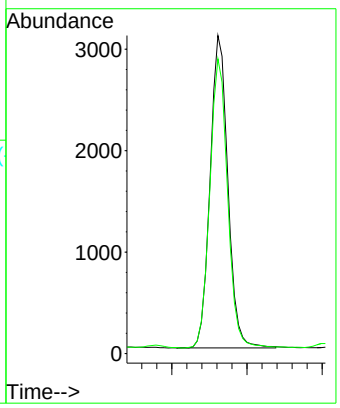


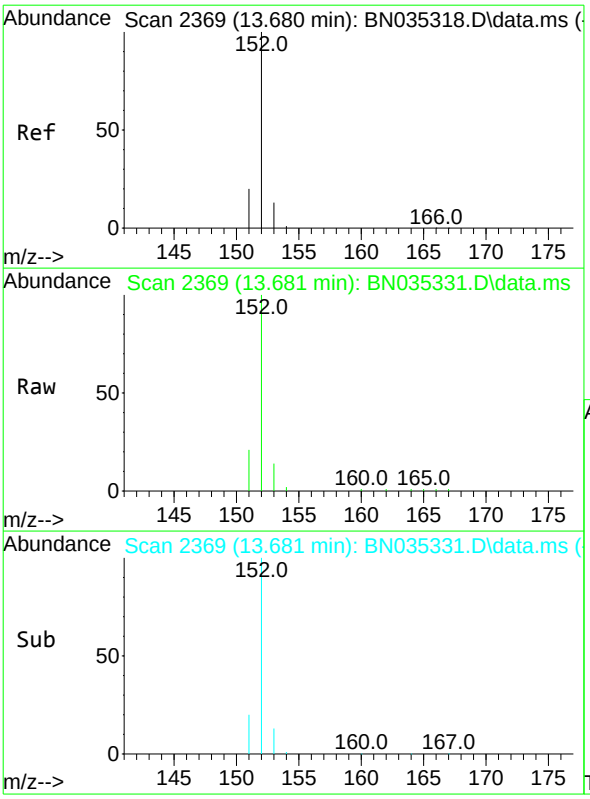


#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:142 Resp: 5061

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.1	109.7



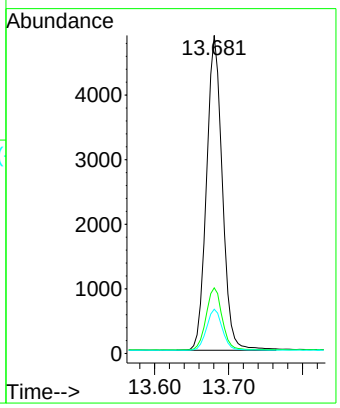


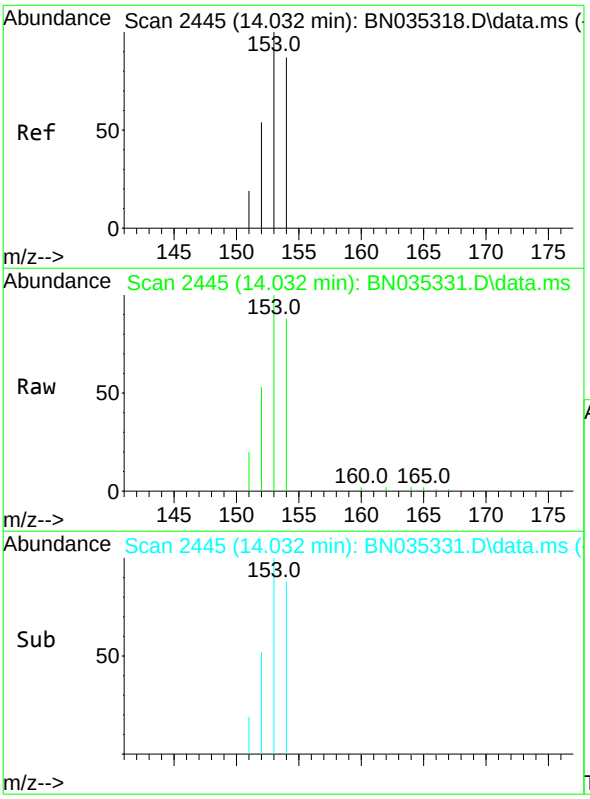
#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 13.681 min Scan# 23
Delta R.T. -0.005 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:152 Resp: 7215

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

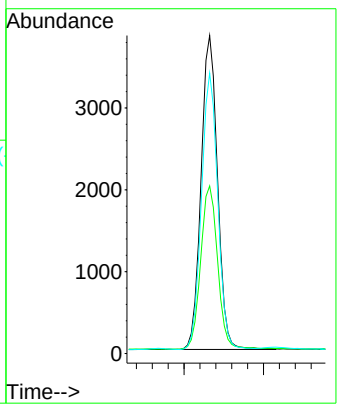


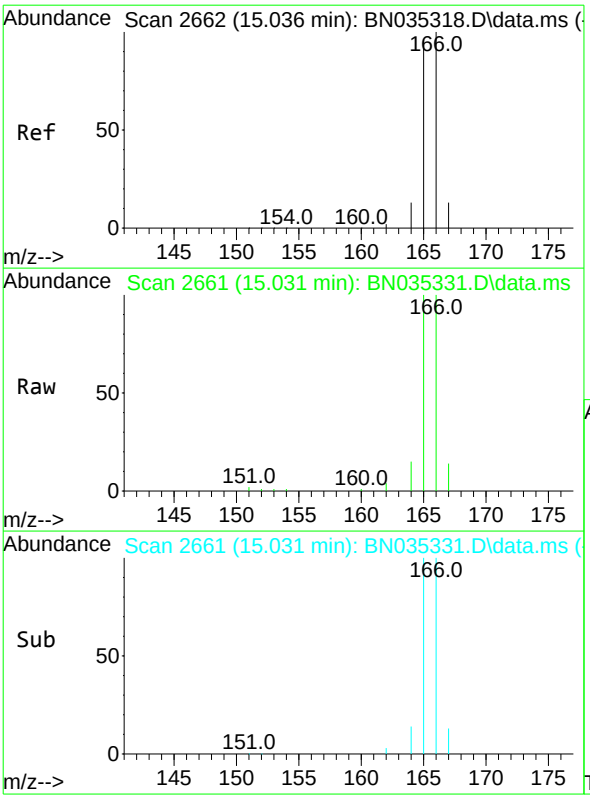


#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:153 Resp: 5516

Ion	Ratio	Lower	Upper
153	100		
152	52.7	41.4	62.0
154	88.2	71.2	106.8



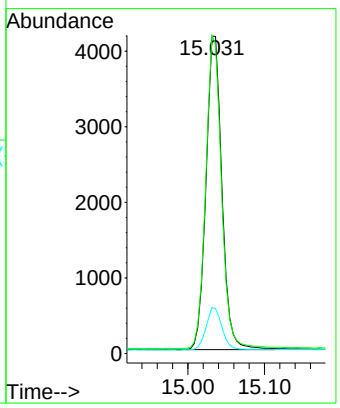


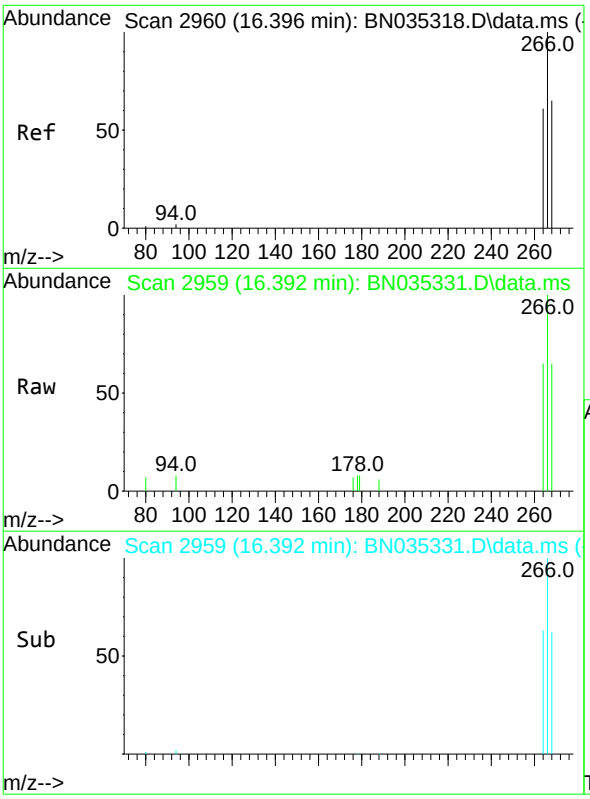
#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.031 min Scan# 26
Delta R.T. -0.005 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:166 Resp: 5994

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	118.0
167	14.5	11.8	17.6

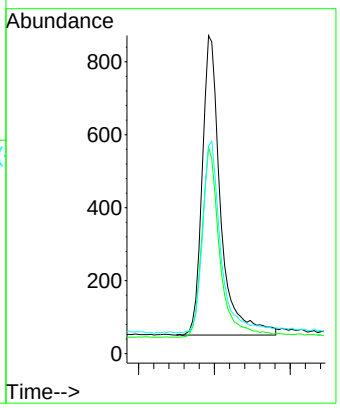


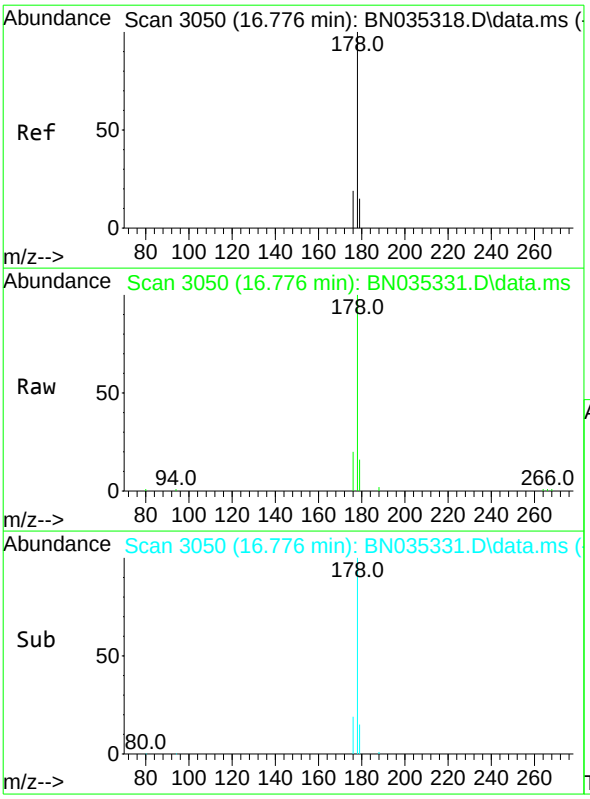


#14
Pentachlorophenol
Concen: 0.653 ng/ul
RT: 16.392 min Scan# 2959
Delta R.T. -0.008 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:266 Resp: 1381

Ion	Ratio	Lower	Upper
266	100		
264	61.7	51.8	77.6
268	63.8	51.3	76.9



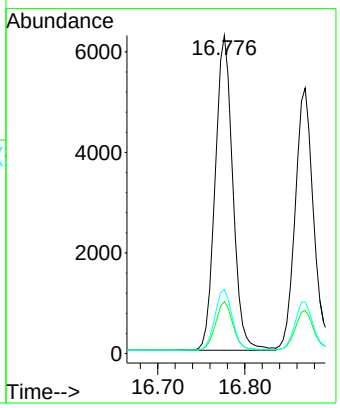


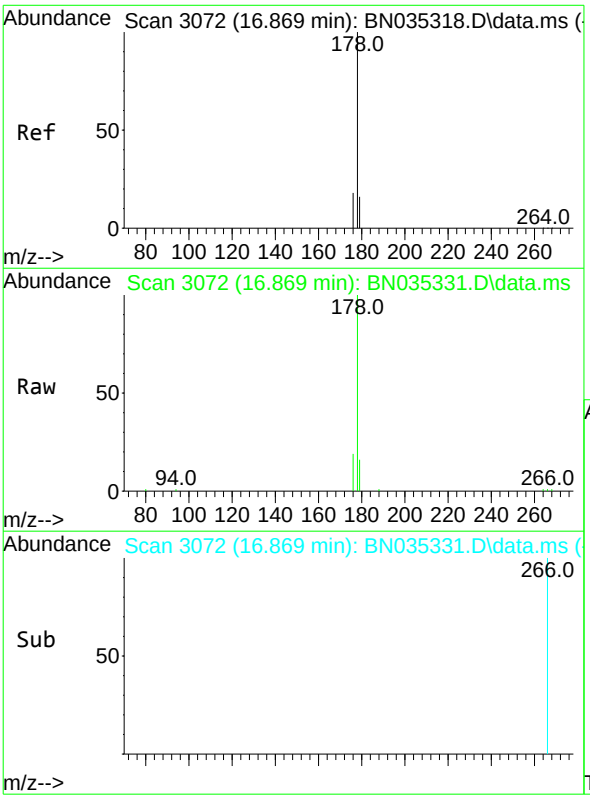
#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 16.776 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:178 Resp: 8800

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.1	15.6	23.4

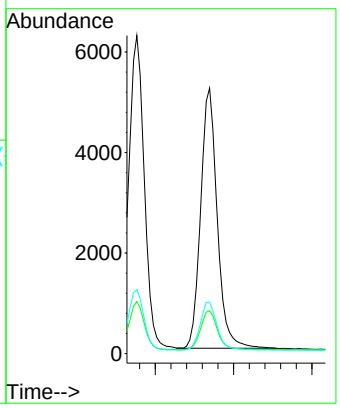


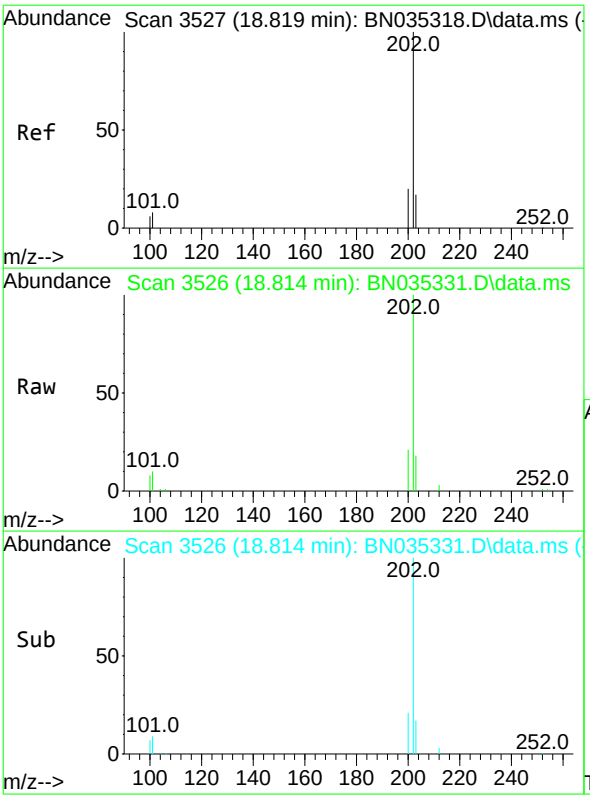


#16
Anthracene
Concen: 0.340 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:178 Resp: 7585

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.4	15.4	23.2



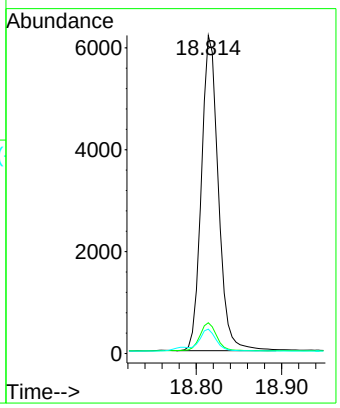


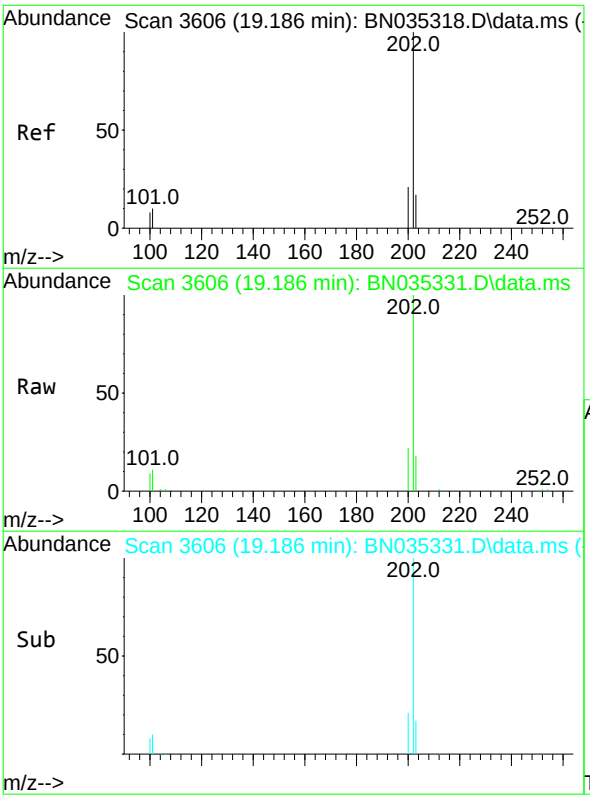
#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 18.814 min Scan# 35
Delta R.T. -0.005 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:202 Resp: 8531

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.8	8.6#
100	7.7	4.5	6.7#

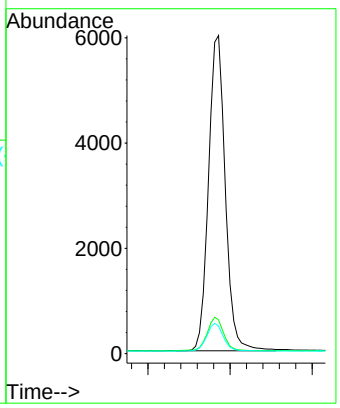


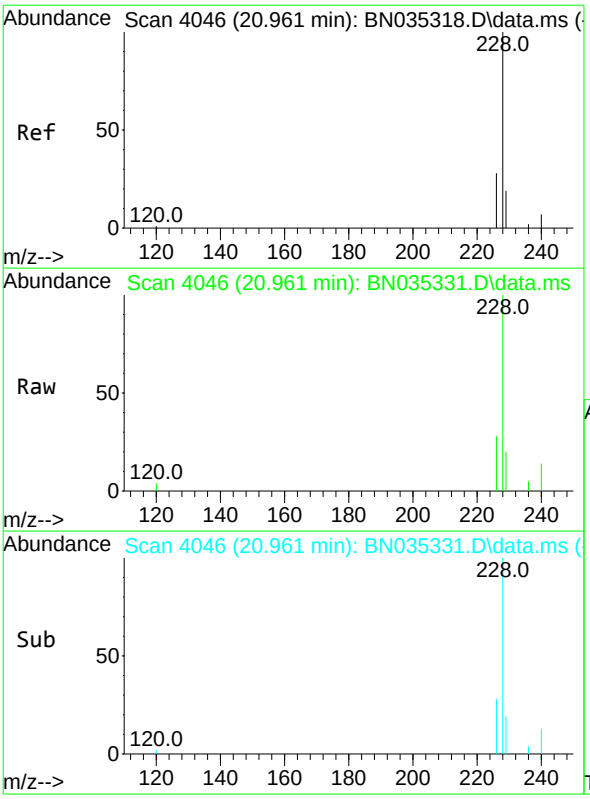


#20
Pyrene
Concen: 0.409 ng/ul
RT: 19.186 min Scan# 3606
Delta R.T. 0.000 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:202 Resp: 8504

Ion	Ratio	Lower	Upper
202	100		
101	10.6	6.2	9.4#
100	8.6	5.1	7.7#



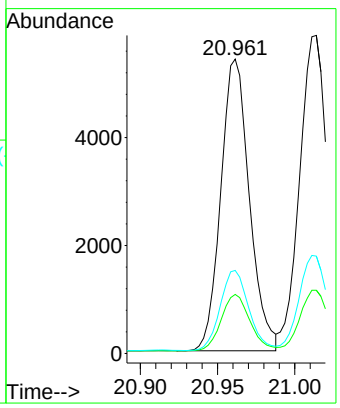


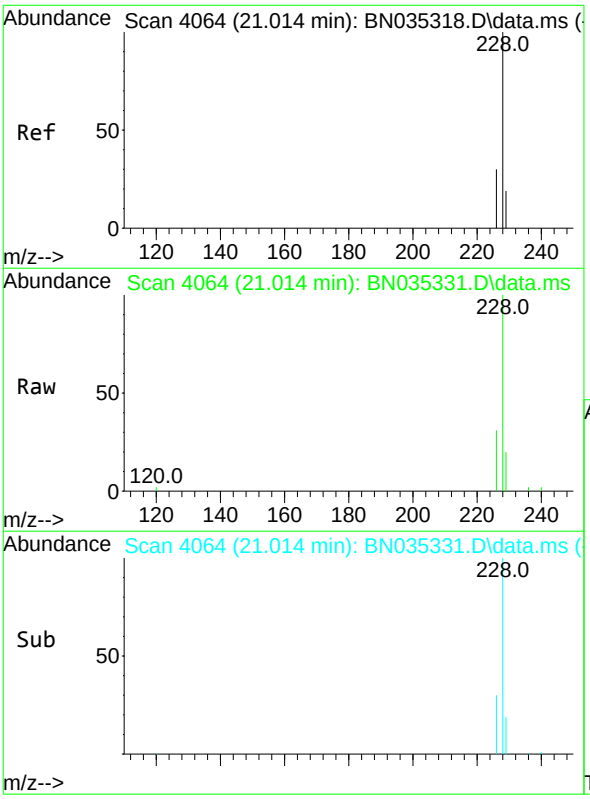
#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 20.961 min Scan# 40
Delta R.T. -0.003 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:228 Resp: 6972

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	28.2	21.8	32.8

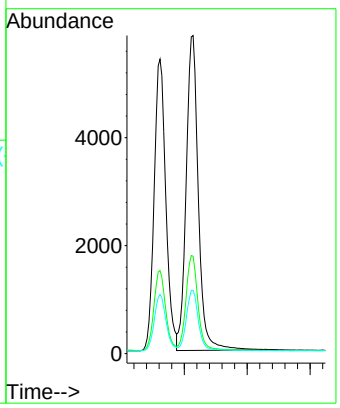


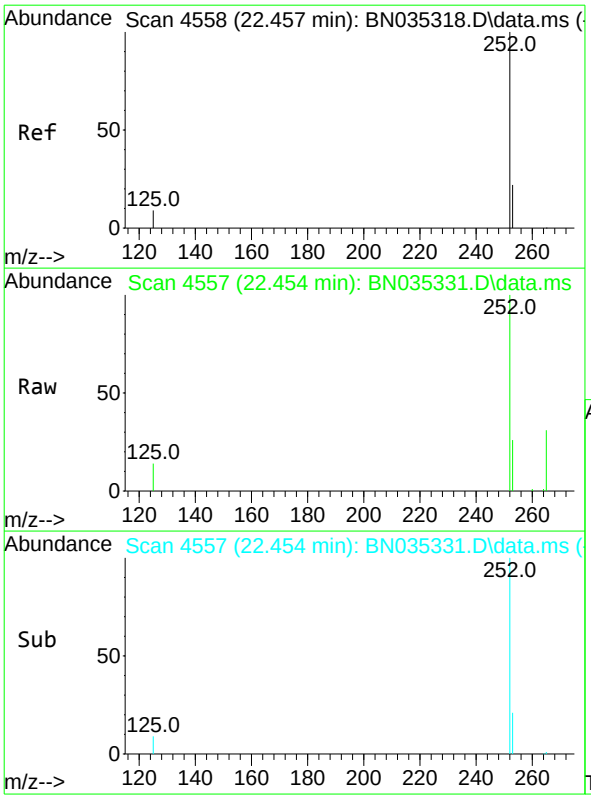


#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:228 Resp: 7845

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.9	16.0	24.0



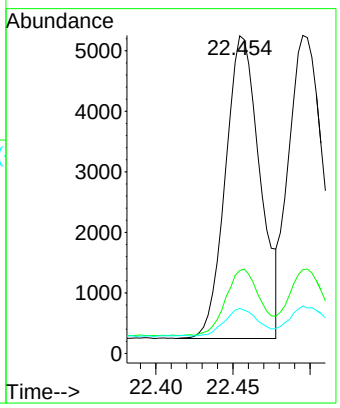


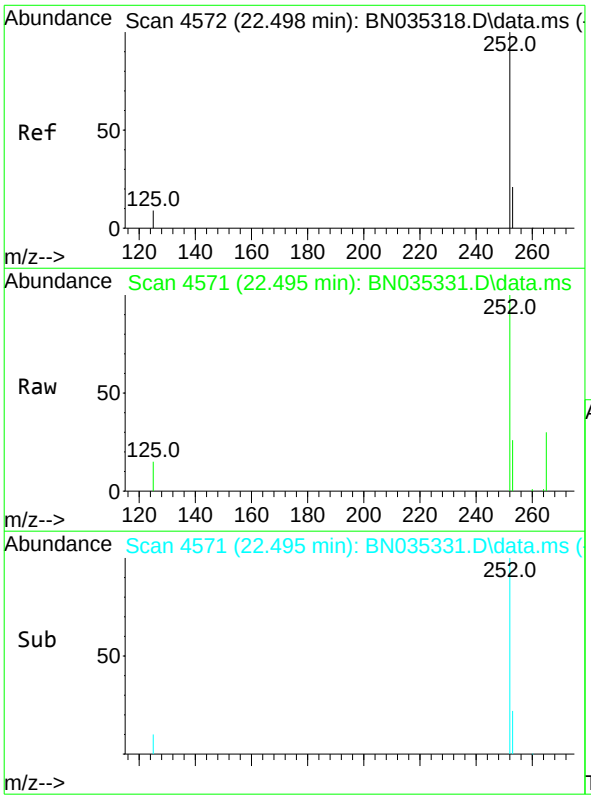
#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.454 min Scan# 45
Delta R.T. -0.009 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:252 Resp: 7804

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	54.0
125	14.2	0.0	19.4

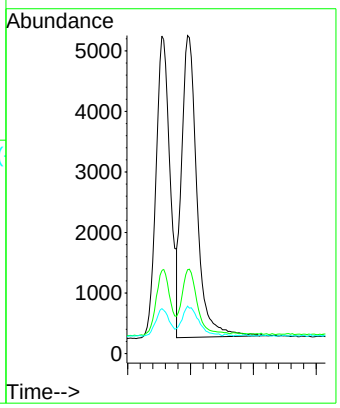


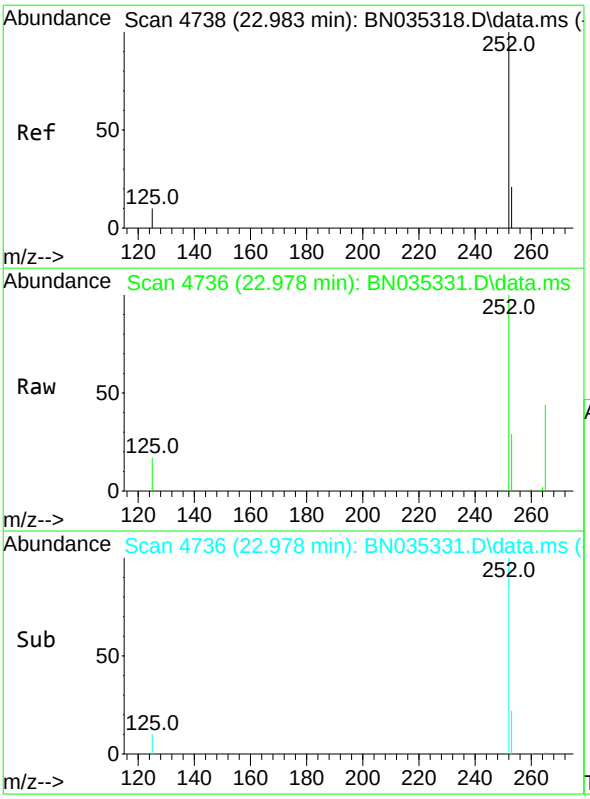


#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.495 min Scan# 4571
Delta R.T. -0.009 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:252 Resp: 8433

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.8	32.6
125	14.9	8.6	12.8#



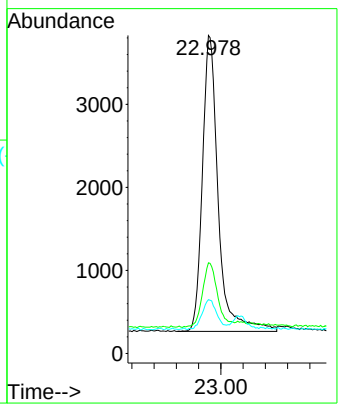


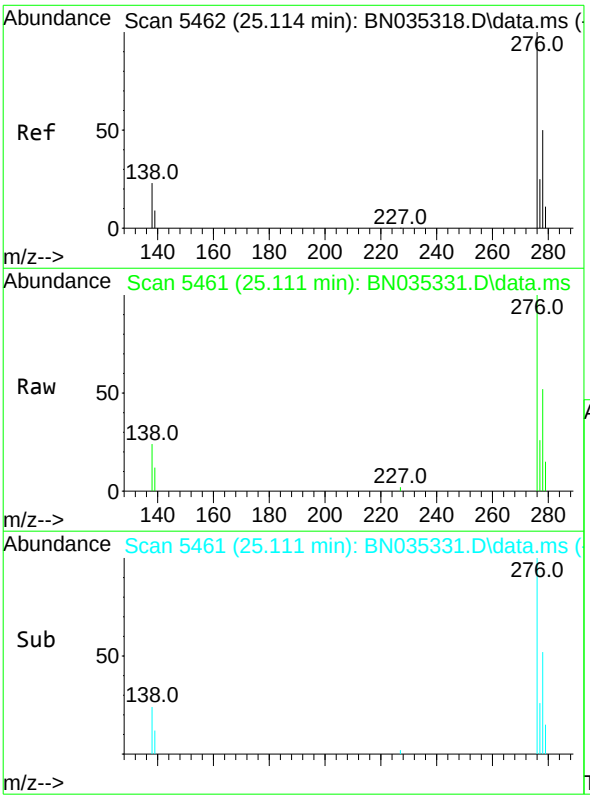
#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 22.978 min Scan# 47
Delta R.T. -0.009 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:252 Resp: 7023

Ion	Ratio	Lower	Upper
252	100		
253	28.5	22.9	34.3
125	16.9	9.4	14.2#

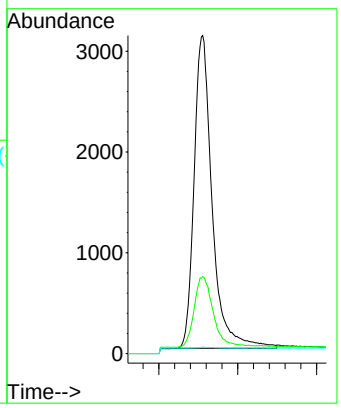


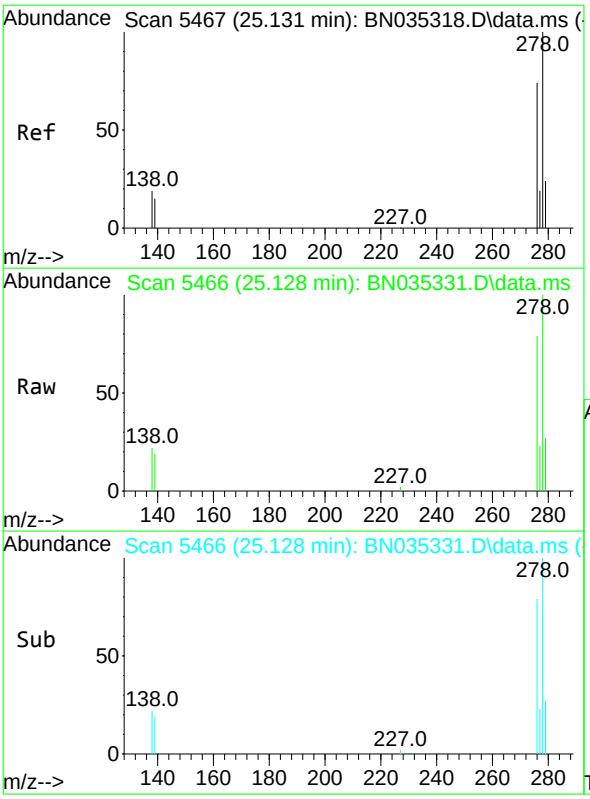


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.111 min Scan# 5461
Delta R.T. -0.010 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:276 Resp: 9889

Ion	Ratio	Lower	Upper
276	100		
138	23.0	13.8	20.8#
227	10.1	0.2	0.4#



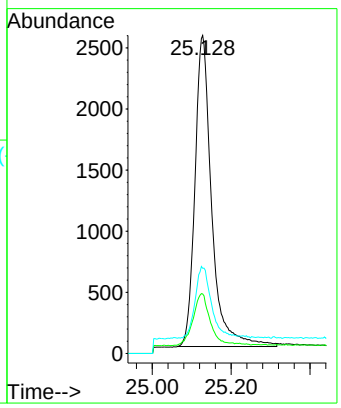


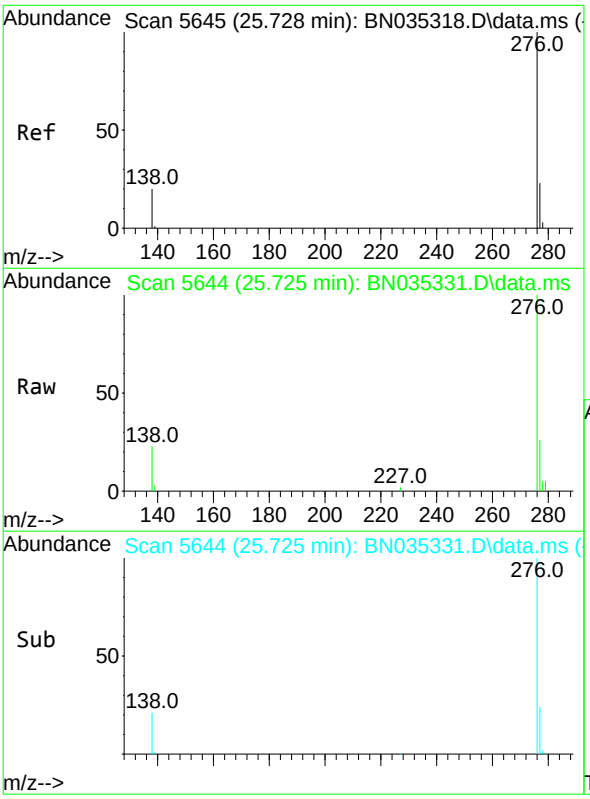
#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 25.128 min Scan# 54
Delta R.T. -0.010 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Instrument :
BNA_N
ClientSampleId :
SLCS279

Tgt Ion:278 Resp: 7496

Ion	Ratio	Lower	Upper
278	100		
139	18.7	10.7	16.1#
279	26.8	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 25.725 min Scan# 5644
Delta R.T. -0.010 min
Lab File: BN035331.D
Acq: 27 Nov 2024 00:54

Tgt Ion:276 Resp: 7833

Ion	Ratio	Lower	Upper
276	100		
138	23.2	13.0	19.6#
277	26.0	20.5	30.7