Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036252.D
Acq On : 04 Feb 2025 05:38
Operator : RC/JU
Sample : PB166371BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS371

Quant Time: Feb 04 08:35:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2809	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	6849	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	4113	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9047	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	8413	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	7221	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1824	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	3574	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	8704	0.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	5023	1.530	ng/ul	89
5) Naphthalene	10.628	128	6689	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	4273	0.365	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	4371	0.367	ng/ul	100
10) Acenaphthylene	14.146	152	6179	0.319	ng/ul	99
11) Acenaphthene	14.488	153	4885	0.342	ng/ul	98
12) Fluorene	15.478	166	5482	0.348	ng/ul	99
14) Pentachlorophenol	16.833	266	1791	0.565	ng/ul	99
15) Phenanthrene	17.218	178	9027	0.341	ng/ul	98
16) Anthracene	17.306	178	8047	0.327	ng/ul	100
19) Fluoranthene	19.235	202	10838	0.339	ng/ul	97
20) Pyrene	19.597	202	11461	0.343	ng/ul	95
21) Benzo(a)anthracene	21.345	228	10427	0.347	ng/ul	99
22) Chrysene	21.400	228	10851	0.354	ng/ul	100
24) Benzo(b)fluoranthene	22.964	252	9495	0.394	ng/ul	88
25) Benzo(k)fluoranthene	23.011	252	9694	0.383	ng/ul#	91
26) Benzo(a)pyrene	23.554	252	8013	0.368	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.991	276	8929	0.310	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.004	278	6948	0.313	ng/ul	93
29) Benzo(g,h,i)perylene	26.702	276	6969	0.312	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
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BNA_N
ClientSampleId :
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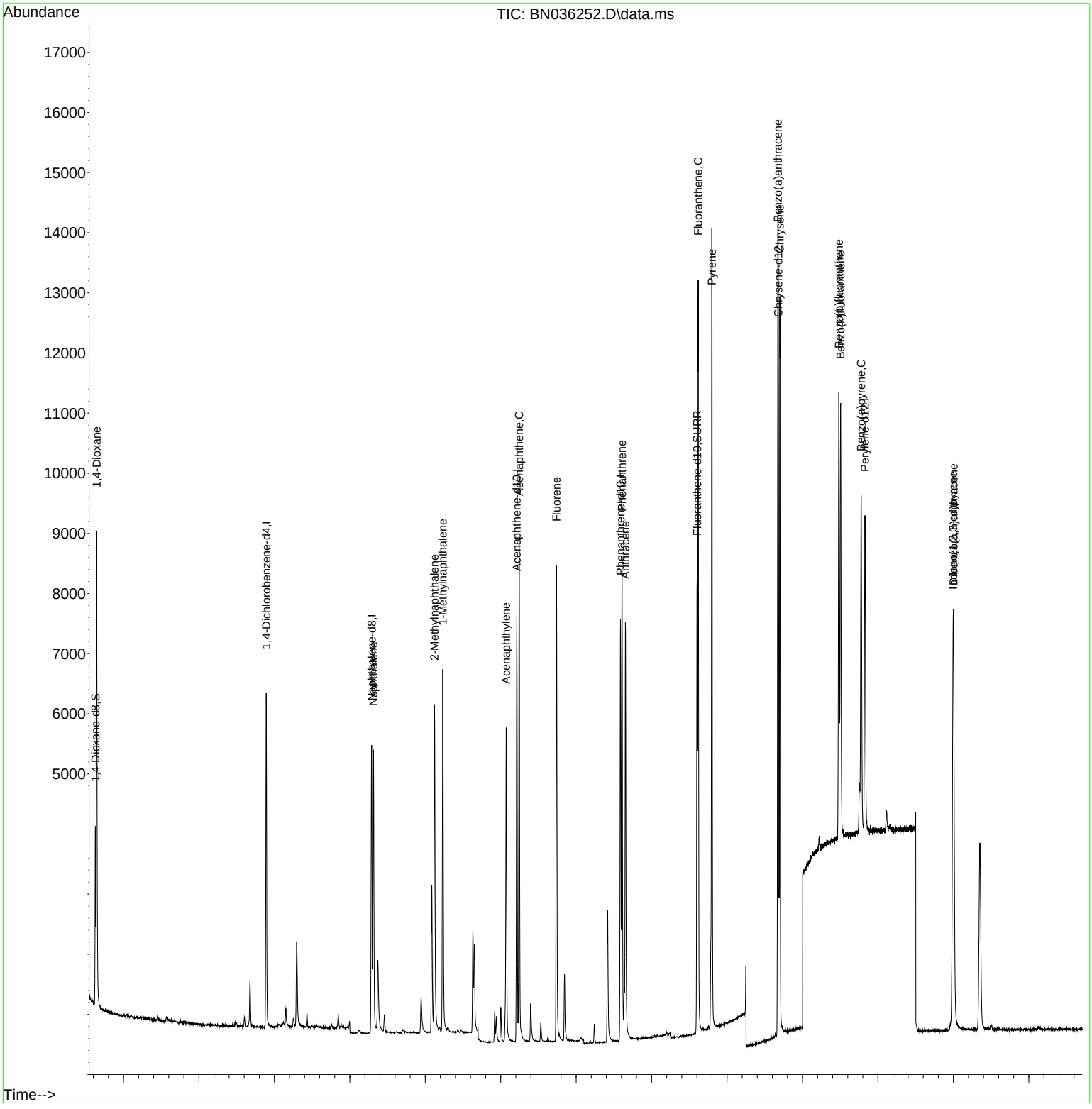
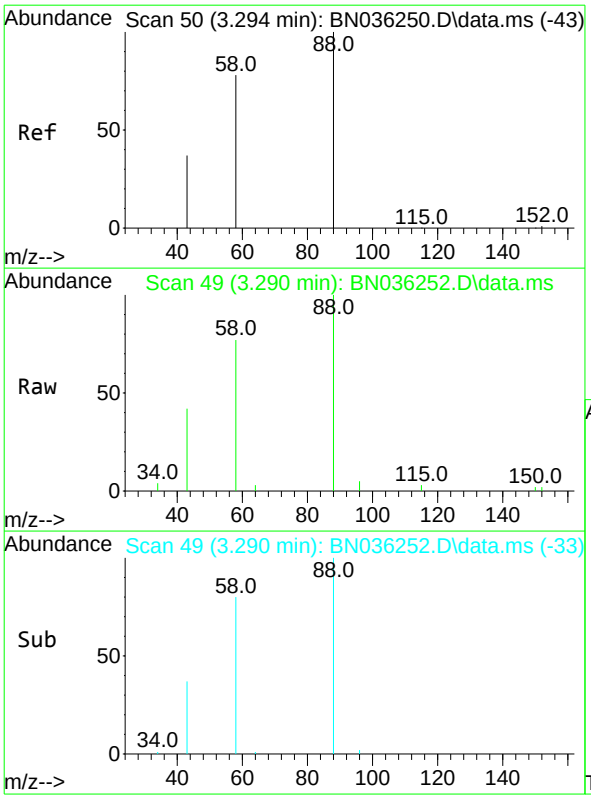
Quant Time: Feb 04 08:35:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



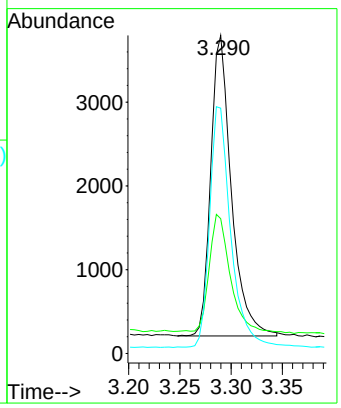


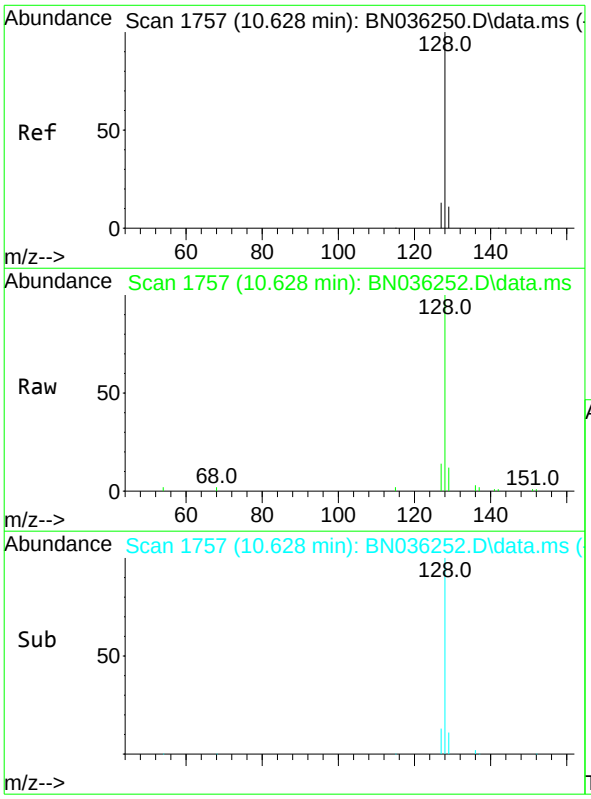
#2
1,4-Dioxane
Concen: 1.530 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.003 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion: 88 Resp: 5023

Ion	Ratio	Lower	Upper
88	100		
43	42.4	40.7	61.1
58	77.1	55.2	82.8

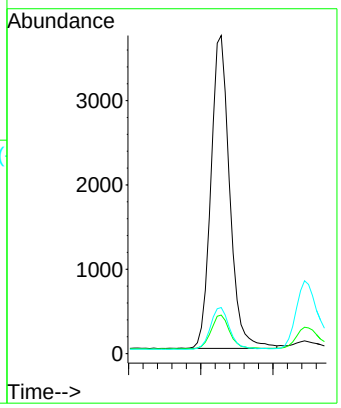


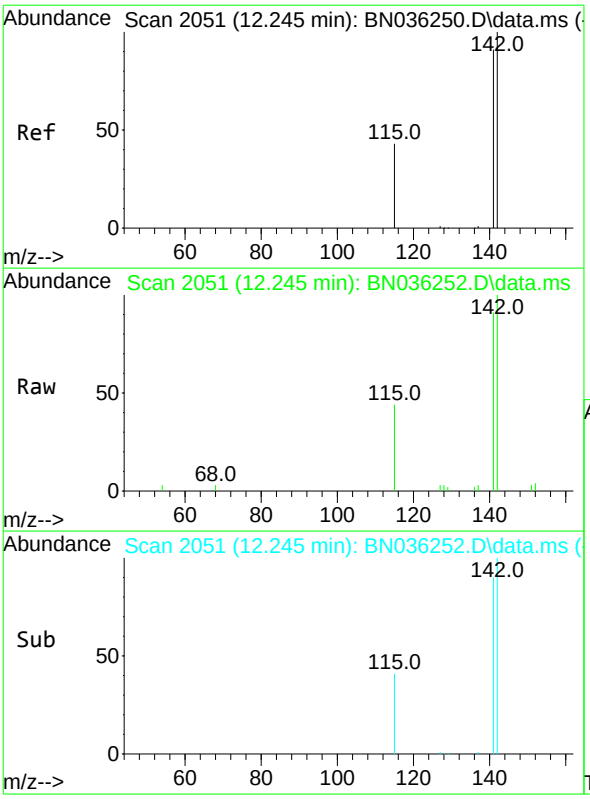


#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:128 Resp: 6689

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.5	12.0	18.0



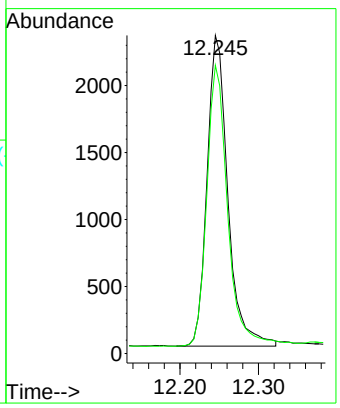


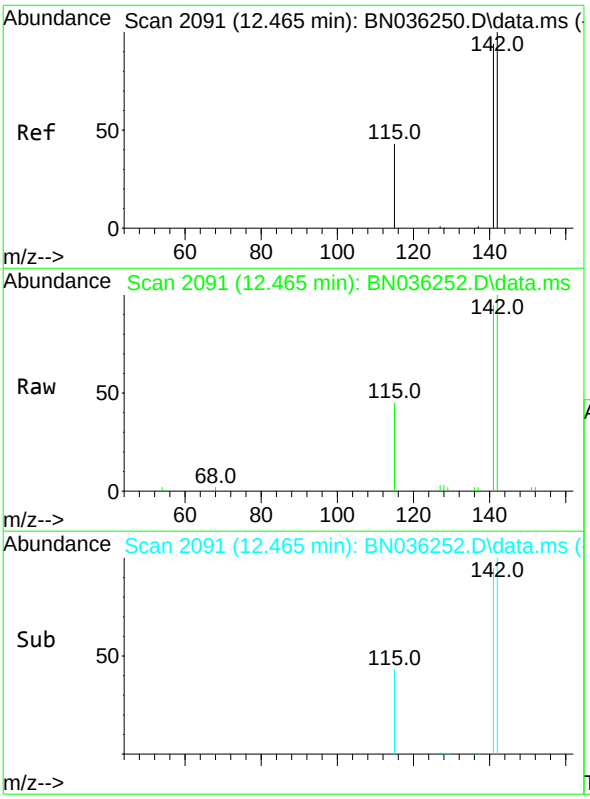
#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.245 min Scan# 20
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:142 Resp: 4273

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9

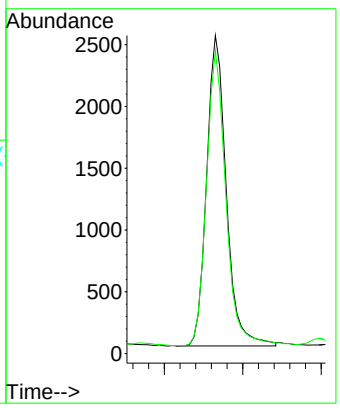


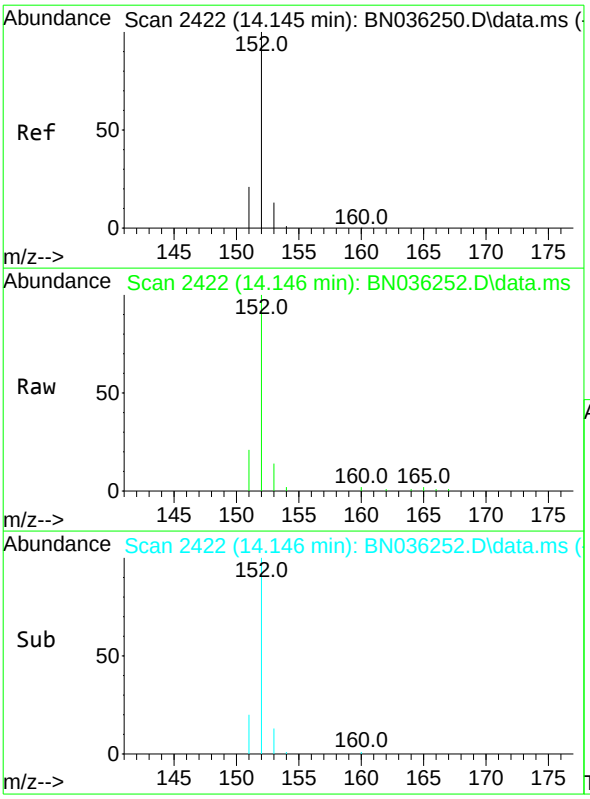


#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:142 Resp: 4371

Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8



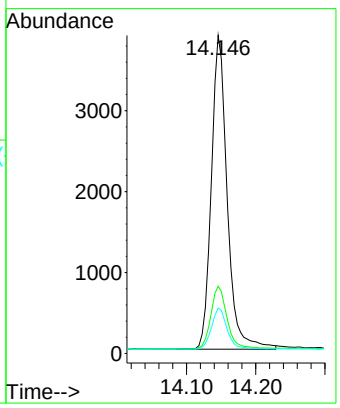


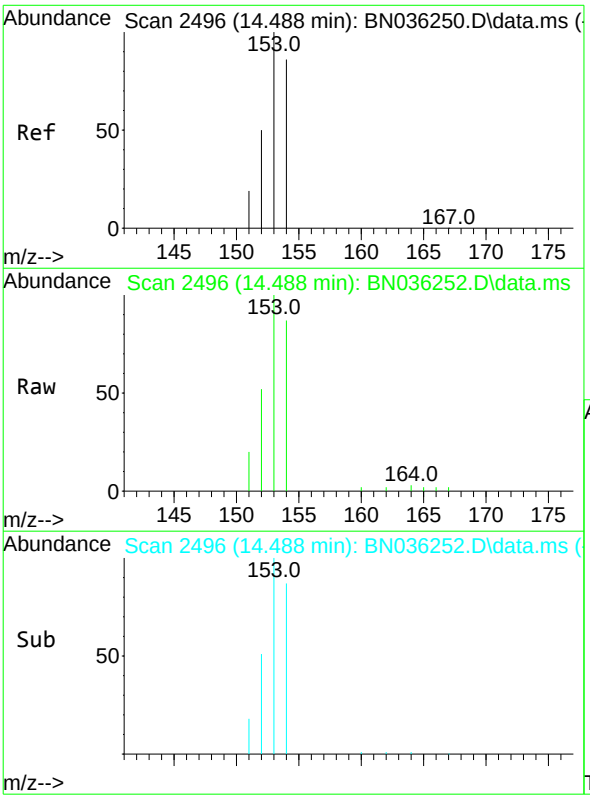
#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.146 min Scan# 24
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:152 Resp: 6179

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.2
153	14.2	11.9	17.9

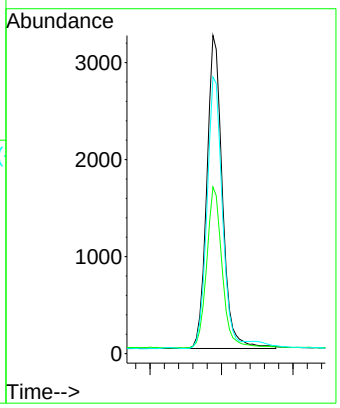


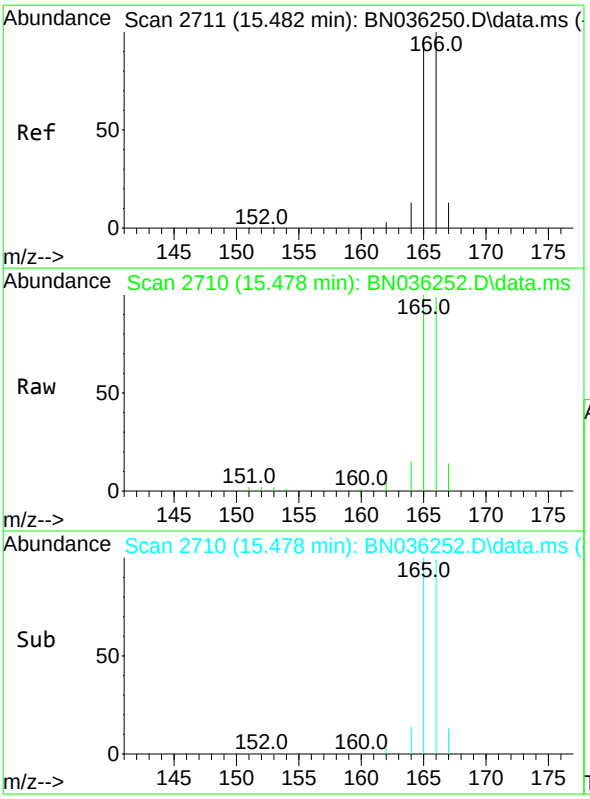


#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. -0.004 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:153 Resp: 4885

Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.2	64.8
154	87.0	70.5	105.7



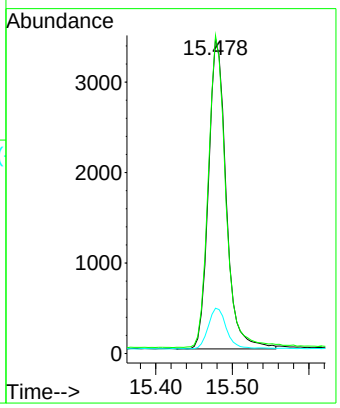


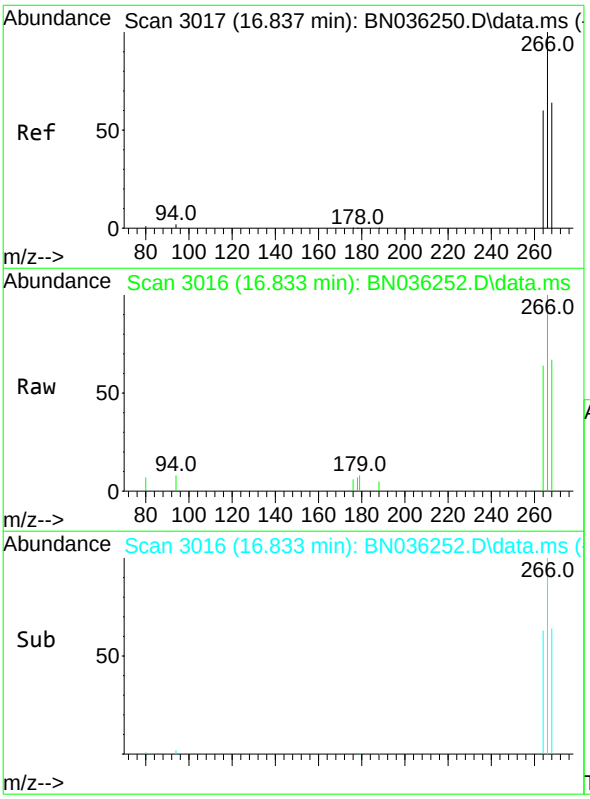
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.478 min Scan# 27
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:166 Resp: 5482

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.3	120.5
167	14.4	12.3	18.5

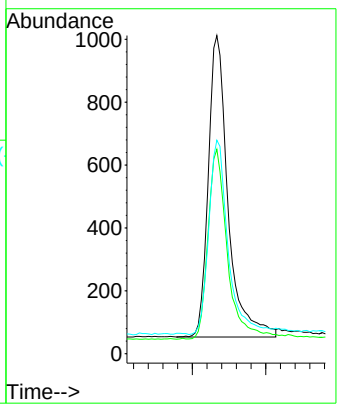


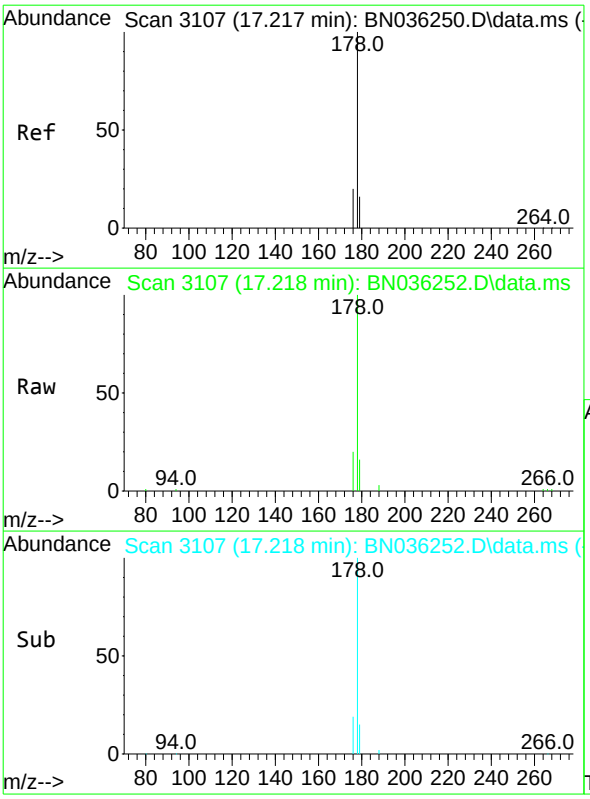


#14
Pentachlorophenol
Concen: 0.565 ng/ul
RT: 16.833 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:266 Resp: 1791

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.6	75.8
268	63.6	50.6	75.8



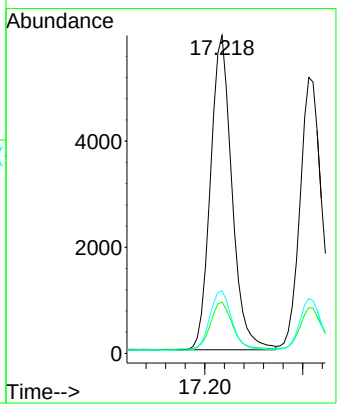


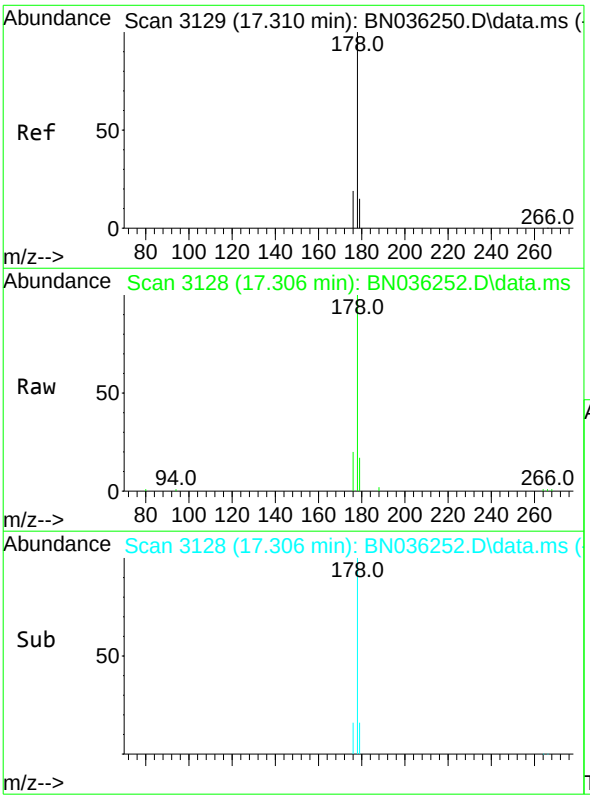
#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.218 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:178 Resp: 9027

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	19.7	16.8	25.2

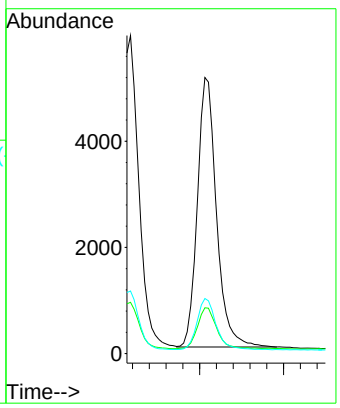


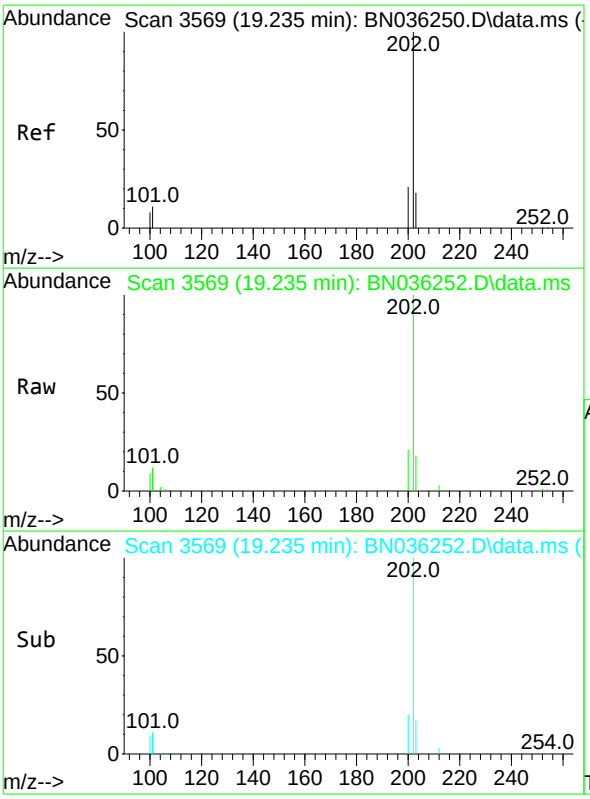


#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.306 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:178 Resp: 8047

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.9	15.9	23.9



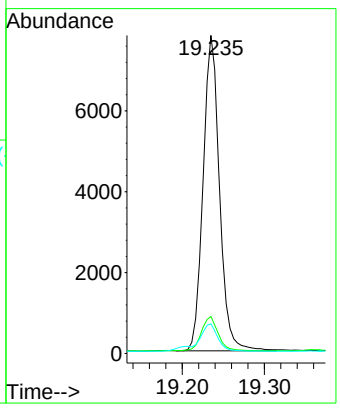


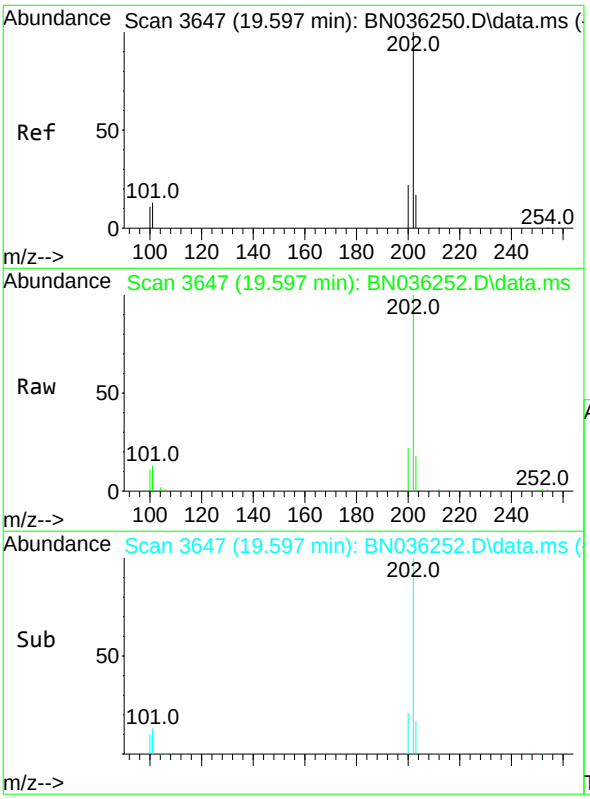
#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.235 min Scan# 35
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:202 Resp: 10838

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.4	12.6
100	9.3	6.5	9.7

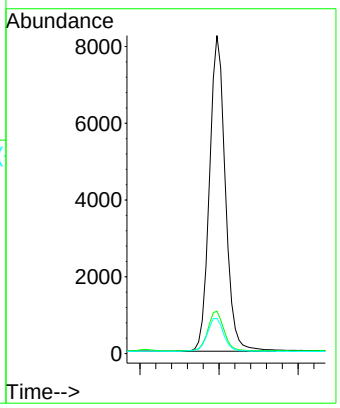


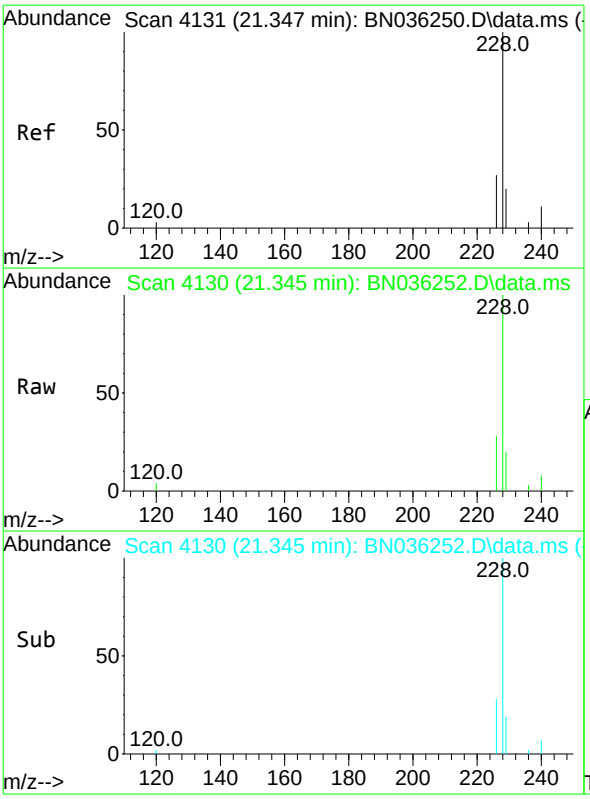


#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.597 min Scan# 3647
Delta R.T. 0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:202 Resp: 11461

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.3	13.9
100	11.0	7.5	11.3



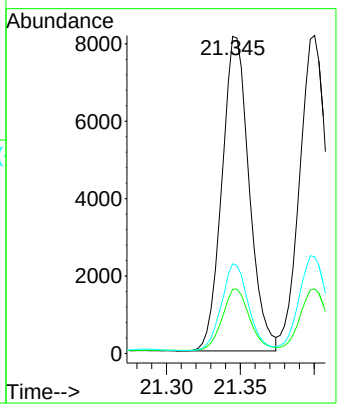


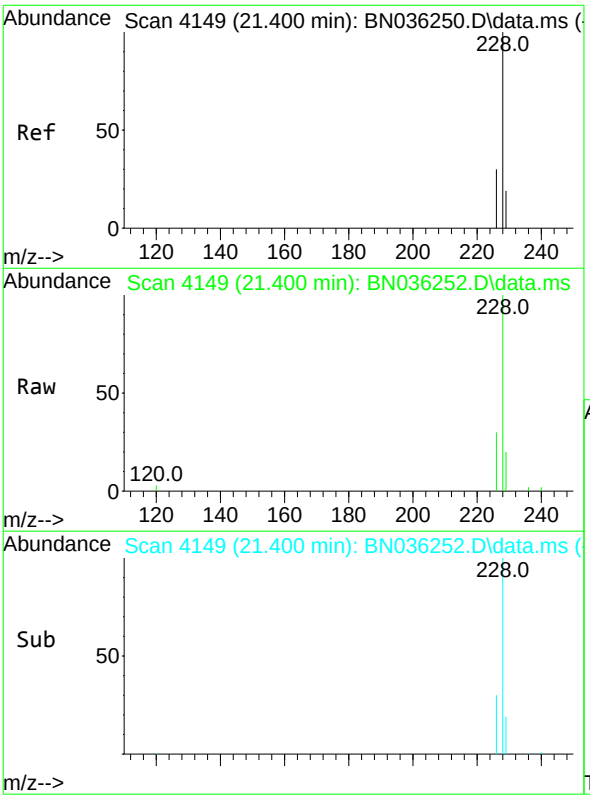
#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.345 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:228 Resp: 10427

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.3	22.8	34.2

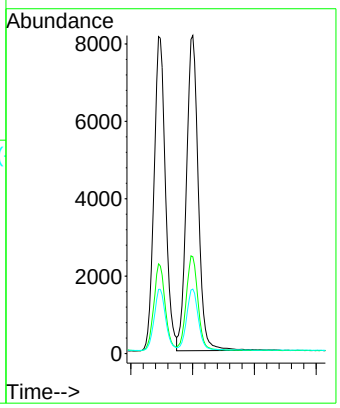


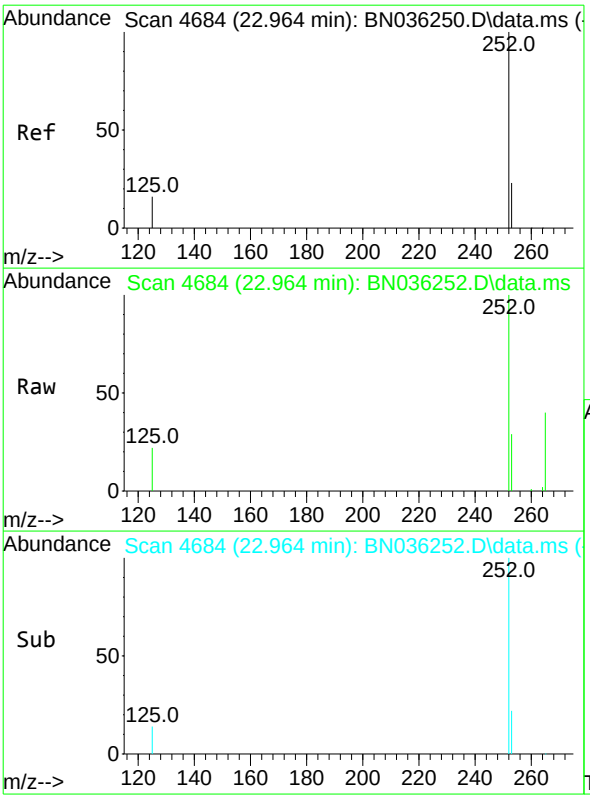


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.400 min Scan# 4149
Delta R.T. 0.002 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:228 Resp: 10851

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.3	15.9	23.9



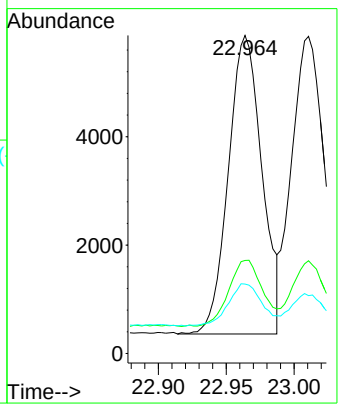


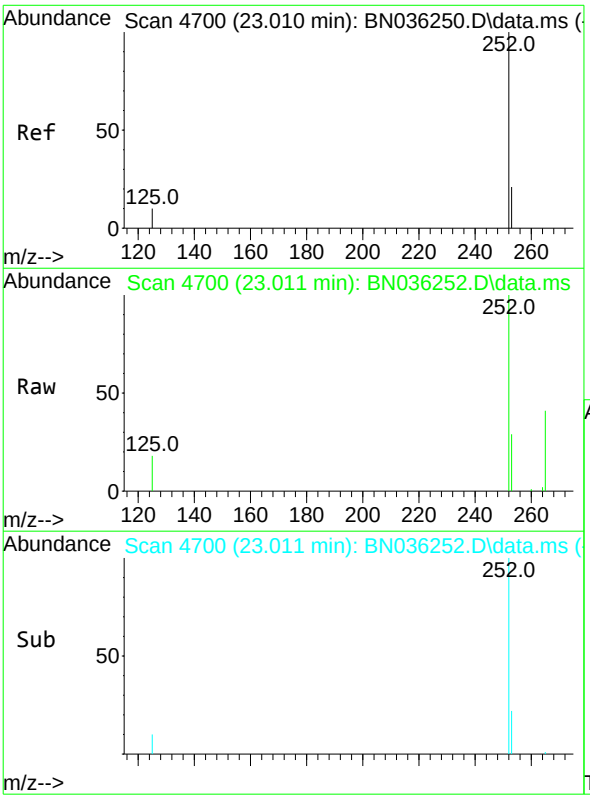
#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 22.964 min Scan# 46
Delta R.T. 0.002 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:252 Resp: 9495

Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	51.2
125	21.8	0.0	27.8

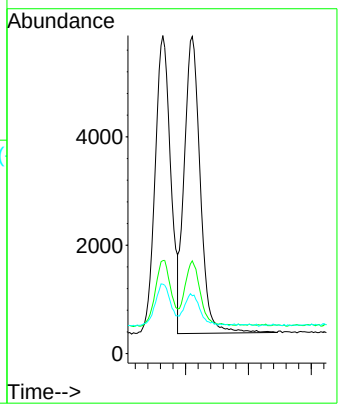


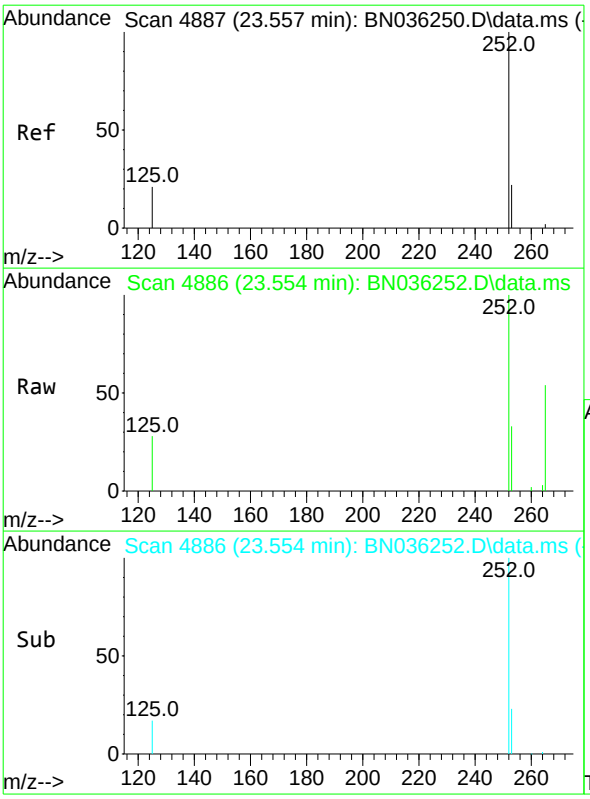


#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.011 min Scan# 4700
Delta R.T. 0.002 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:252 Resp: 9694

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.2	30.4
125	18.2	10.6	16.0#



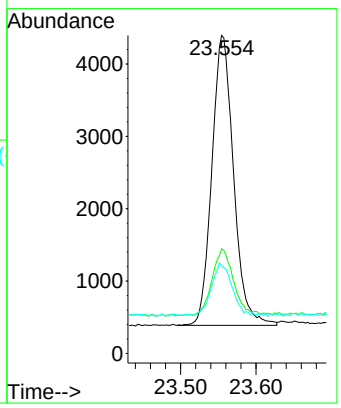


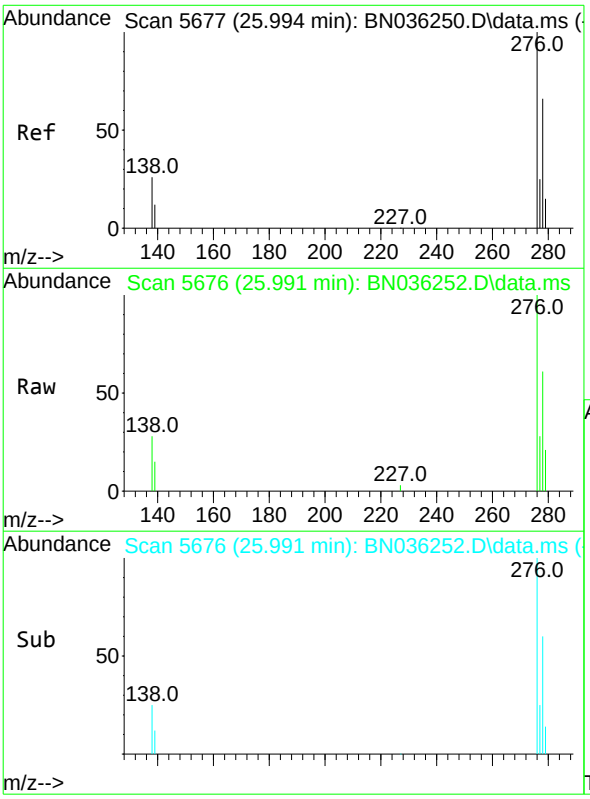
#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.554 min Scan# 48
Delta R.T. -0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:252 Resp: 8013

Ion	Ratio	Lower	Upper
252	100		
253	32.9	22.2	33.4
125	27.6	13.1	19.7#

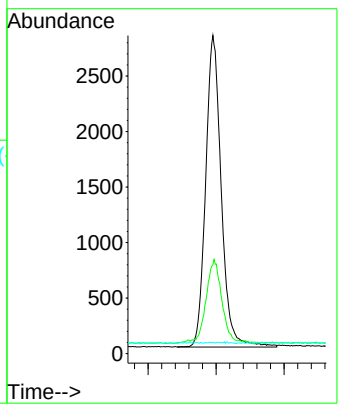


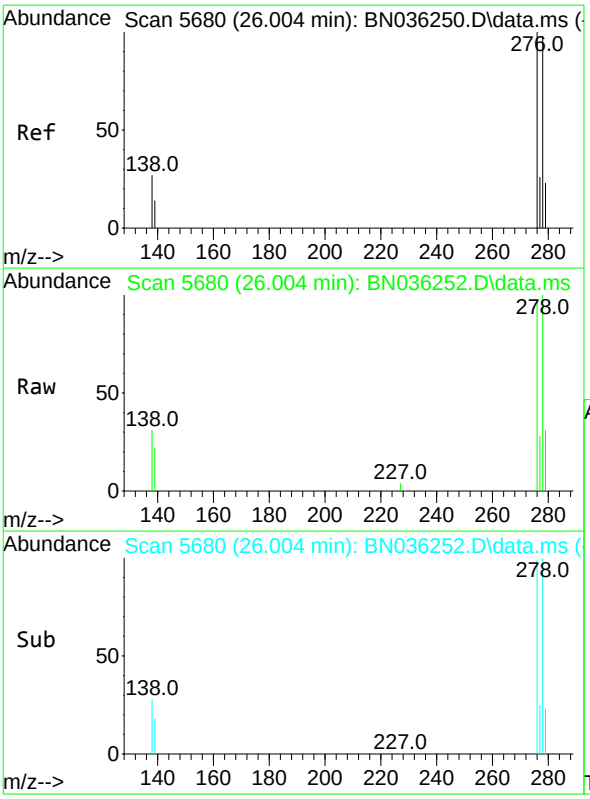


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 25.991 min Scan# 5676
Delta R.T. 0.003 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:276 Resp: 8929

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.2	30.4
227	0.1	0.1	0.1#



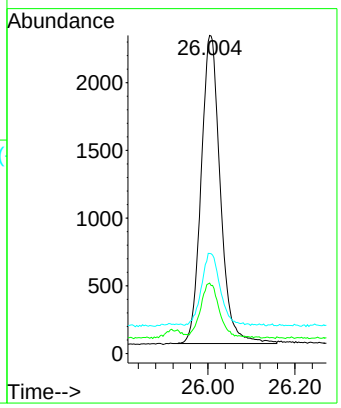


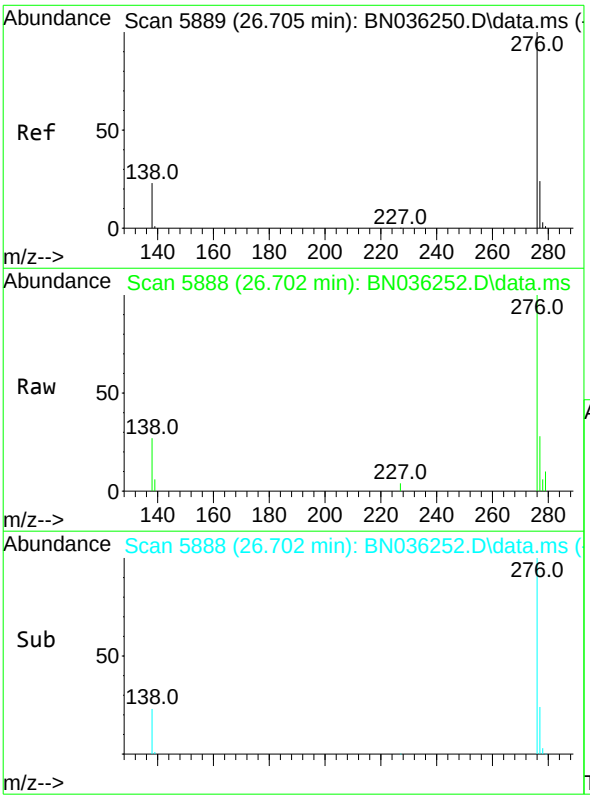
#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.004 min Scan# 56
Delta R.T. 0.006 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:278 Resp: 6948

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.4	23.2
279	31.5	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.312 ng/ul
RT: 26.702 min Scan# 5888
Delta R.T. -0.001 min
Lab File: BN036252.D
Acq: 04 Feb 2025 05:38

Tgt Ion:276 Resp: 6969

Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.4	29.0
277	27.6	21.1	31.7