Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035035.D
Acq On : 12 Nov 2024 14:38
Operator : RC/JU
Sample : PB164729BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS729

Quant Time: Nov 12 16:19:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	2947	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.323	136	7365	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.199	164	4959	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	11094	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	10892	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	11641	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	2139	0.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	5025	0.446	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	13064	0.467	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	4887	1.590	ng/ul#	91
5) Naphthalene	10.372	128	7083	0.384	ng/ul	99
7) 2-Methylnaphthalene	11.994	142	5053	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.220	142	5118	0.371	ng/ul	99
10) Acenaphthylene	13.912	152	7720	0.381	ng/ul	99
11) Acenaphthene	14.259	153	5831	0.380	ng/ul	99
12) Fluorene	15.249	166	6901	0.353	ng/ul	98
14) Pentachlorophenol	16.599	266	2073	0.808	ng/ul	97
15) Phenanthrene	16.983	178	11507	0.388	ng/ul	99
16) Anthracene	17.076	178	10851	0.389	ng/ul	99
19) Fluoranthene	19.005	202	14314	0.393	ng/ul#	95
20) Pyrene	19.367	202	15084	0.400	ng/ul#	95
21) Benzo(a)anthracene	21.125	228	15219	0.386	ng/ul	99
22) Chrysene	21.175	228	15462	0.384	ng/ul	99
24) Benzo(b)fluoranthene	22.659	252	16242	0.397	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	16442	0.384	ng/ul	99
26) Benzo(a)pyrene	23.209	252	14572	0.398	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.450	276	19764	0.442	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.470	278	15434	0.443	ng/ul	98
29) Benzo(g,h,i)perylene	26.104	276	15478	0.453	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035035.D
Acq On : 12 Nov 2024 14:38
Operator : RC/JU
Sample : PB164729BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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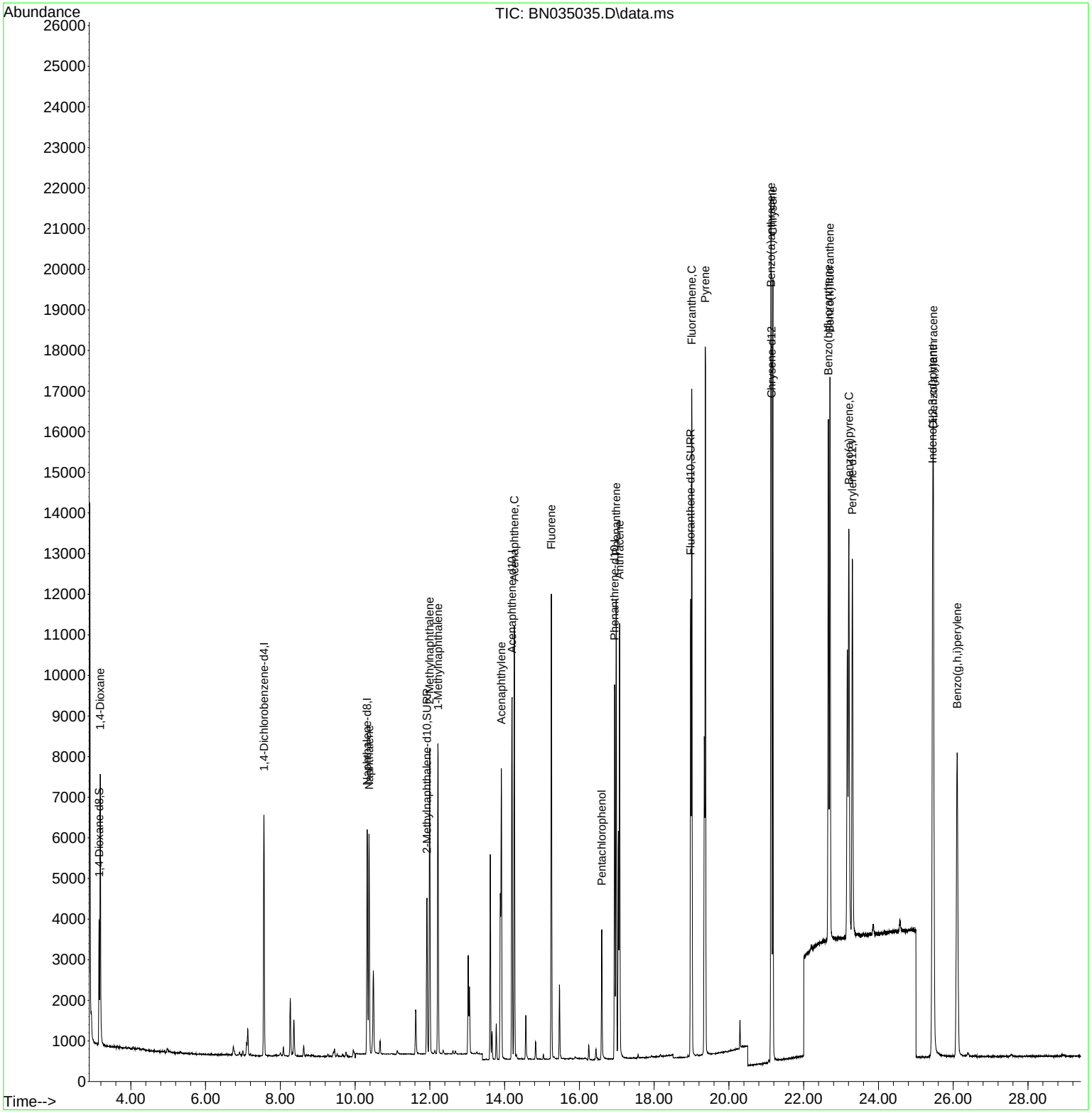
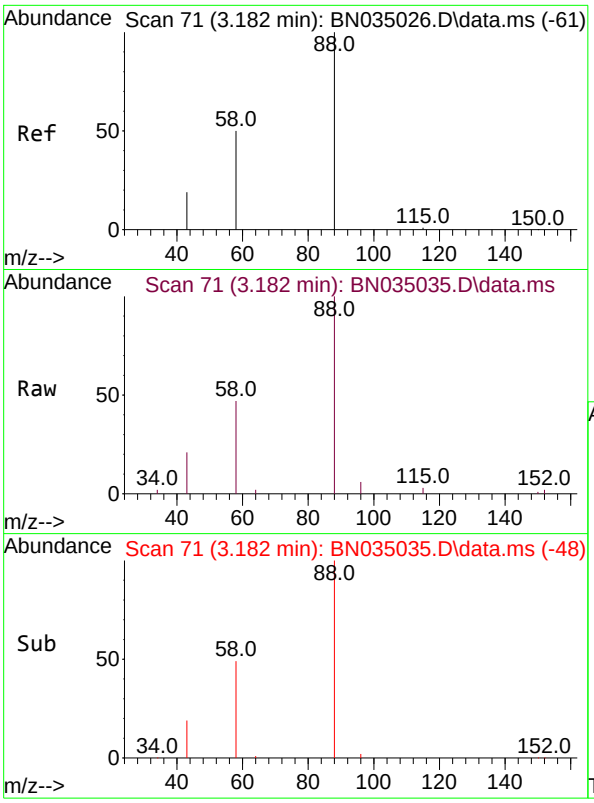
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration



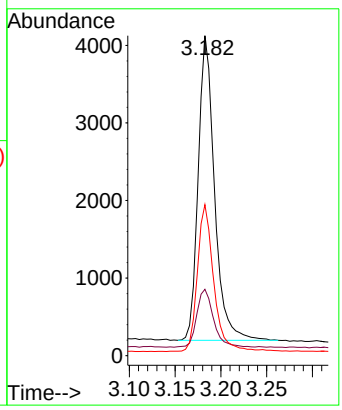


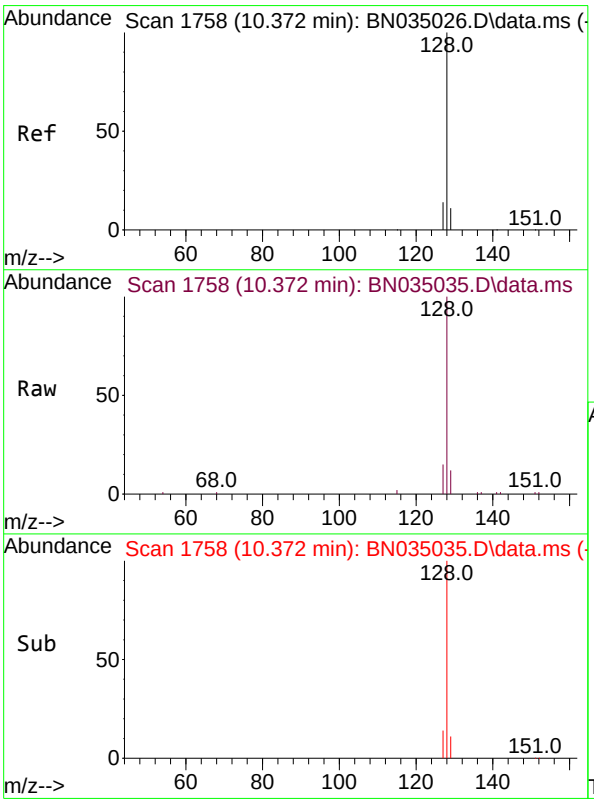
#2
1,4-Dioxane
Concen: 1.590 ng/ul
RT: 3.182 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion: 88 Resp: 4887

Ion	Ratio	Lower	Upper
88	100		
43	20.7	23.3	34.9#
58	47.2	35.4	53.2

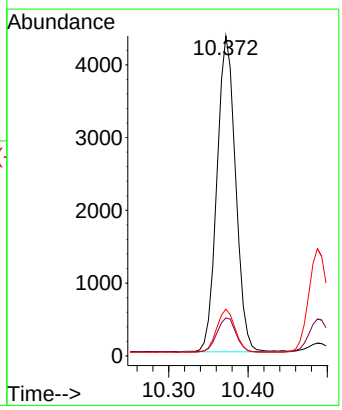


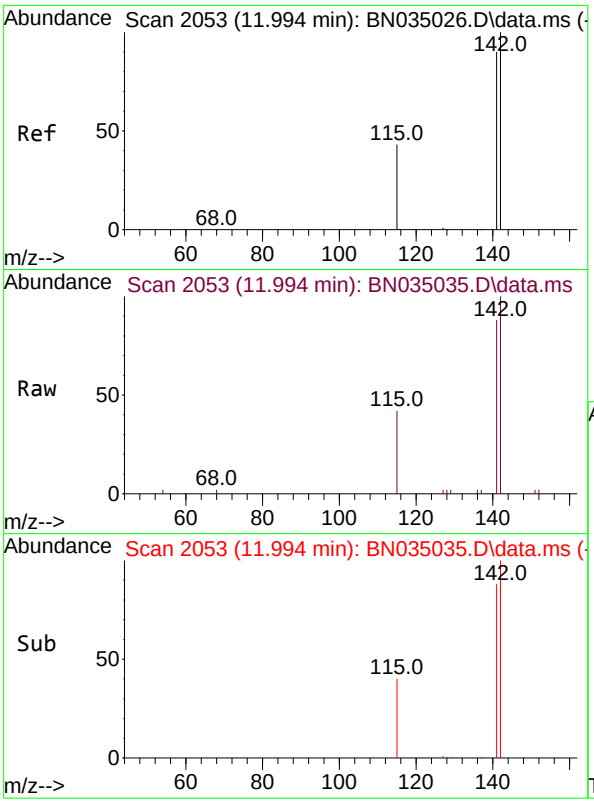


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.372 min Scan# 1758
Delta R.T. -0.016 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:128 Resp: 7083

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.1	15.1
127	14.6	12.1	18.1



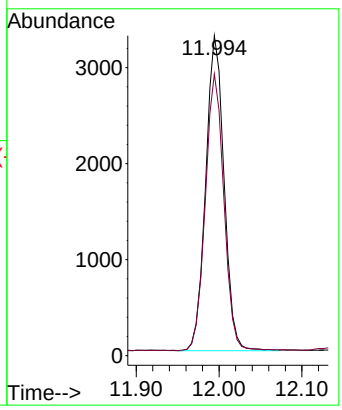


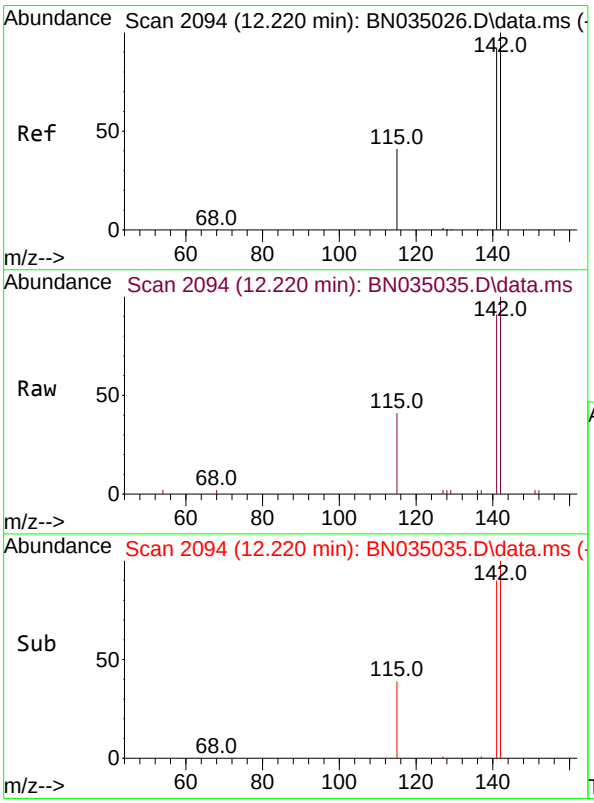
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 11.994 min Scan# 2
Delta R.T. -0.016 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:142 Resp: 5053

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2

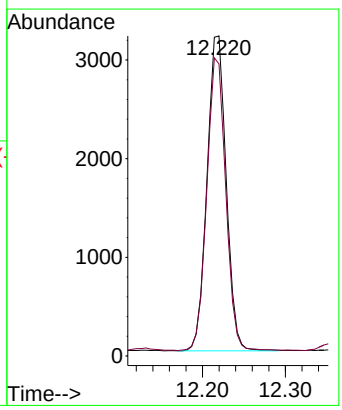


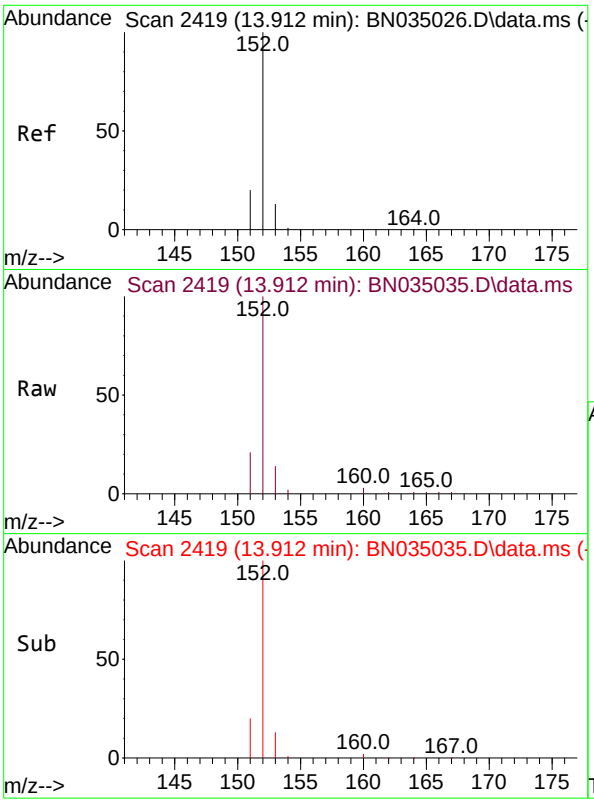


#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:142 Resp: 5118

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.6	111.8



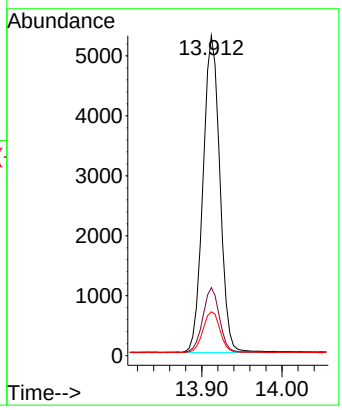


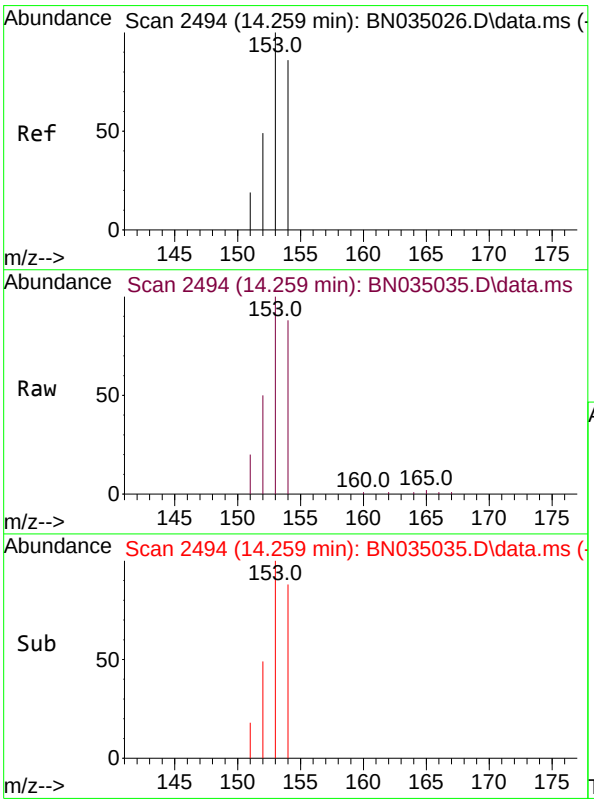
#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 13.912 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:152 Resp: 7720

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	24.8
153	13.7	11.0	16.6

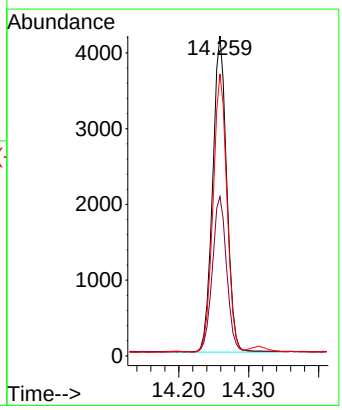


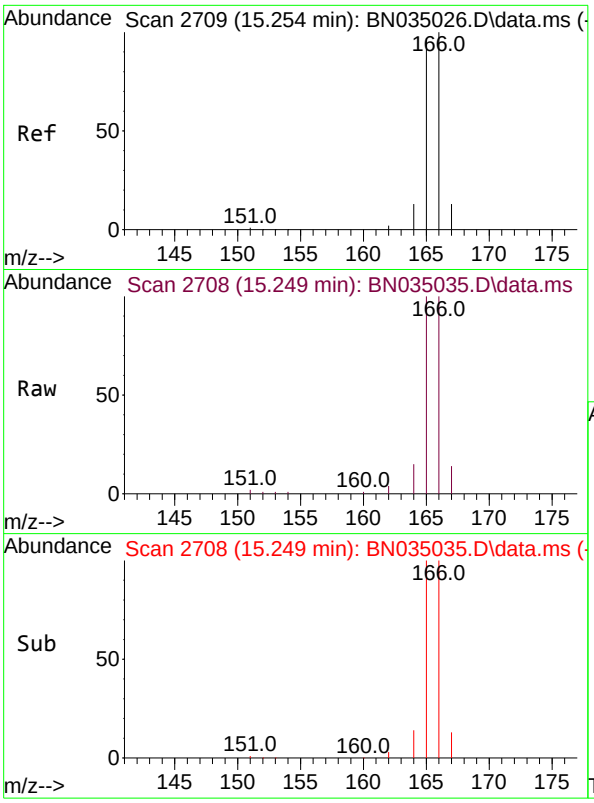


#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.259 min Scan# 2494
Delta R.T. -0.014 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:153 Resp: 5831

Ion	Ratio	Lower	Upper
153	100		
152	49.8	41.5	62.3
154	88.2	70.9	106.3



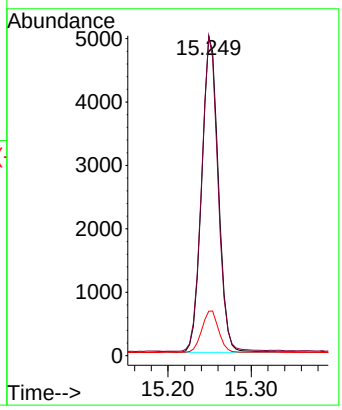


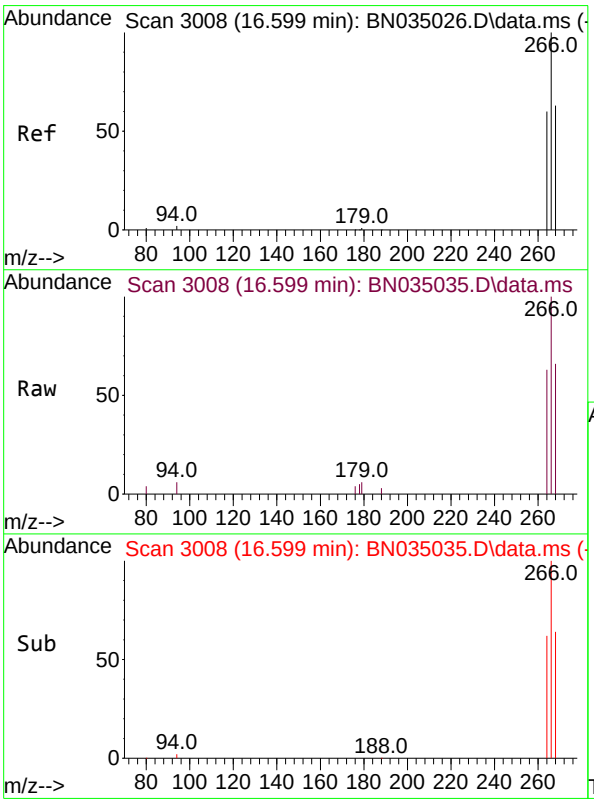
#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.249 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:166 Resp: 6901

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.4
167	14.0	11.8	17.6

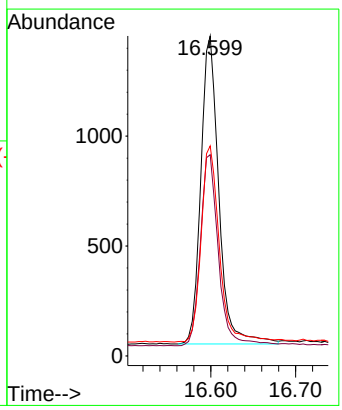


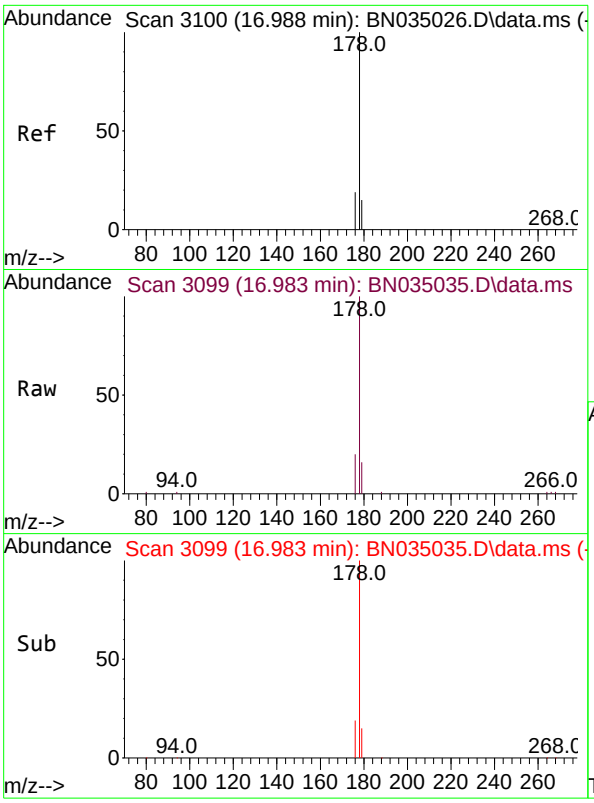


#14
Pentachlorophenol
Concen: 0.808 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. -0.008 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:266 Resp: 2073

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.2	75.2
268	64.2	48.4	72.6



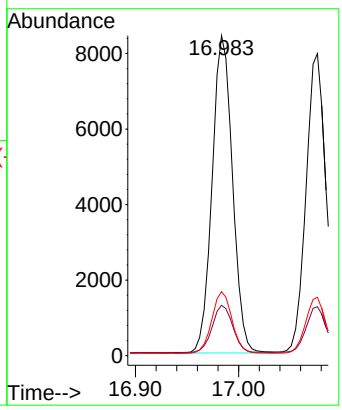


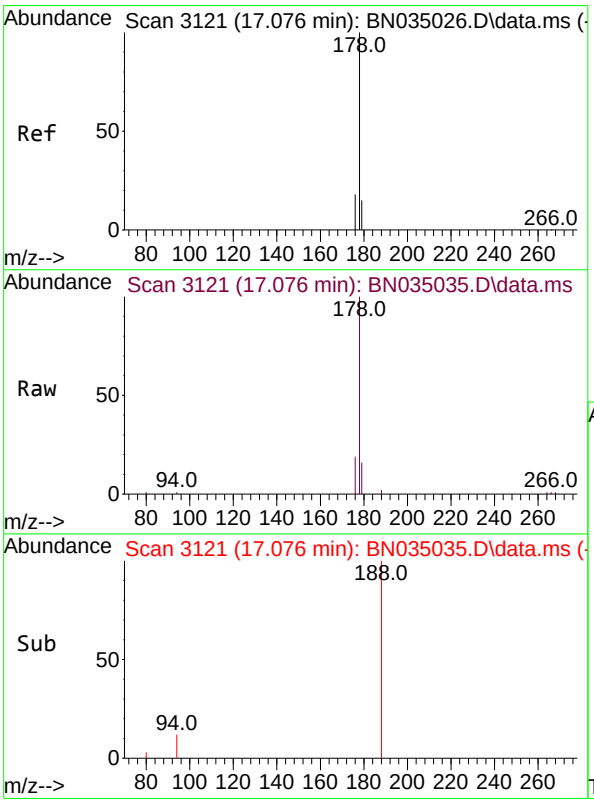
#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 16.983 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:178 Resp: 11507

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	20.0	15.8	23.6

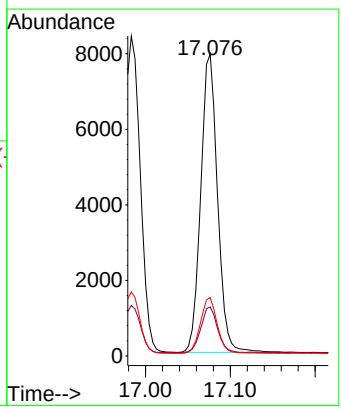


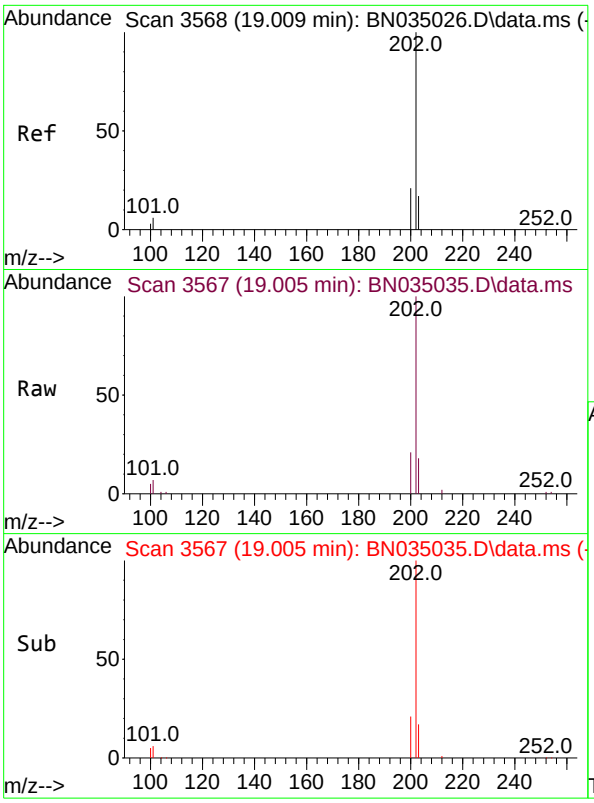


#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:178 Resp: 10851

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.3	19.9
176	19.3	15.8	23.8



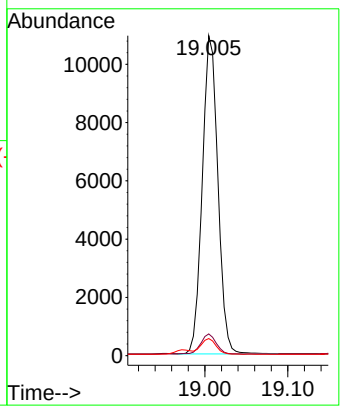


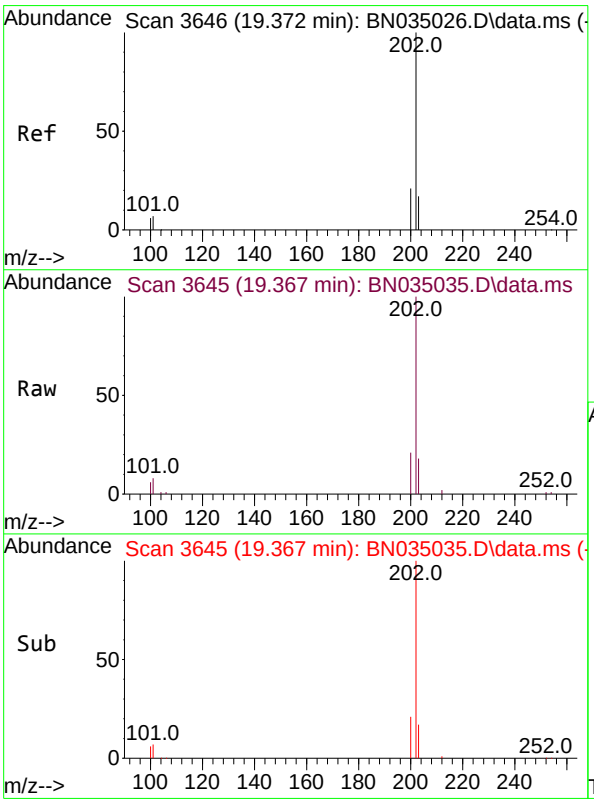
#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.005 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:202 Resp: 14314

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.2	6.2#
100	5.4	3.2	4.8#

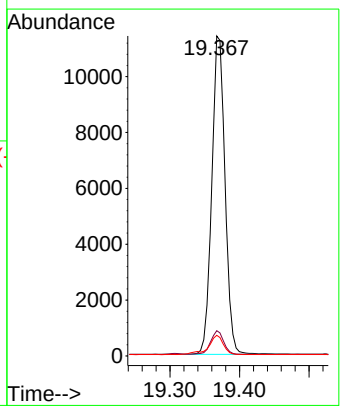


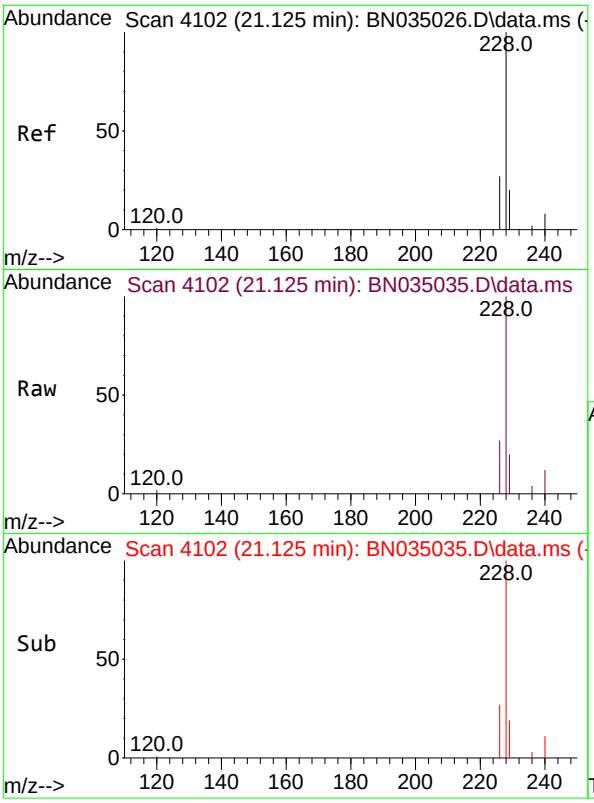


#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.014 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:202 Resp: 15084

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.0	7.4#
100	6.5	4.1	6.1#



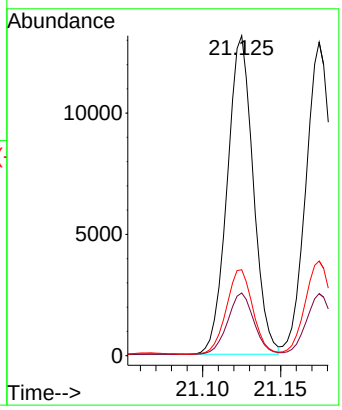


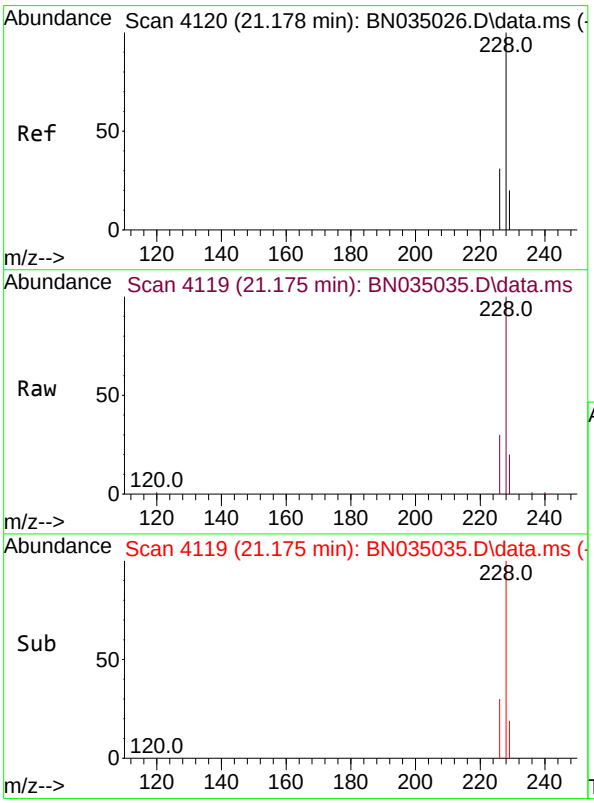
#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.125 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:228 Resp: 15219

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	26.9	22.2	33.2

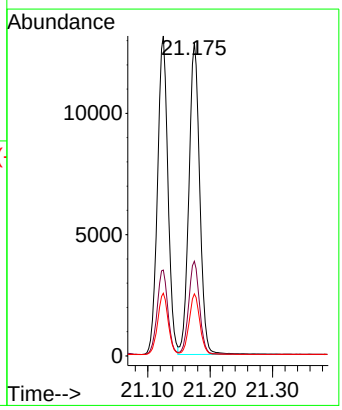


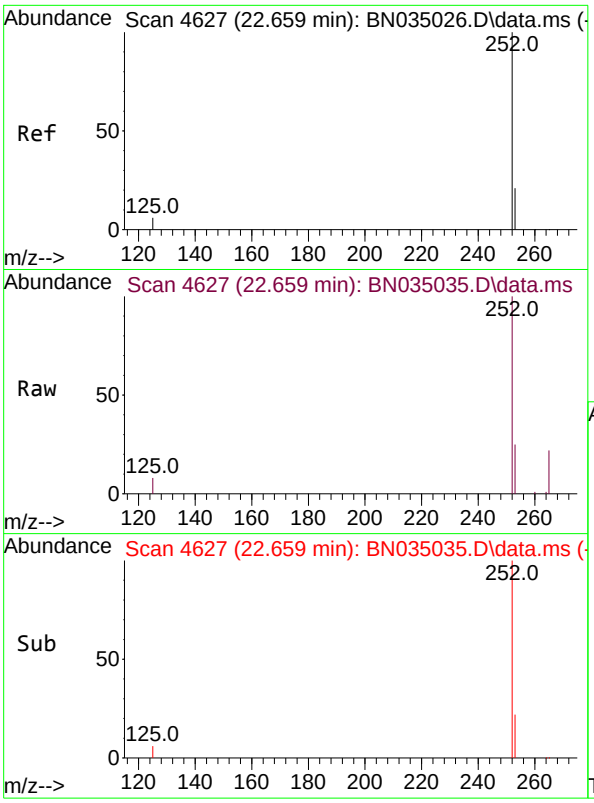


#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.175 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:228 Resp: 15462

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	19.8	15.4	23.2



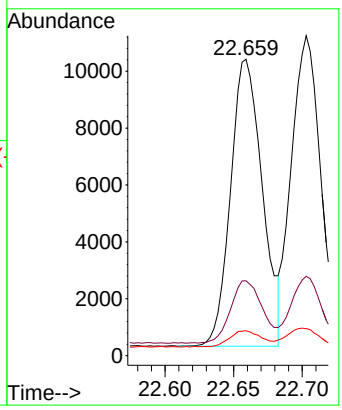


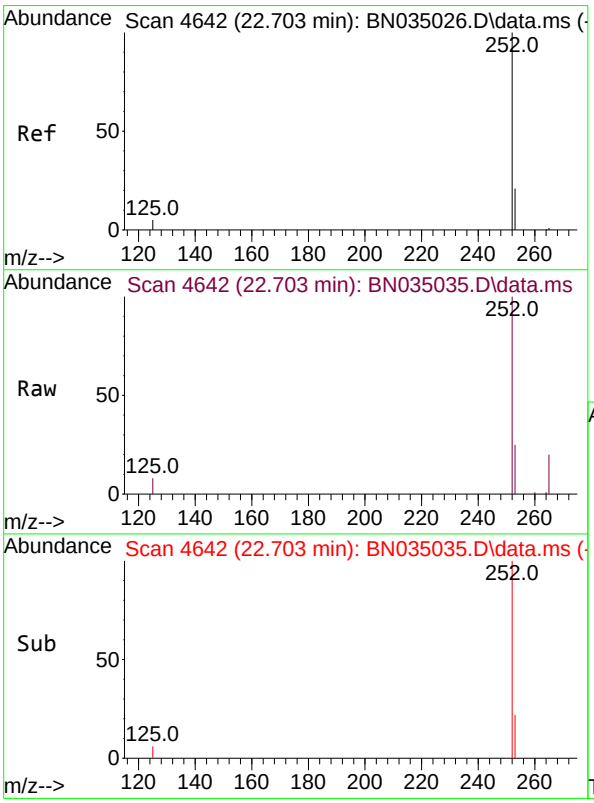
#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 22.659 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:252 Resp: 16242

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	50.0
125	8.4	0.0	14.0

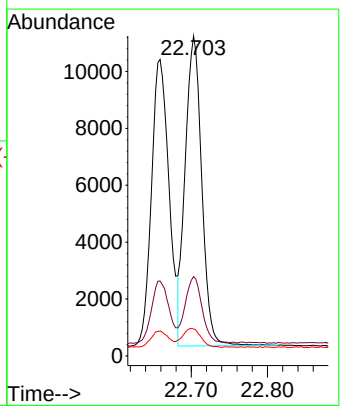


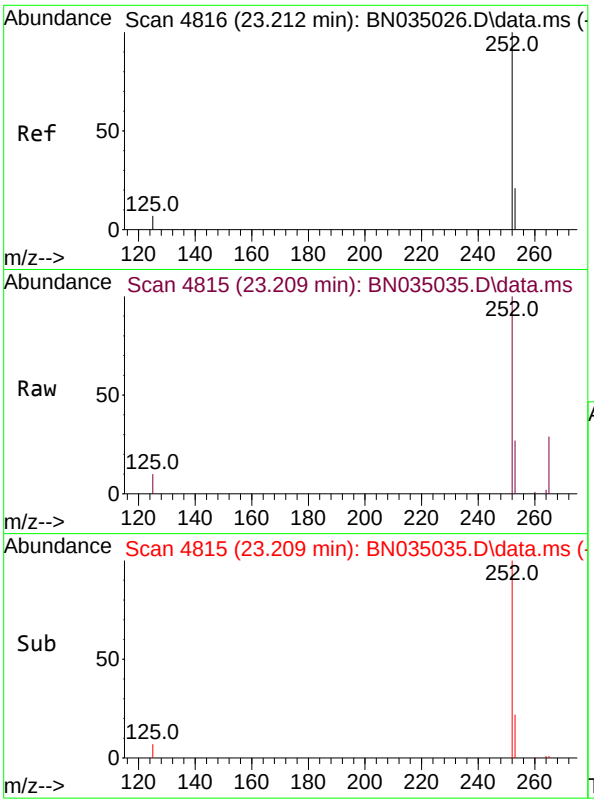


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:252 Resp: 16442

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.4
125	8.4	5.8	8.8



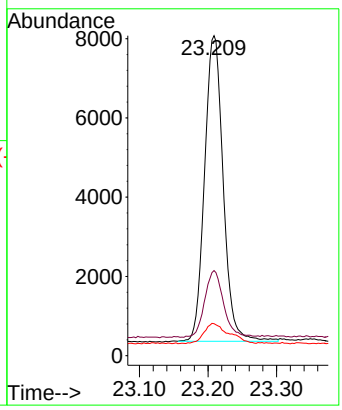


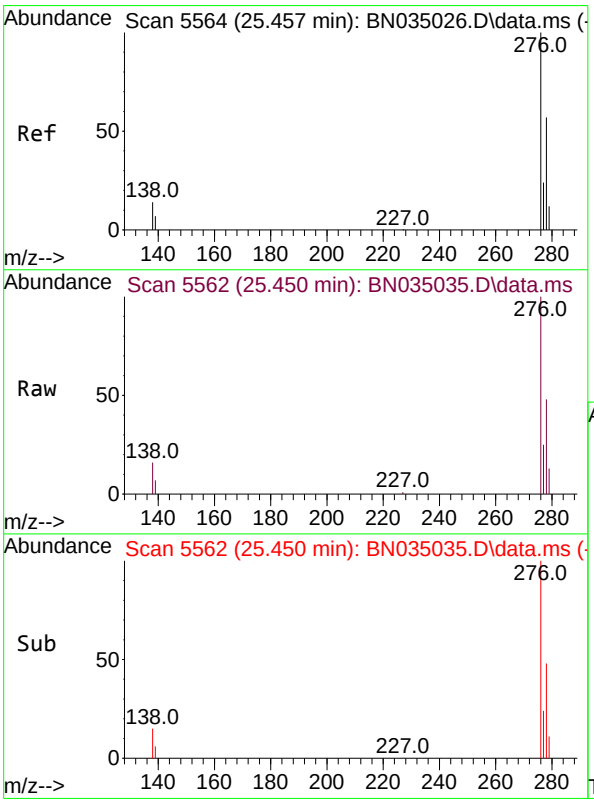
#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.209 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:252 Resp: 14572

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.2	31.8
125	10.0	6.3	9.5#

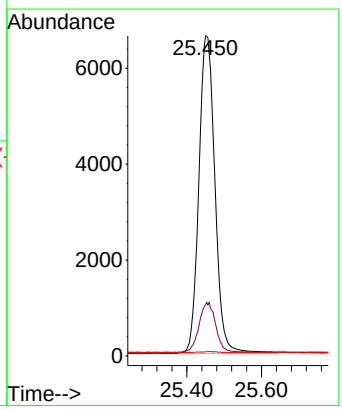


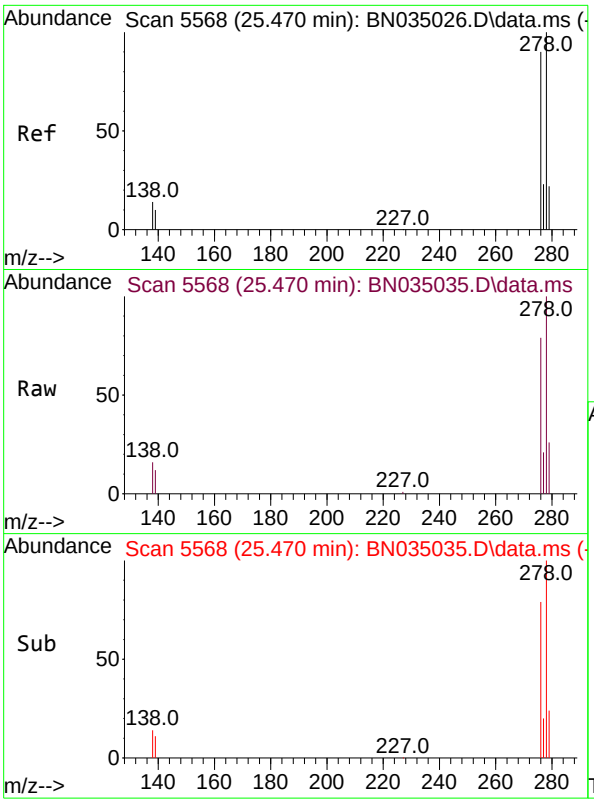


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.442 ng/ul
RT: 25.450 min Scan# 5562
Delta R.T. -0.020 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:276 Resp: 19764

Ion	Ratio	Lower	Upper
276	100		
138	16.3	10.8	16.2#
227	0.4	0.2	0.4#



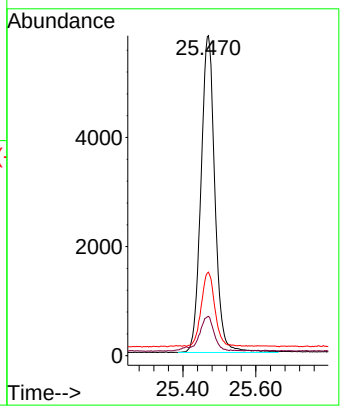


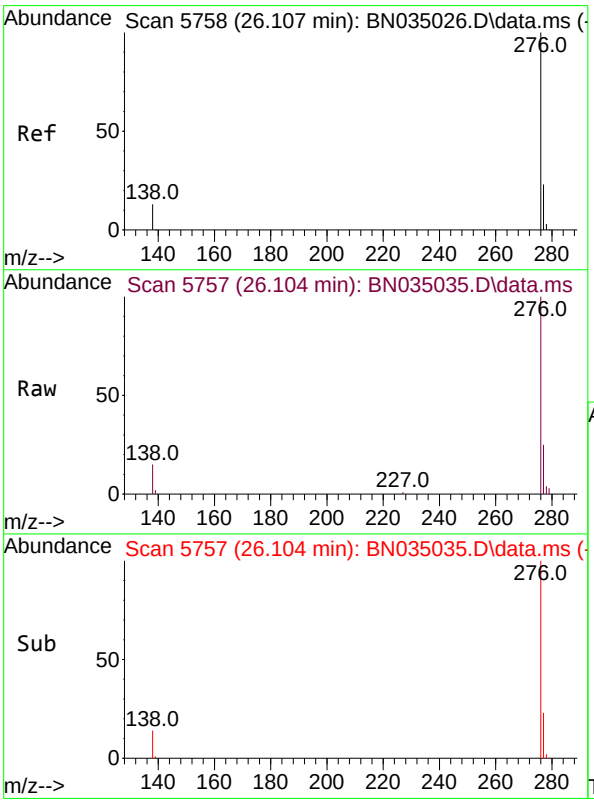
#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 25.470 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SLCS729

Tgt Ion:278 Resp: 15434

Ion	Ratio	Lower	Upper
278	100		
139	12.3	8.4	12.6
279	26.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 26.104 min Scan# 5757
Delta R.T. -0.023 min
Lab File: BN035035.D
Acq: 12 Nov 2024 14:38

Tgt Ion:276 Resp: 15478

Ion	Ratio	Lower	Upper
276	100		
138	15.0	10.3	15.5
277	24.7	20.2	30.2