Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
Data File : BN035113.D
Acq On : 15 Nov 2024 19:24
Operator : RC/JU
Sample : PB164839BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS839

Quant Time: Nov 15 22:27:15 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 : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2963	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	7595	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.185	164	6103	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	14932	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	12108	0.400	ng/ul	0.00
23) Perylene-d12	23.299	264	10240	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2180	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	5495	0.472	ng/ul	0.00
18) Fluoranthene-d10	18.972	212	17086	0.550	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	5810	1.880	ng/ul#	91
5) Naphthalene	10.361	128	7902	0.416	ng/ul	97
7) 2-Methylnaphthalene	11.983	142	5894	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	6917	0.486	ng/ul	99
10) Acenaphthylene	13.903	152	9825	0.394	ng/ul	99
11) Acenaphthene	14.249	153	7545	0.399	ng/ul	99
12) Fluorene	15.240	166	9393	0.391	ng/ul	99
14) Pentachlorophenol	16.591	266	2685	0.778	ng/ul	98
15) Phenanthrene	16.975	178	16210	0.406	ng/ul	99
16) Anthracene	17.068	178	14881	0.397	ng/ul	99
19) Fluoranthene	19.000	202	19587	0.484	ng/ul#	95
20) Pyrene	19.362	202	20265	0.483	ng/ul#	95
21) Benzo(a)anthracene	21.119	228	17639	0.402	ng/ul	99
22) Chrysene	21.172	228	17898	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.656	252	15304	0.425	ng/ul	98
25) Benzo(k)fluoranthene	22.700	252	15996	0.424	ng/ul#	99
26) Benzo(a)pyrene	23.206	252	13391	0.416	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.446	276	15589	0.396	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.463	278	12138	0.396	ng/ul	98
29) Benzo(g,h,i)perylene	26.097	276	12184	0.405	ng/ul#	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
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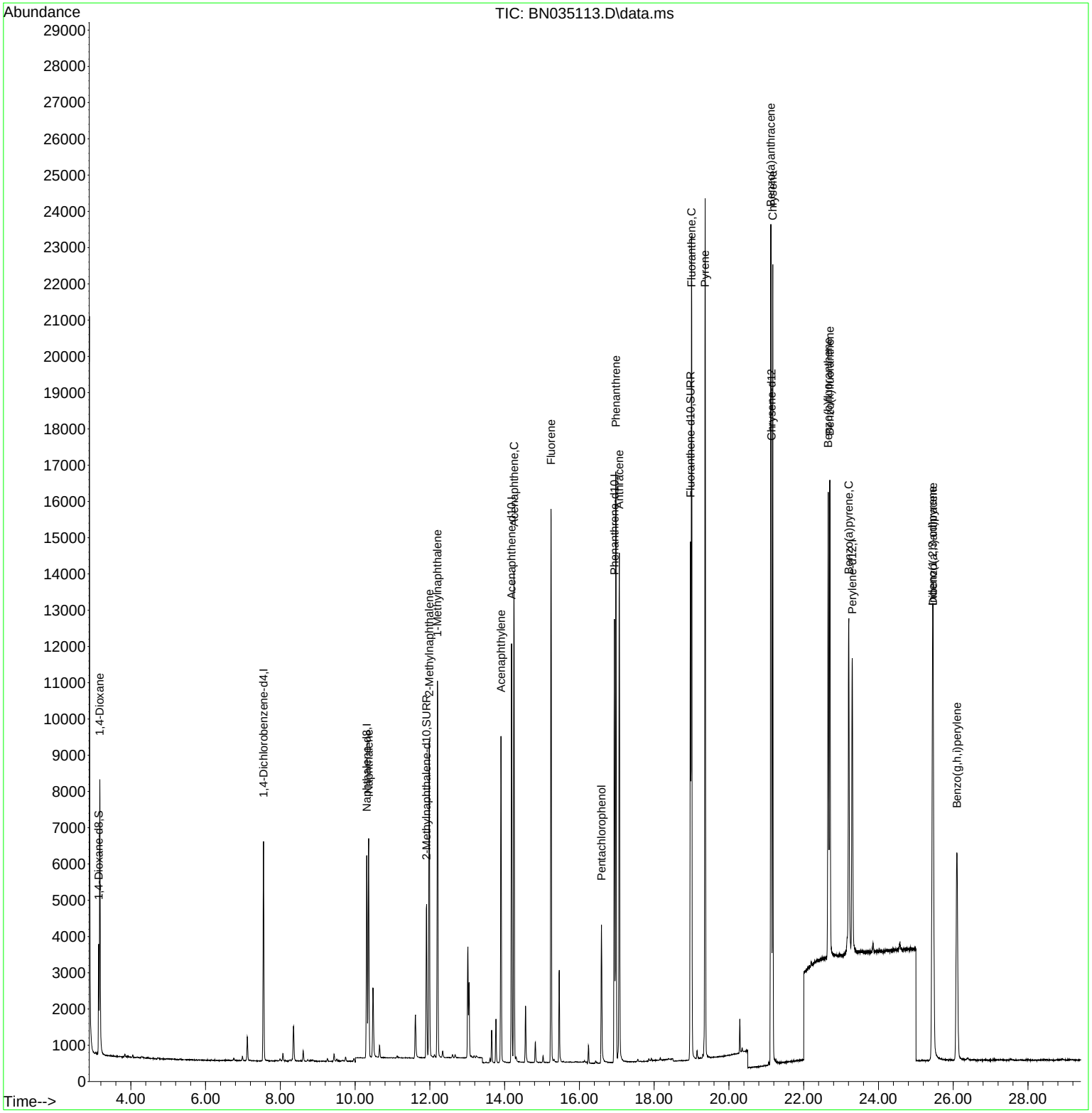
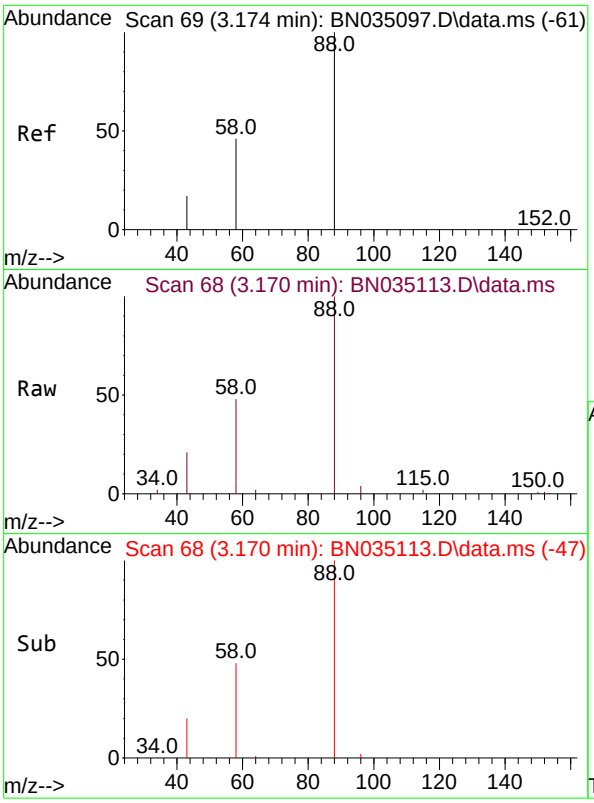


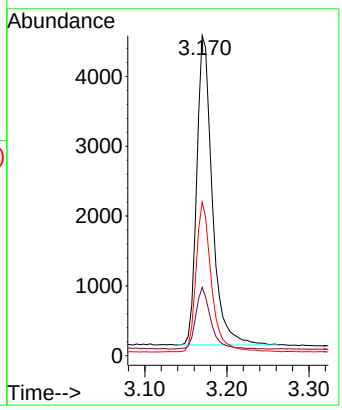


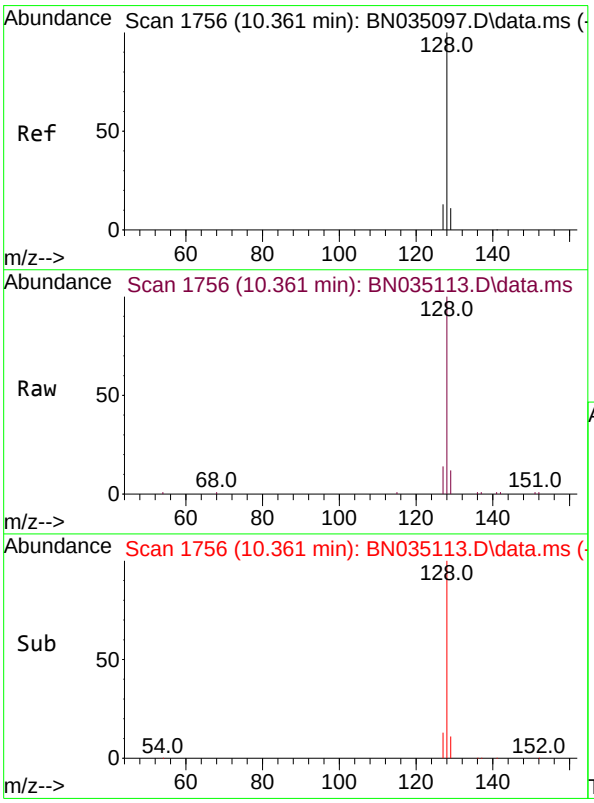
#2
1,4-Dioxane
Concen: 1.880 ng/ul
RT: 3.170 min Scan# 6
Delta R.T. -0.013 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion: 88 Resp: 5810

Ion	Ratio	Lower	Upper
88	100		
43	21.4	23.3	34.9#
58	47.9	35.4	53.2

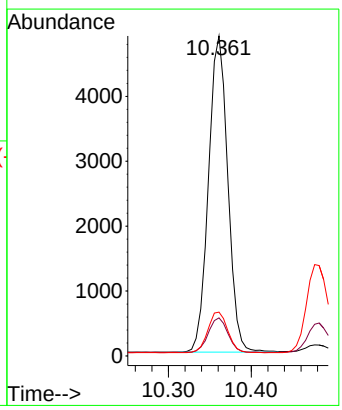


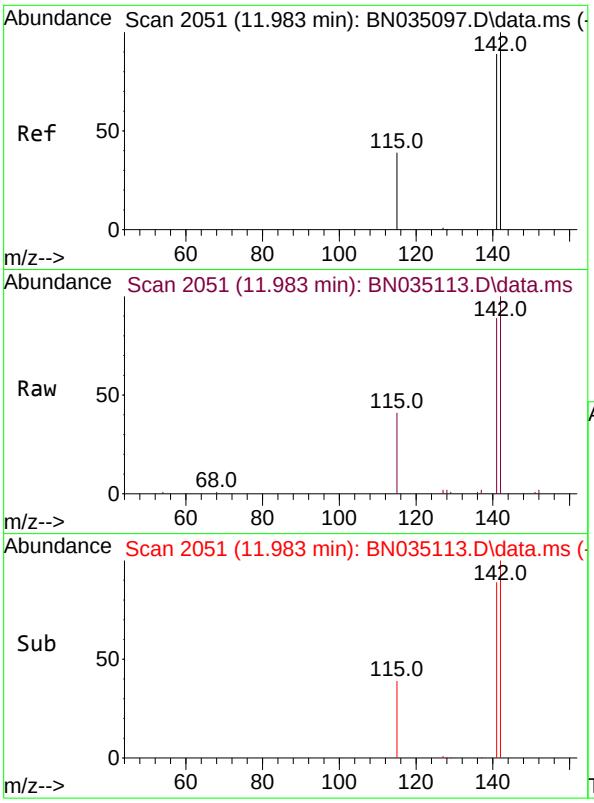


#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:128 Resp: 7902

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.1	15.1
127	13.7	12.1	18.1



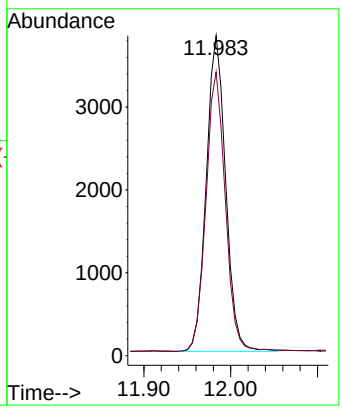


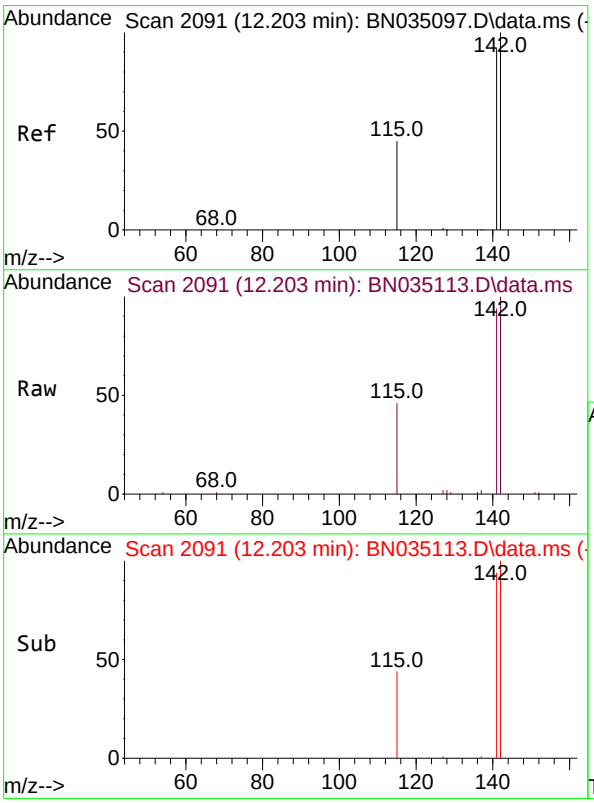
#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 11.983 min Scan# 2(
Delta R.T. -0.011 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:142 Resp: 5894

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2

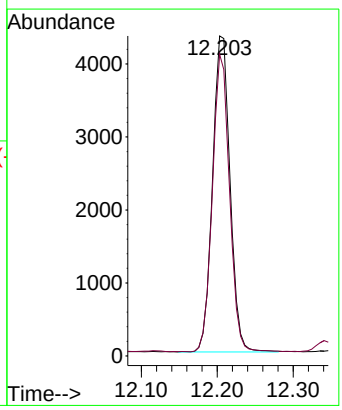


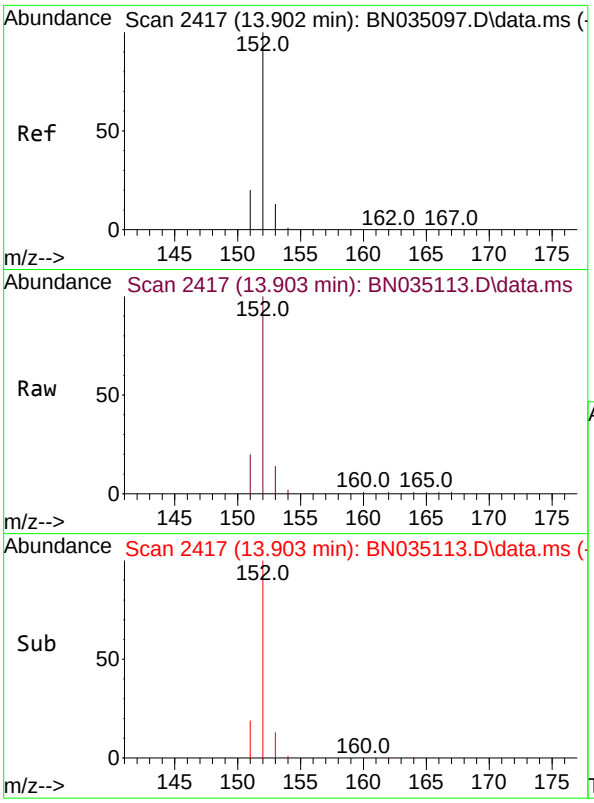


#8
1-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:142 Resp: 6917

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.6	111.8



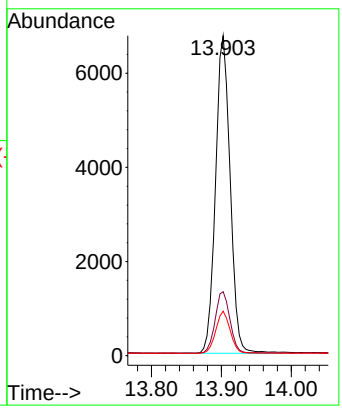


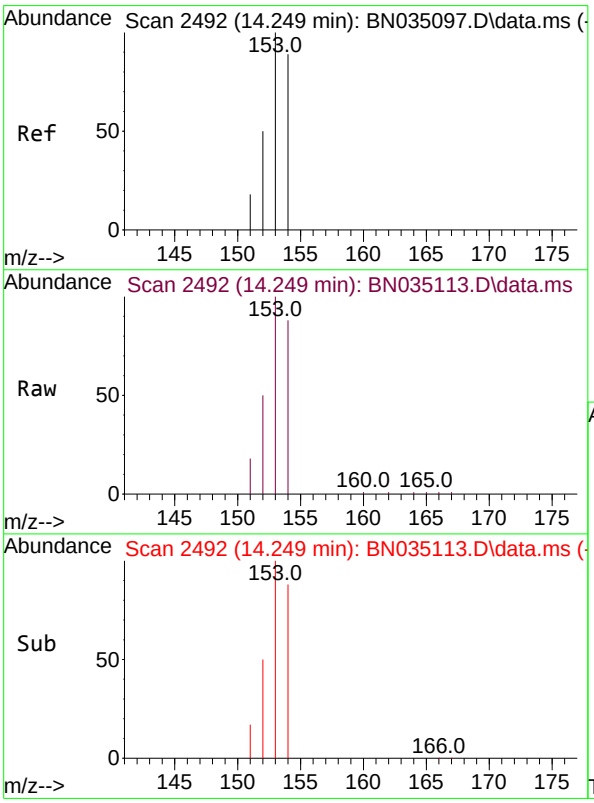
#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.903 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:152 Resp: 9825

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	13.9	11.0	16.6

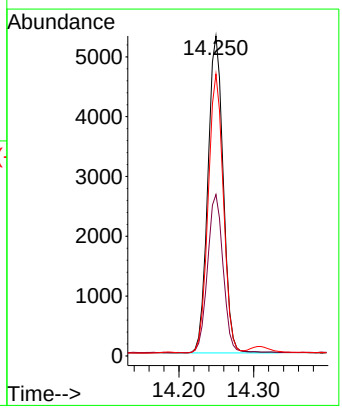


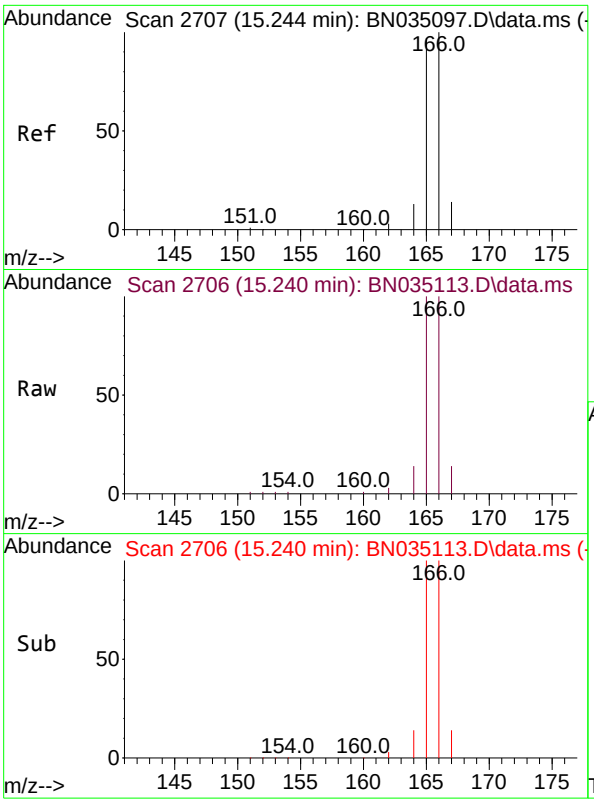


#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:153 Resp: 7545

Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.5	62.3
154	88.1	70.9	106.3



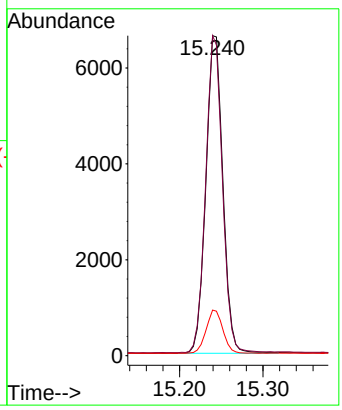


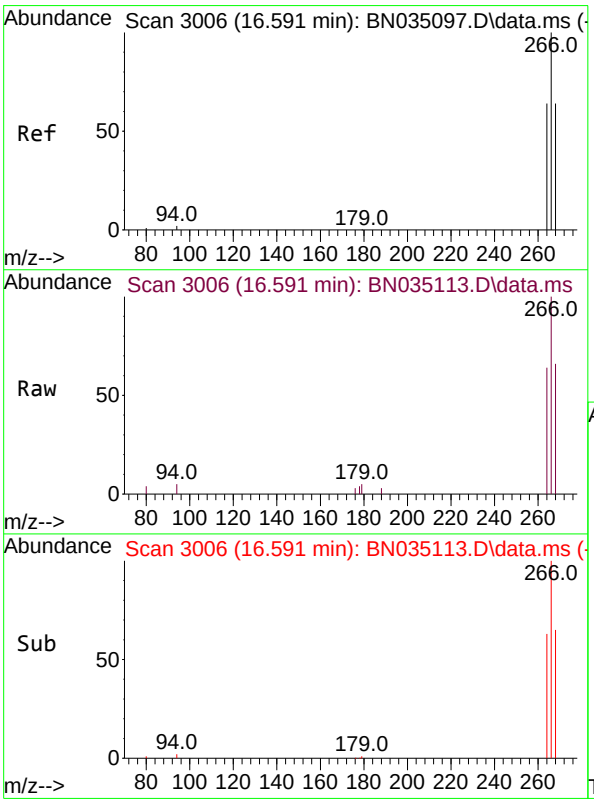
#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.240 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:166 Resp: 9393

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.4
167	14.2	11.8	17.6

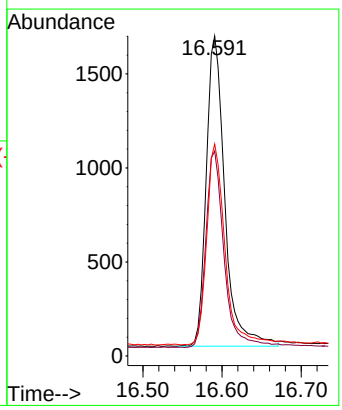


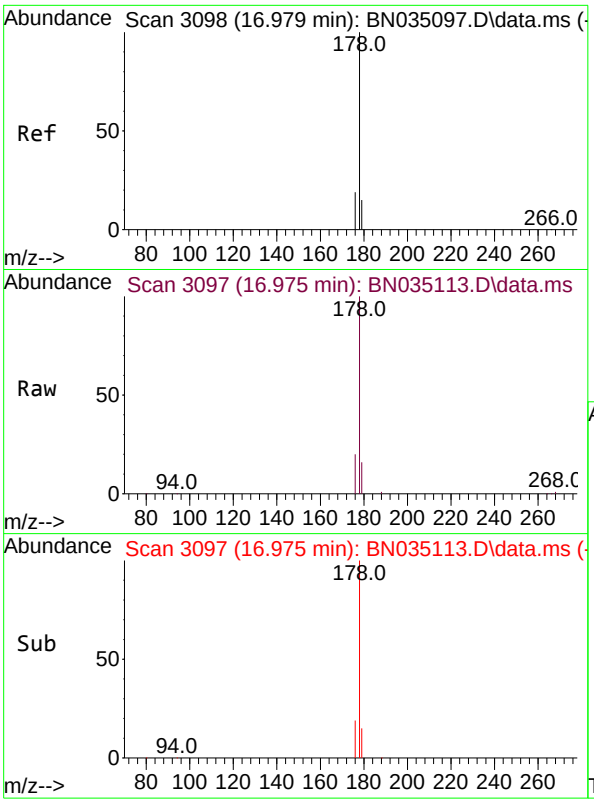


#14
Pentachlorophenol
Concen: 0.778 ng/ul
RT: 16.591 min Scan# 3006
Delta R.T. -0.004 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:266 Resp: 2685

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.2	75.2
268	63.7	48.4	72.6



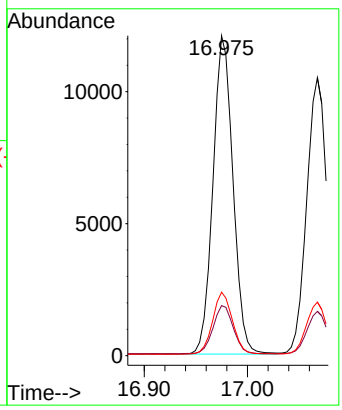


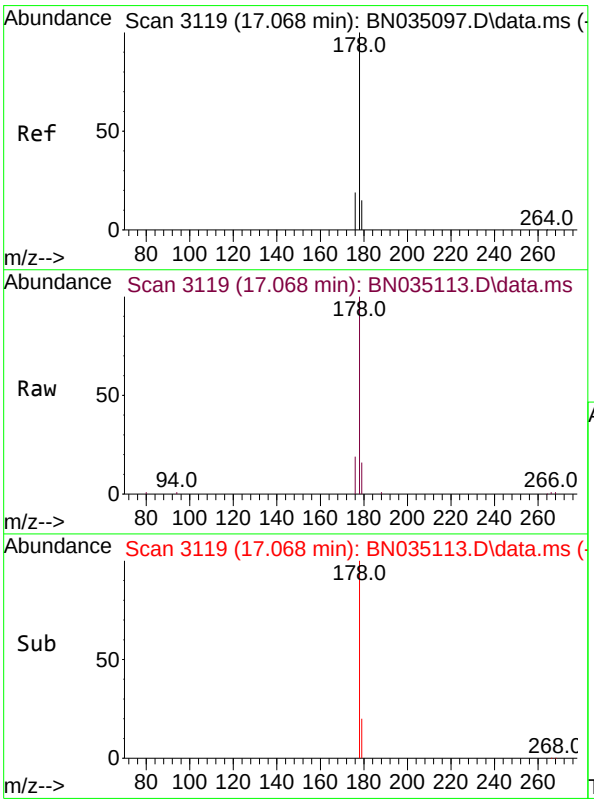
#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 16.975 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:178 Resp: 16210

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.8	15.8	23.6

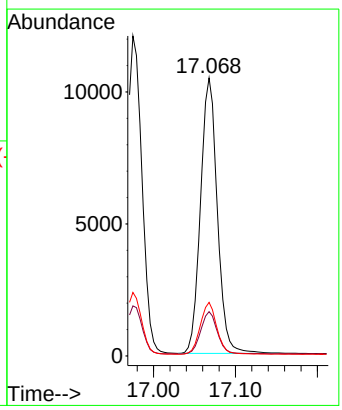


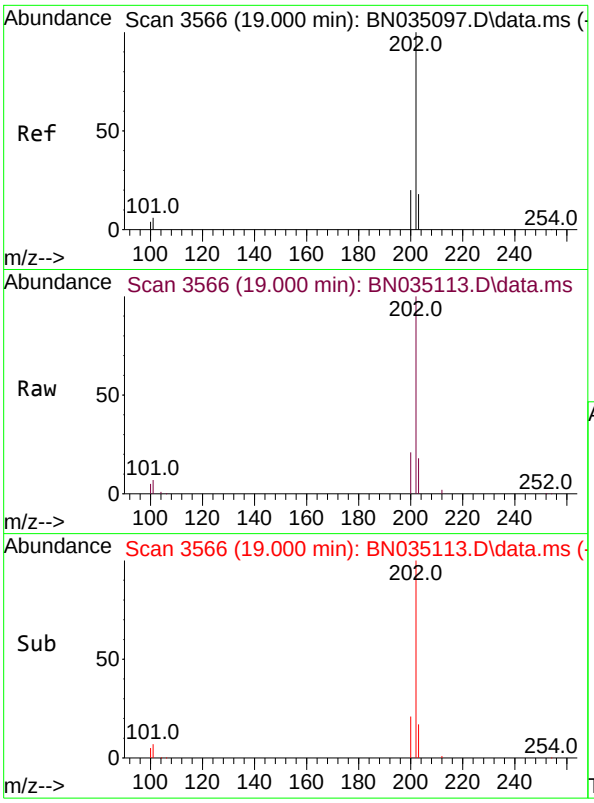


#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:178 Resp: 14881

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.3	19.9
176	19.3	15.8	23.8



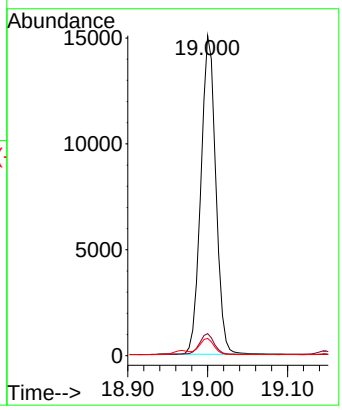


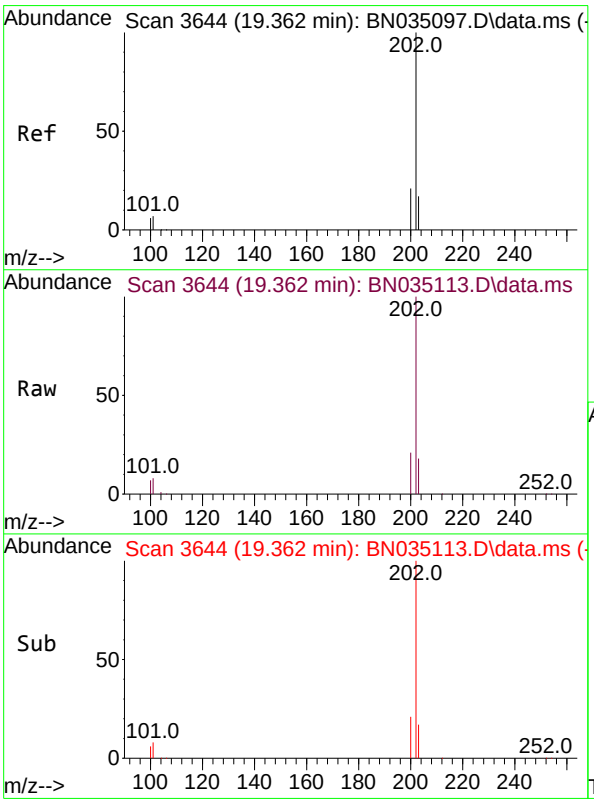
#19
Fluoranthene
Concen: 0.484 ng/ul
RT: 19.000 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:202 Resp: 19587

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.2	6.2#
100	5.4	3.2	4.8#

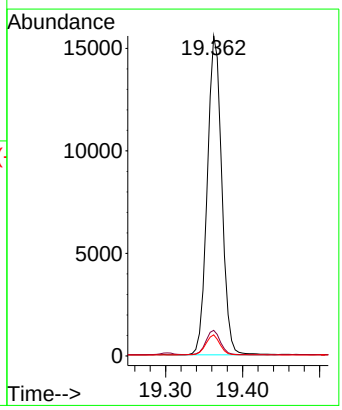


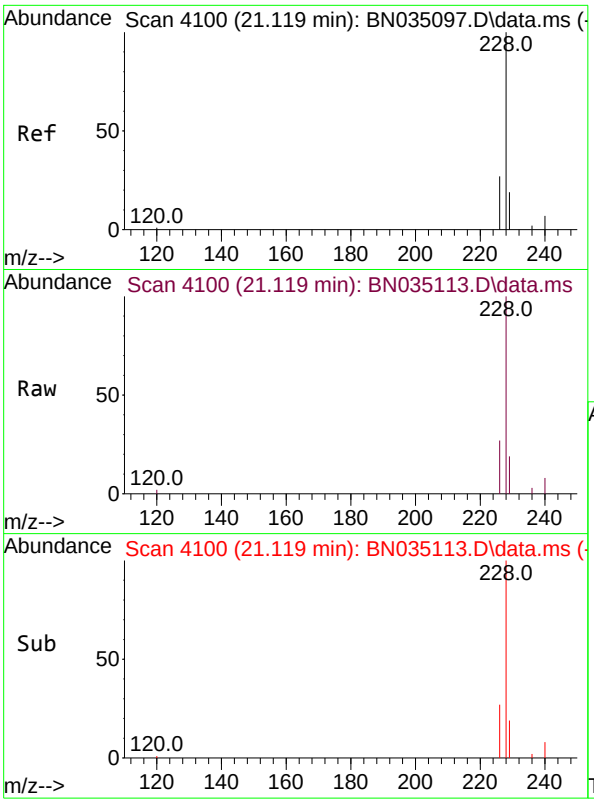


#20
Pyrene
Concen: 0.483 ng/ul
RT: 19.362 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:202 Resp: 20265

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.0	7.4#
100	6.6	4.1	6.1#



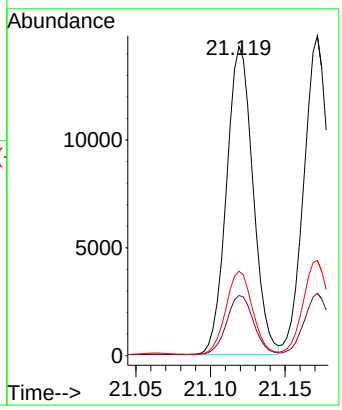


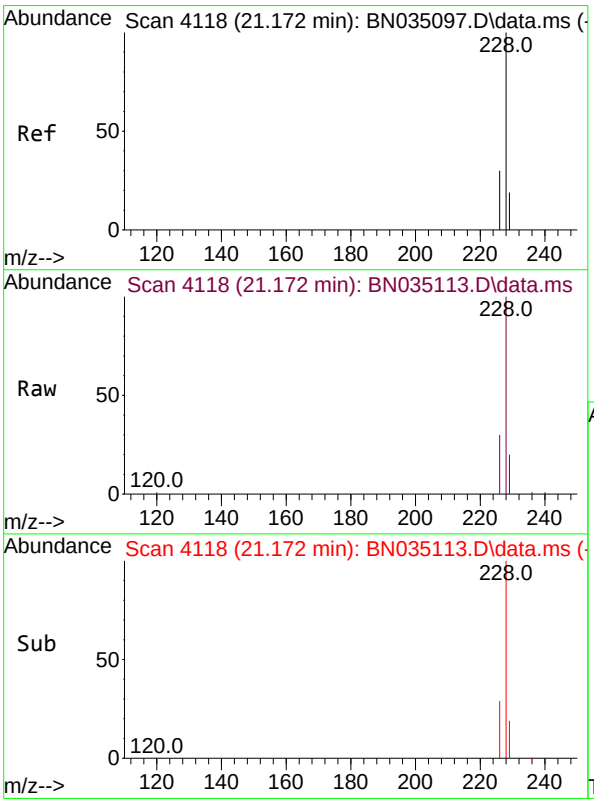
#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.119 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:228 Resp: 17639

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.3	22.2	33.2

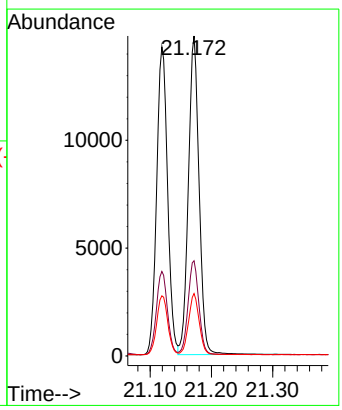


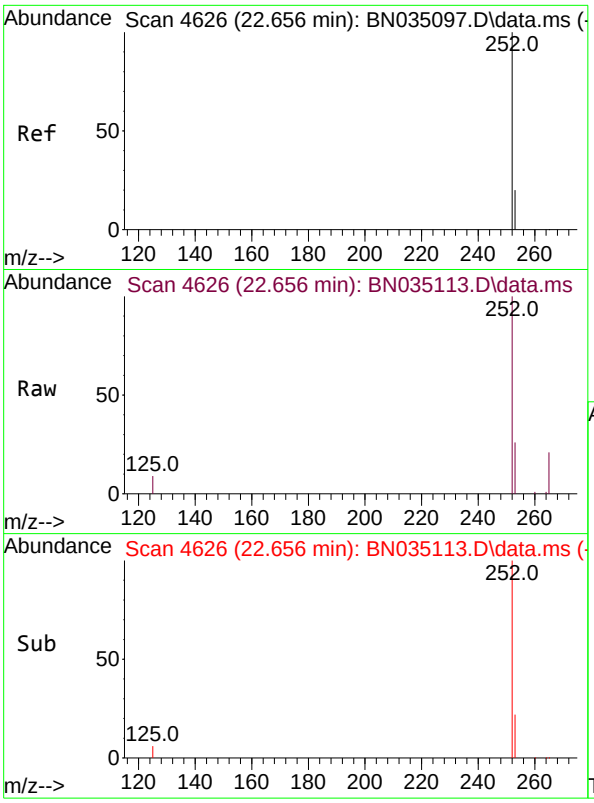


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:228 Resp: 17898

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.5	15.4	23.2



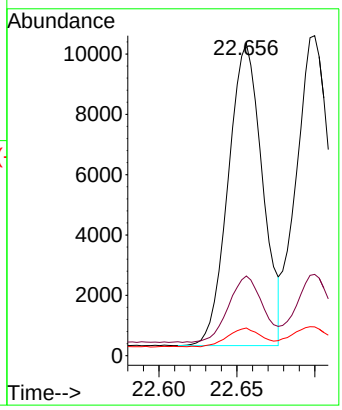


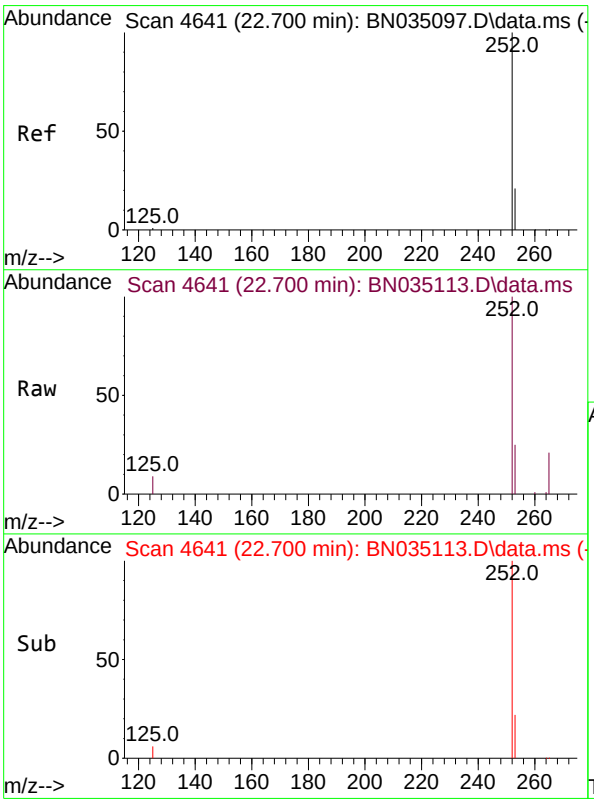
#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.656 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:252 Resp: 15304

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	50.0
125	8.9	0.0	14.0

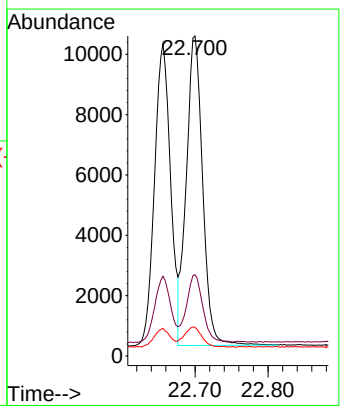


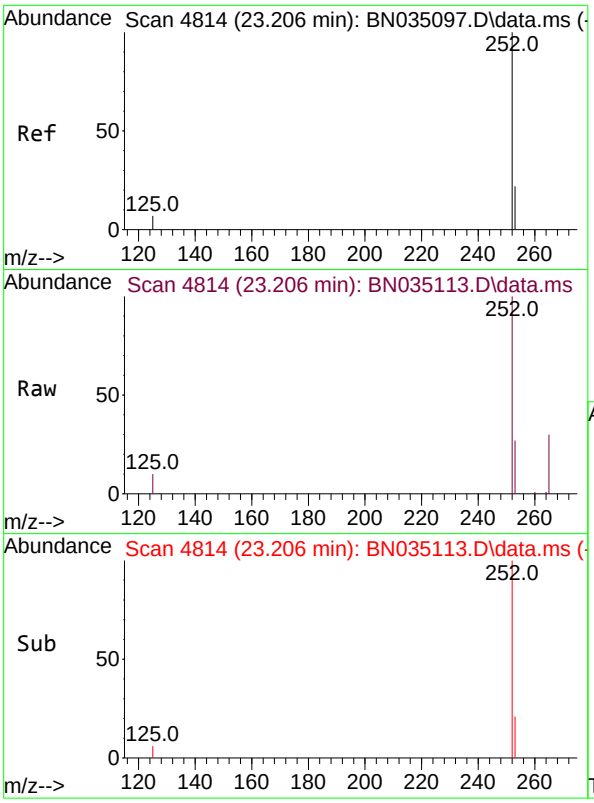


#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. 0.003 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:252 Resp: 15996

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.2	30.4
125	9.0	5.8	8.8#



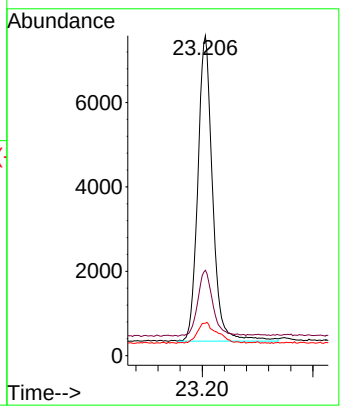


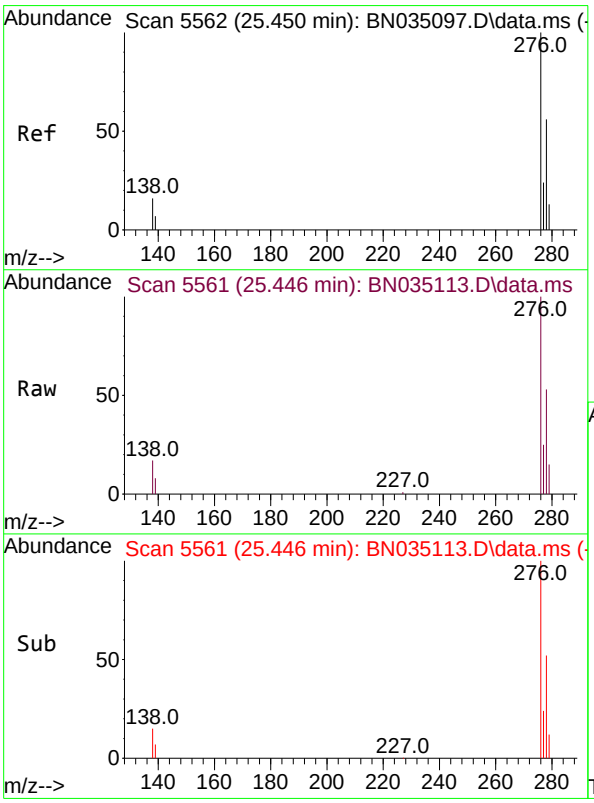
#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:252 Resp: 13391

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.2	31.8
125	10.1	6.3	9.5#

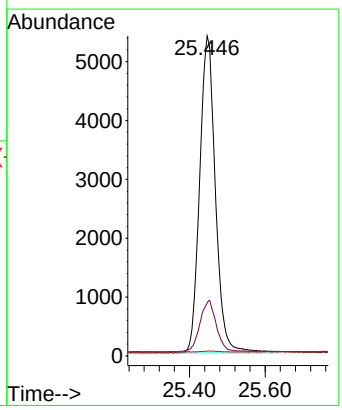


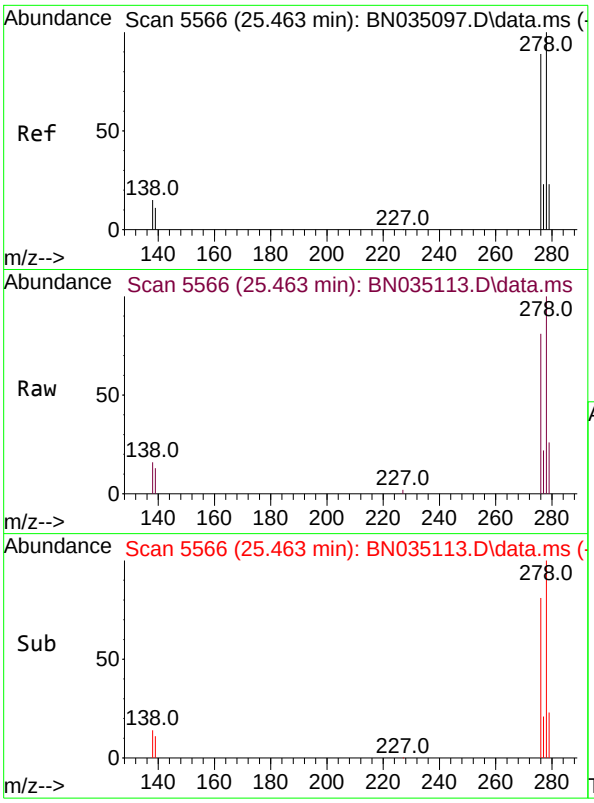


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 25.446 min Scan# 5561
Delta R.T. -0.000 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:276 Resp: 15589

Ion	Ratio	Lower	Upper
276	100		
138	16.9	10.8	16.2#
227	0.3	0.2	0.4



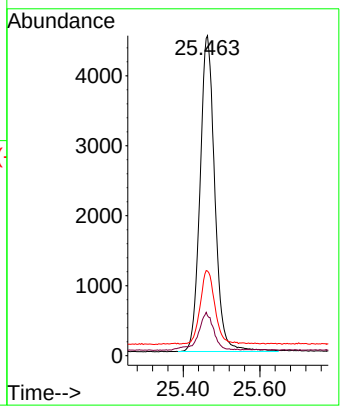


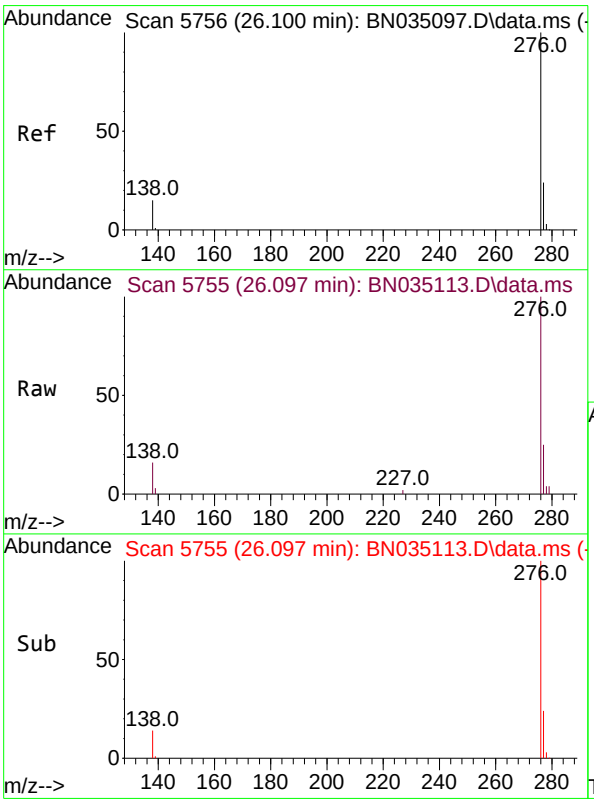
#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 25.463 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:278 Resp: 12138

Ion	Ratio	Lower	Upper
278	100		
139	12.5	8.4	12.6
279	26.4	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.097 min Scan# 5755
Delta R.T. -0.000 min
Lab File: BN035113.D
Acq: 15 Nov 2024 19:24

Tgt Ion:276 Resp: 12184

Ion	Ratio	Lower	Upper
276	100		
138	15.6	10.3	15.5#
277	25.3	20.2	30.2