Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021099.D
Acq On : 10 Aug 2022 00:25
Operator : CG/JU
Sample : PB146855BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS855

Quant Time: Aug 10 01:46:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2525	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	8705	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.443	164	4991	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9482	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7227	0.400	ng/ul	0.00
23) Perylene-d12	23.721	264	5481	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2316	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.191	152	4931	0.387	ng/ul	0.01
18) Fluoranthene-d10	19.231	212	9735	0.436	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	5492	1.650	ng/ul#	86
5) Naphthalene	10.635	128	7853	0.294	ng/ul	99
7) 2-Methylnaphthalene	12.263	142	4868	0.300	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	5258	0.324	ng/ul	100
10) Acenaphthylene	14.160	152	6930	0.297	ng/ul	99
11) Acenaphthene	14.503	153	5566	0.288	ng/ul	99
12) Fluorene	15.498	166	6091	0.289	ng/ul	100
14) Pentachlorophenol	16.859	266	821	0.562	ng/ul	98
15) Phenanthrene	17.235	178	9719	0.287	ng/ul	100
16) Anthracene	17.328	178	7978	0.304	ng/ul	99
19) Fluoranthene	19.259	202	10720	0.335	ng/ul	99
20) Pyrene	19.621	202	10989	0.333	ng/ul	97
21) Benzo(a)anthracene	21.377	228	7584	0.322	ng/ul	100
22) Chrysene	21.430	228	9110	0.293	ng/ul	99
24) Benzo(b)fluoranthene	23.014	252	7683	0.303	ng/ul	97
25) Benzo(k)fluoranthene	23.064	252	8019	0.299	ng/ul	97
26) Benzo(a)pyrene	23.622	252	7016	0.303	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.135	276	7079	0.256	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.152	278	5569	0.255	ng/ul	98
29) Benzo(g,h,i)perylene	26.870	276	6434	0.261	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021099.D
Acq On : 10 Aug 2022 00:25
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Sample : PB146855BS
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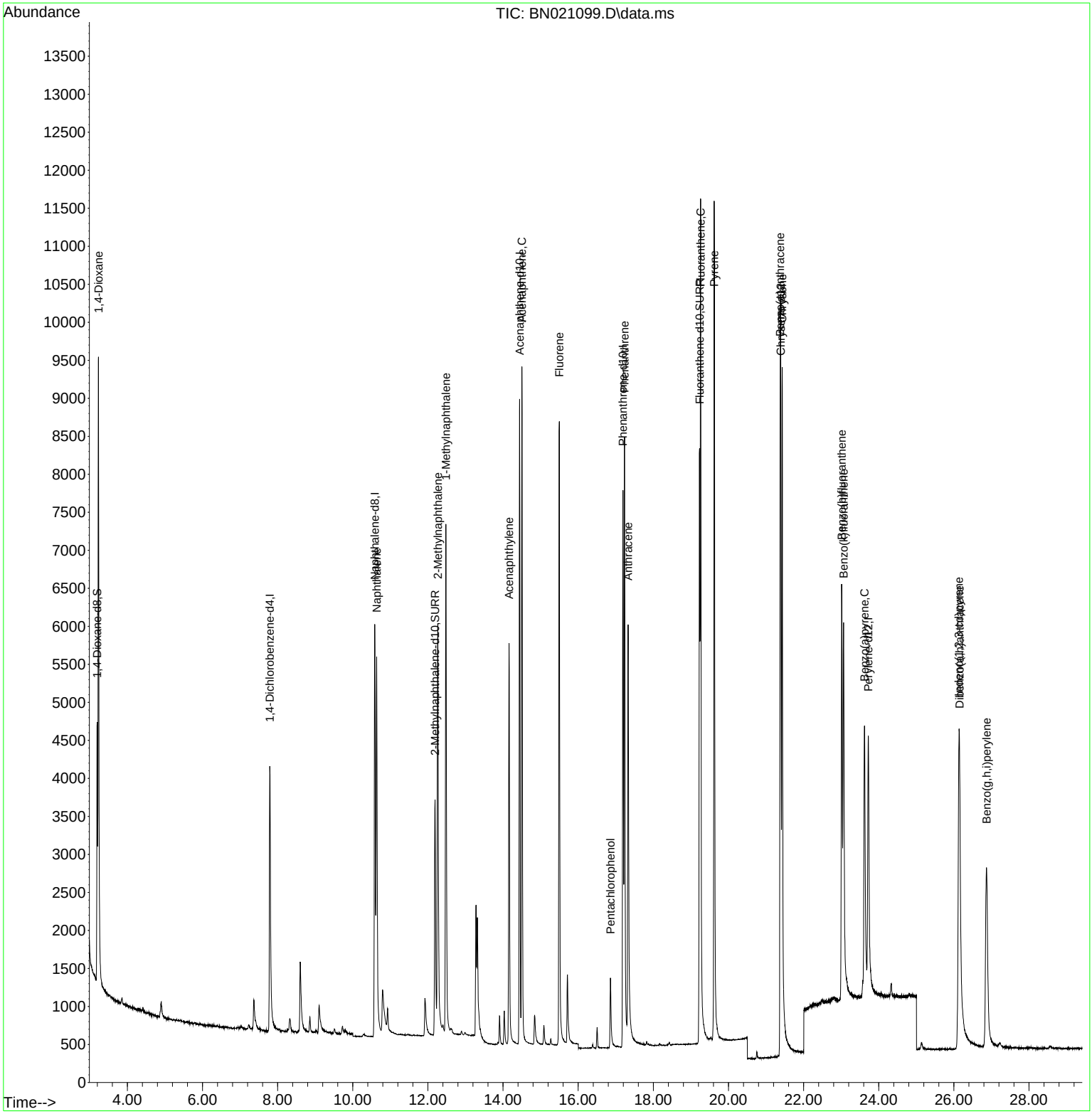
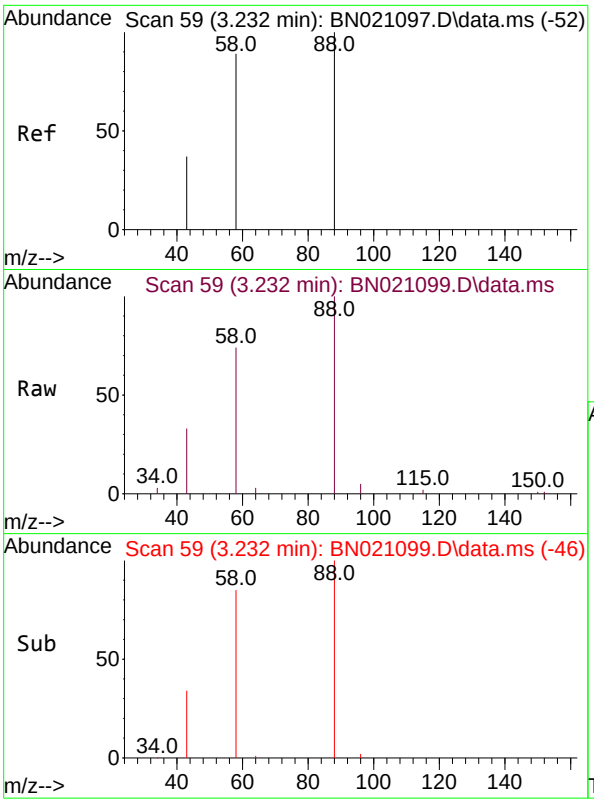
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration



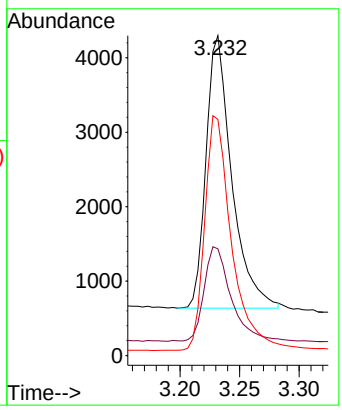


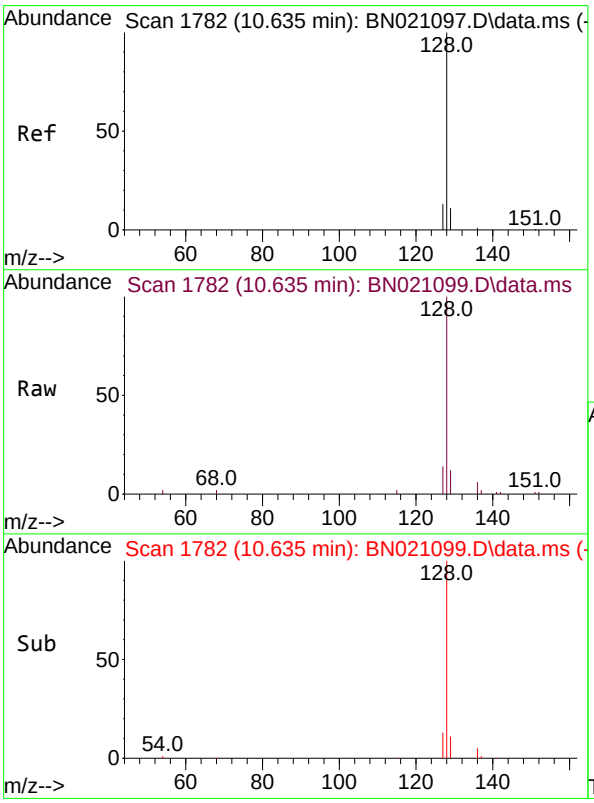
#2
1,4-Dioxane
Concen: 1.650 ng/ul
RT: 3.232 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion: 88 Resp: 5492

Ion	Ratio	Lower	Upper
88	100		
43	33.4	31.4	47.0
58	73.8	49.0	73.6#

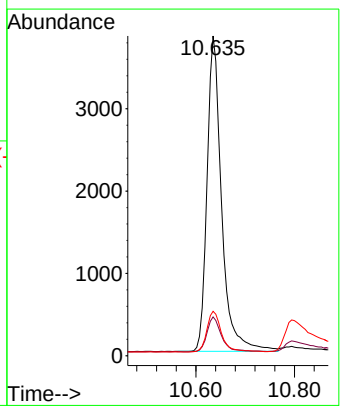


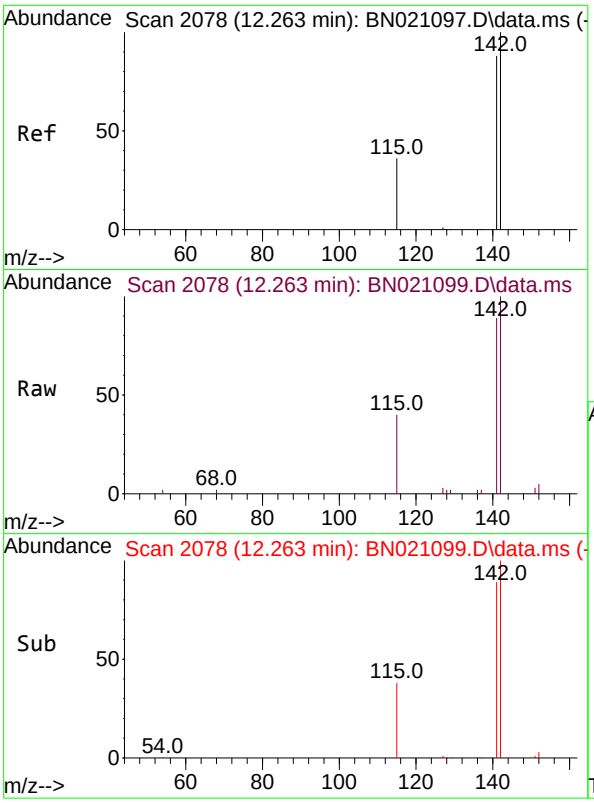


#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:128 Resp: 7853

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	13.9	11.6	17.4



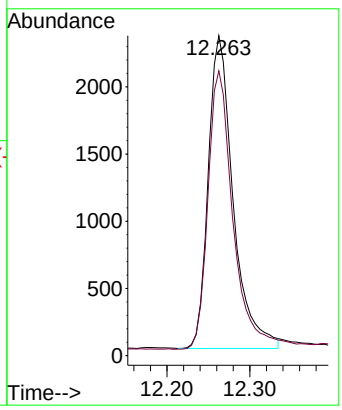


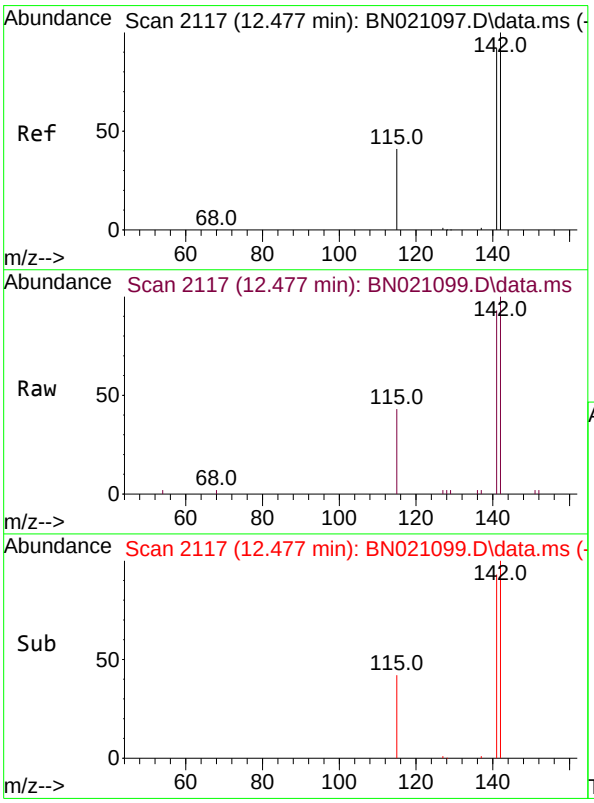
#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.263 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:142 Resp: 4868

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2

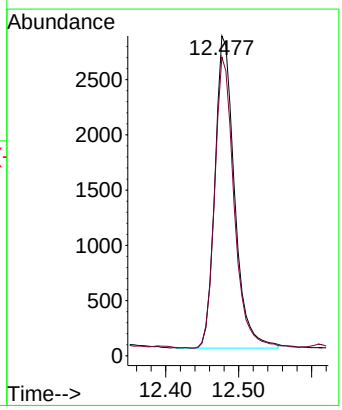


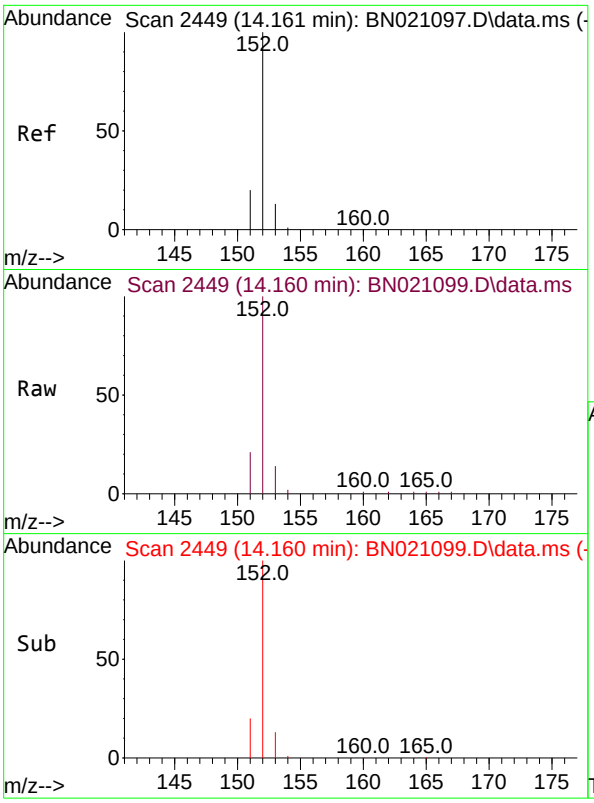


#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:142 Resp: 5258

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9



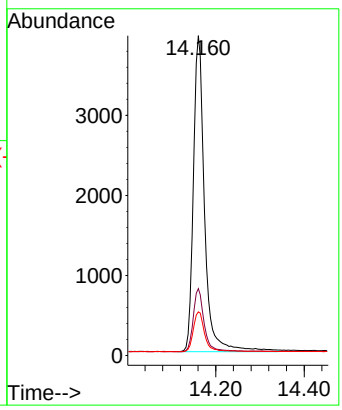


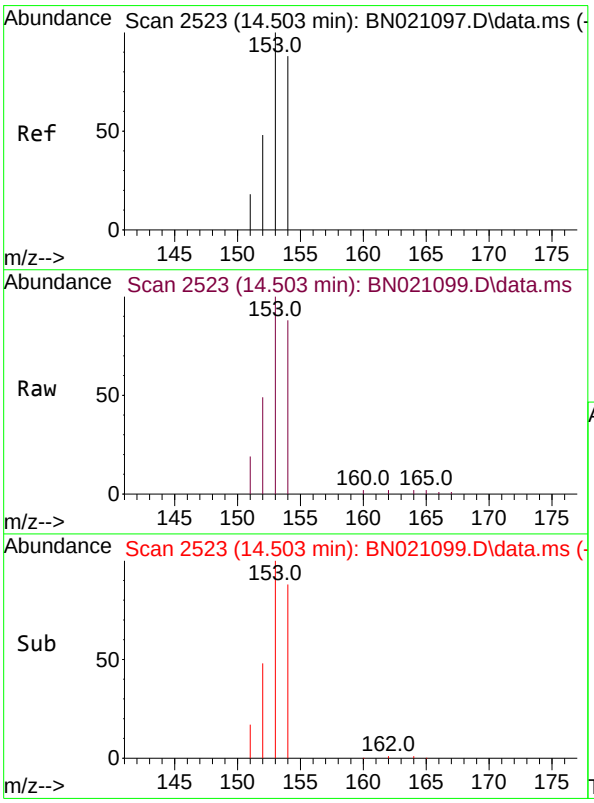
#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 14.160 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:152 Resp: 6930

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.7	11.2	16.8

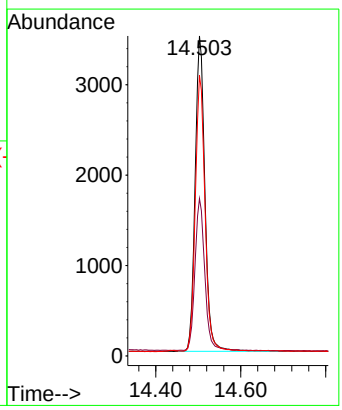


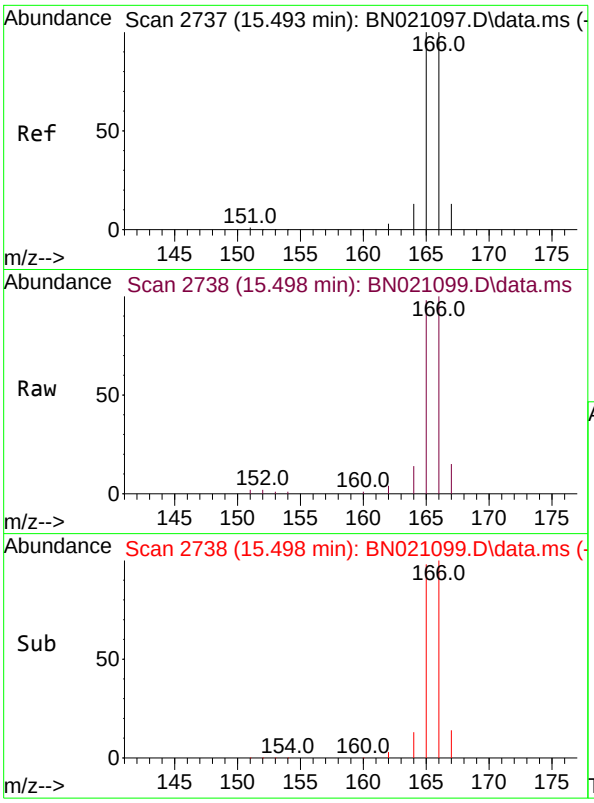


#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:153 Resp: 5566

Ion	Ratio	Lower	Upper
153	100		
152	49.2	40.2	60.4
154	87.6	70.7	106.1



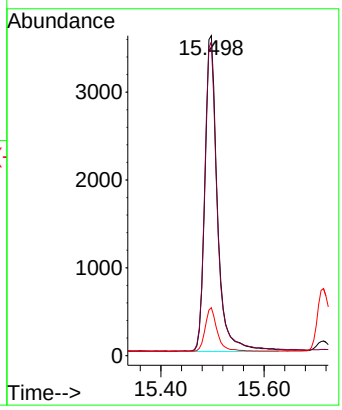


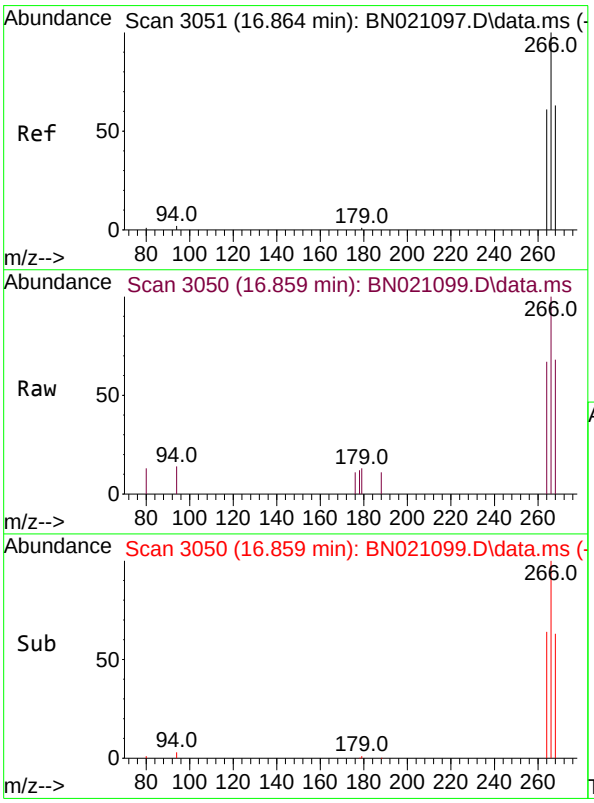
#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.498 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:166 Resp: 6091

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	15.0	11.8	17.6

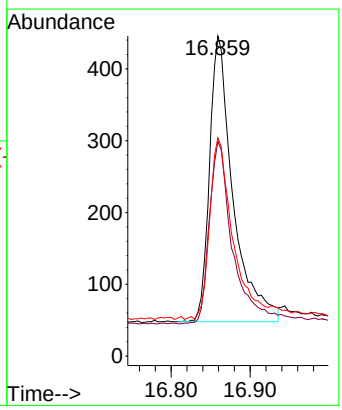


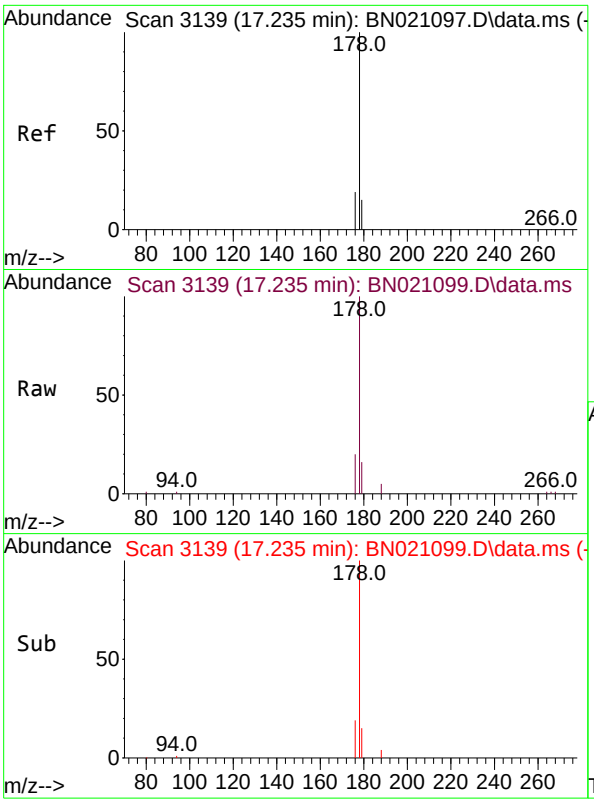


#14
Pentachlorophenol
Concen: 0.562 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. 0.005 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:266 Resp: 821

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.8
268	64.8	50.6	75.8





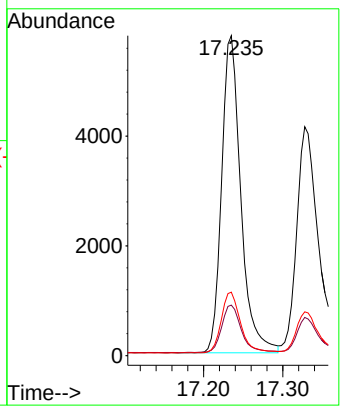
#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.235 min Scan# 3

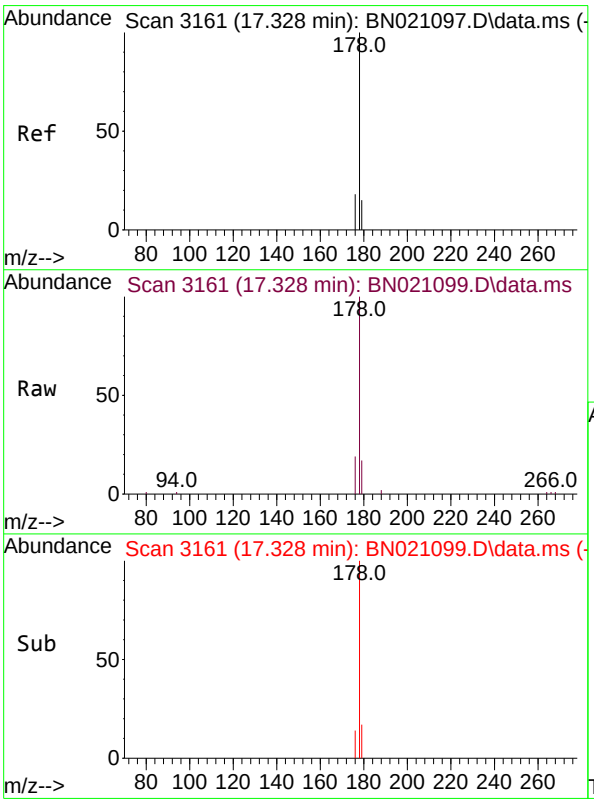
Instrument :
BNA_N
ClientSampleId :
SLCS855

Delta R.T. 0.005 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:178 Resp: 9719

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.8	15.9	23.9

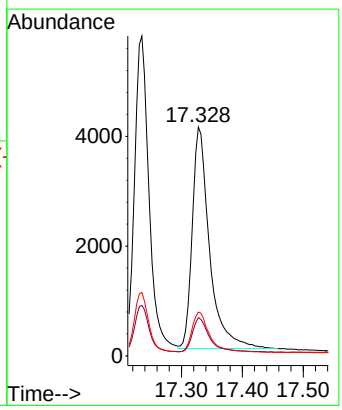


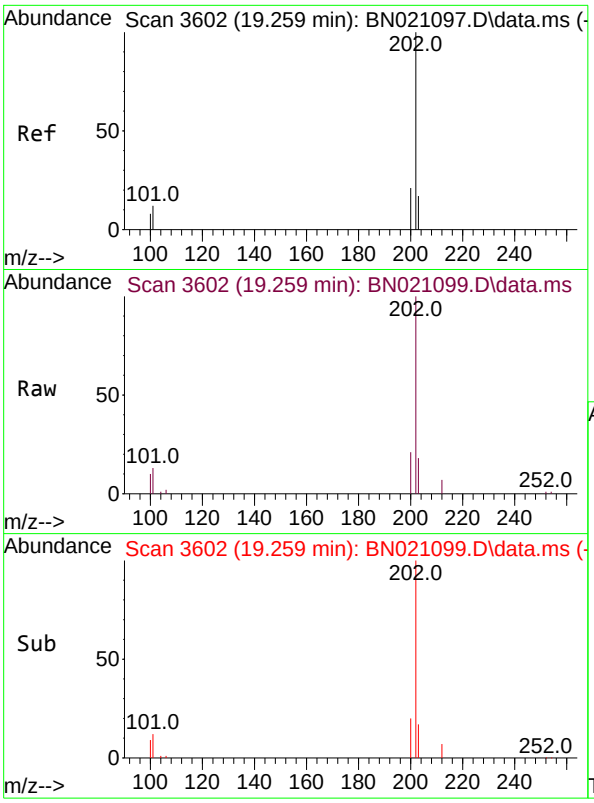


#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:178 Resp: 7978

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	19.1	15.9	23.9



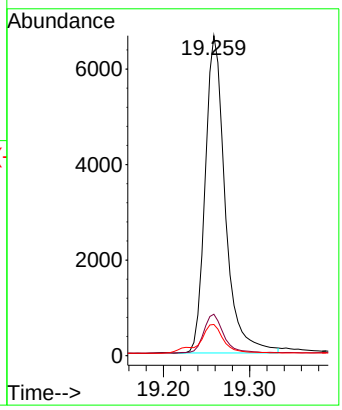


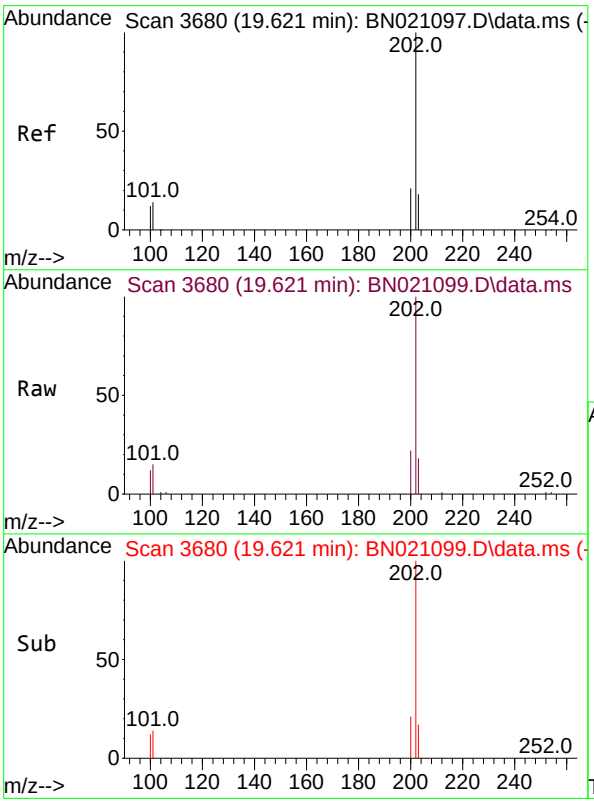
#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.259 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:202 Resp: 10720

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	9.7	8.0	12.0

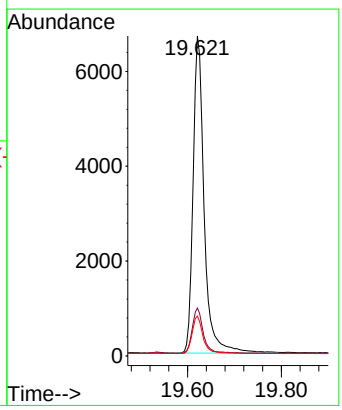


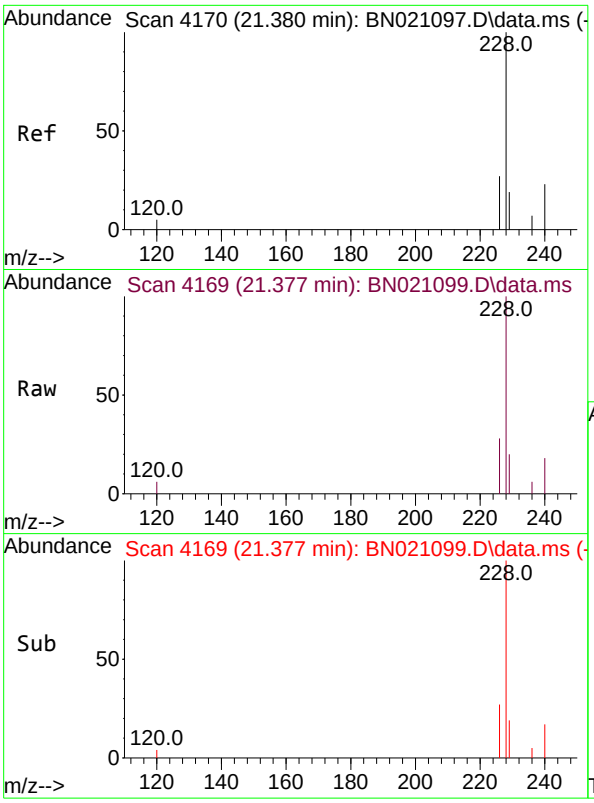


#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.004 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:202 Resp: 10989

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	12.4	9.0	13.4



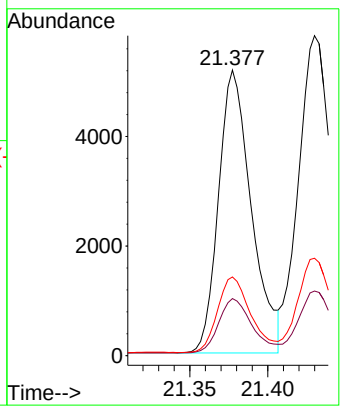


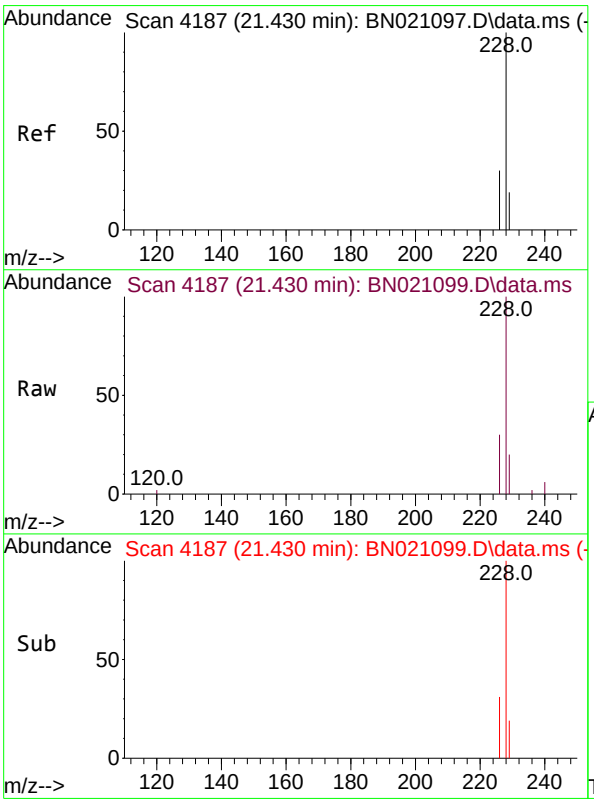
#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.377 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:228 Resp: 7584

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.6	21.9	32.9

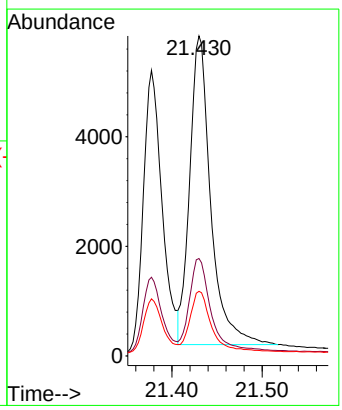


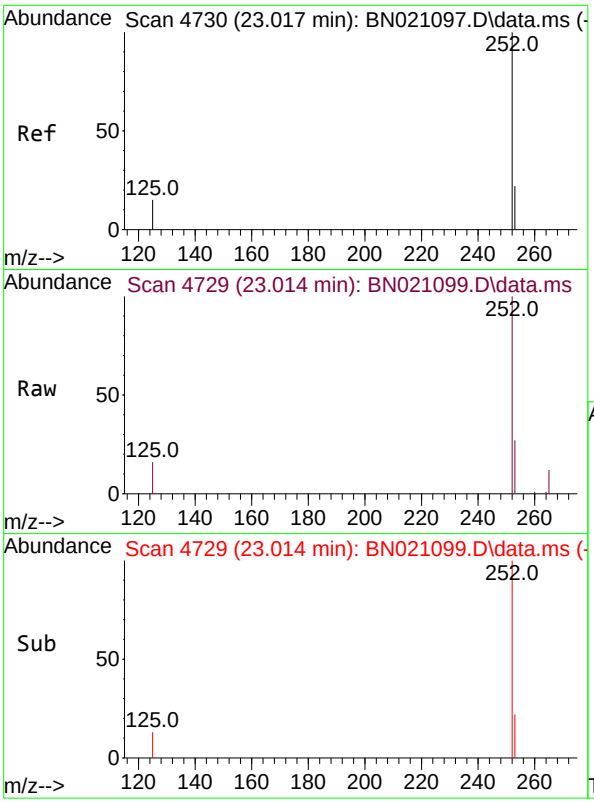


#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:228 Resp: 9110

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.2	15.8	23.8



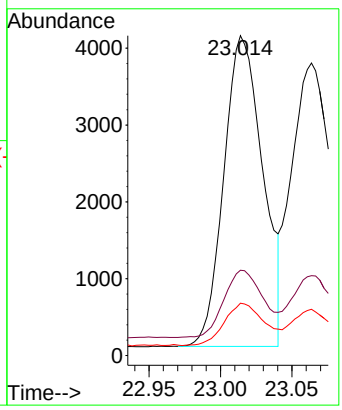


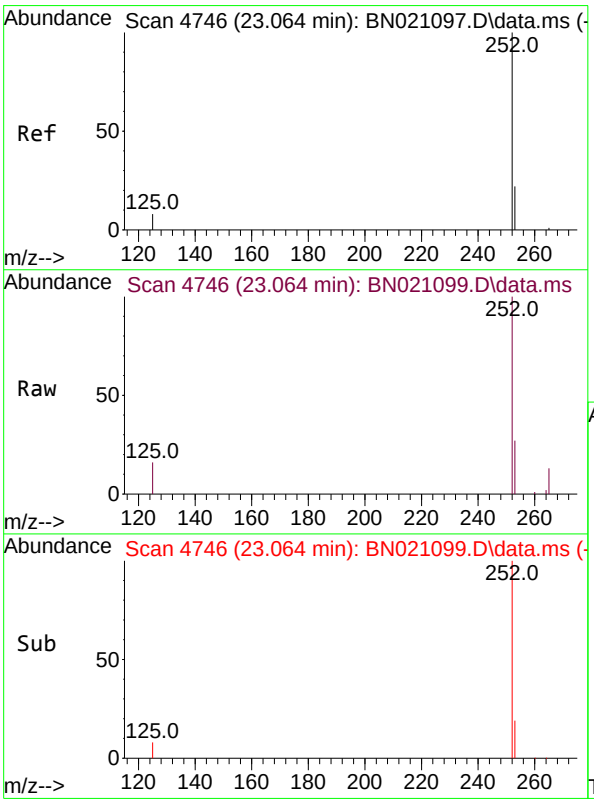
#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 23.014 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:252 Resp: 7683

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	50.8
125	16.4	0.0	30.0

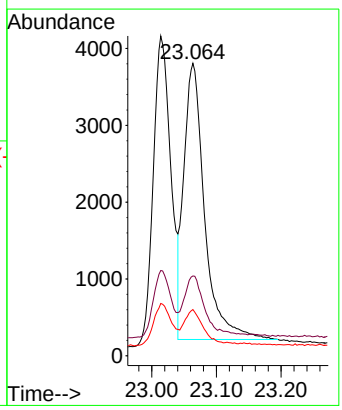


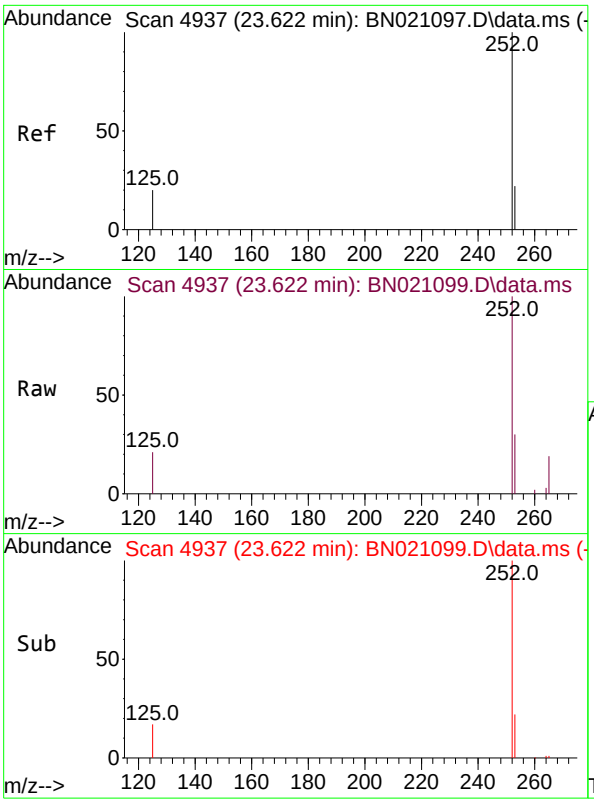


#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:252 Resp: 8019

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.6	31.0
125	15.8	11.8	17.6



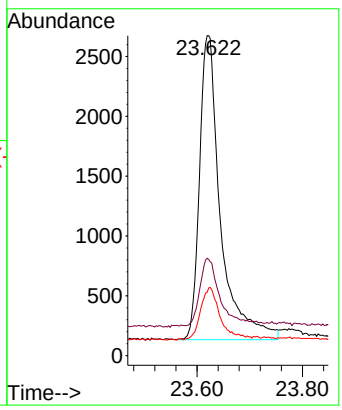


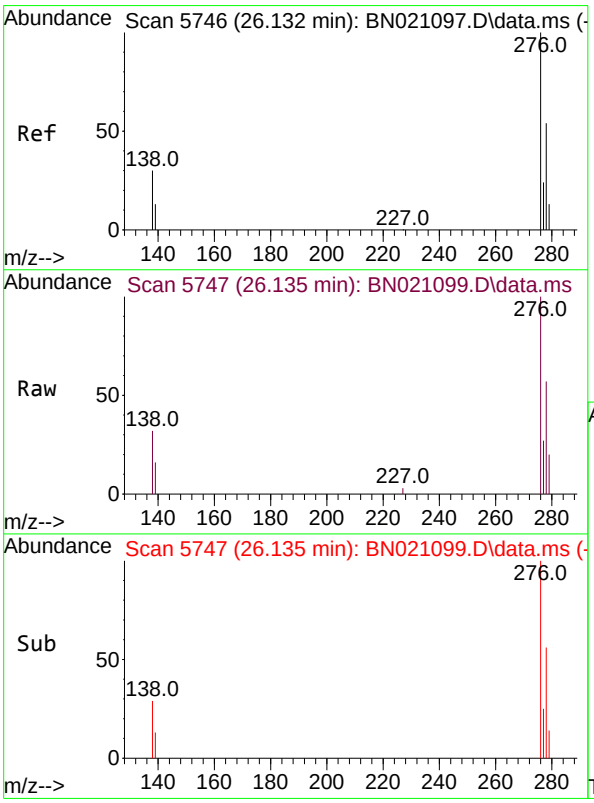
#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.622 min Scan# 49
Delta R.T. -0.012 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:252 Resp: 7016

Ion	Ratio	Lower	Upper
252	100		
253	30.0	22.1	33.1
125	21.2	14.7	22.1

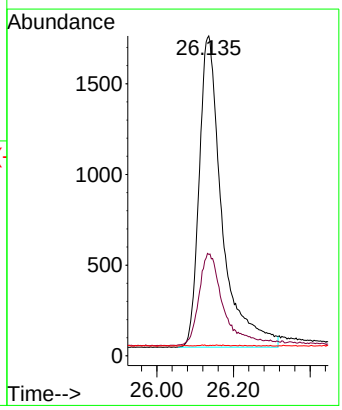


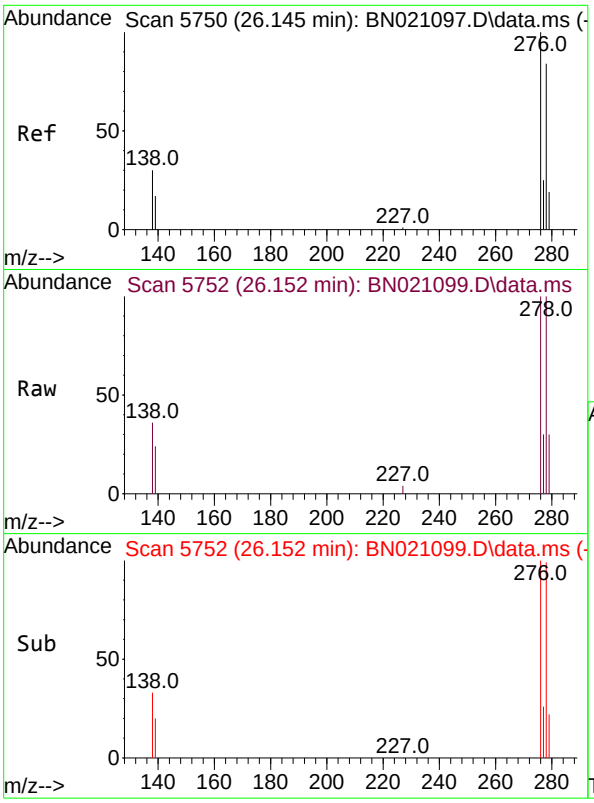


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 26.135 min Scan# 5747
Delta R.T. -0.014 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:276 Resp: 7079

Ion	Ratio	Lower	Upper
276	100		
138	31.9	26.1	39.1
227	0.1	0.1	0.1#



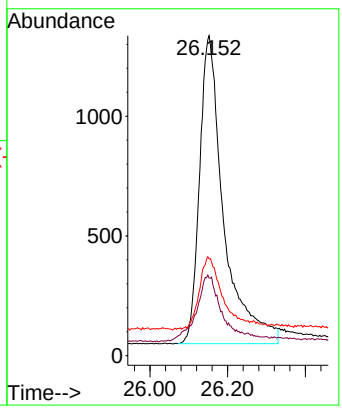


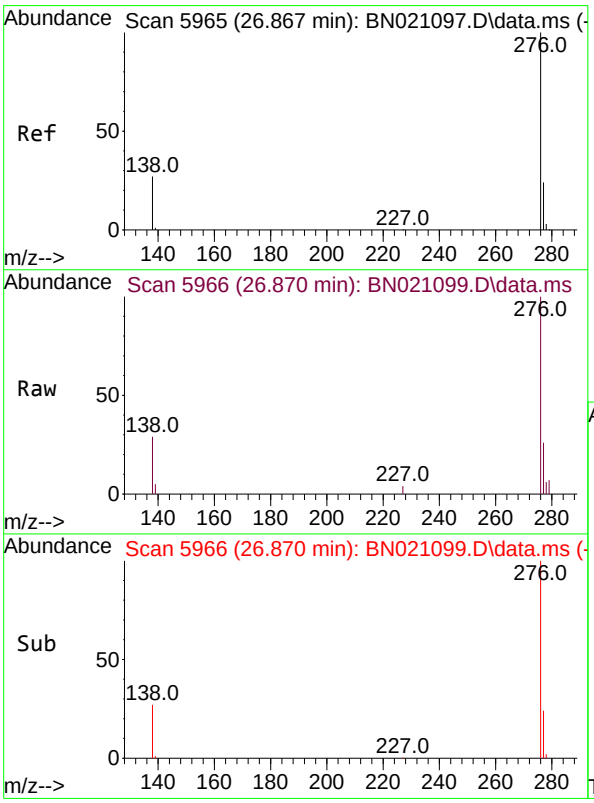
#28
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 26.152 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Instrument :
BNA_N
ClientSampleId :
SLCS855

Tgt Ion:278 Resp: 5569

Ion	Ratio	Lower	Upper
278	100		
139	24.2	18.3	27.5
279	30.2	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.261 ng/ul
RT: 26.870 min Scan# 5966
Delta R.T. -0.017 min
Lab File: BN021099.D
Acq: 10 Aug 2022 00:25

Tgt Ion:276 Resp: 6434

Ion	Ratio	Lower	Upper
276	100		
138	29.5	22.6	34.0
277	26.3	20.2	30.2