Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026634.D
Acq On : 21 Jul 2023 18:54
Operator : MA/JU
Sample : PB154137BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS137

Quant Time: Jul 22 00:52:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	1454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.641	136	6001	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.472	164	3896	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.228	188	7494	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	5168	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	5720	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1590	0.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	3272	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.255	212	8518	0.475	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	3443	1.900	ng/ul#	89
5) Naphthalene	10.691	128	5588	0.339	ng/ul	96
7) 2-Methylnaphthalene	12.313	142	3205	0.343	ng/ul	97
8) 1-Methylnaphthalene	12.522	142	4034	0.403	ng/ul	99
10) Acenaphthylene	14.199	152	6647	0.348	ng/ul	99
11) Acenaphthene	14.536	153	5152	0.354	ng/ul	98
12) Fluorene	15.531	166	5508	0.361	ng/ul	99
14) Pentachlorophenol	16.890	266	976	0.516	ng/ul	97
15) Phenanthrene	17.266	178	8390	0.352	ng/ul	99
16) Anthracene	17.363	178	7237	0.349	ng/ul	98
19) Fluoranthene	19.283	202	10164	0.420	ng/ul#	96
20) Pyrene	19.645	202	11190	0.425	ng/ul#	95
21) Benzo(a)anthracene	21.402	228	6789	0.357	ng/ul	100
22) Chrysene	21.452	228	8500	0.393	ng/ul	99
24) Benzo(b)fluoranthene	23.065	252	7792	0.350	ng/ul	96
25) Benzo(k)fluoranthene	23.112	252	8536	0.365	ng/ul#	97
26) Benzo(a)pyrene	23.688	252	7392	0.373	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.244	276	9745	0.375	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.258	278	7682	0.385	ng/ul	95
29) Benzo(g,h,i)perylene	27.002	276	8428	0.367	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
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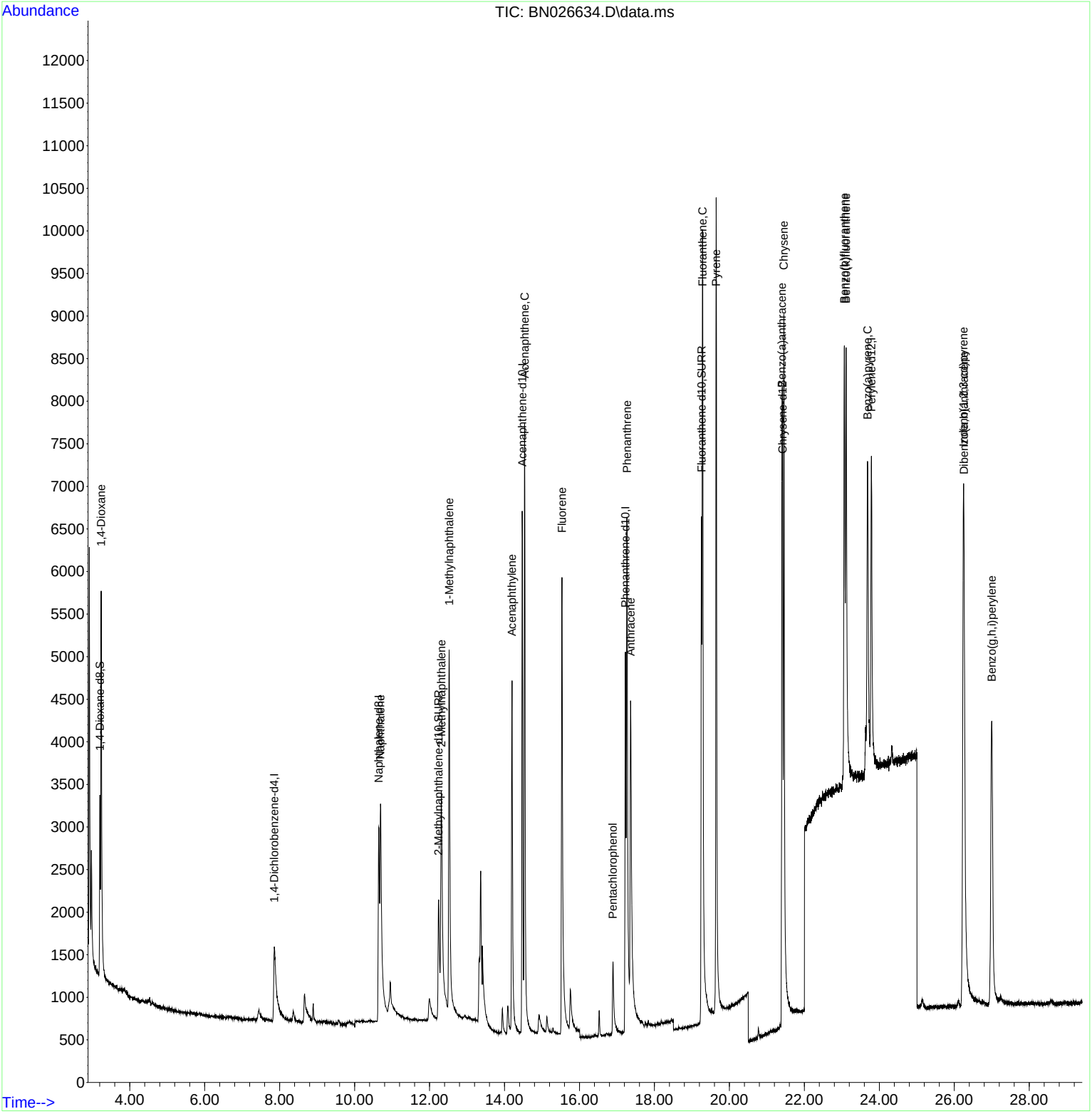
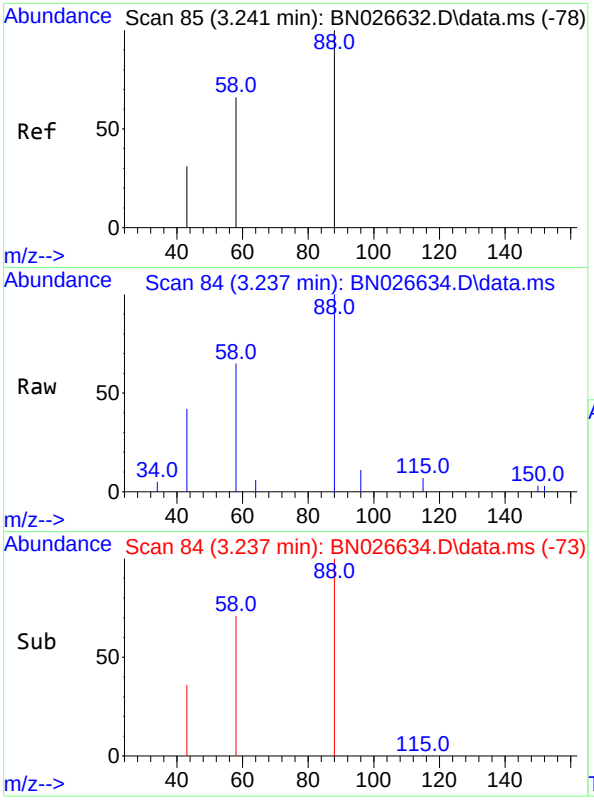
Quant Time: Jul 22 00:52:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration



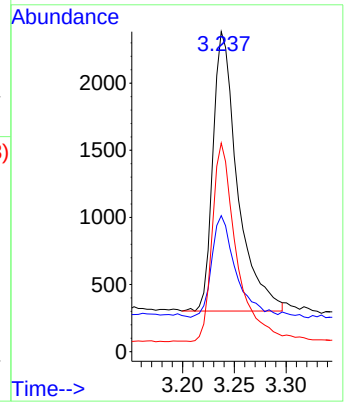


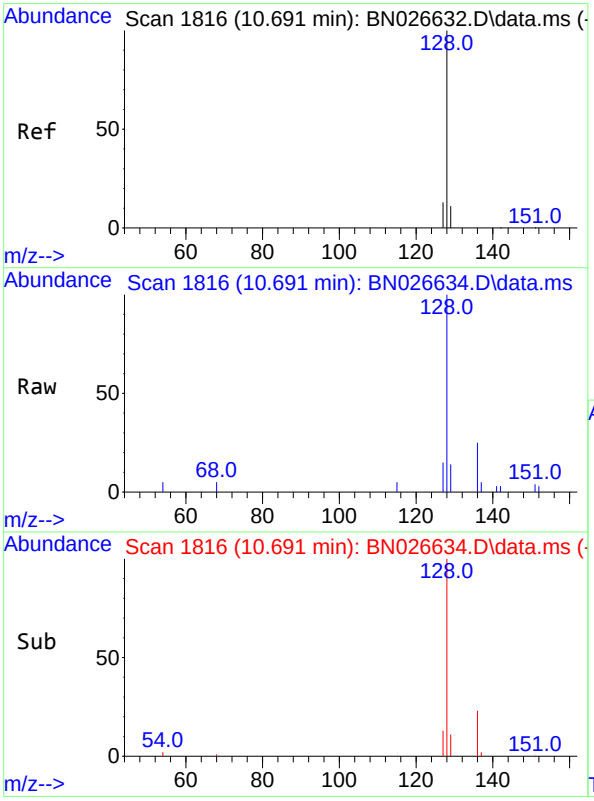
#2
1,4-Dioxane
Concen: 1.900 ng/ul
RT: 3.237 min Scan# 8
Delta R.T. -0.004 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion: 88 Resp: 3443

Ion	Ratio	Lower	Upper
88	100		
43	42.5	33.0	49.6
58	65.2	41.7	62.5#

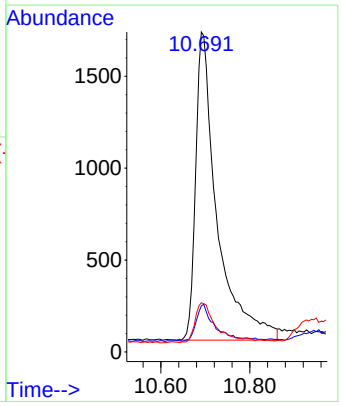


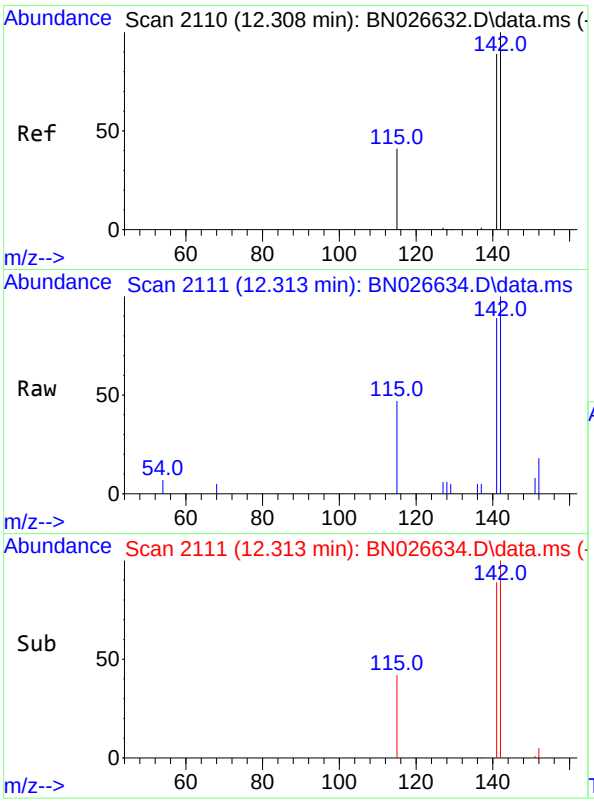


#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.691 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:128 Resp: 5588

Ion	Ratio	Lower	Upper
128	100		
129	14.4	10.2	15.2
127	15.4	11.4	17.0



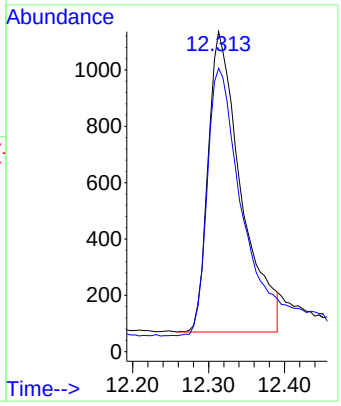


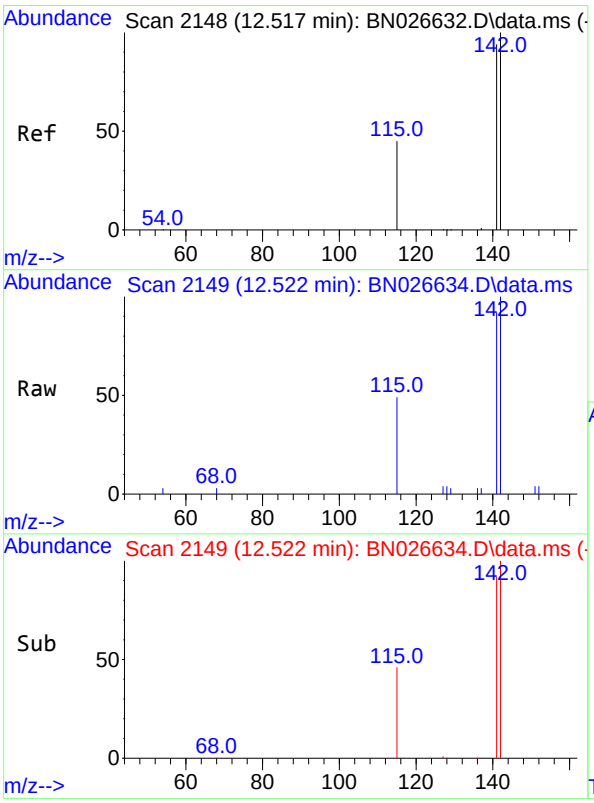
#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.313 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:142 Resp: 3205

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5

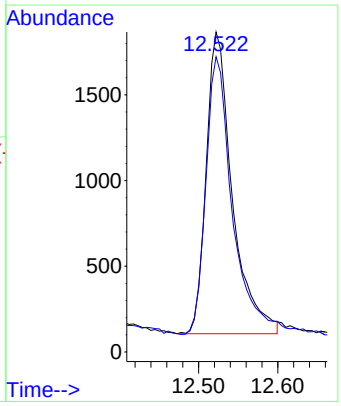


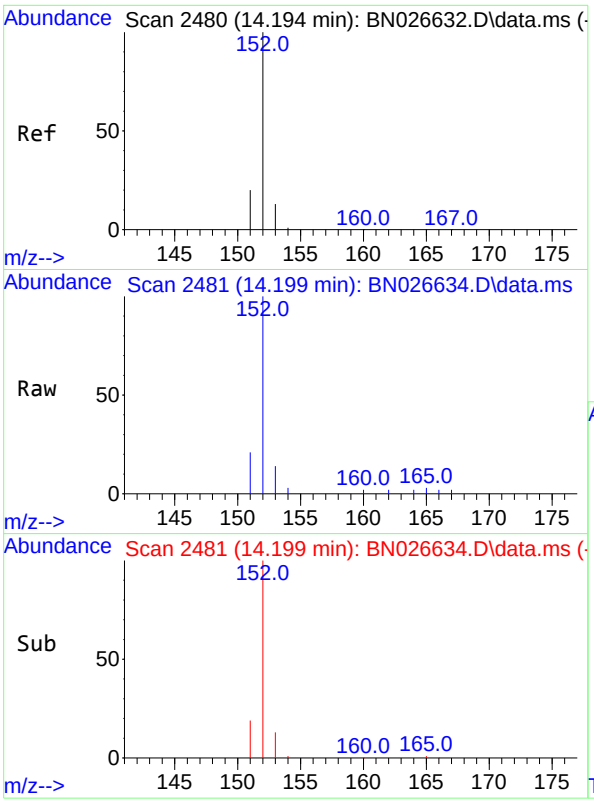


#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:142 Resp: 4034

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7



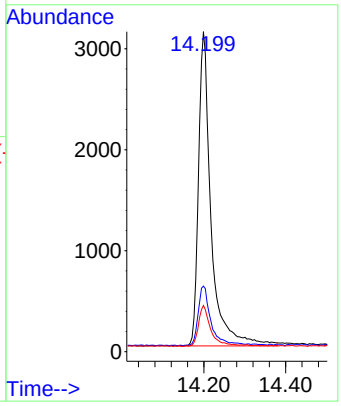


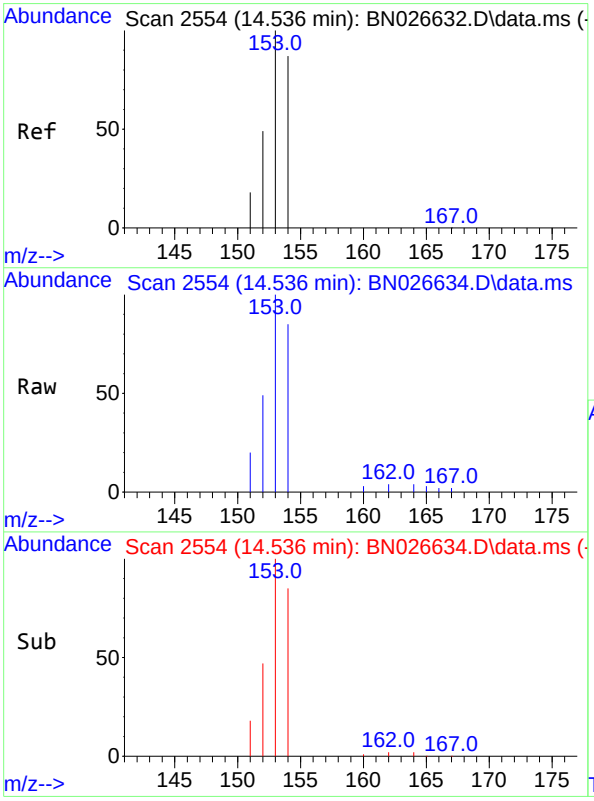
#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.199 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:152 Resp: 6647

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.6
153	14.4	11.4	17.2

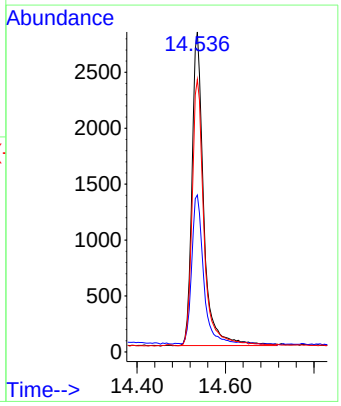


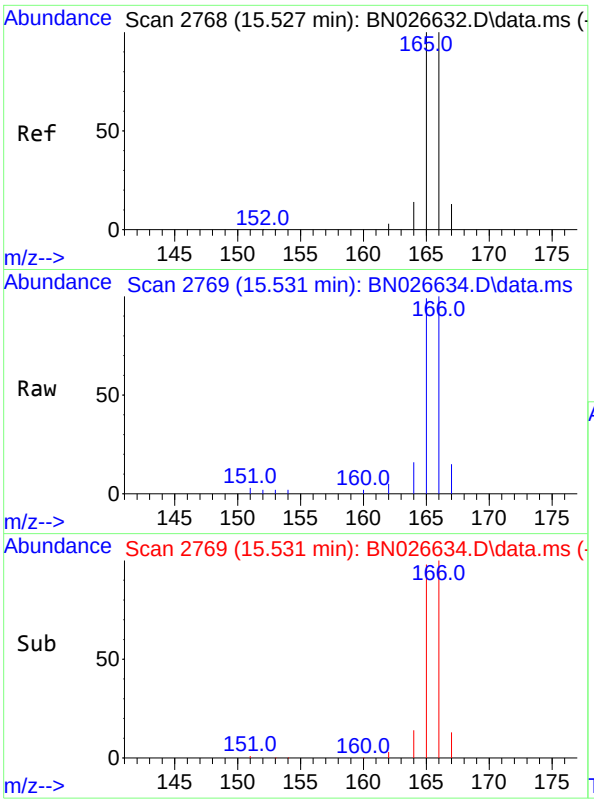


#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:153 Resp: 5152

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.2	60.4
154	85.1	69.3	103.9



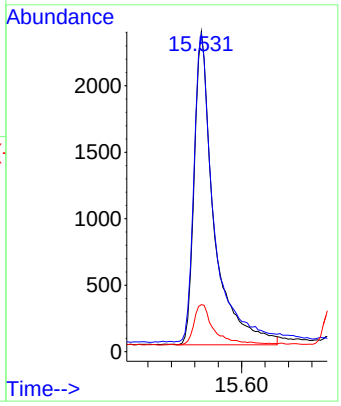


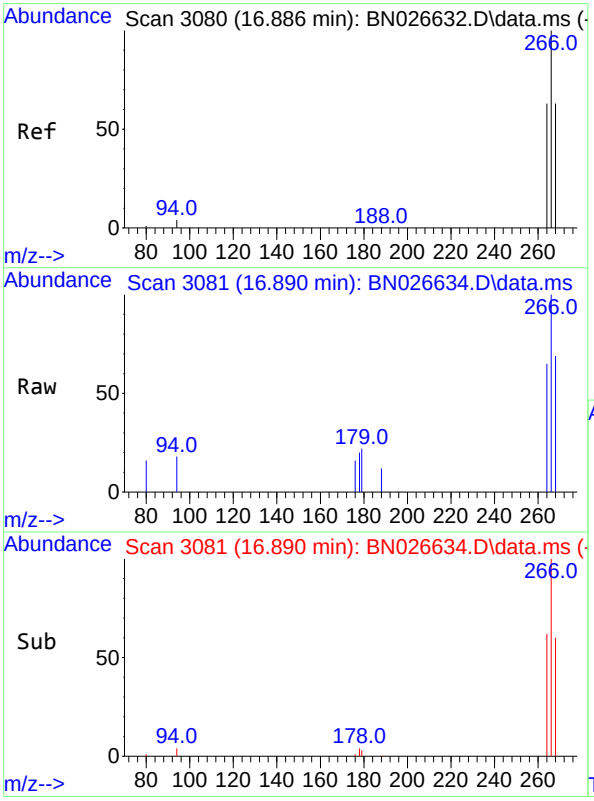
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.531 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:166 Resp: 5508

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.6	120.8
167	14.7	12.0	18.0

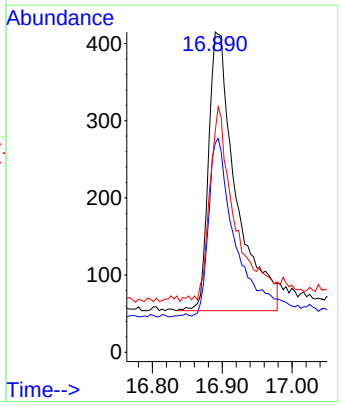


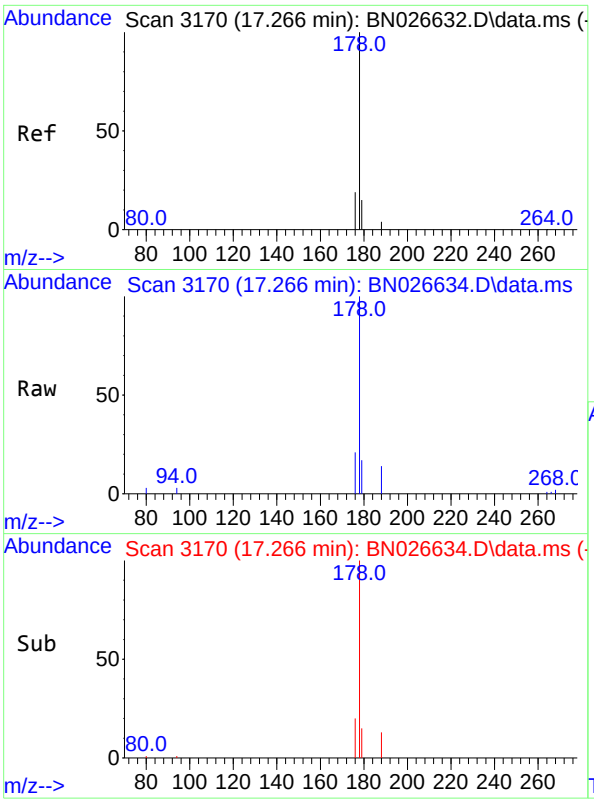


#14
Pentachlorophenol
Concen: 0.516 ng/ul
RT: 16.890 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:266 Resp: 976

Ion	Ratio	Lower	Upper
266	100		
264	62.5	52.0	78.0
268	63.8	53.0	79.6



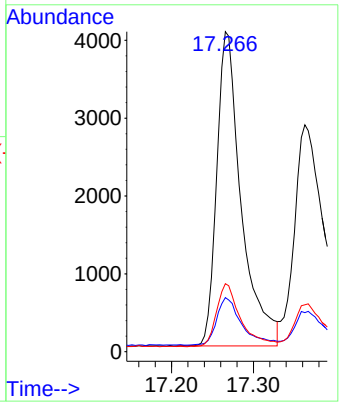


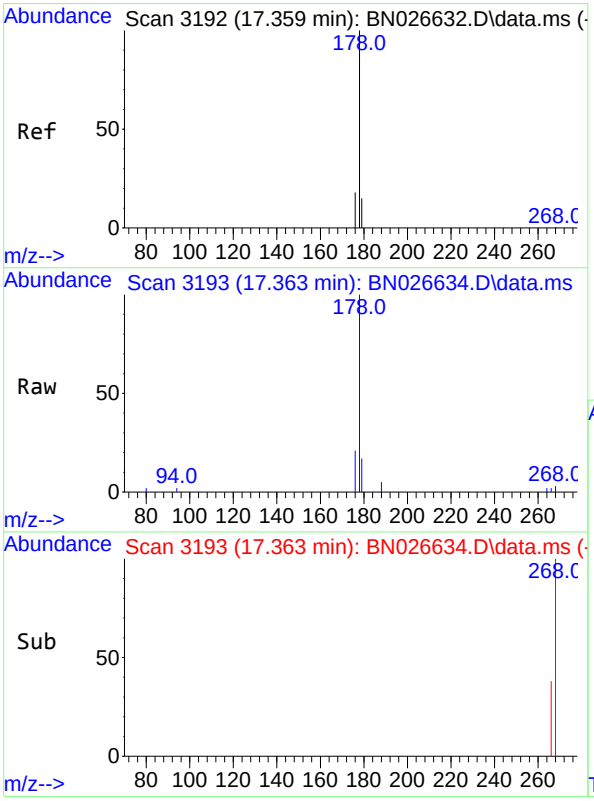
#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.266 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:178 Resp: 8390

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.7	20.5
176	21.3	16.5	24.7

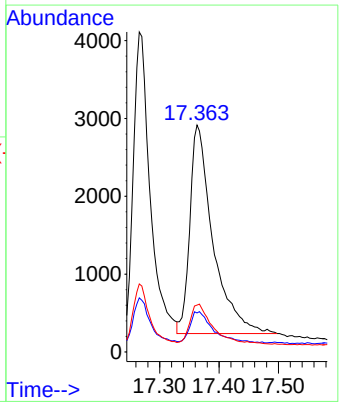


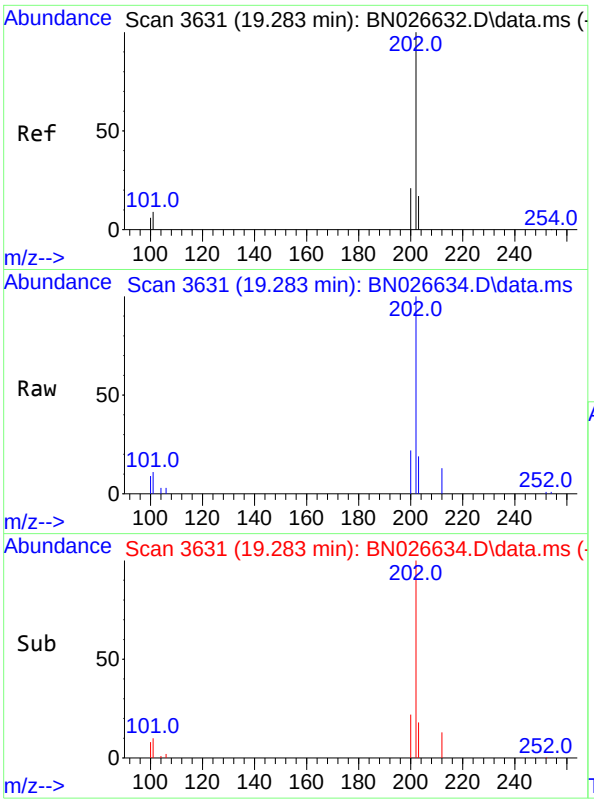


#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.363 min Scan# 3193
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:178 Resp: 7237

Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.8	22.2
176	20.7	16.6	25.0



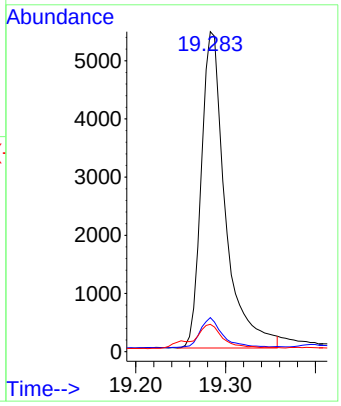


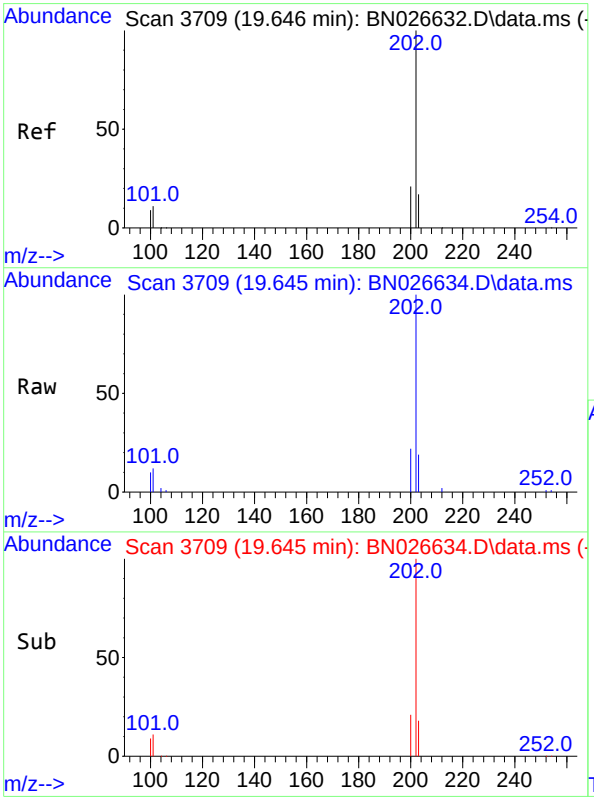
#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.283 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:202 Resp: 10164

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.0	10.4#
100	8.6	6.0	9.0

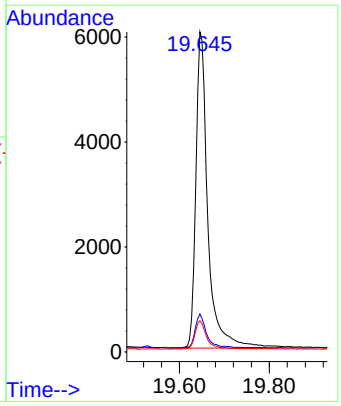


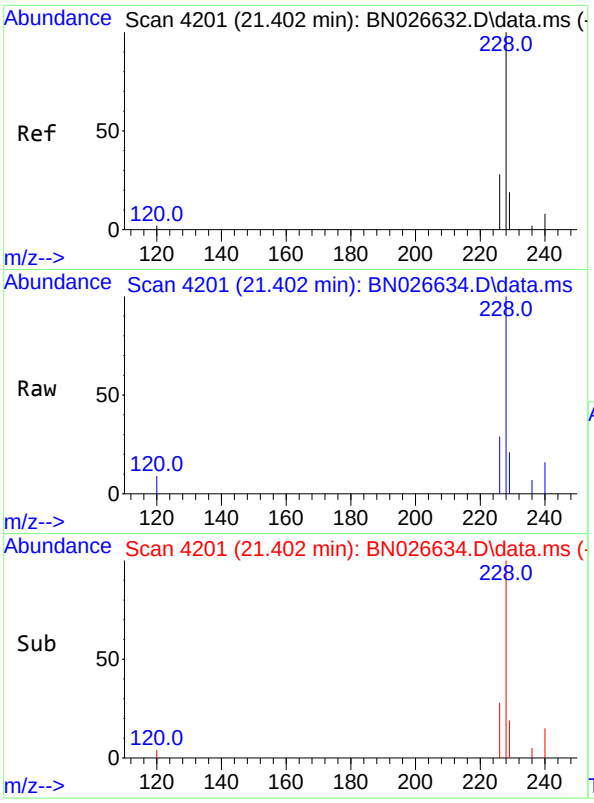


#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.645 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:202 Resp: 11190

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.0	12.0
100	9.7	6.2	9.2#



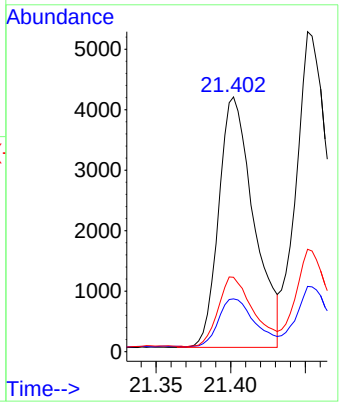


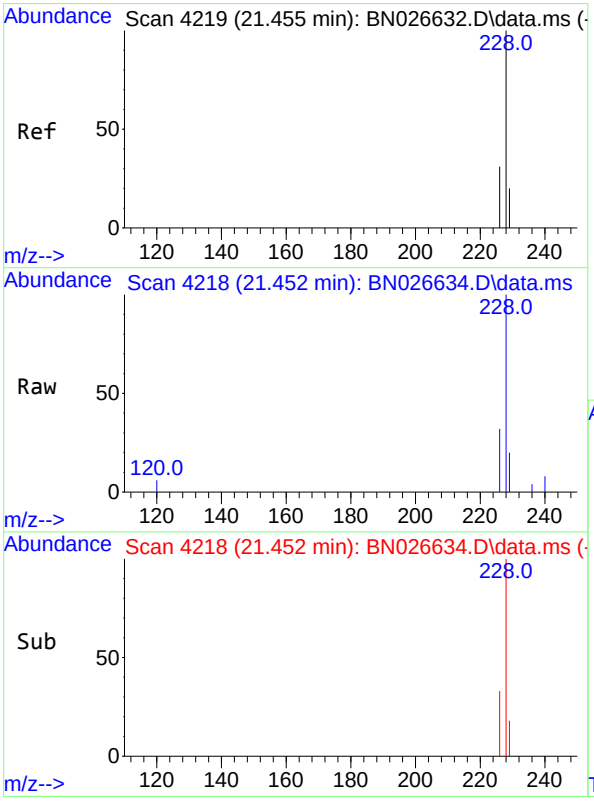
#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.402 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:228 Resp: 6789

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.7	25.1
226	29.2	23.5	35.3

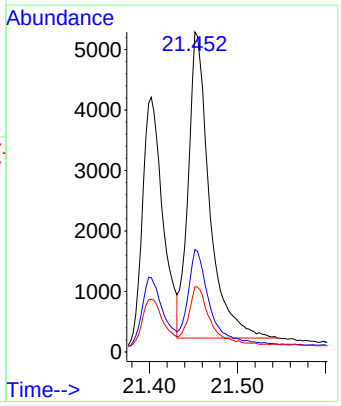


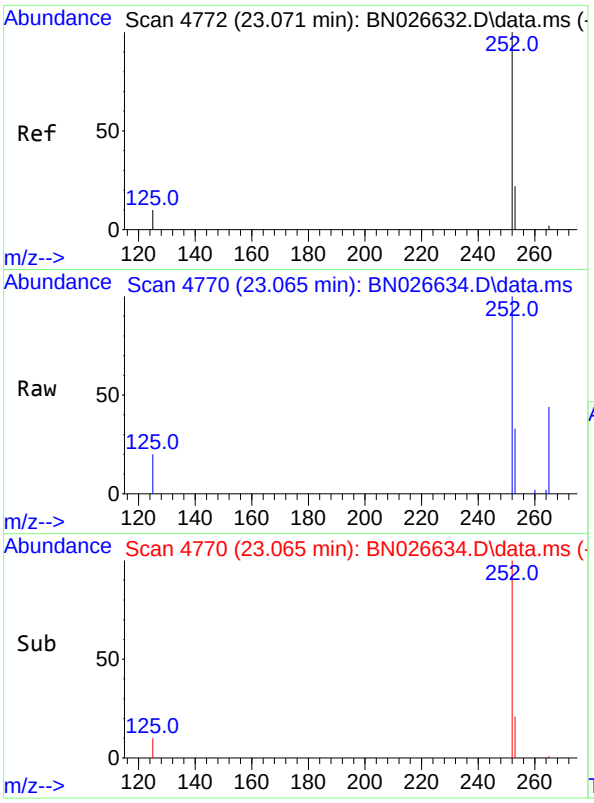


#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.452 min Scan# 4218
Delta R.T. -0.012 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:228 Resp: 8500

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.2	37.8
229	20.4	16.4	24.6



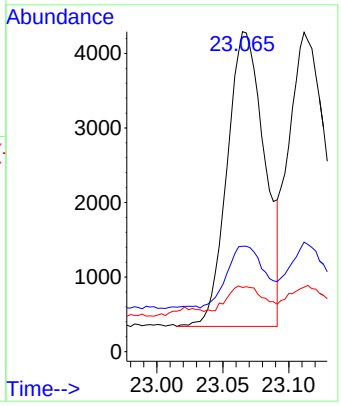


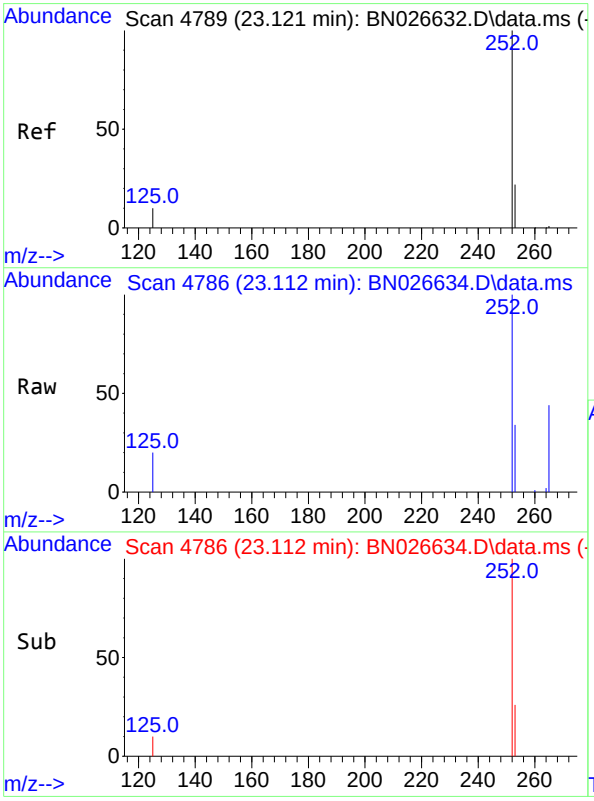
#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.065 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:252 Resp: 7792

Ion	Ratio	Lower	Upper
252	100		
253	32.9	0.0	68.6
125	20.1	0.0	34.0

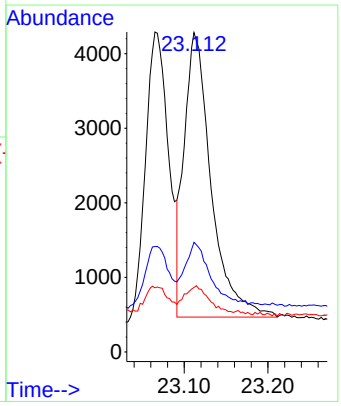


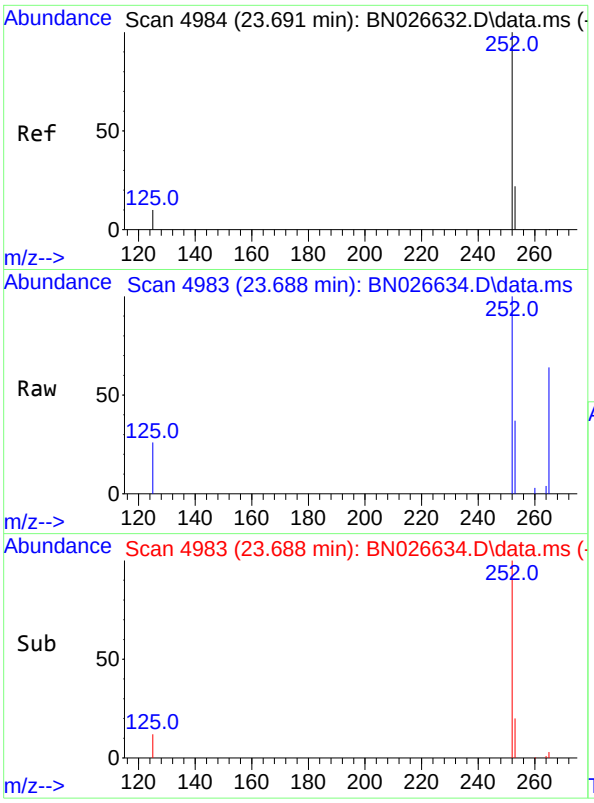


#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.112 min Scan# 4786
Delta R.T. -0.017 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:252 Resp: 8536

Ion	Ratio	Lower	Upper
252	100		
253	34.3	27.2	40.8
125	20.2	13.4	20.2#



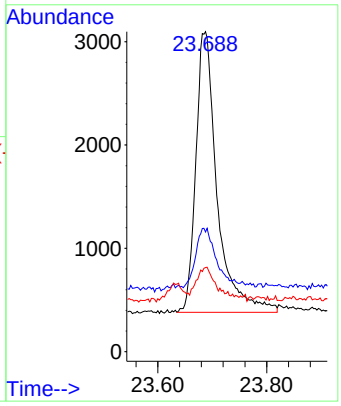


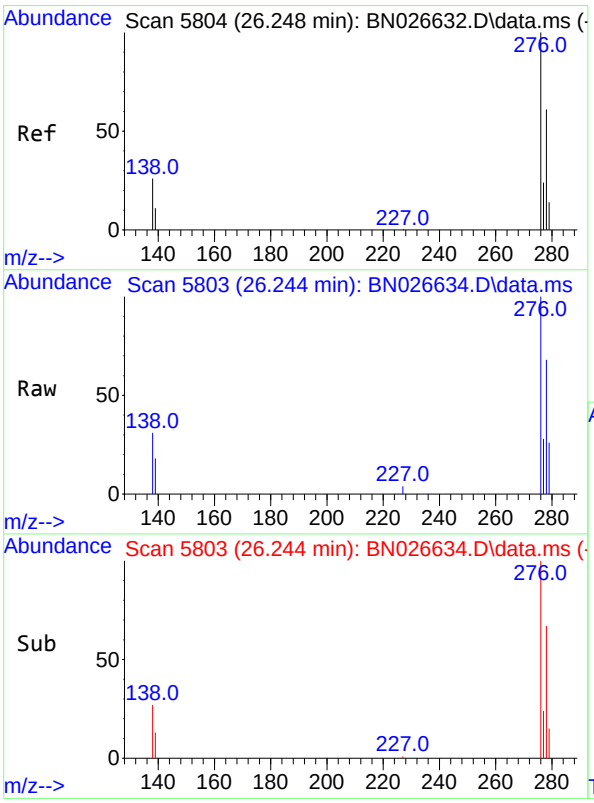
#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.688 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:252 Resp: 7392

Ion	Ratio	Lower	Upper
252	100		
253	37.4	32.6	49.0
125	26.3	19.3	28.9

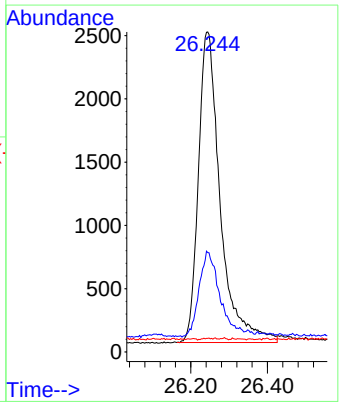


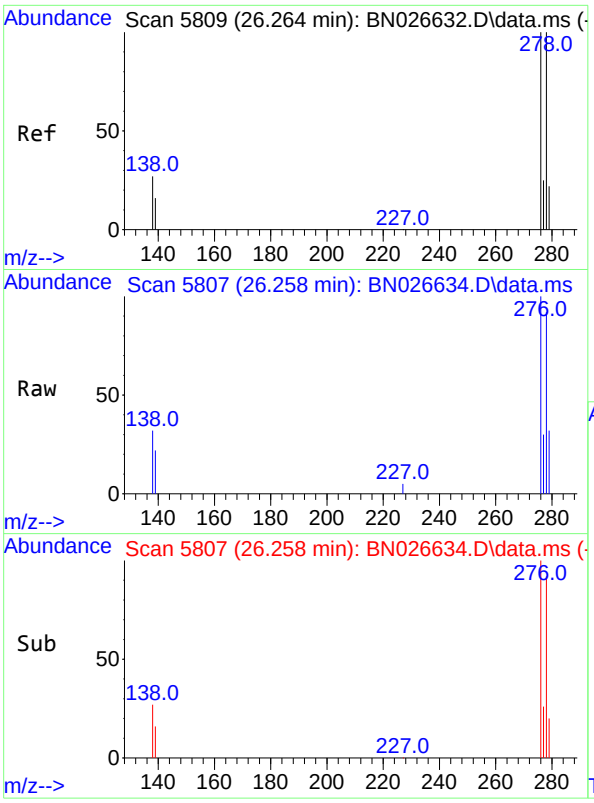


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.013 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:276 Resp: 9745

Ion	Ratio	Lower	Upper
276	100		
138	26.3	22.2	33.4
227	0.3	0.1	0.1#



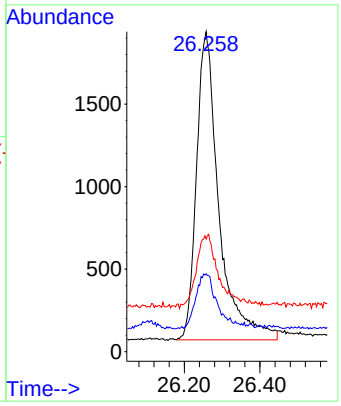


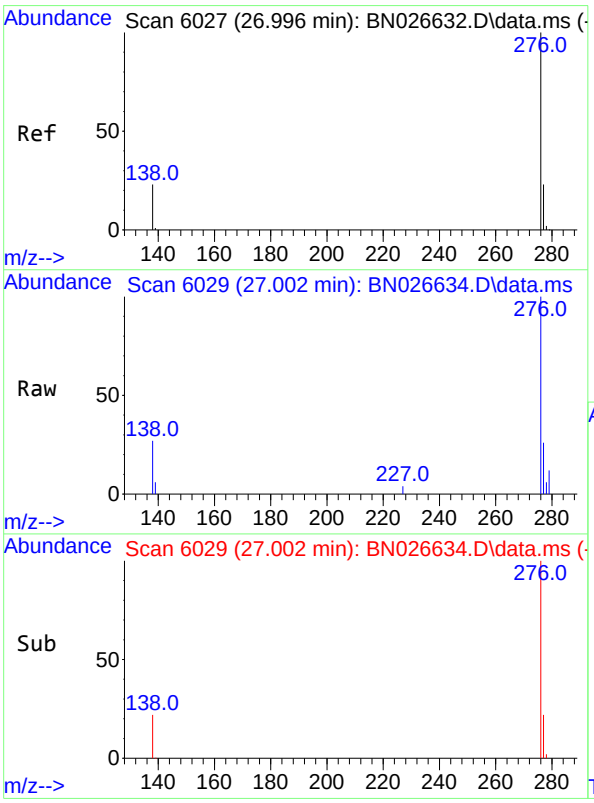
#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.258 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Instrument :
BNA_N
ClientSampleId :
SLCS137

Tgt Ion:278 Resp: 7682

Ion	Ratio	Lower	Upper
278	100		
139	24.3	18.9	28.3
279	35.2	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.002 min Scan# 6029
Delta R.T. -0.010 min
Lab File: BN026634.D
Acq: 21 Jul 2023 18:54

Tgt Ion:276 Resp: 8428

Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.6	34.0
277	26.2	21.8	32.8