Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
Data File : BN022553.D
Acq On : 08 Nov 2022 08:11
Operator : CG/JU
Sample : PB148828BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS828

Quant Time: Nov 09 01:15:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 23:39:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	1613	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	5722	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	3828	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	8328	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	7318	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6063	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1549	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4037	0.466	ng/ul	0.00
18) Fluoranthene-d10	19.384	212	10088	0.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	3900	1.812	ng/ul#	89
5) Naphthalene	10.789	128	6819	0.403	ng/ul	98
7) 2-Methylnaphthalene	12.411	142	4570	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	5012	0.457	ng/ul	100
10) Acenaphthylene	14.309	152	7245	0.422	ng/ul	98
11) Acenaphthene	14.651	153	5694	0.393	ng/ul	100
12) Fluorene	15.646	166	6455	0.383	ng/ul	99
14) Pentachlorophenol	17.007	266	1487	0.751	ng/ul	99
15) Phenanthrene	17.391	178	10767	0.385	ng/ul	99
16) Anthracene	17.484	178	9779	0.415	ng/ul	99
19) Fluoranthene	19.417	202	12546	0.374	ng/ul	97
20) Pyrene	19.779	202	12944	0.384	ng/ul	98
21) Benzo(a)anthracene	21.538	228	11760	0.429	ng/ul	99
22) Chrysene	21.591	228	11804	0.406	ng/ul	99
24) Benzo(b)fluoranthene	23.248	252	11430	0.375	ng/ul	96
25) Benzo(k)fluoranthene	23.298	252	11036	0.373	ng/ul	98
26) Benzo(a)pyrene	23.891	252	9716	0.400	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.568	276	11486	0.381	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.588	278	9271	0.385	ng/ul	96
29) Benzo(g,h,i)perylene	27.356	276	9321	0.379	ng/ul	97

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

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BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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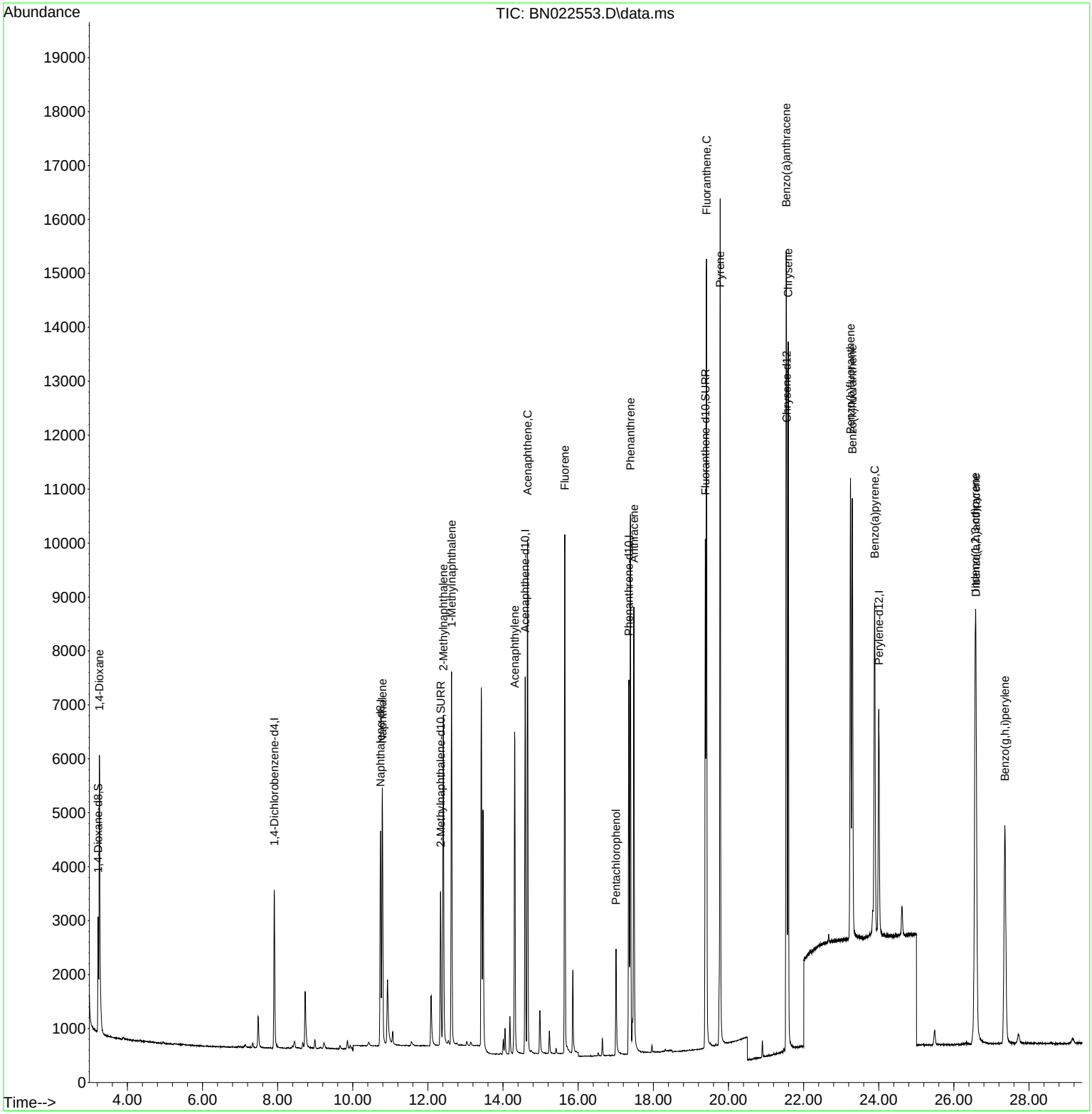
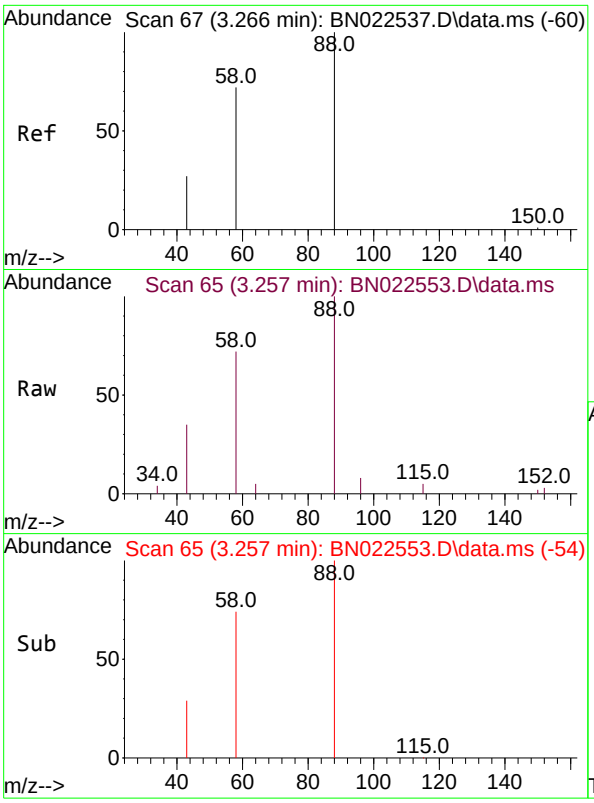


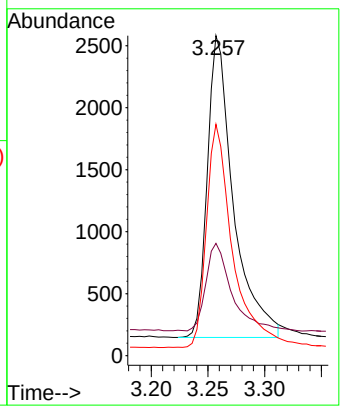


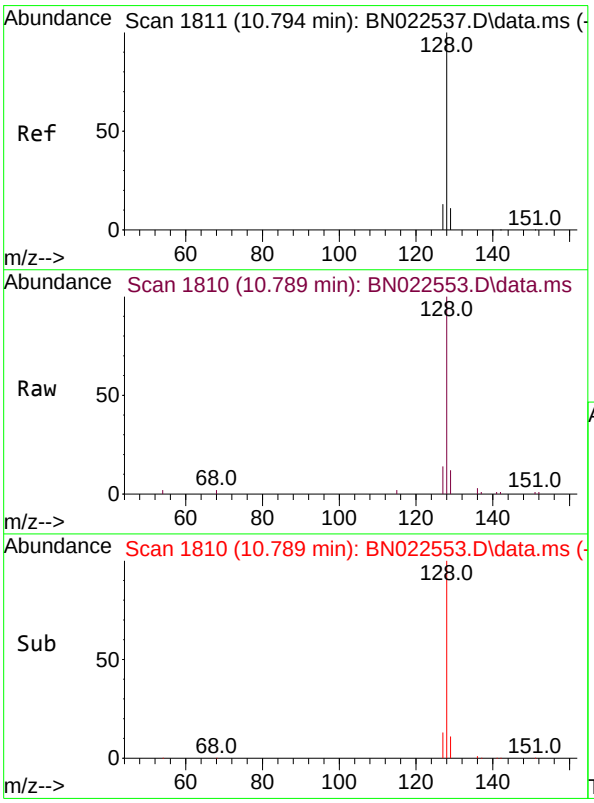
#2
1,4-Dioxane
Concen: 1.812 ng/ul
RT: 3.257 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion: 88 Resp: 3900

Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.4	41.2
58	72.3	48.2	72.2#

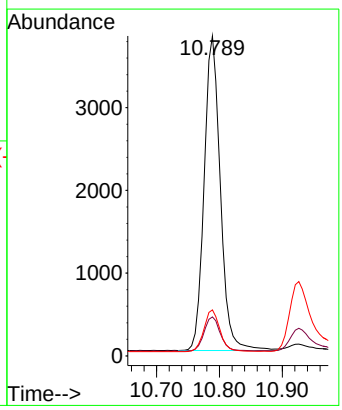


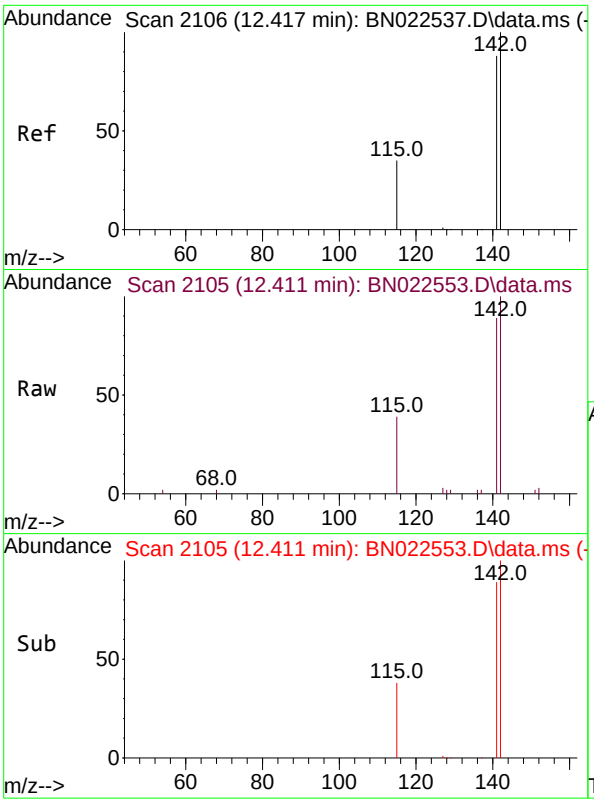


#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.789 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:128 Resp: 6819

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.3	13.9
127	14.4	10.7	16.1



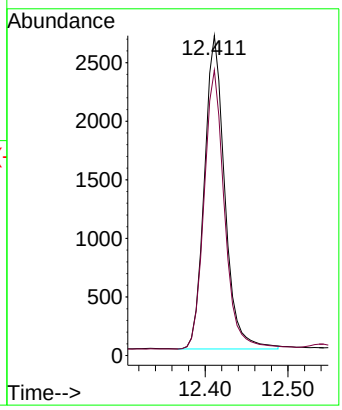


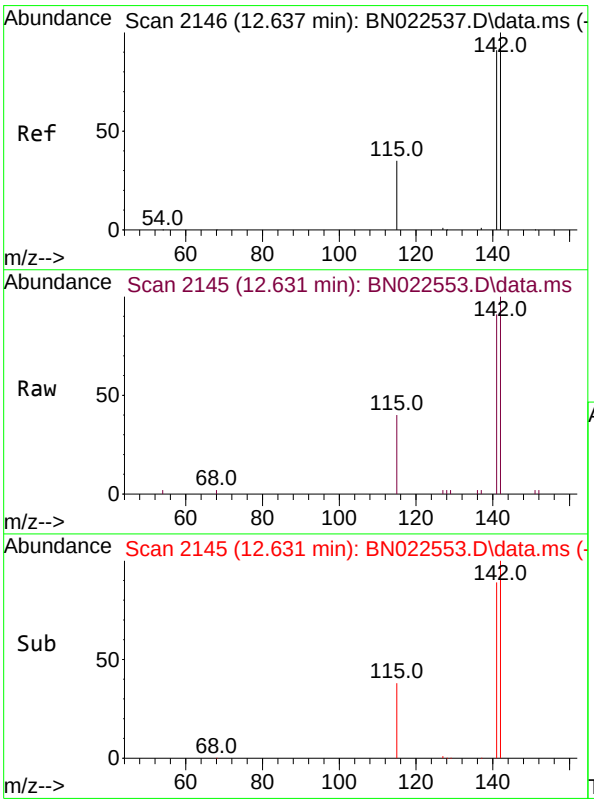
#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.411 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:142 Resp: 4570

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7

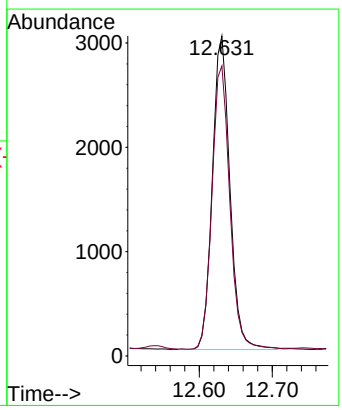


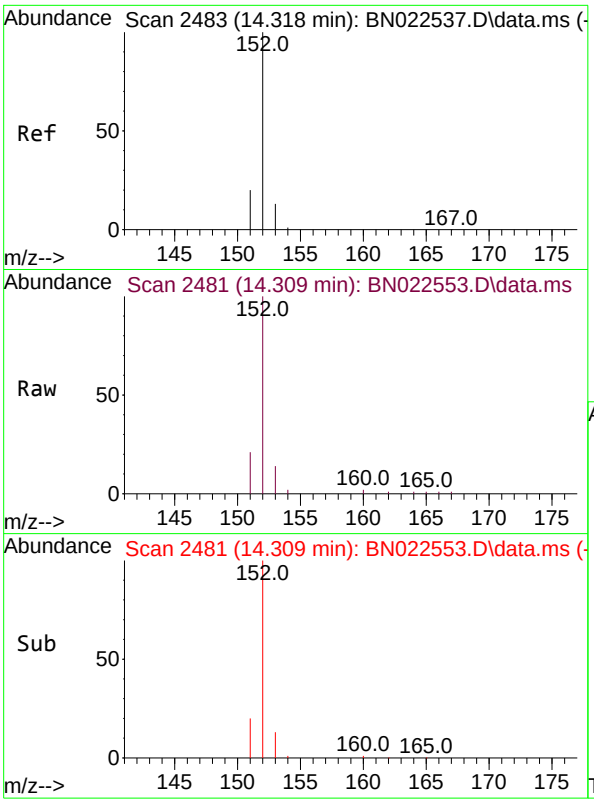


#8
1-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:142 Resp: 5012

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9



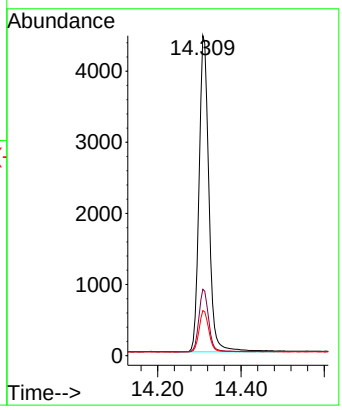


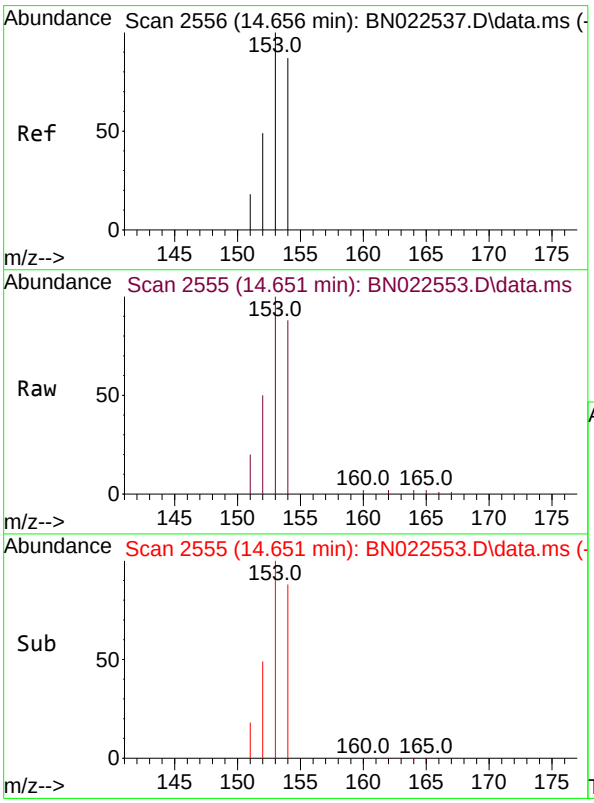
#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.309 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:152 Resp: 7245

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	14.1	10.8	16.2

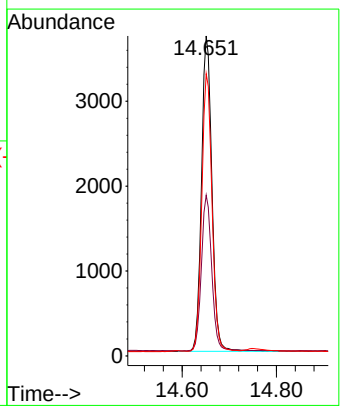


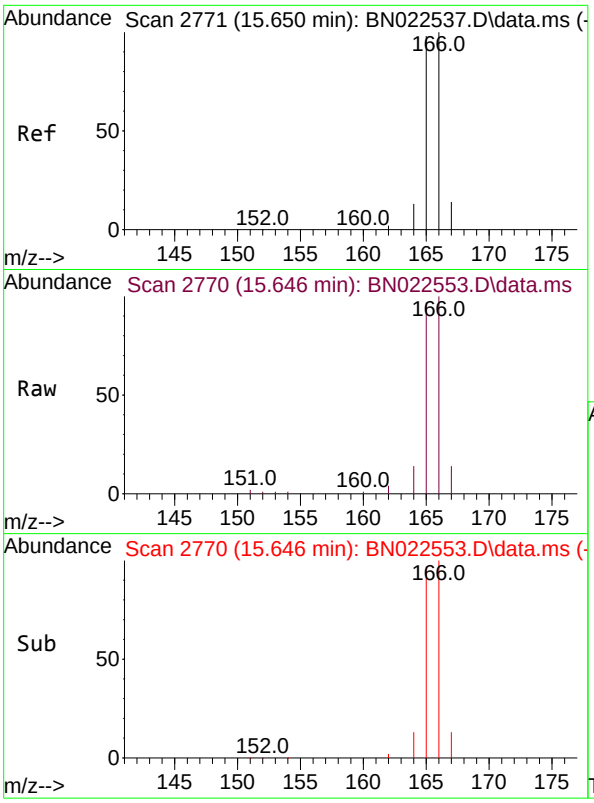


#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.009 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:153 Resp: 5694

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.6	61.0
154	88.2	70.6	106.0



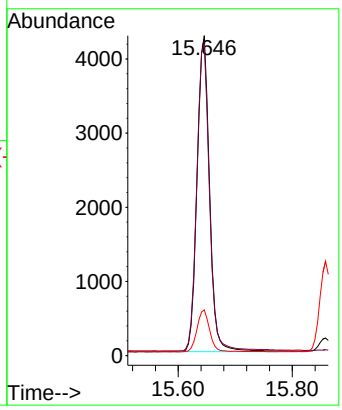


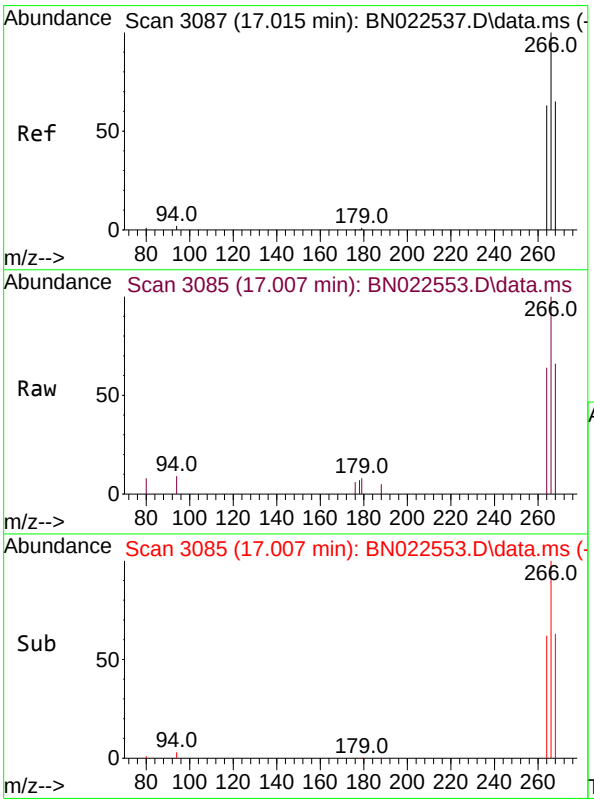
#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.646 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:166 Resp: 6455

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.2
167	14.3	11.0	16.4

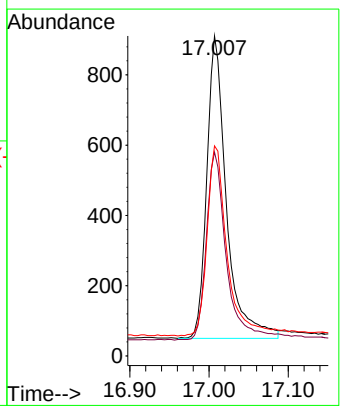


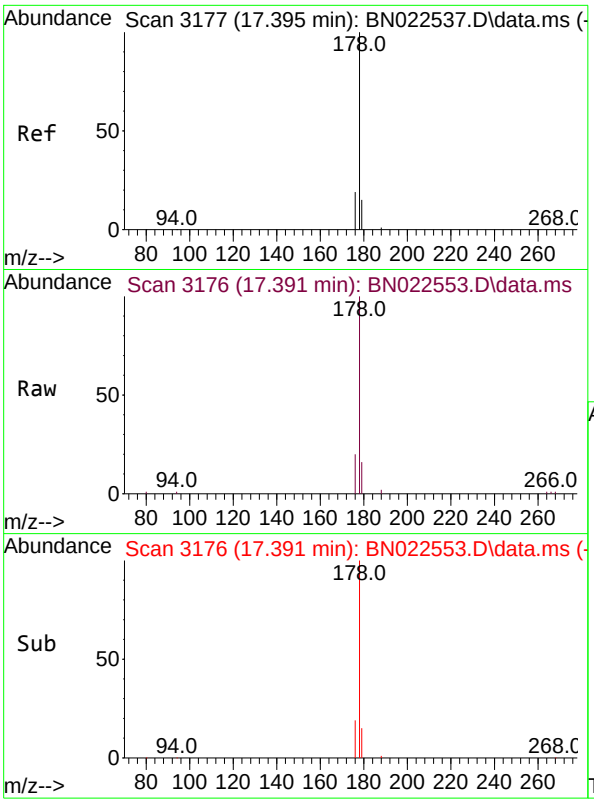


#14
Pentachlorophenol
Concen: 0.751 ng/ul
RT: 17.007 min Scan# 3085
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:266 Resp: 1487

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.8	74.6
268	64.6	51.4	77.2



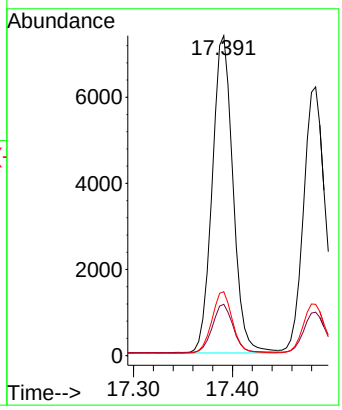


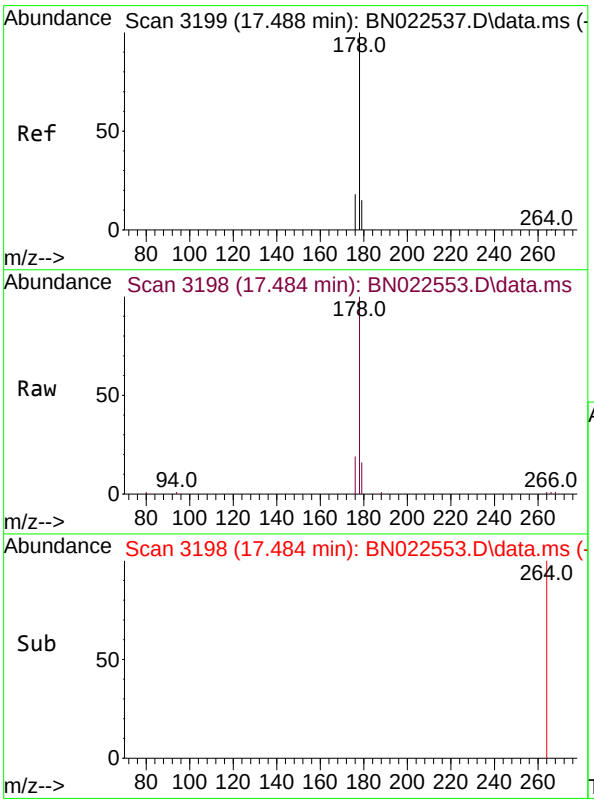
#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.391 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:178 Resp: 10767

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	20.0	15.4	23.2

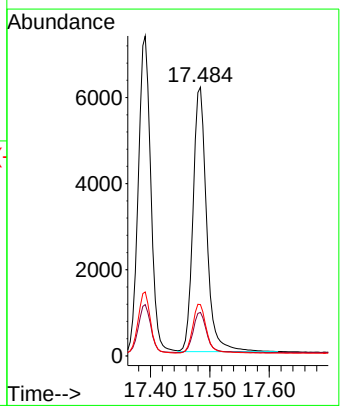


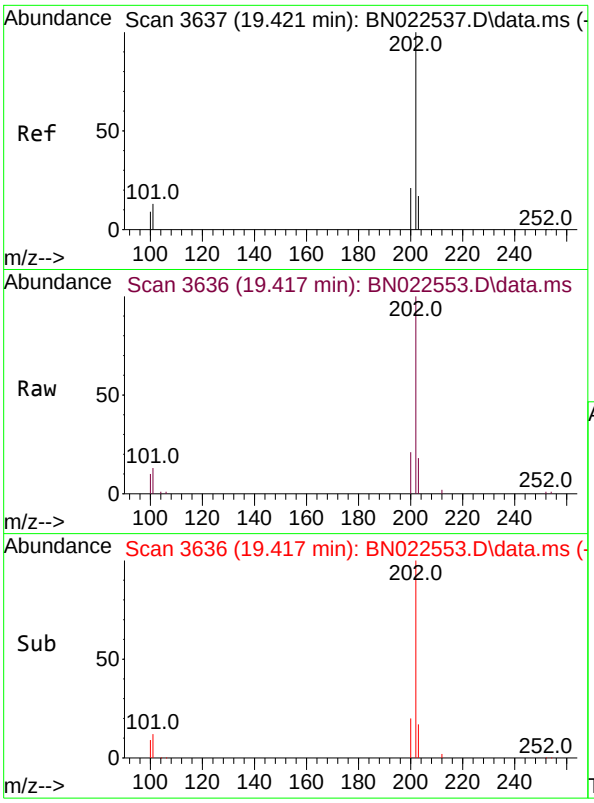


#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.484 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:178 Resp: 9779

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	19.1	15.0	22.6



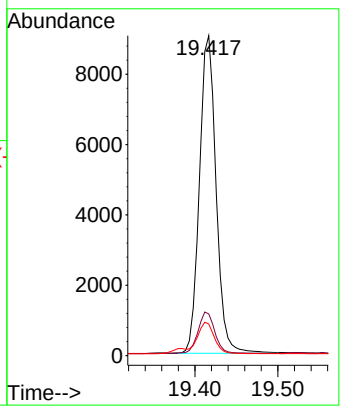


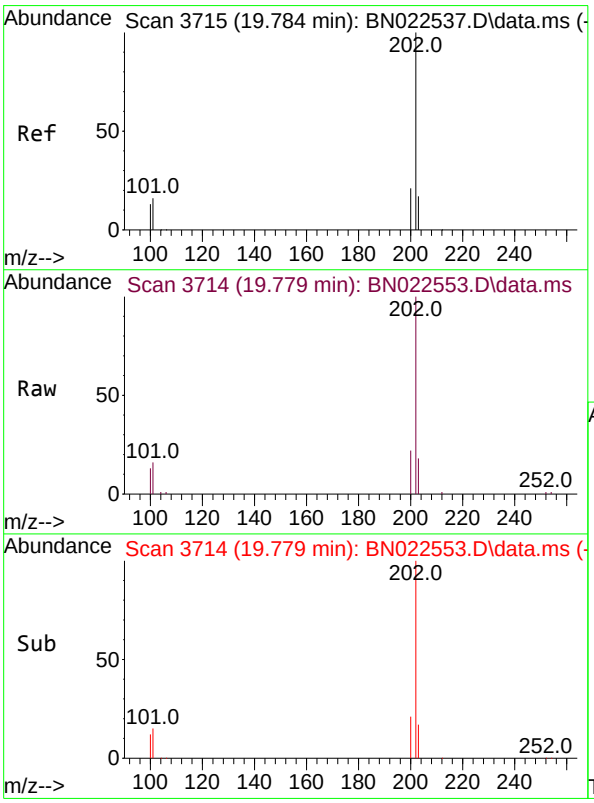
#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.417 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:202 Resp: 12546

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.8	17.6
100	9.9	8.7	13.1

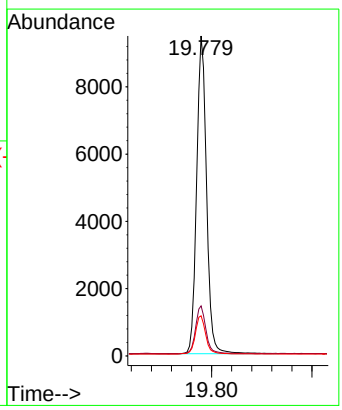


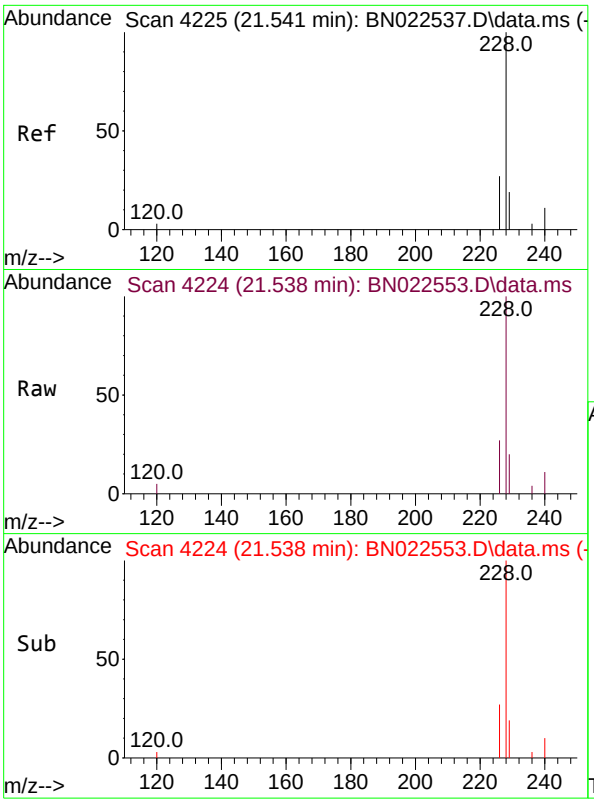


#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.779 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:202 Resp: 12944

Ion	Ratio	Lower	Upper
202	100		
101	15.6	13.1	19.7
100	12.5	10.6	16.0



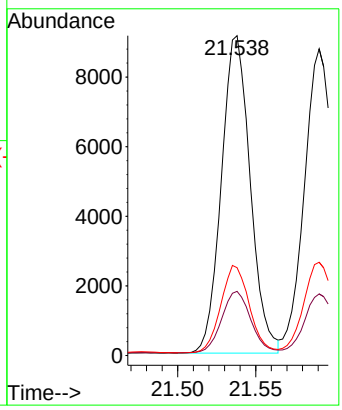


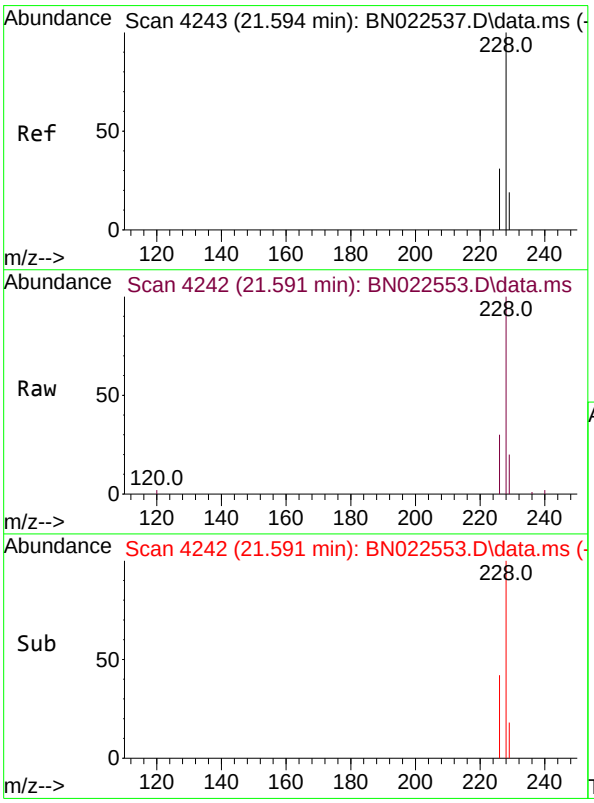
#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.538 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:228 Resp: 11760

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.5	21.5	32.3

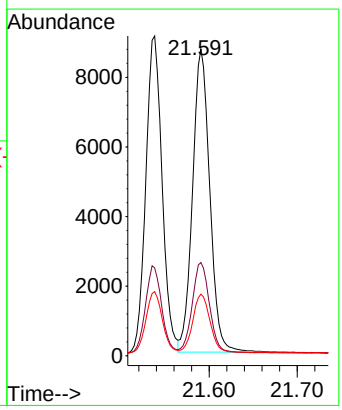


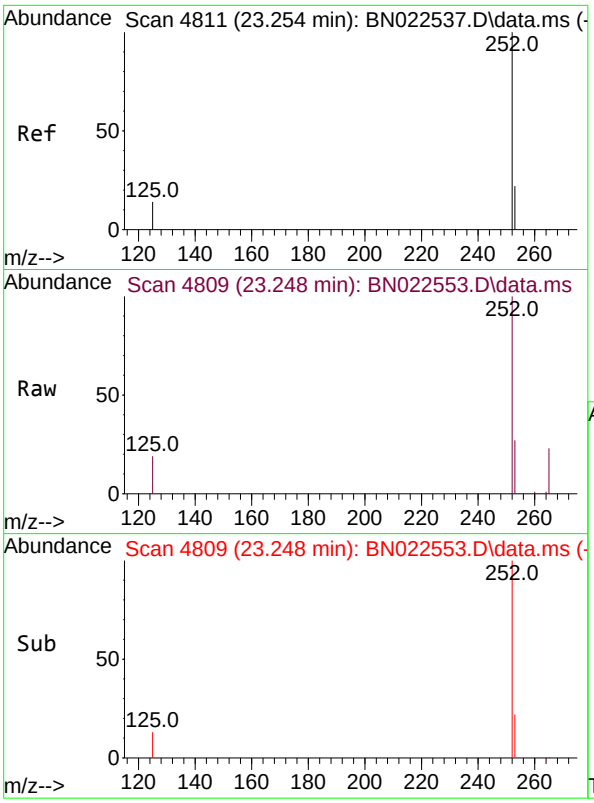


#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.591 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:228 Resp: 11804

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.1	15.9	23.9



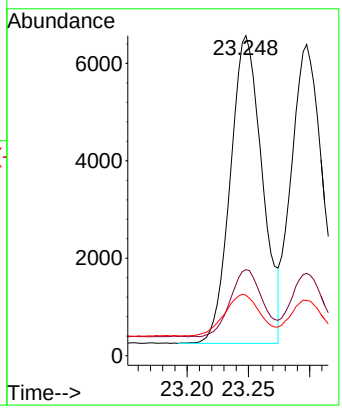


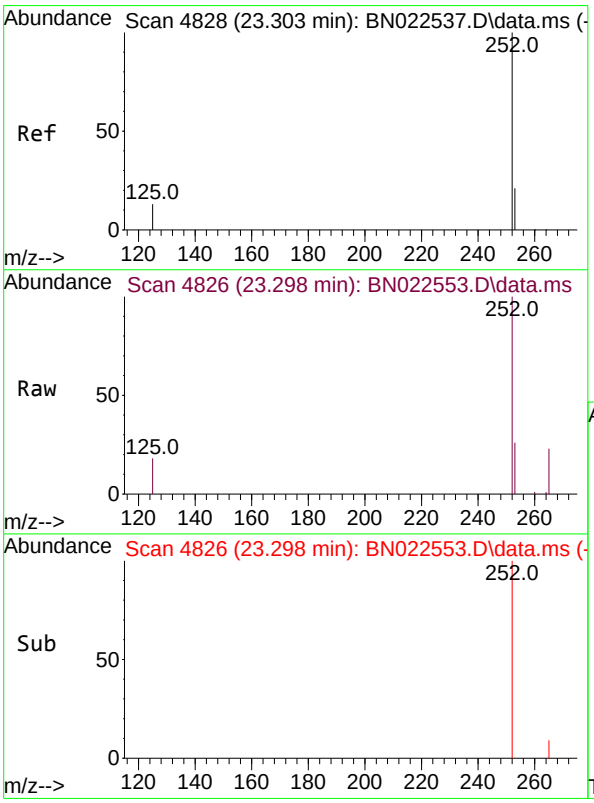
#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.248 min Scan# 48
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:252 Resp: 11430

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	49.0
125	18.9	0.0	35.2

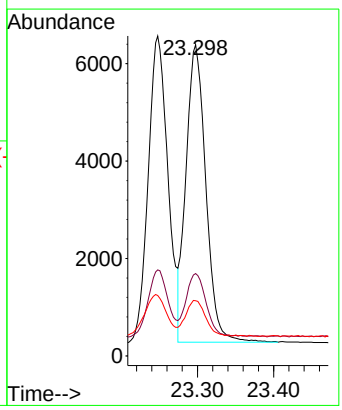


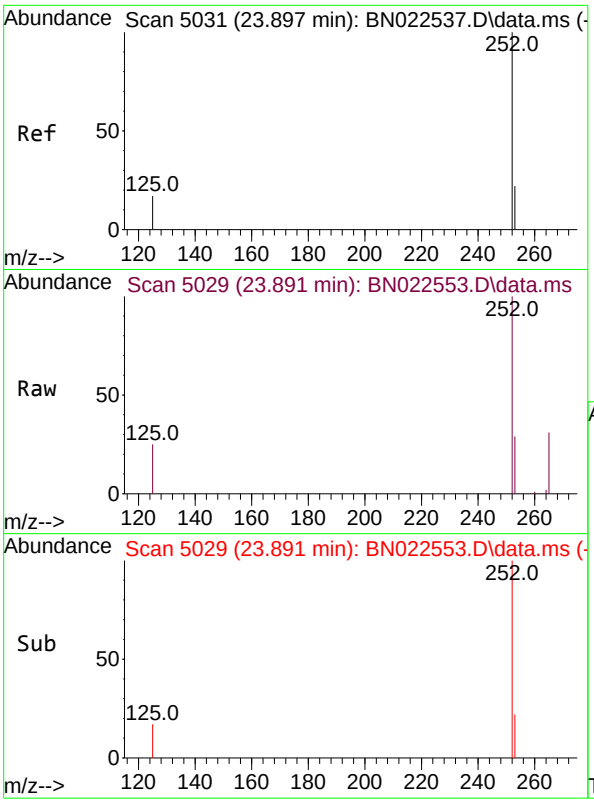


#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.298 min Scan# 4826
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:252 Resp: 11036

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.7	29.5
125	17.7	14.0	21.0



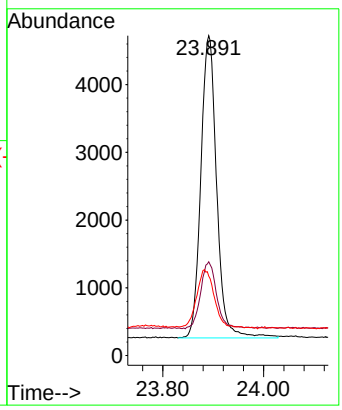


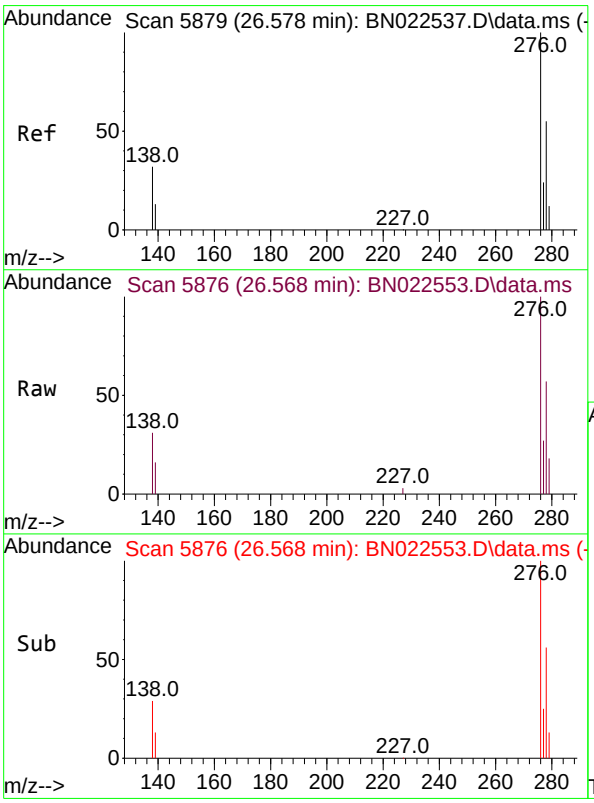
#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.891 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:252 Resp: 9716

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.0	31.6
125	24.8	17.9	26.9

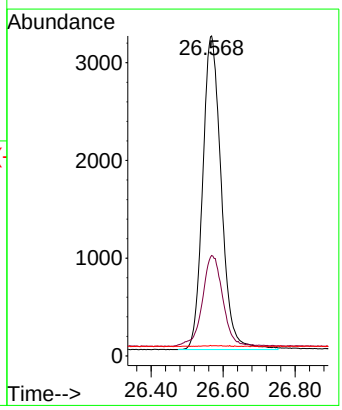


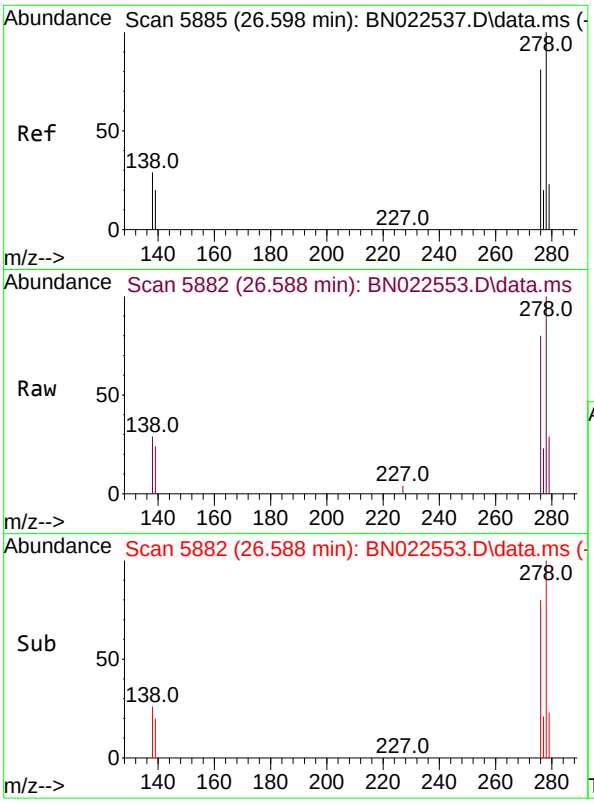


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.568 min Scan# 5876
Delta R.T. -0.004 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:276 Resp: 11486

Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.7	41.5
227	0.1	0.2	0.2#



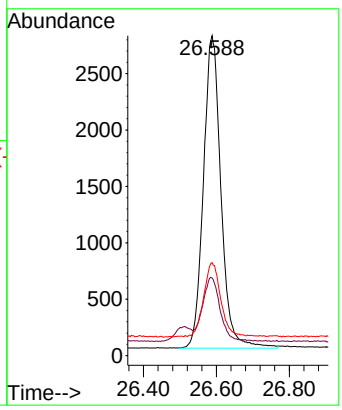


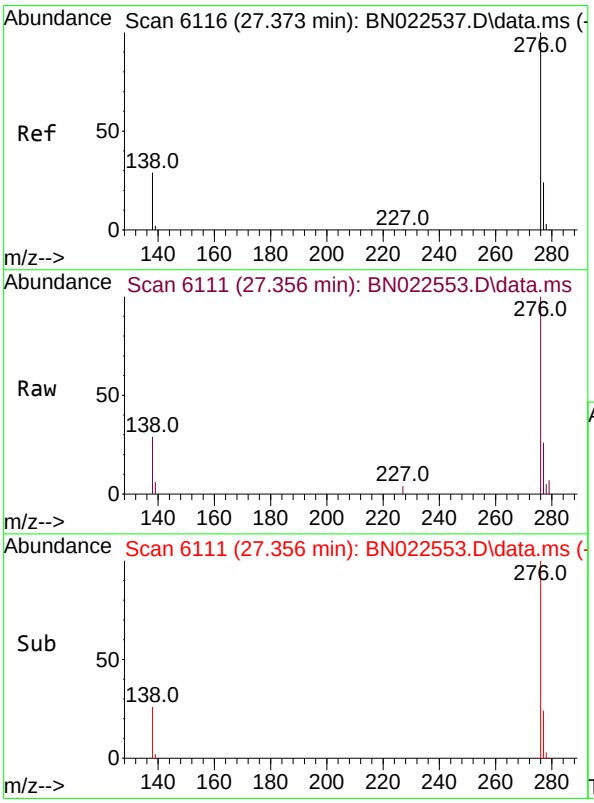
#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.588 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Instrument :
BNA_N
ClientSampleId :
SLCS828

Tgt Ion:278 Resp: 9271

Ion	Ratio	Lower	Upper
278	100		
139	24.2	19.6	29.4
279	29.1	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 27.356 min Scan# 6111
Delta R.T. -0.003 min
Lab File: BN022553.D
Acq: 08 Nov 2022 08:11

Tgt Ion:276 Resp: 9321

Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.2	37.8
277	26.3	19.9	29.9