Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
Data File : BN030514.D
Acq On : 27 Mar 2024 20:32
Operator : MA/JU
Sample : PB159786BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS786

Quant Time: Mar 27 23:33:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 15:11:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.507	136	17316	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.358	164	10713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	25417	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	20971	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	18049	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	4840	0.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.096	152	10537	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	26024	0.401	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	12352	2.005	ng/ul#	83
5) Naphthalene	10.557	128	18981	0.402	ng/ul	100
7) 2-Methylnaphthalene	12.173	142	12913	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.393	142	13071	0.396	ng/ul	100
10) Acenaphthylene	14.076	152	20023	0.414	ng/ul	99
11) Acenaphthene	14.423	153	15008	0.399	ng/ul	98
12) Fluorene	15.408	166	17889	0.403	ng/ul	99
14) Pentachlorophenol	16.749	266	4188	0.901	ng/ul	100
15) Phenanthrene	17.146	178	30582	0.401	ng/ul	99
16) Anthracene	17.238	178	27182	0.423	ng/ul	99
19) Fluoranthene	19.165	202	35082	0.406	ng/ul	98
20) Pyrene	19.527	202	36588	0.430	ng/ul	98
21) Benzo(a)anthracene	21.280	228	30923	0.427	ng/ul	100
22) Chrysene	21.333	228	33550	0.420	ng/ul	100
24) Benzo(b)fluoranthene	22.864	252	29957	0.408	ng/ul	99
25) Benzo(k)fluoranthene	22.911	252	32702	0.422	ng/ul	99
26) Benzo(a)pyrene	23.443	252	26324	0.441	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.816	276	29068	0.431	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.833	278	23295	0.435	ng/ul	98
29) Benzo(g,h,i)perylene	26.510	276	23342	0.407	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
Data File : BN030514.D
Acq On : 27 Mar 2024 20:32
Operator : MA/JU
Sample : PB159786BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
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SLCS786

Quant Time: Mar 27 23:33:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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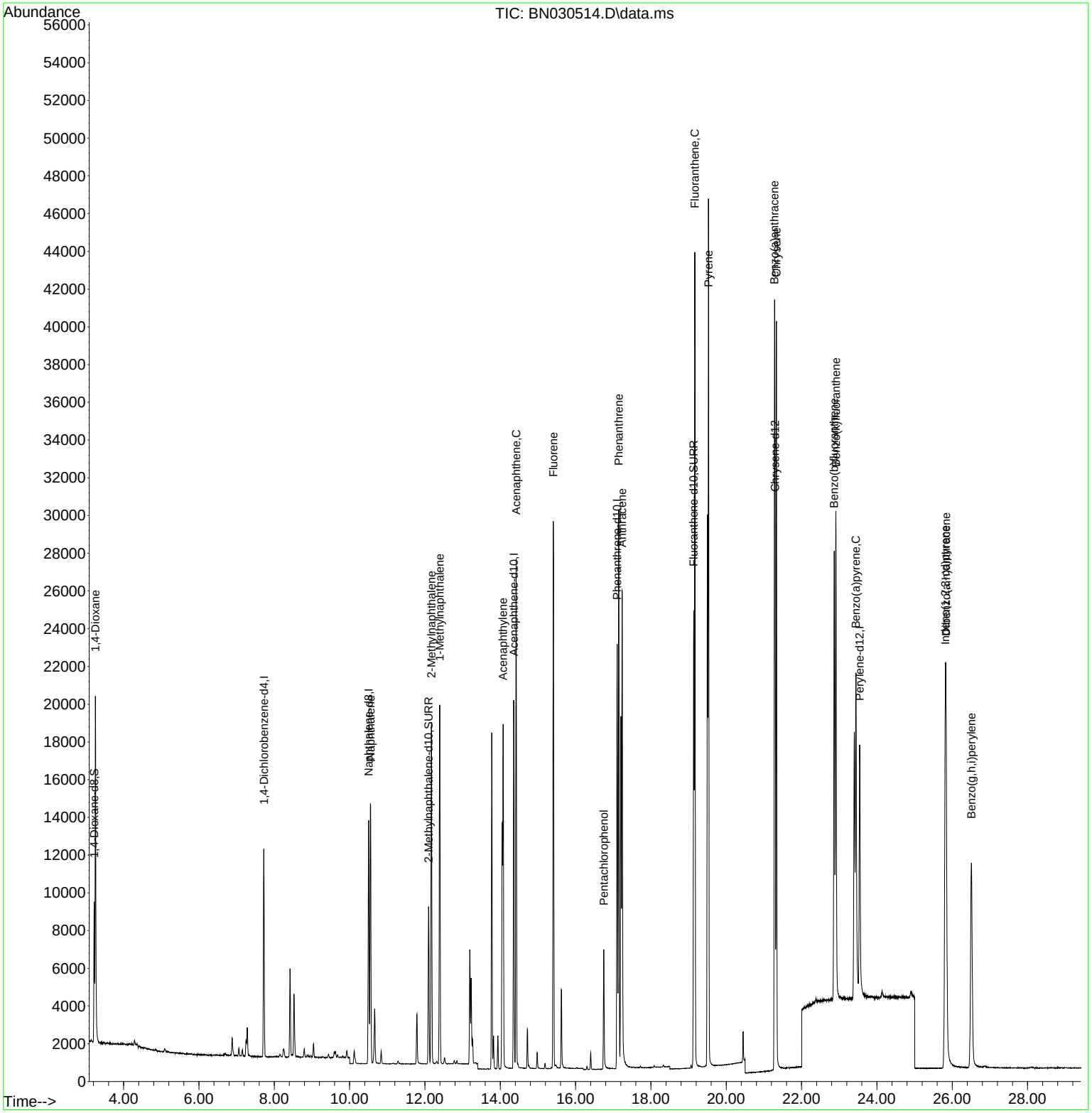
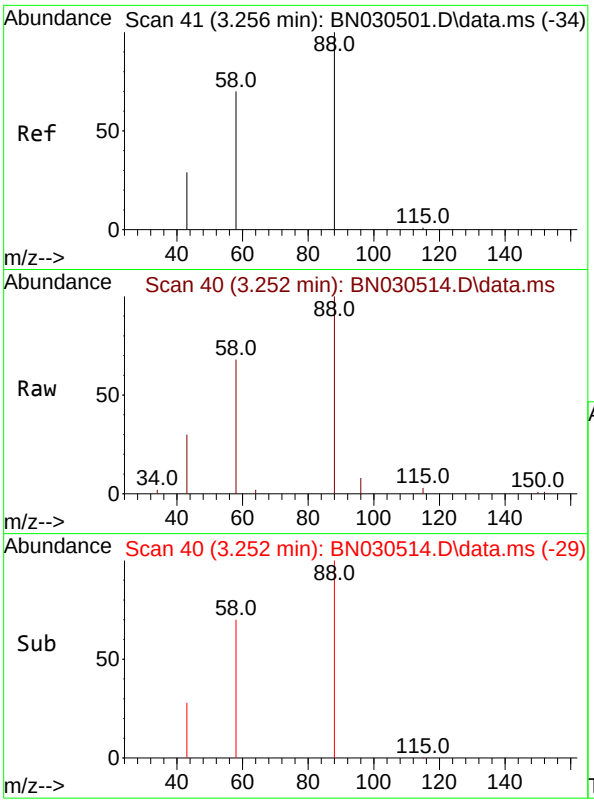
Response via : Initial Calibration



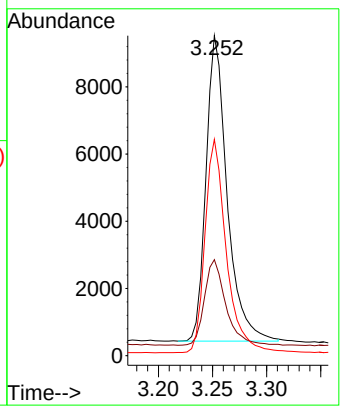


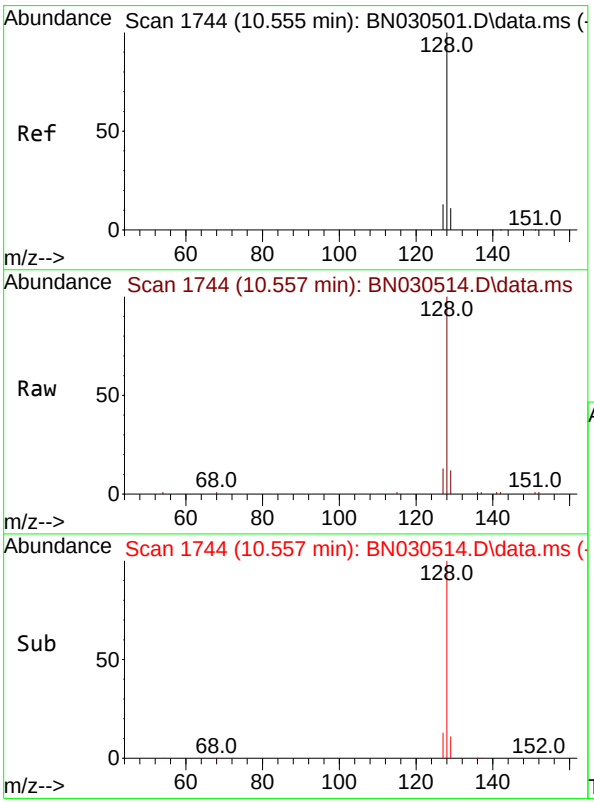
#2
1,4-Dioxane
Concen: 2.005 ng/ul
RT: 3.252 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion: 88 Resp: 12352

Ion	Ratio	Lower	Upper
88	100		
43	30.0	22.9	34.3
58	67.6	40.3	60.5#

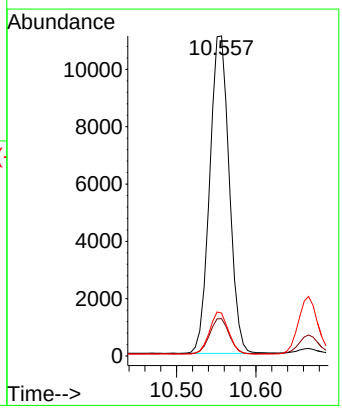


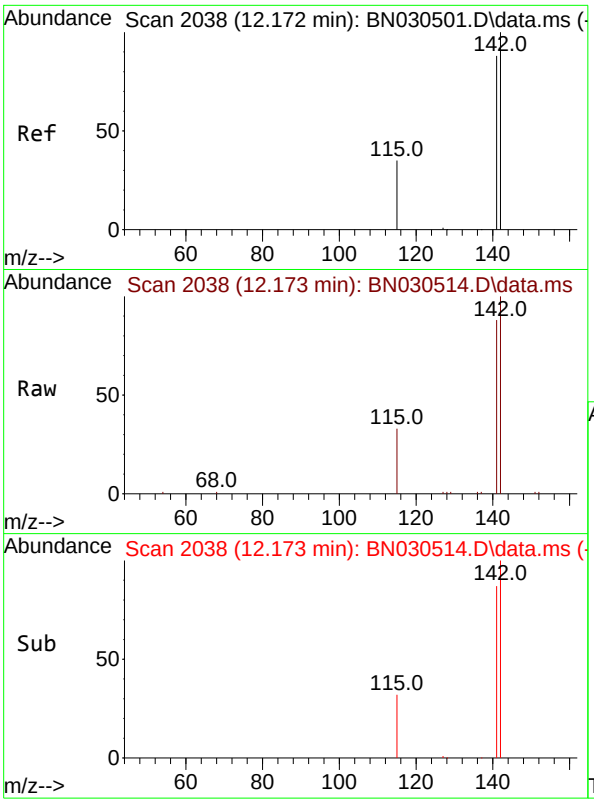


#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.557 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:128 Resp: 18981

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.4	10.7	16.1



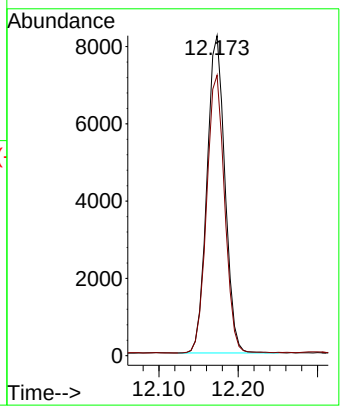


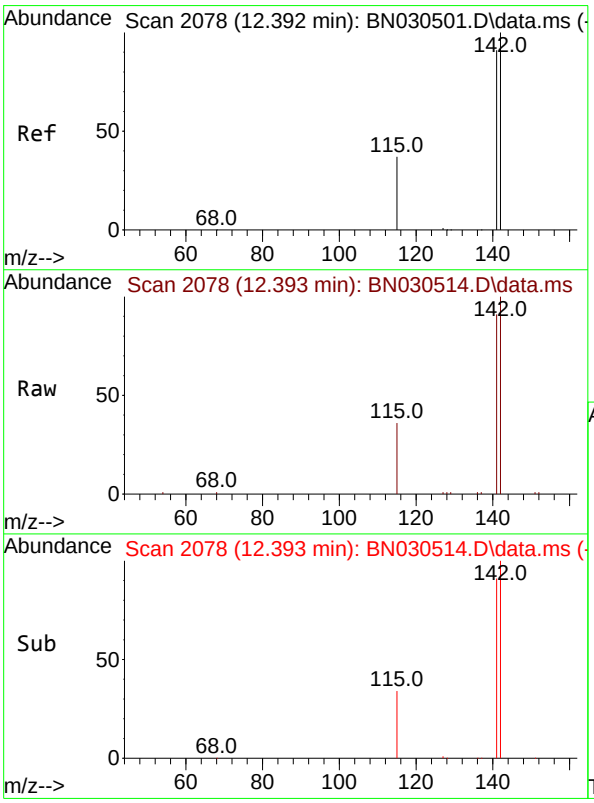
#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.173 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:142 Resp: 12913

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6

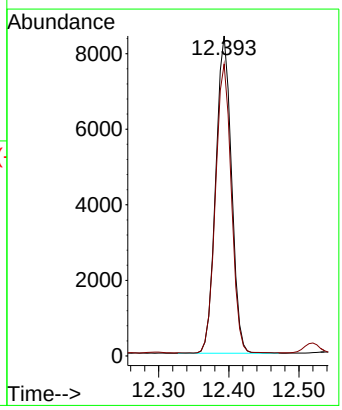


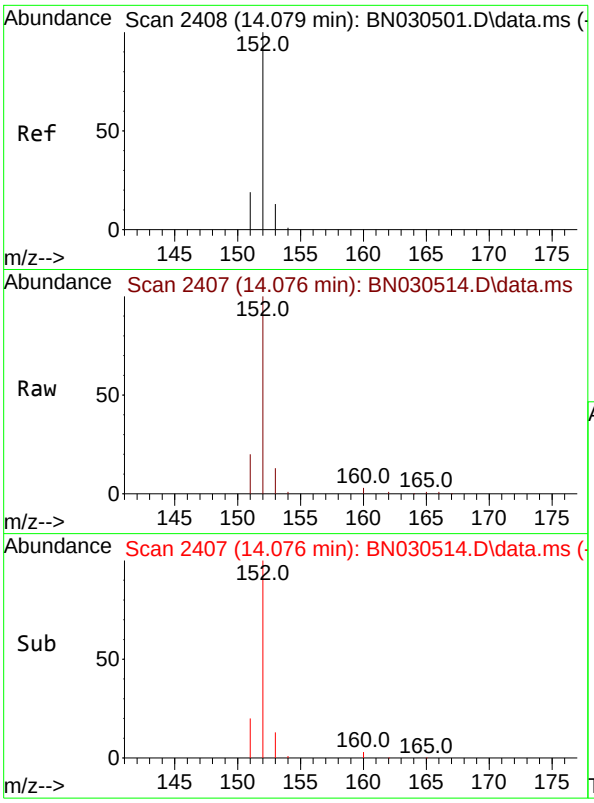


#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:142 Resp: 13071

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.3	109.9



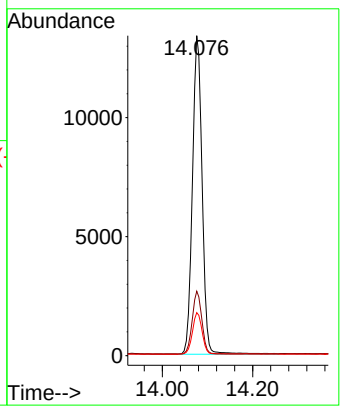


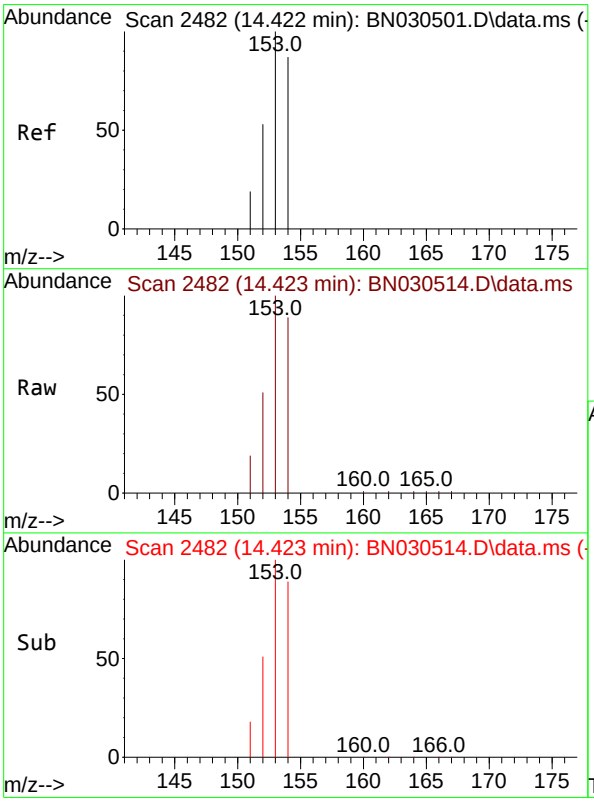
#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.076 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:152 Resp: 20023

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.4	10.8	16.2

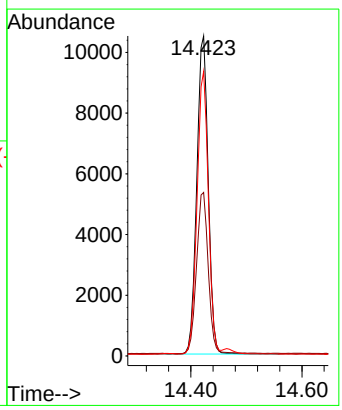


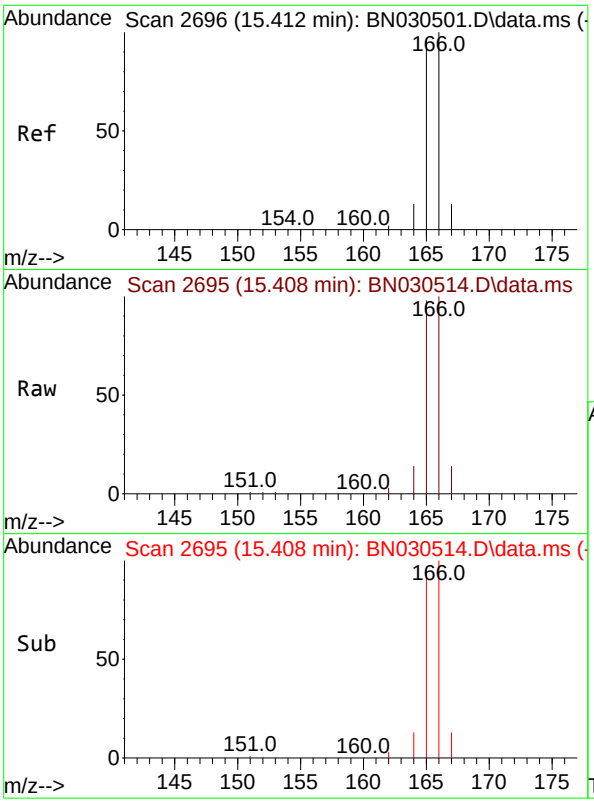


#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:153 Resp: 15008

Ion	Ratio	Lower	Upper
153	100		
152	51.1	42.9	64.3
154	88.9	69.8	104.8



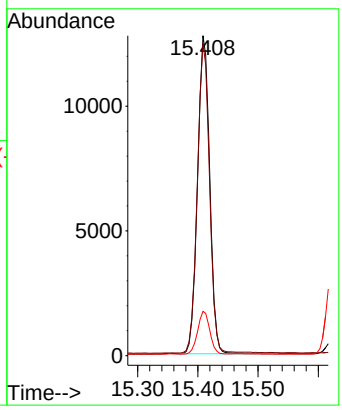


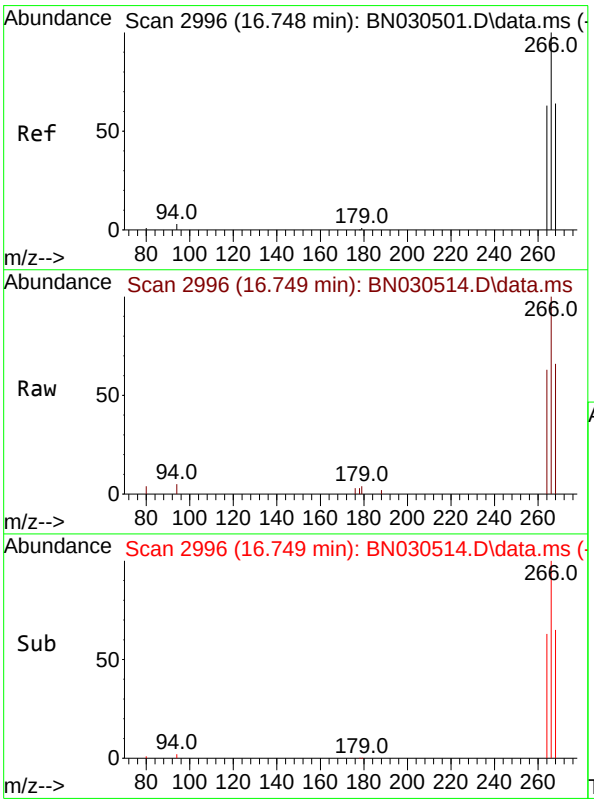
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.408 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:166 Resp: 17889

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.8	11.0	16.6

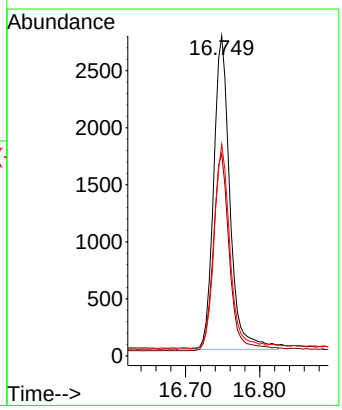


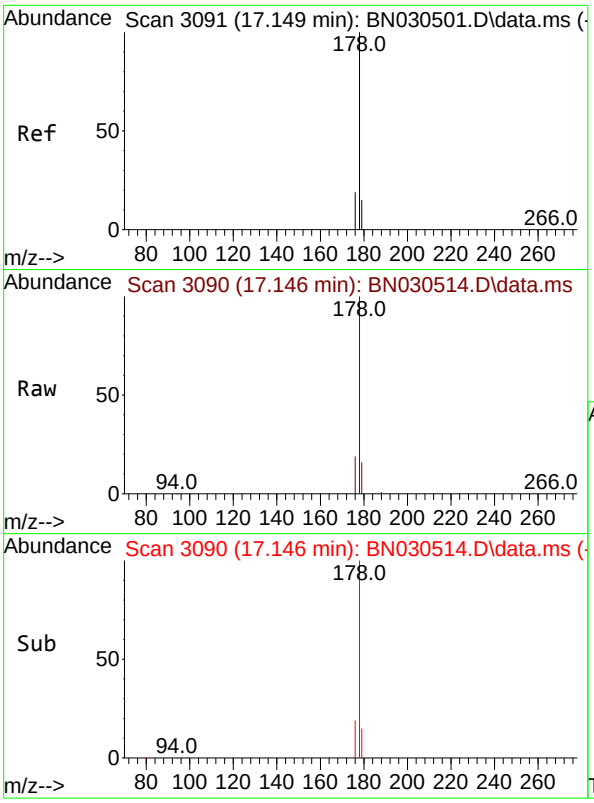


#14
Pentachlorophenol
Concen: 0.901 ng/ul
RT: 16.749 min Scan# 2996
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:266 Resp: 4188

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.0	75.0
268	63.8	51.0	76.6



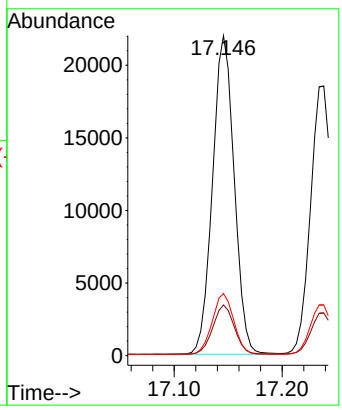


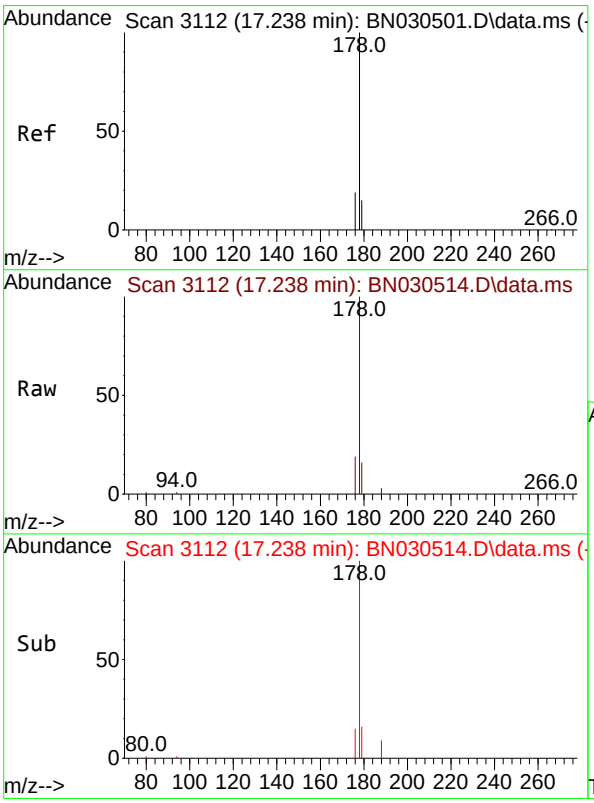
#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.146 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:178 Resp: 30582

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.4	15.4	23.0

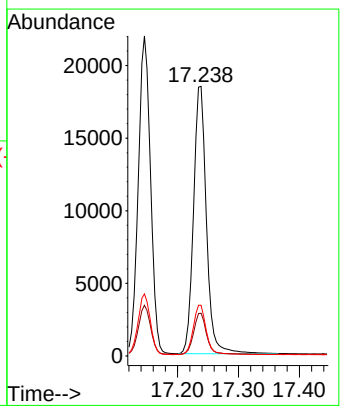


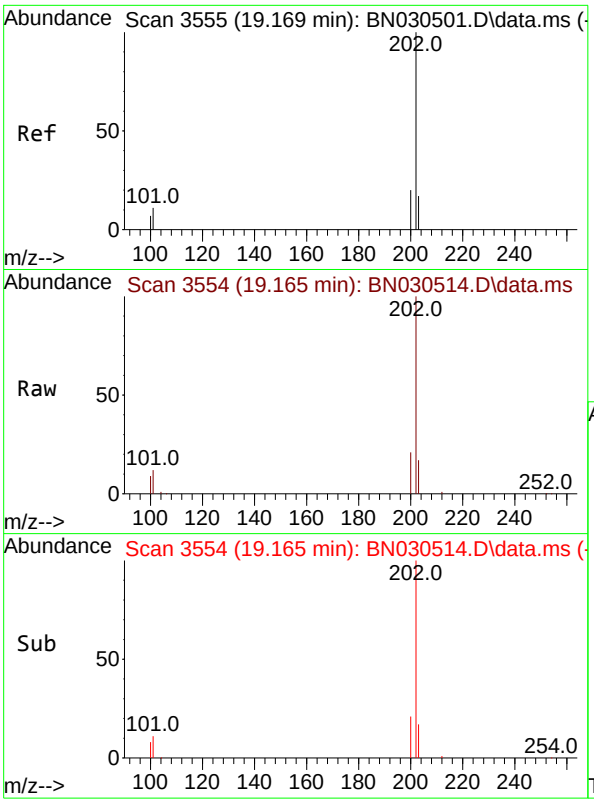


#16
Anthracene
Concen: 0.423 ng/ul
RT: 17.238 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:178 Resp: 27182

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	18.8	15.3	22.9



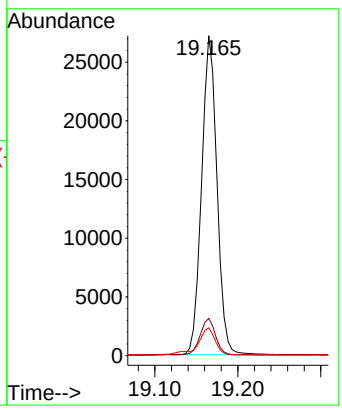


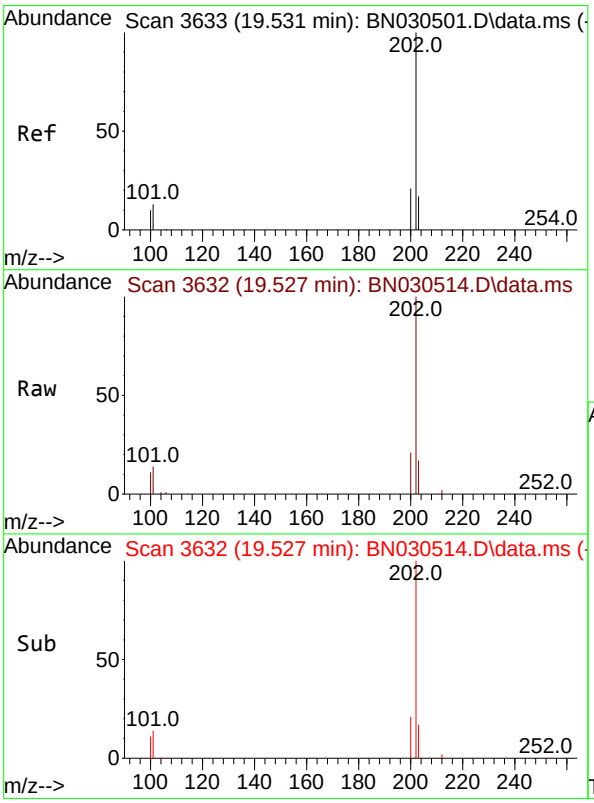
#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.165 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:202 Resp: 35082

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.6	9.8

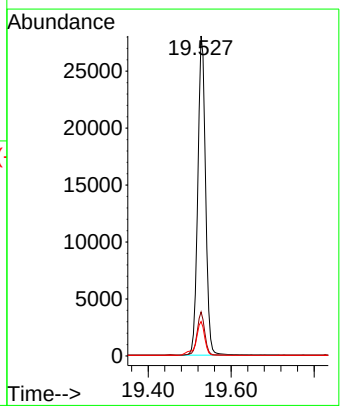


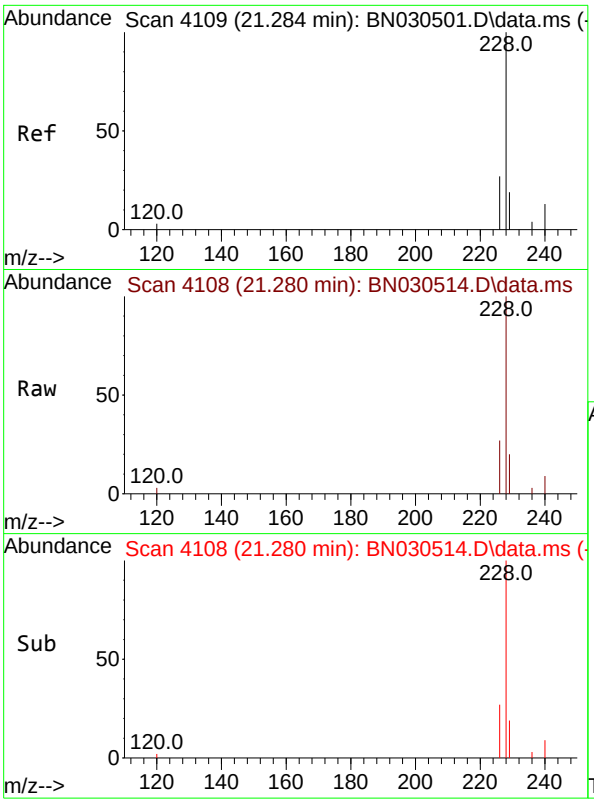


#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.527 min Scan# 3632
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:202 Resp: 36588

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	10.7	8.2	12.2





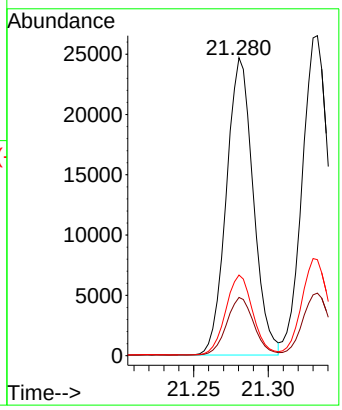
#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.280 min Scan# 4

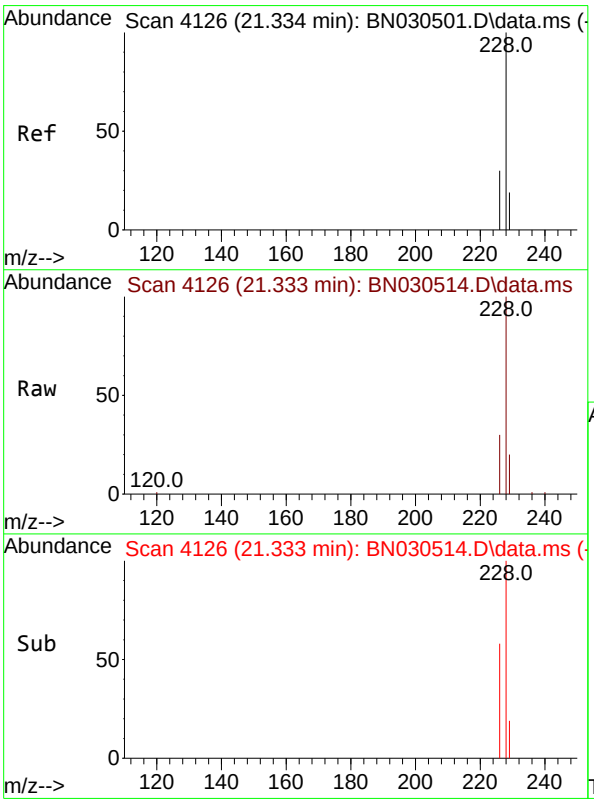
Instrument :
BNA_N
ClientSampleId :
SLCS786

Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:228 Resp: 30923

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	27.1	21.5	32.3

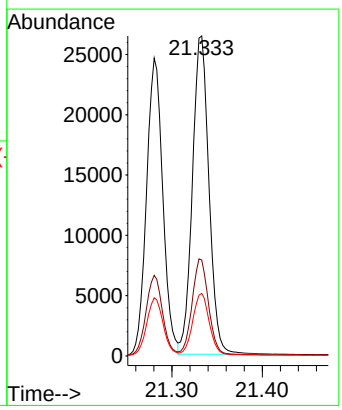


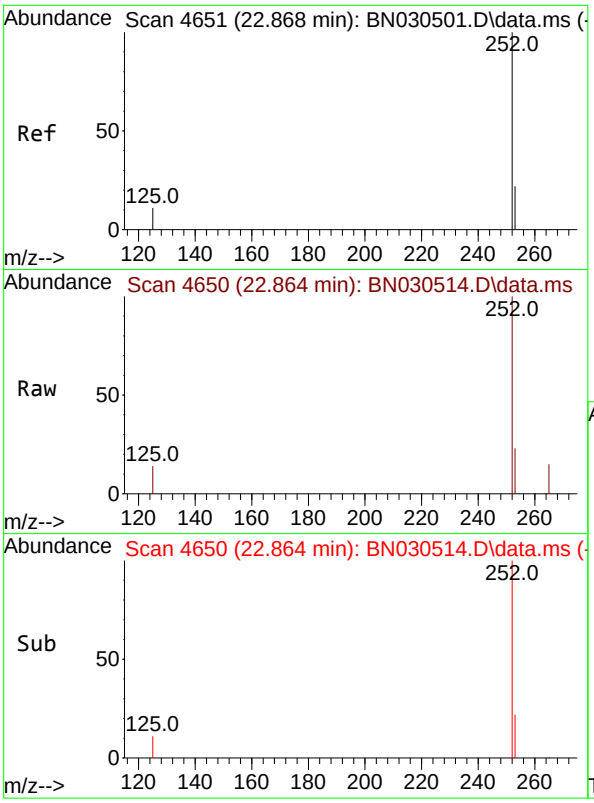


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.333 min Scan# 4126
Delta R.T. -0.001 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:228 Resp: 33550

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.6	15.6	23.4



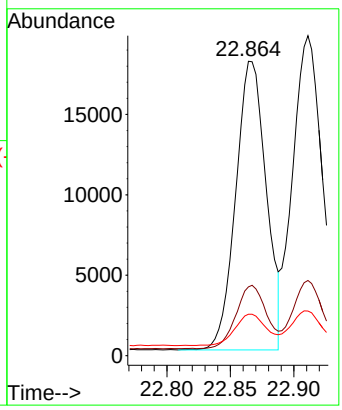


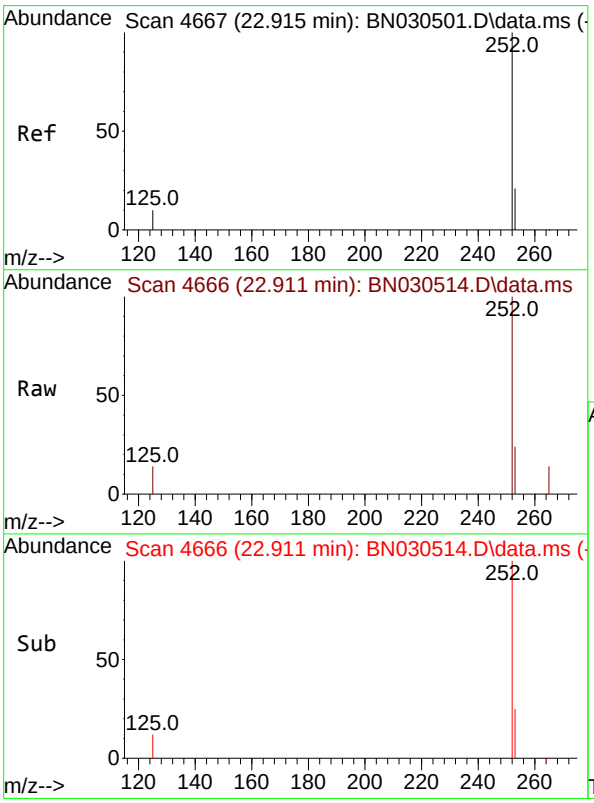
#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.864 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:252 Resp: 29957

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	47.4
125	14.1	0.0	28.4

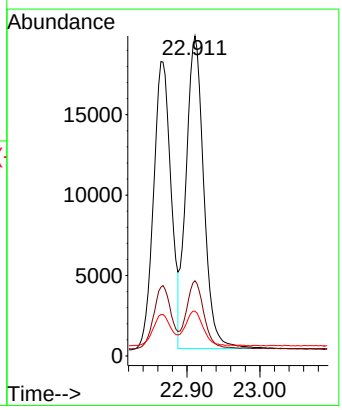


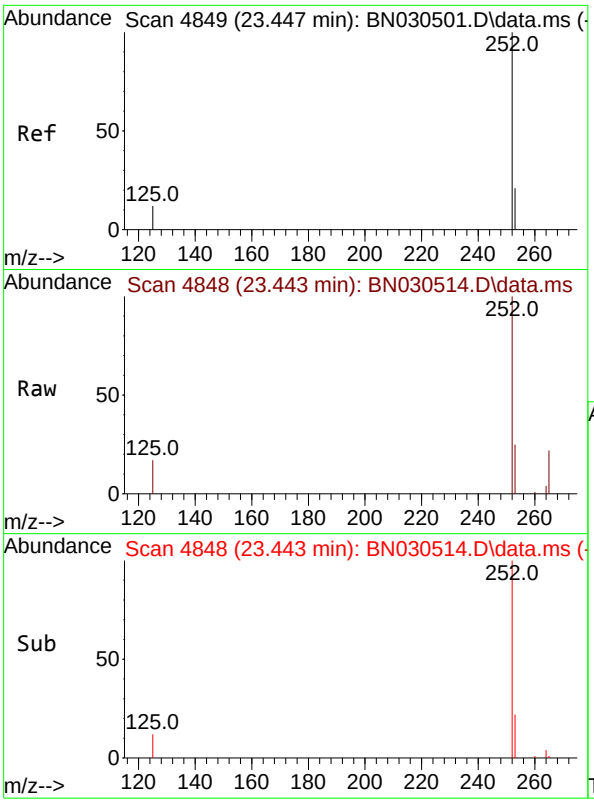


#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.911 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:252 Resp: 32702

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	13.9	11.6	17.4



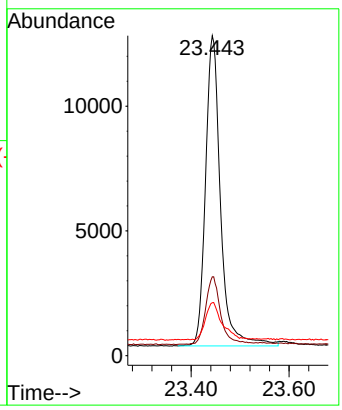


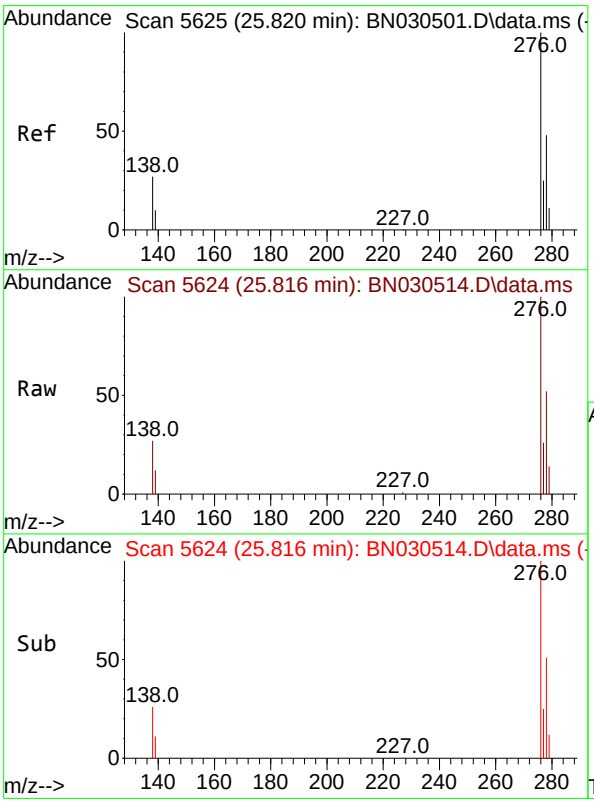
#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.443 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:252 Resp: 26324

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.6	29.4
125	16.5	14.3	21.5

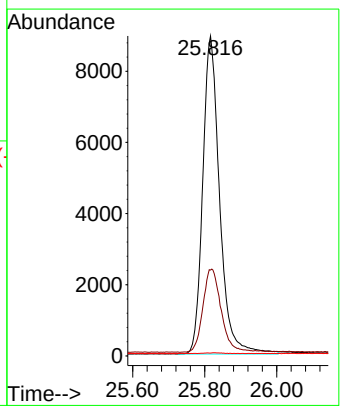


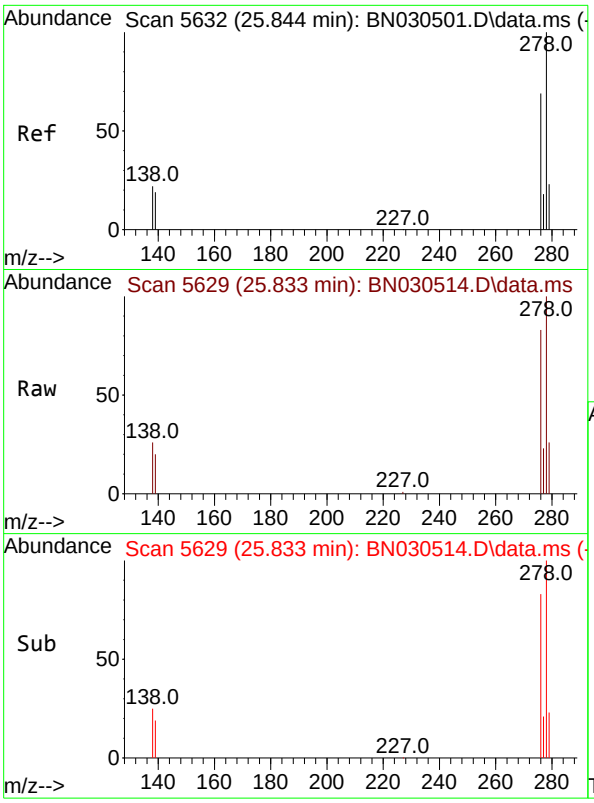


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 25.816 min Scan# 5624
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:276 Resp: 29068

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.3	34.9
227	0.2	0.1	0.1#



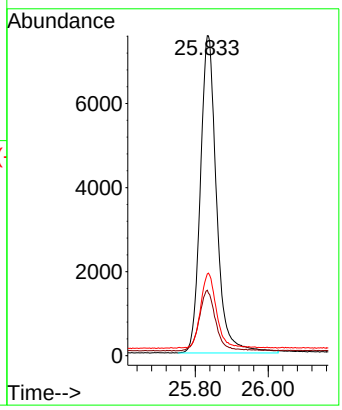


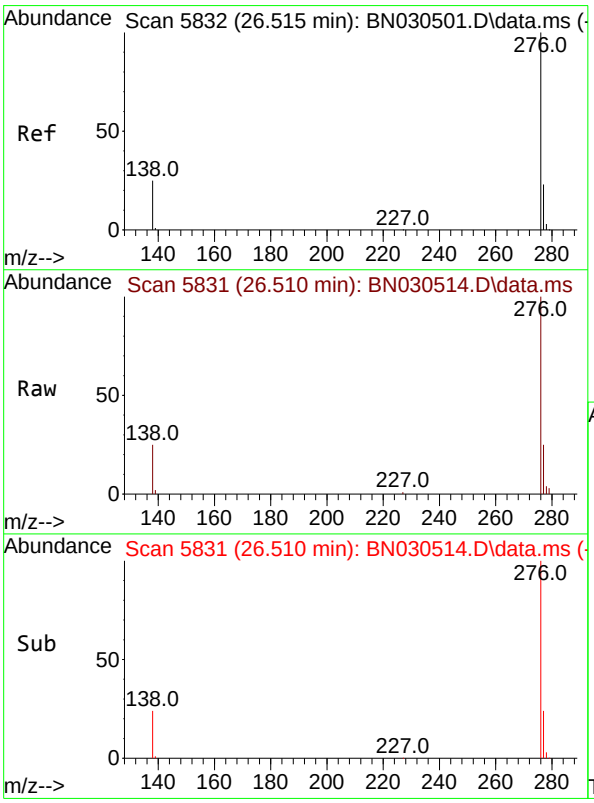
#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 25.833 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:278 Resp: 23295

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.5	24.7
279	25.6	21.6	32.4





#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.510 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN030514.D
Acq: 27 Mar 2024 20:32

Tgt Ion:276 Resp: 23342

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.1	31.7
277	25.3	19.8	29.8