Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024227.D
Acq On : 10 Mar 2023 08:29
Operator : CG/JU
Sample : PB151261BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS261

Quant Time: Mar 11 00:06:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	9800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	20162	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	15752	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	13075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	5192	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9326	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	17331	0.413	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	13679	1.786	ng/ul	89
5) Naphthalene	10.916	128	19840	0.426	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	12112	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	12757	0.430	ng/ul	100
10) Acenaphthylene	14.407	152	16652	0.407	ng/ul	100
11) Acenaphthene	14.749	153	13166	0.418	ng/ul	99
12) Fluorene	15.730	166	14274	0.406	ng/ul	99
14) Pentachlorophenol	17.071	266	4271	0.763	ng/ul#	73
15) Phenanthrene	17.468	178	23980	0.415	ng/ul	100
16) Anthracene	17.561	178	20123	0.397	ng/ul	100
19) Fluoranthene	19.483	202	26014	0.415	ng/ul	100
20) Pyrene	19.845	202	26569	0.418	ng/ul	100
21) Benzo(a)anthracene	21.600	228	21171	0.412	ng/ul	100
22) Chrysene	21.656	228	23453	0.432	ng/ul	100
24) Benzo(b)fluoranthene	23.357	252	22106	0.443	ng/ul	99
25) Benzo(k)fluoranthene	23.410	252	21969	0.424	ng/ul	98
26) Benzo(a)pyrene	24.018	252	17915	0.417	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.767	276	19426	0.401	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.790	278	13923	0.378	ng/ul	97
29) Benzo(g,h,i)perylene	27.582	276	17939	0.427	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024227.D
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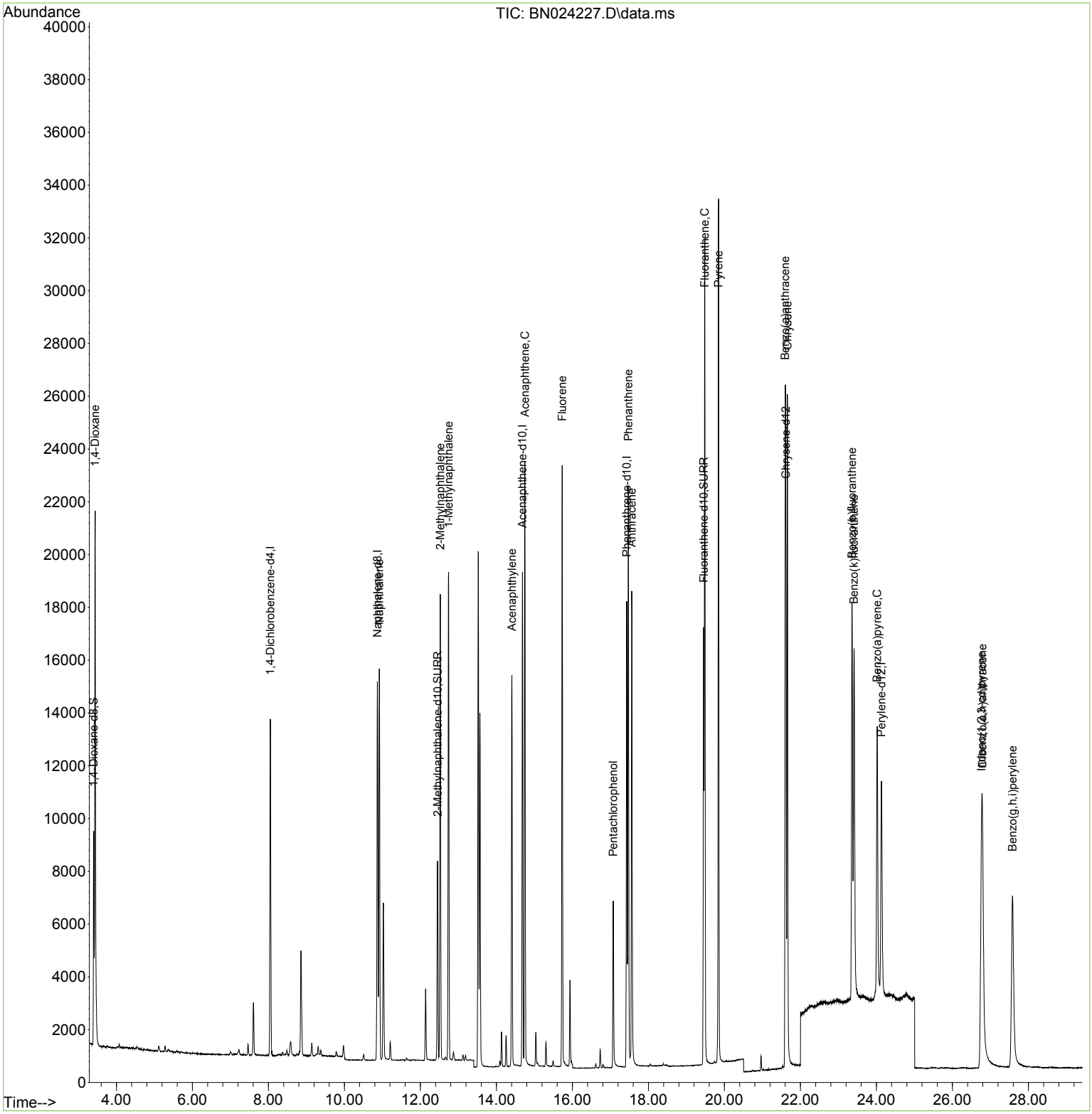
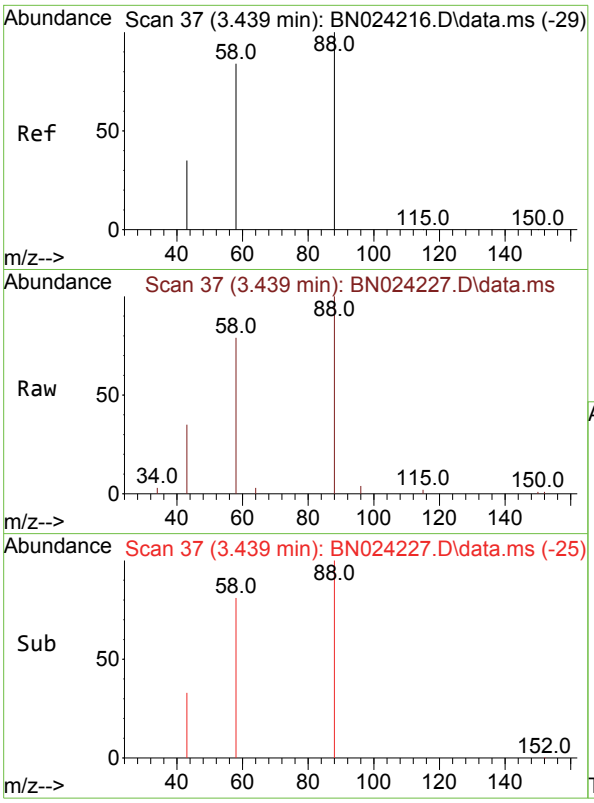
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration



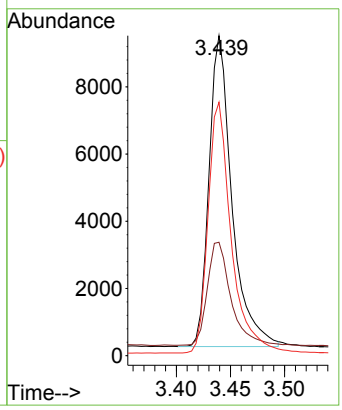


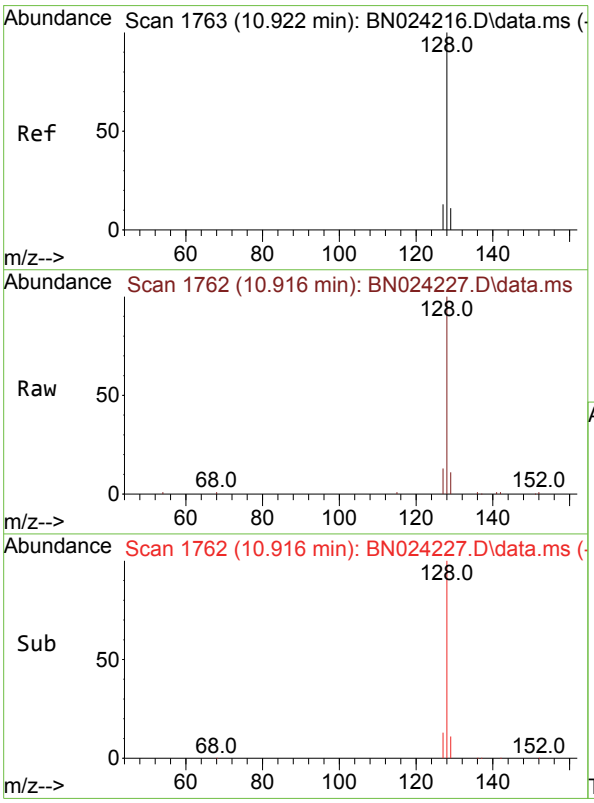
#2
1,4-Dioxane
Concen: 1.786 ng/ul
RT: 3.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion: 88 Resp: 13679

Ion	Ratio	Lower	Upper
88	100		
43	35.4	32.1	48.1
58	79.2	55.1	82.7

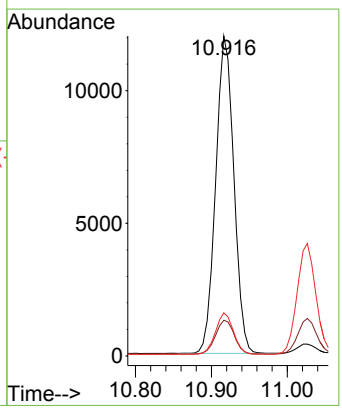


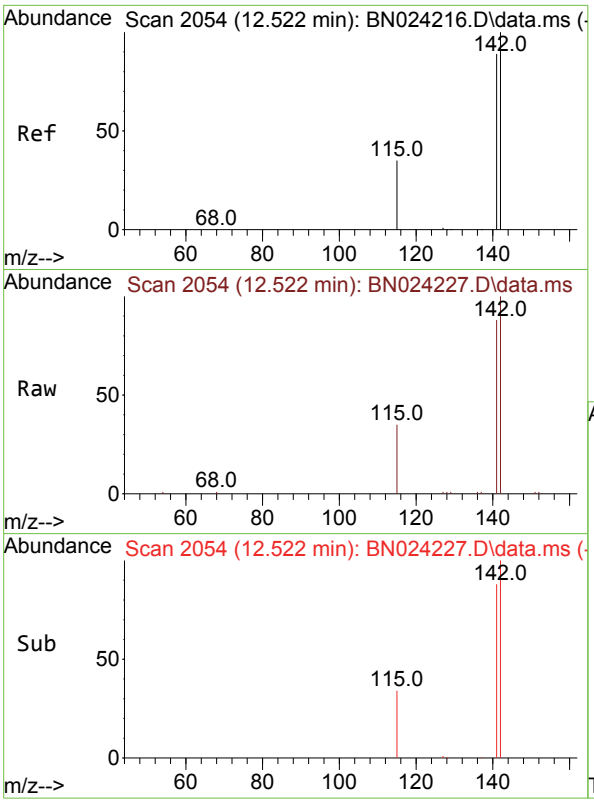


#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:128 Resp: 19840

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.5	15.7



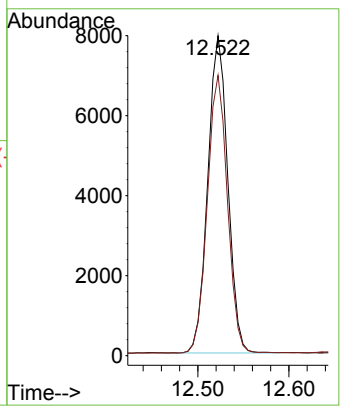


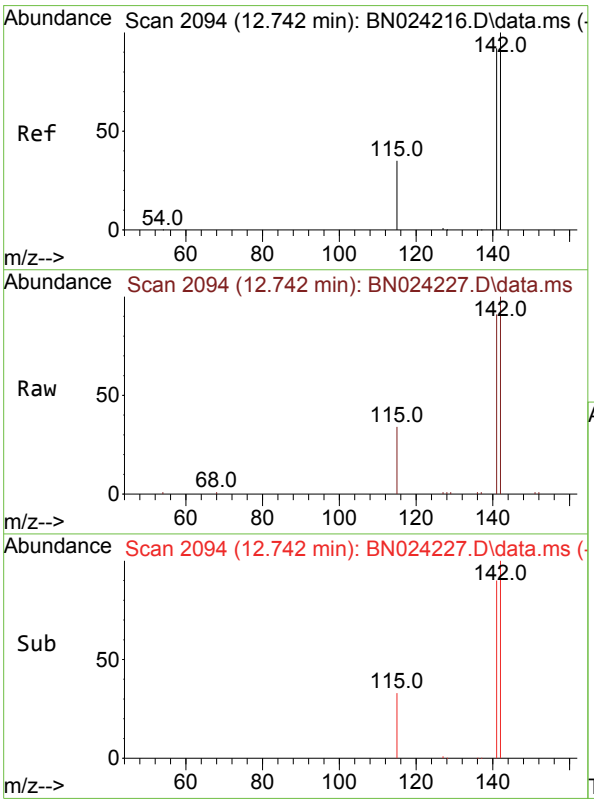
#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.522 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:142 Resp: 12112

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5

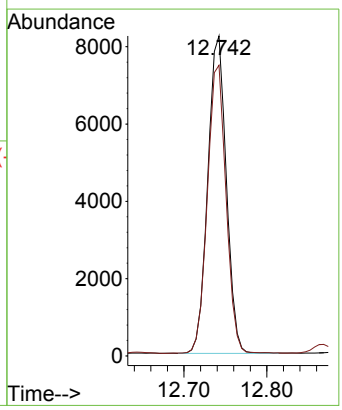


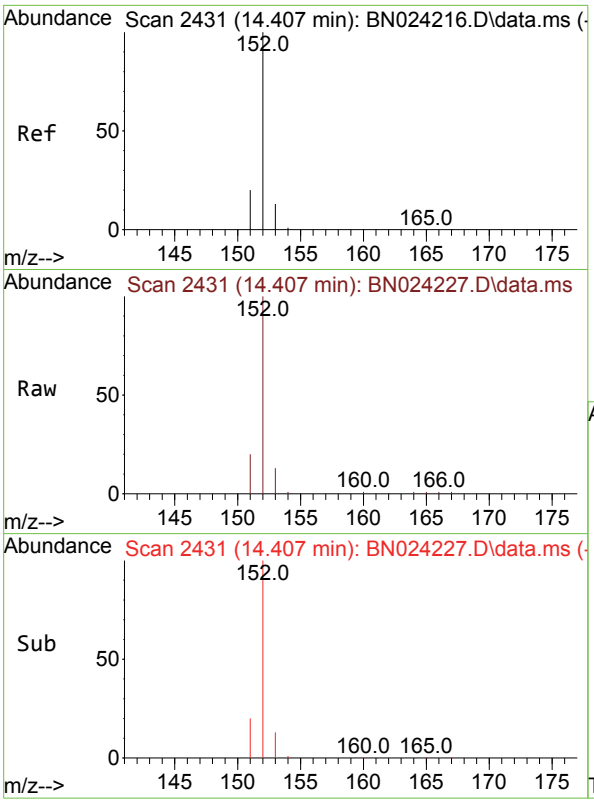


#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:142 Resp: 12757

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.6



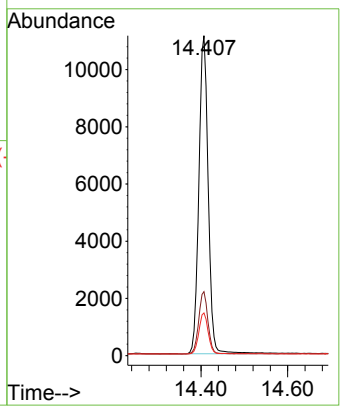


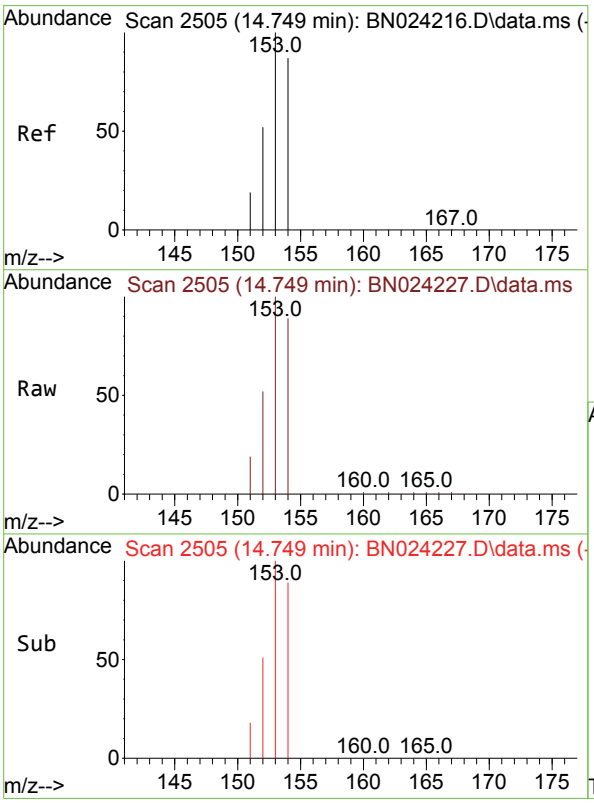
#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.407 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:152 Resp: 16652

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.6	16.0

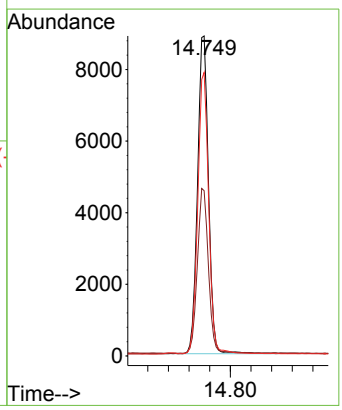


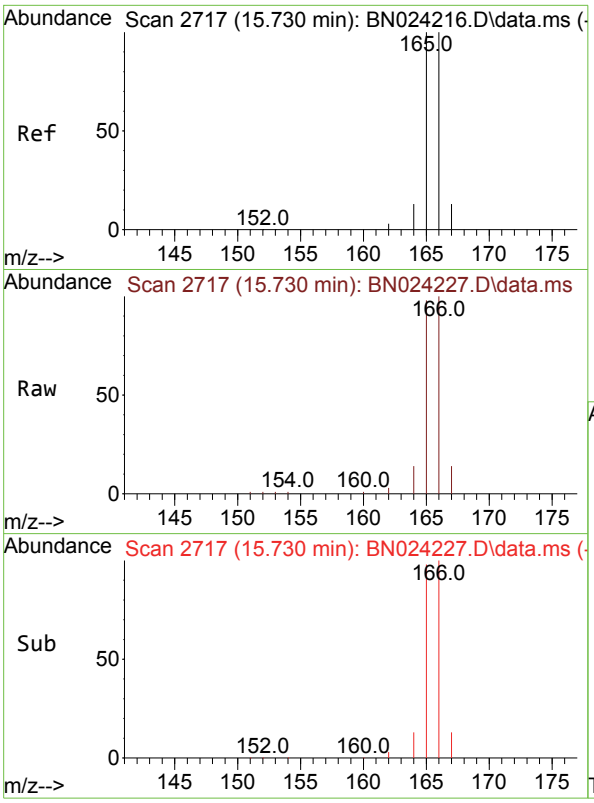


#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:153 Resp: 13166

Ion	Ratio	Lower	Upper
153	100		
152	51.6	42.6	64.0
154	88.6	70.6	105.8



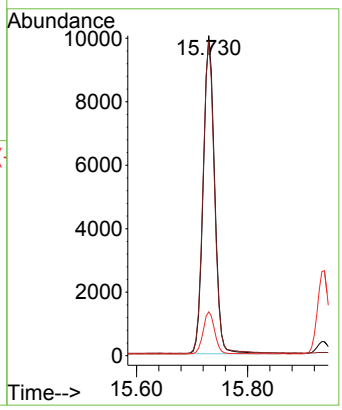


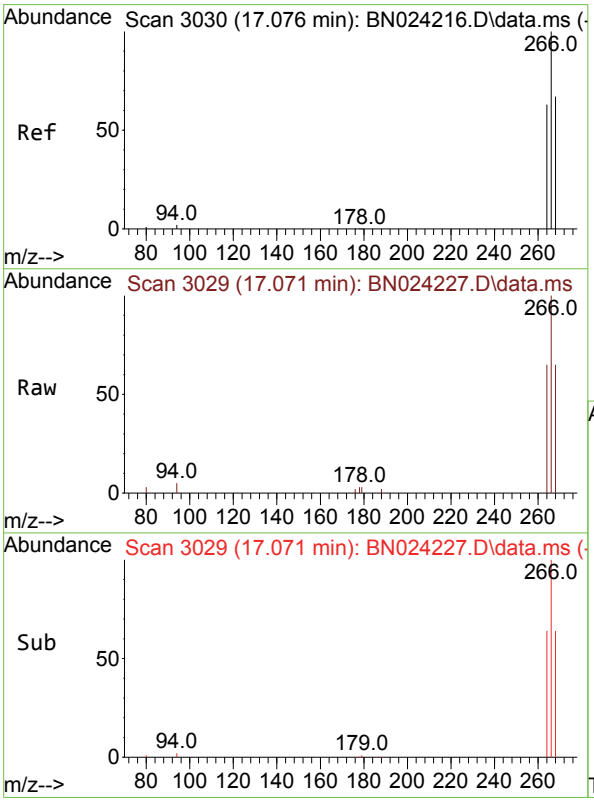
#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.730 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:166 Resp: 14274

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.4	116.0
167	13.7	10.9	16.3

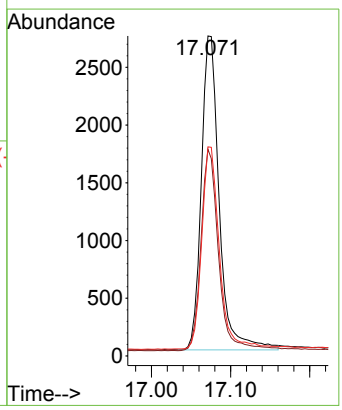


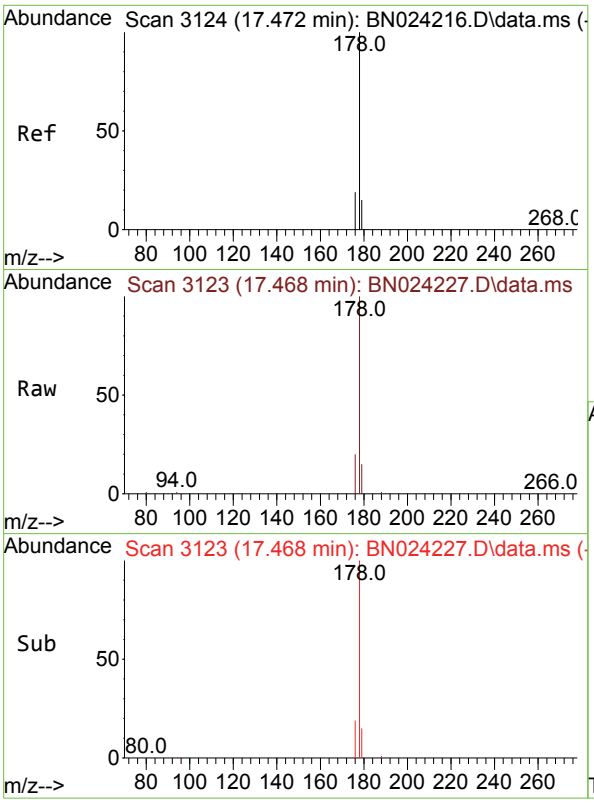


#14
Pentachlorophenol
Concen: 0.763 ng/ul
RT: 17.071 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:266 Resp: 4271

Ion	Ratio	Lower	Upper
266	100		
264	63.0	0.0	0.0#
268	63.7	0.1	0.1#



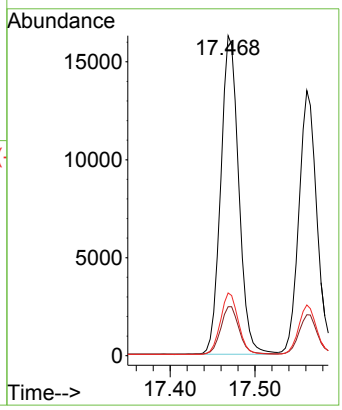


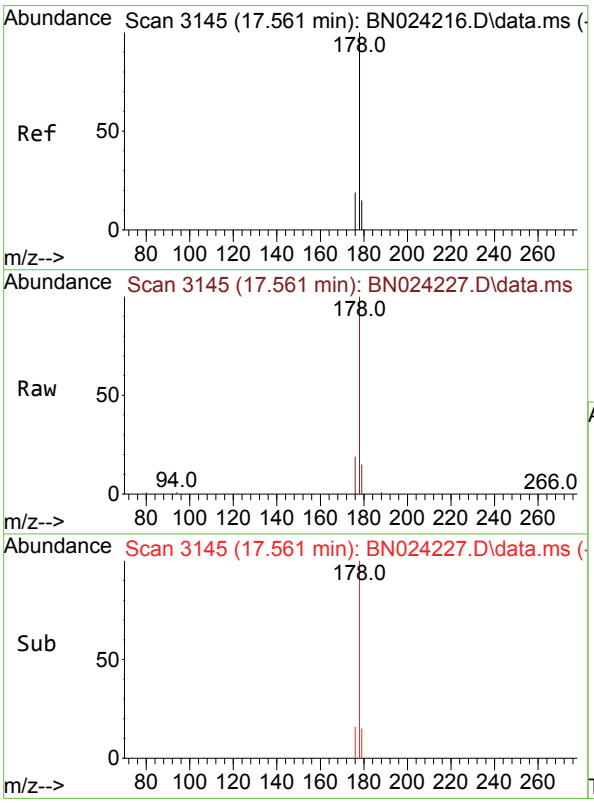
#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:178 Resp: 23980

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.6	15.7	23.5

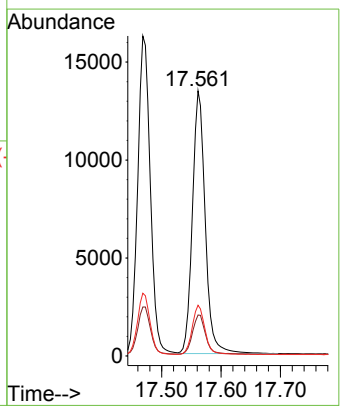


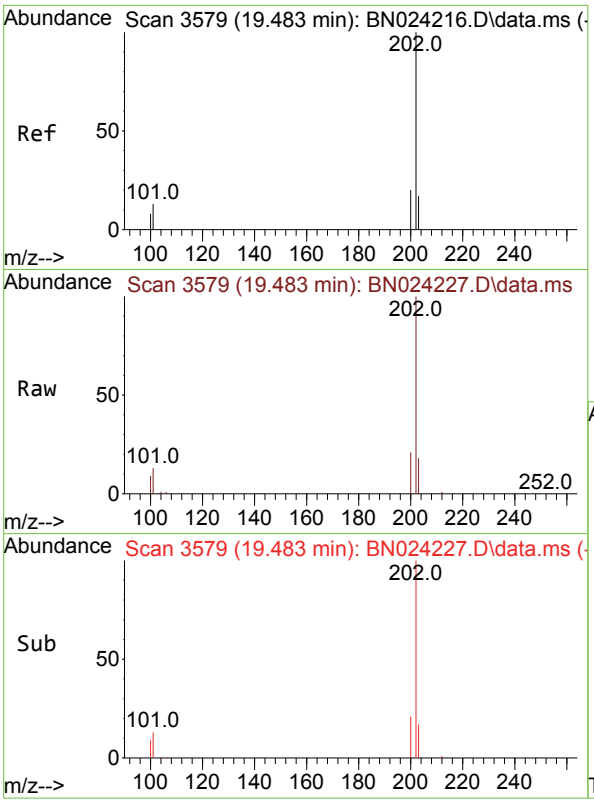


#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.561 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:178 Resp: 20123

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.1	15.3	22.9



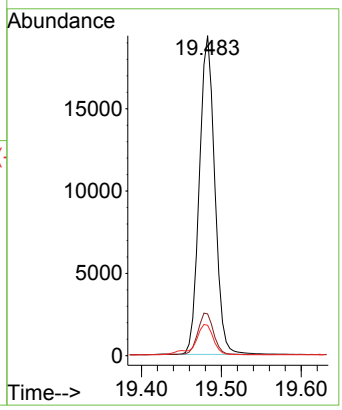


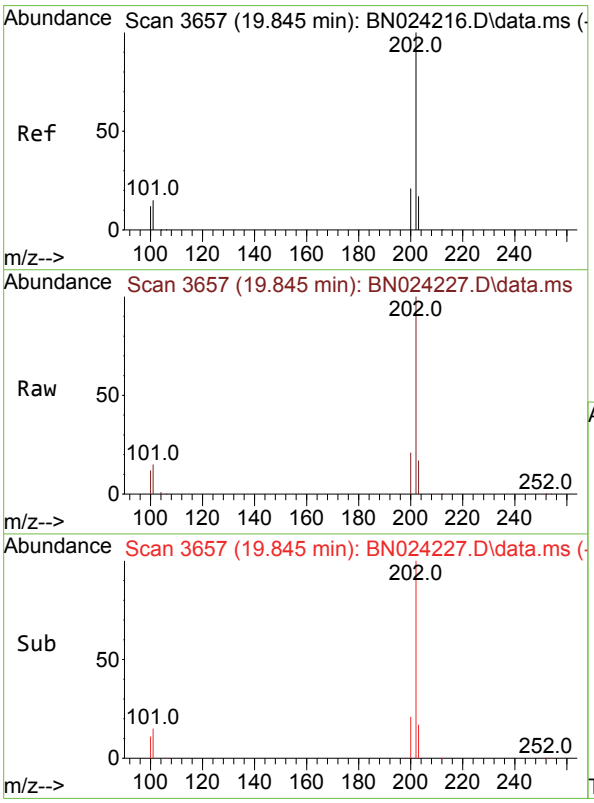
#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.483 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:202 Resp: 26014

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
100	9.5	7.7	11.5

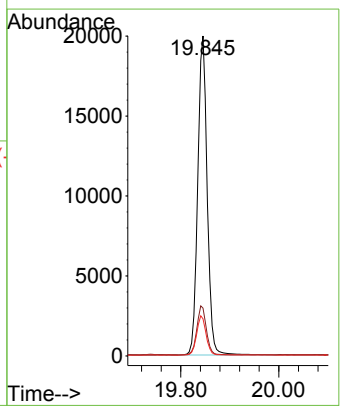


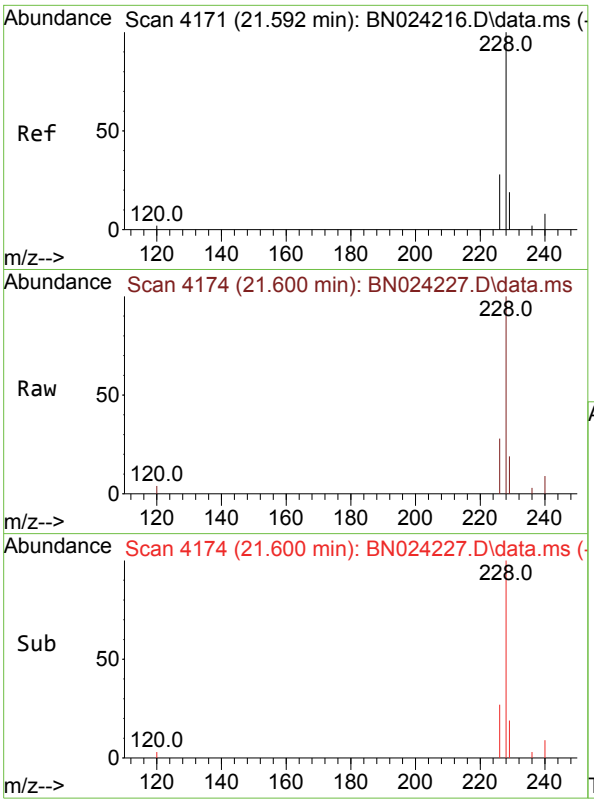


#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:202 Resp: 26569

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.1	18.1
100	11.6	9.4	14.0





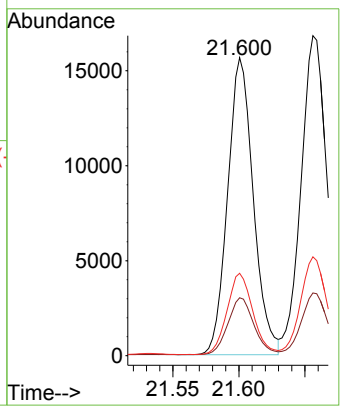
#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.600 min Scan# 4

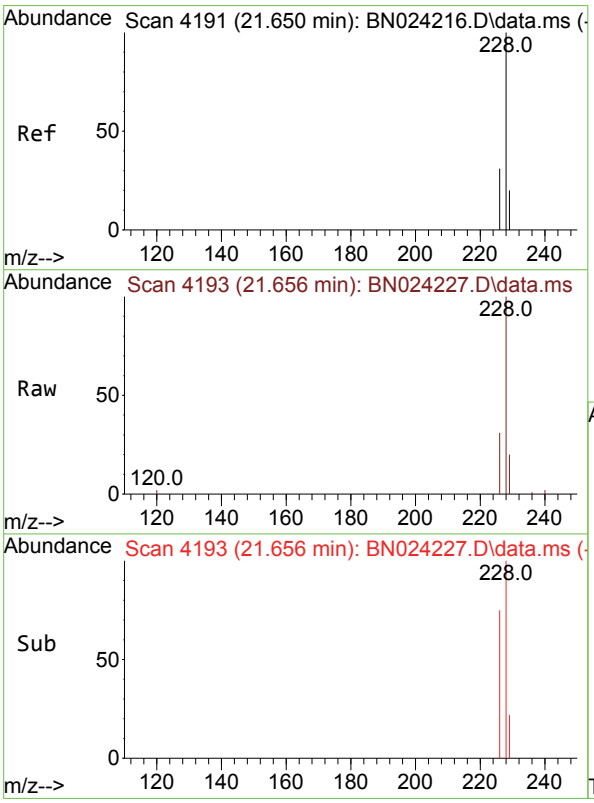
Instrument :
BNA_N
ClientSampleId :
SLCS261

Delta R.T. 0.009 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:228 Resp: 21171

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	27.6	22.2	33.4

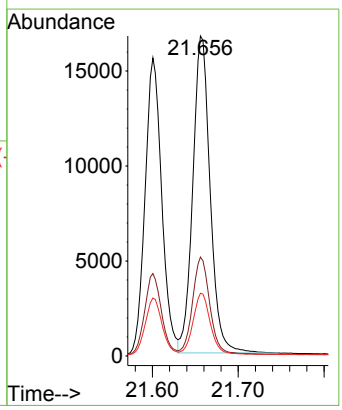


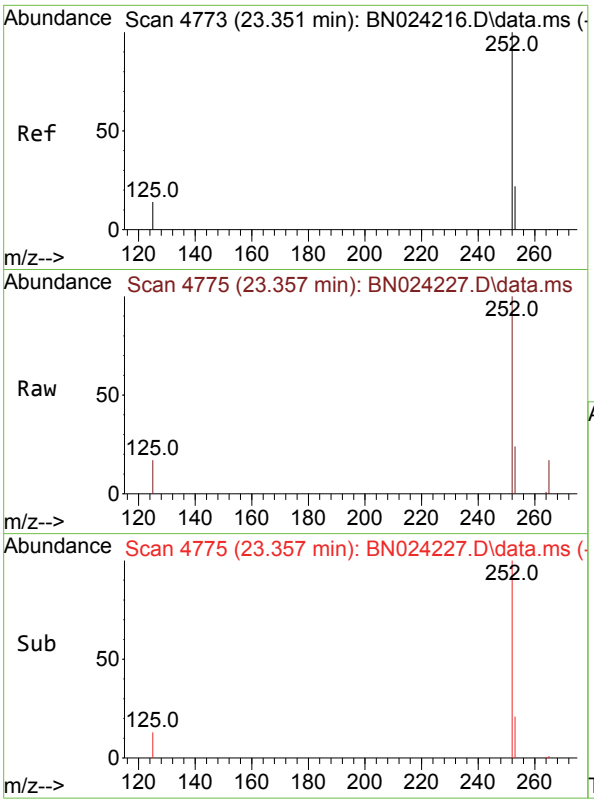


#22
Chrysene
Concen: 0.432 ng/ul
RT: 21.656 min Scan# 4193
Delta R.T. 0.006 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:228 Resp: 23453

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	19.6	15.8	23.6



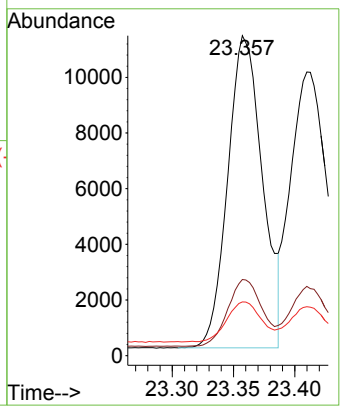


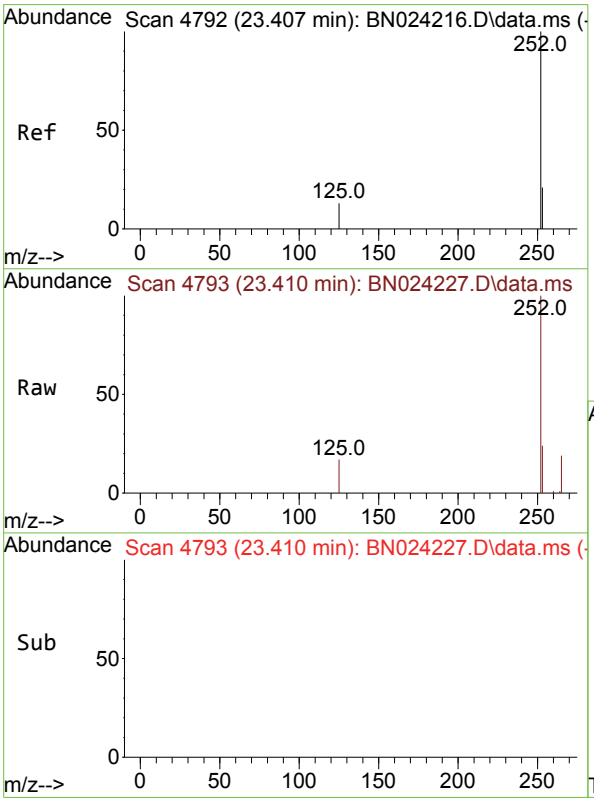
#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul
RT: 23.357 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:252 Resp: 22106

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	46.2
125	16.8	0.0	34.0

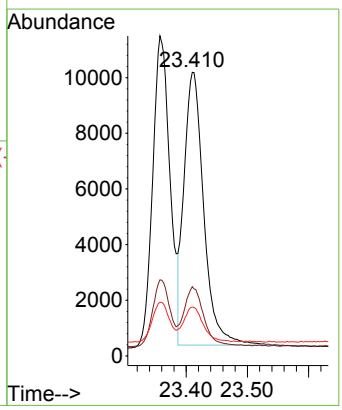


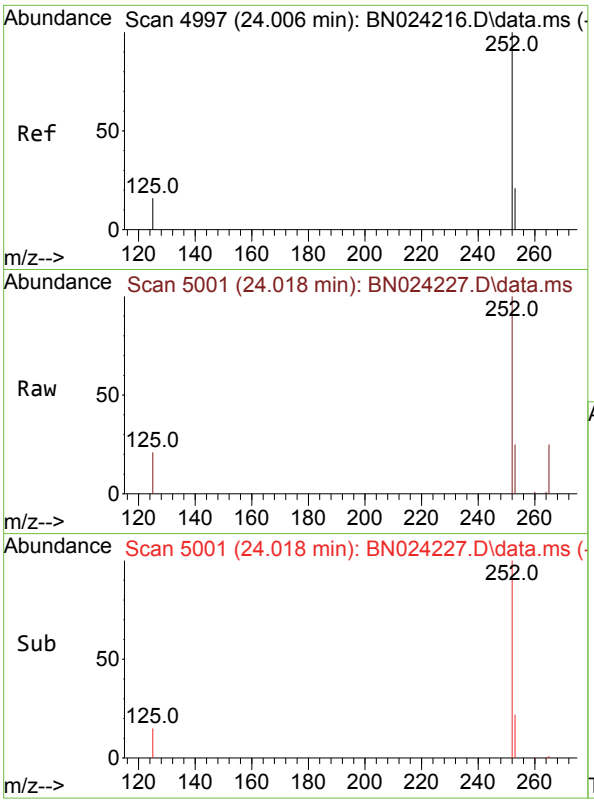


#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.410 min Scan# 4793
Delta R.T. 0.003 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:252 Resp: 21969

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	17.2	13.2	19.8



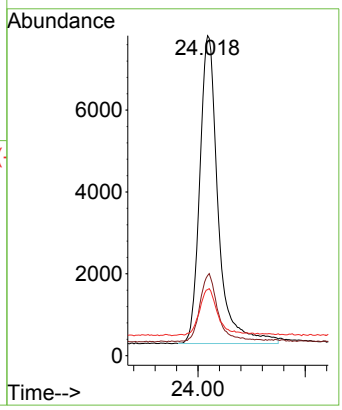


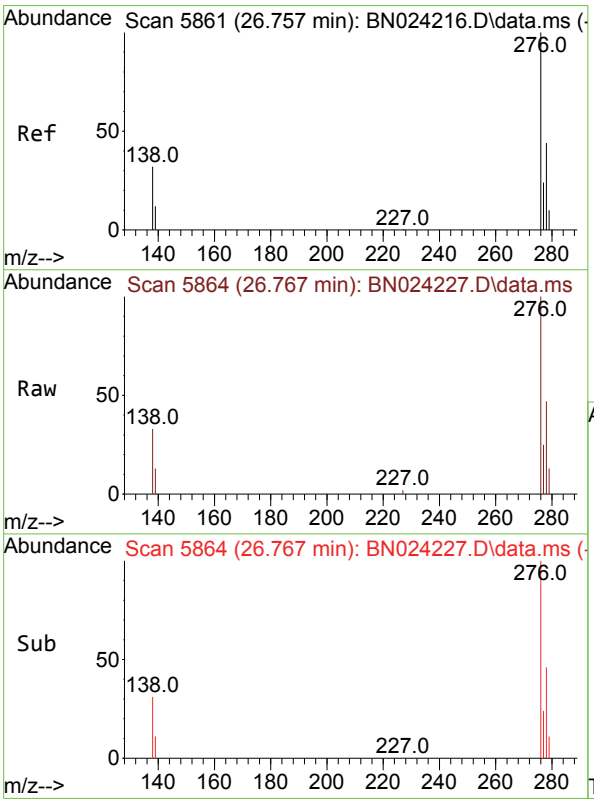
#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 24.018 min Scan# 5
Delta R.T. 0.012 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:252 Resp: 17915

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.2	28.8
125	20.6	15.8	23.6

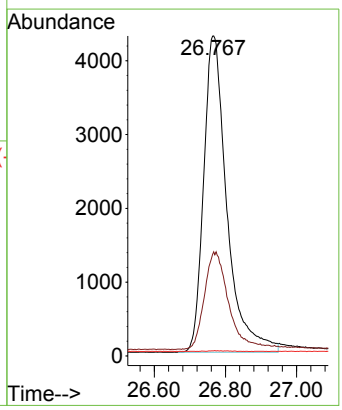


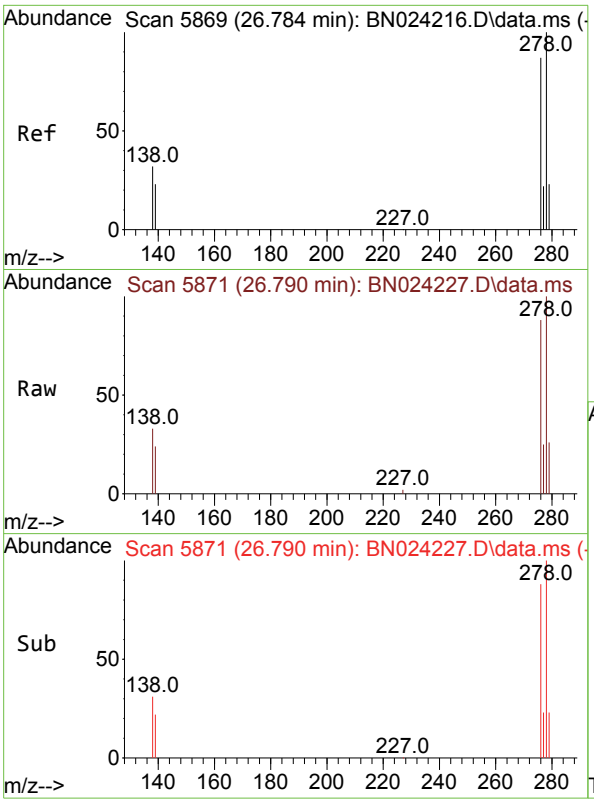


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.767 min Scan# 5864
Delta R.T. 0.010 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:276 Resp: 19426

Ion	Ratio	Lower	Upper
276	100		
138	32.5	0.0	0.0#
227	0.1	0.0	0.0#



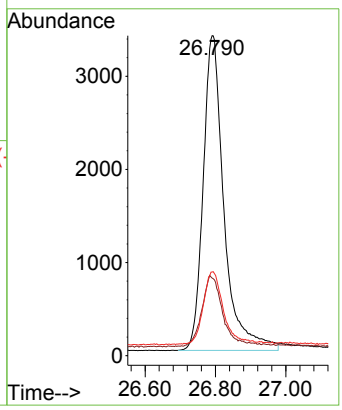


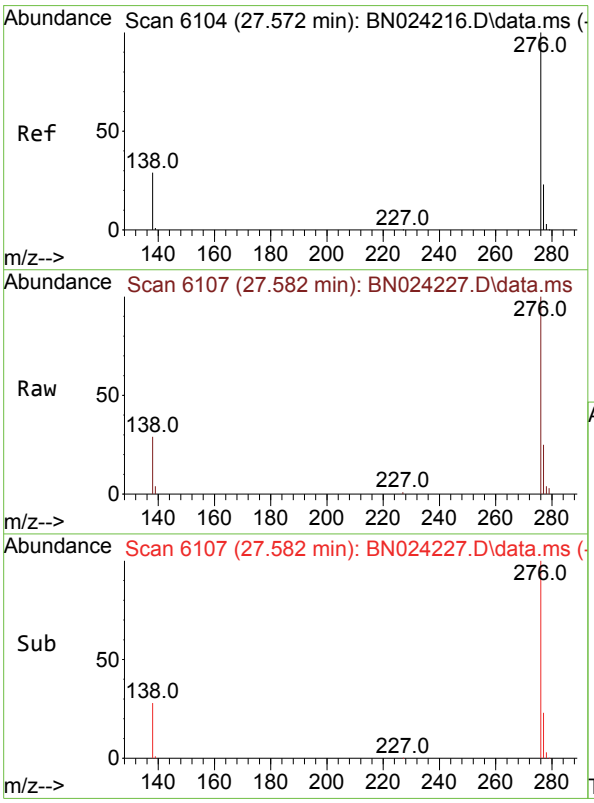
#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.790 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:278 Resp: 13923

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.0	31.6
279	26.1	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.582 min Scan# 6107
Delta R.T. 0.010 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:276 Resp: 17939

Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.2	37.8
277	24.9	19.4	29.2