Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028847.D
Acq On : 22 Nov 2023 19:54
Operator : MA/JU
Sample : 05268-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Quant Time: Nov 22 21:37:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	5927	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.446	136	23666	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.297	164	12833	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	23269	0.400	ng/ul	0.00
17) Chrysene-d12	21.275	240	15449	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	15066	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	7613	1.162	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.101	152	1097	0.031	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	4749	0.096	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.484	128	114274	1.723	ng/ul	100
7) 2-Methylnaphthalene	12.167	142	2080	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.343	142	3467	0.078	ng/ul	98
10) Acenaphthylene	14.010	152	10691	0.167	ng/ul	96
11) Acenaphthene	14.357	153	43154	0.916	ng/ul	99
12) Fluorene	15.352	166	74557	1.360	ng/ul	100
14) Pentachlorophenol	16.709	266	1627	0.291	ng/ul	99
15) Phenanthrene	17.094	178	54883	0.768	ng/ul	100
16) Anthracene	17.186	178	6767	0.103	ng/ul#	86
19) Fluoranthene	19.126	202	2113	0.032	ng/ul#	79
26) Benzo(a)pyrene	23.391	252	1168	0.022	ng/ul#	1

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

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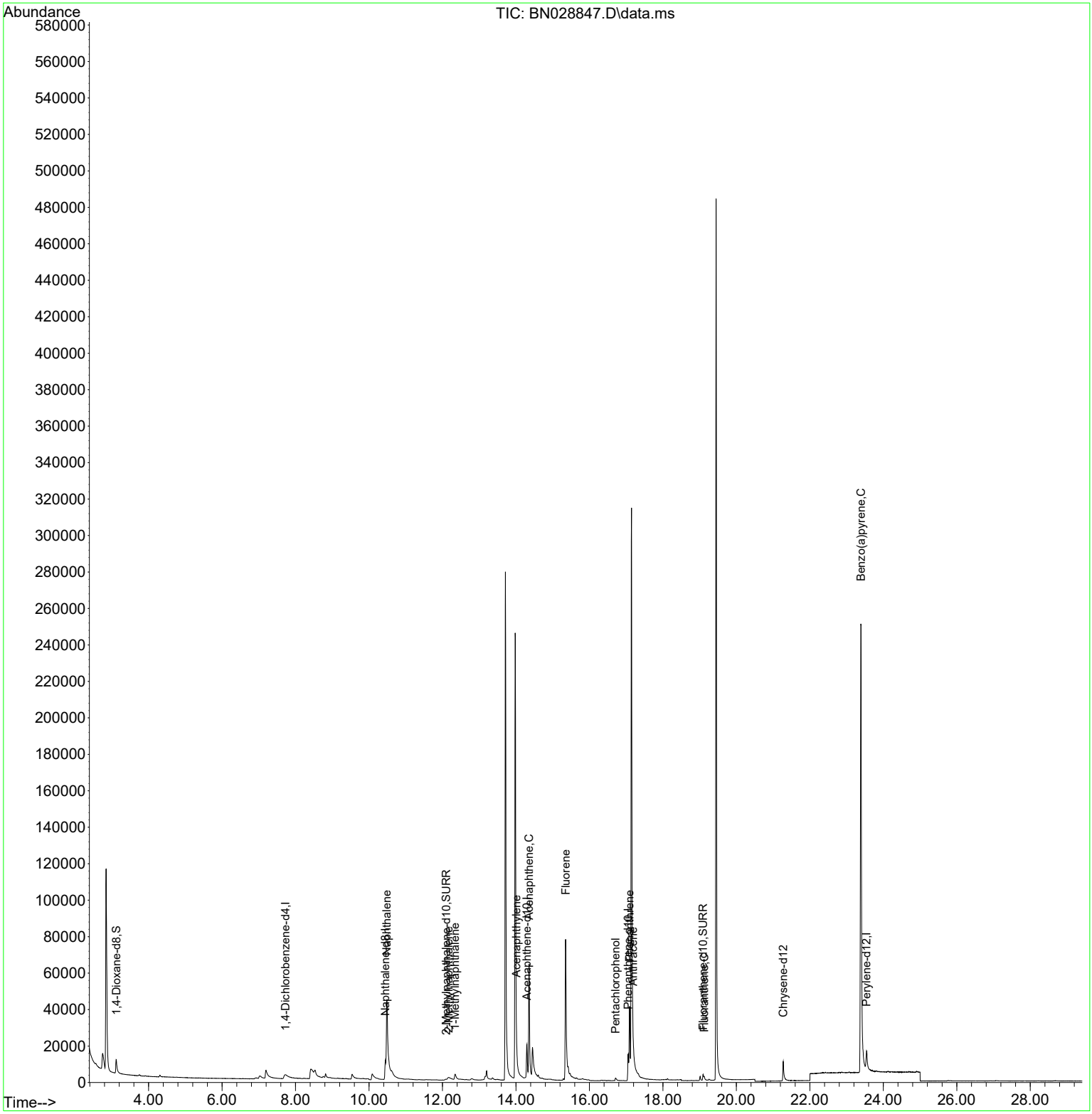
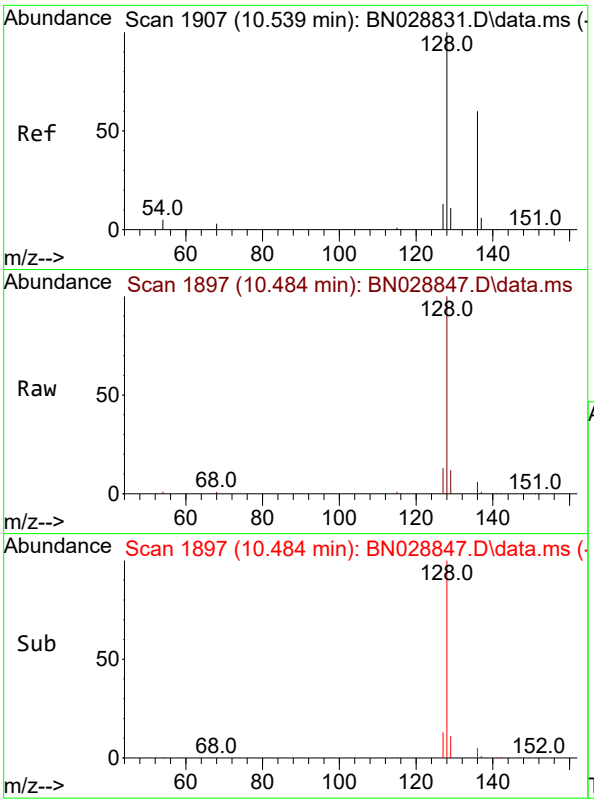


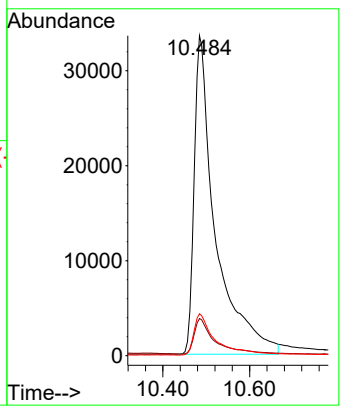


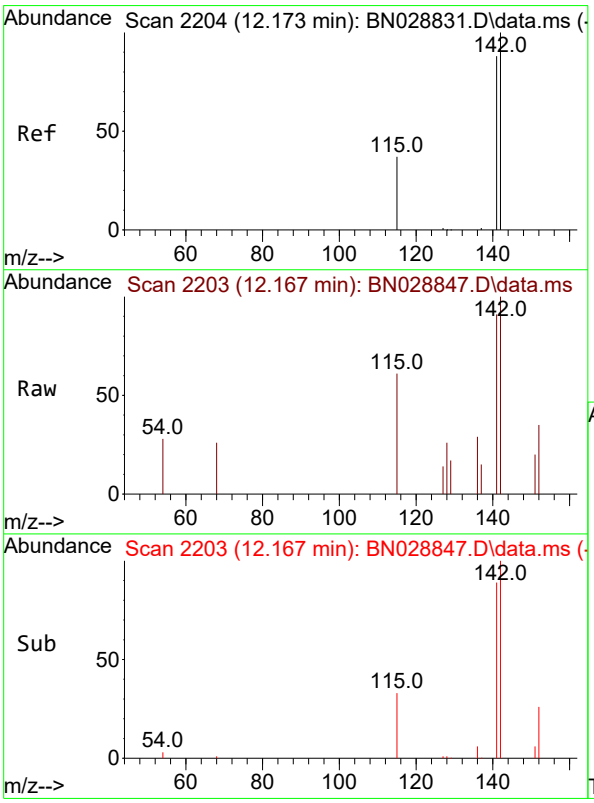
#5
Naphthalene
Concen: 1.723 ng/ul
RT: 10.484 min Scan# 1
Delta R.T. -0.022 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Tgt Ion:128 Resp: 114274

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.1	10.7	16.1

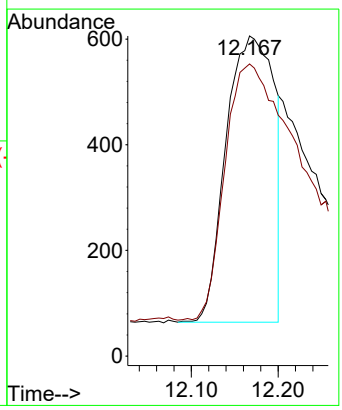


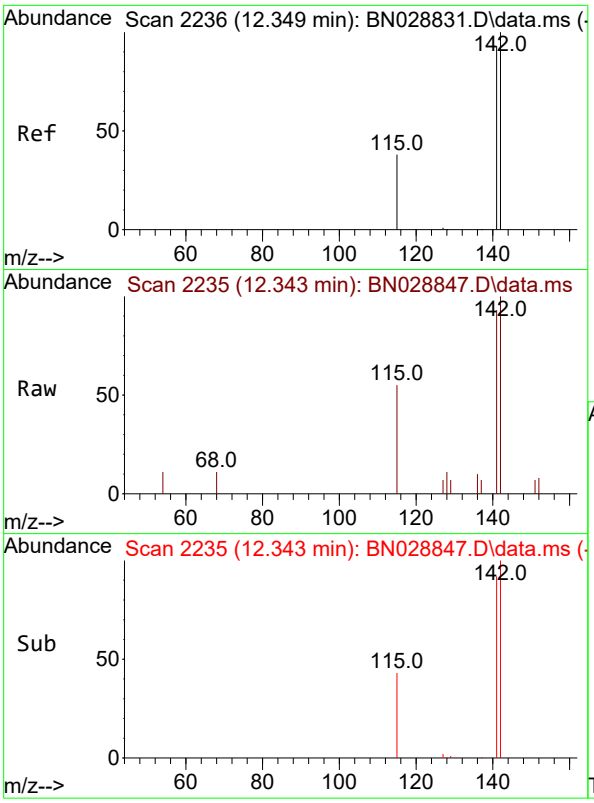


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.167 min Scan# 2203
Delta R.T. 0.027 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:142 Resp: 2080

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2



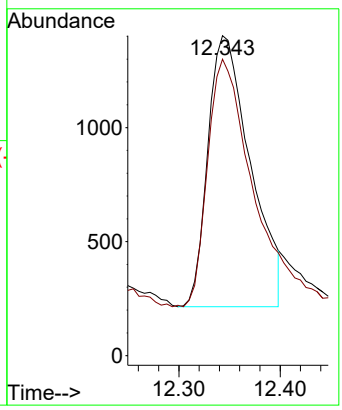


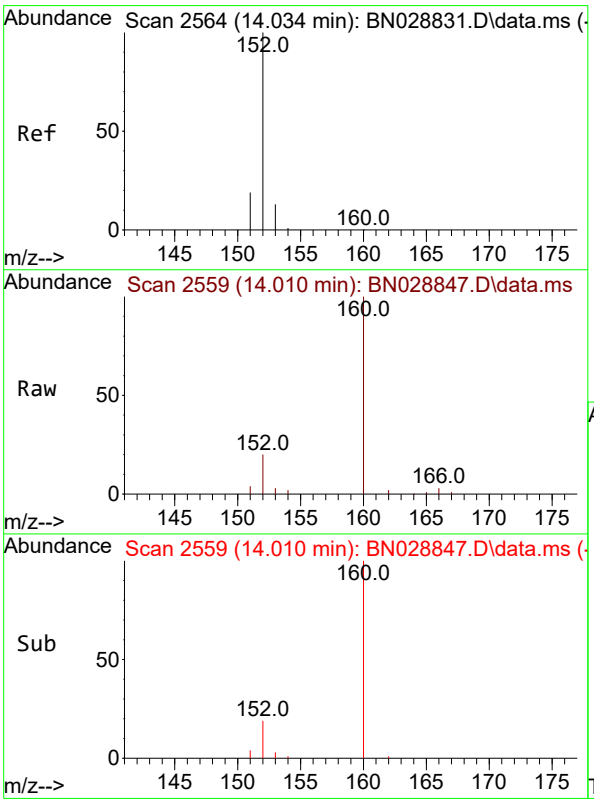
#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.343 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Tgt Ion:142 Resp: 3467

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.1	111.1

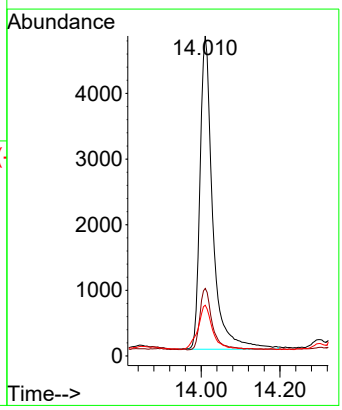


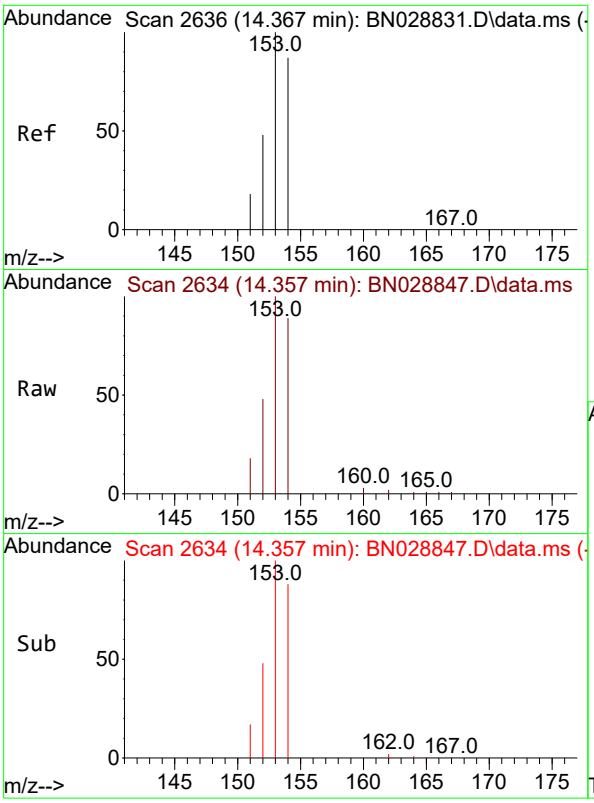


#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.010 min Scan# 2559
Delta R.T. -0.015 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:152 Resp: 10691

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.1	24.1
153	15.8	10.6	15.8



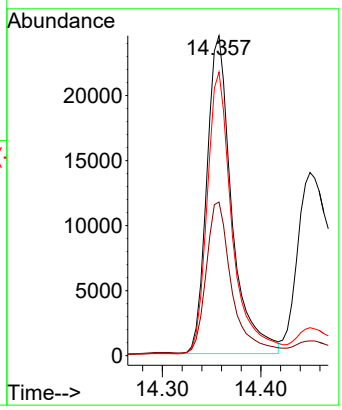


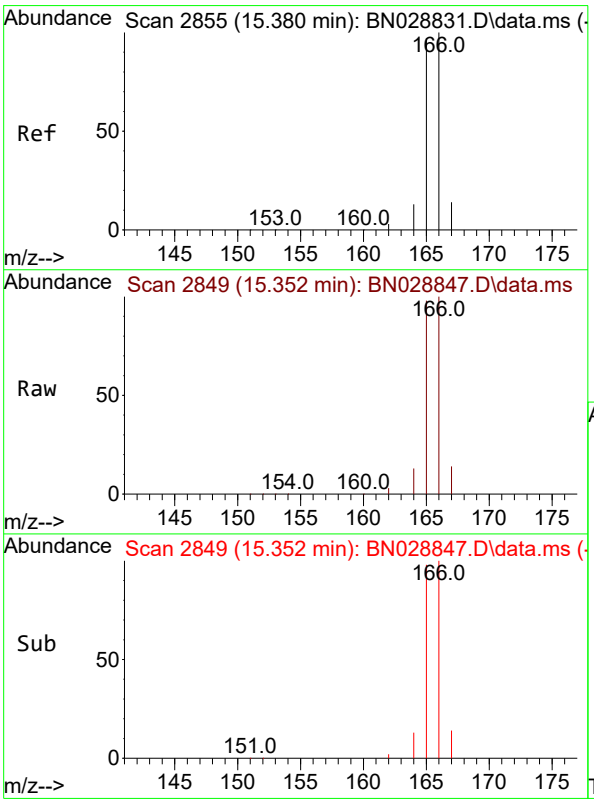
#11
Acenaphthene
Concen: 0.916 ng/ul
RT: 14.357 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Tgt Ion:153 Resp: 43154

Ion	Ratio	Lower	Upper
153	100		
152	48.0	39.6	59.4
154	88.7	71.0	106.6

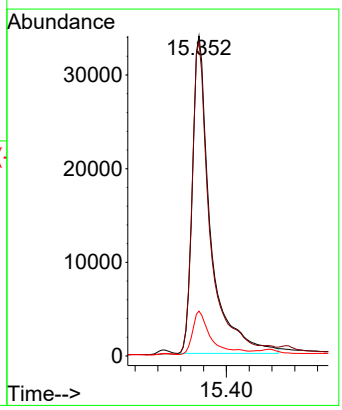


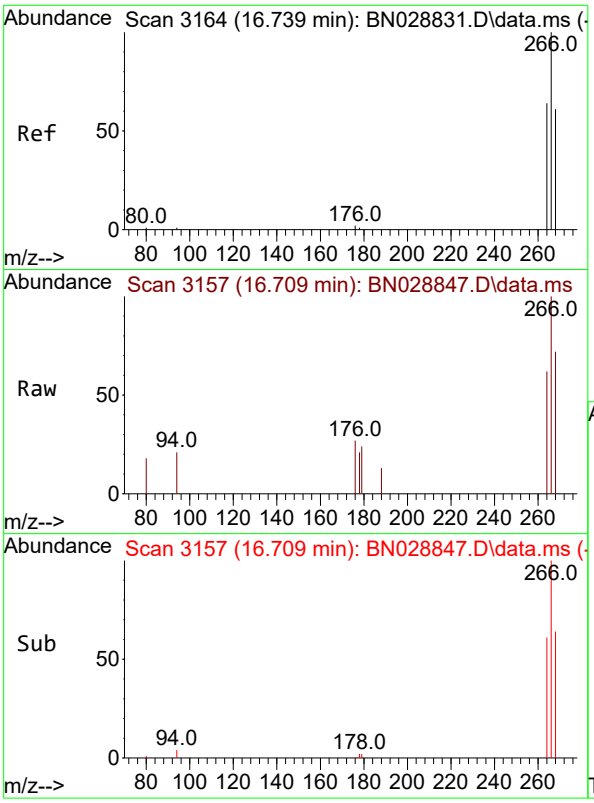


#12
Fluorene
Concen: 1.360 ng/ul
RT: 15.352 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:166 Resp: 74557

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	118.0
167	14.0	11.0	16.6



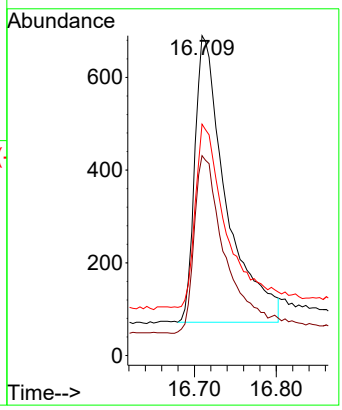


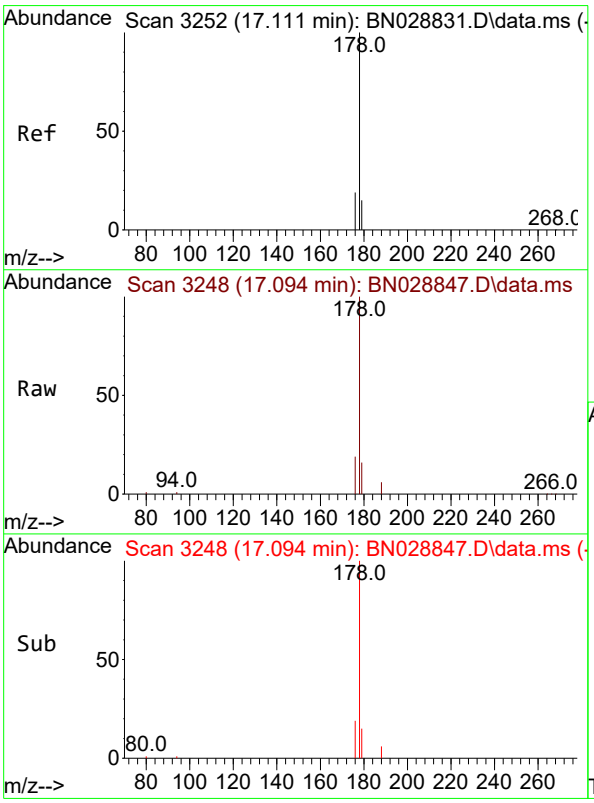
#14
Pentachlorophenol
Concen: 0.291 ng/ul
RT: 16.709 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Tgt Ion:266 Resp: 1627

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.1	75.1
268	63.7	50.6	75.8

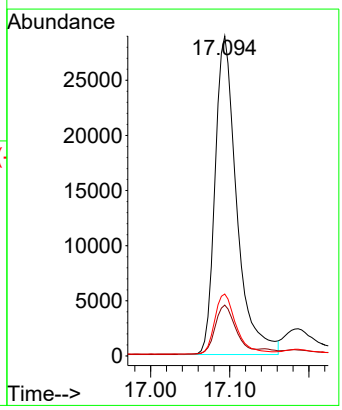


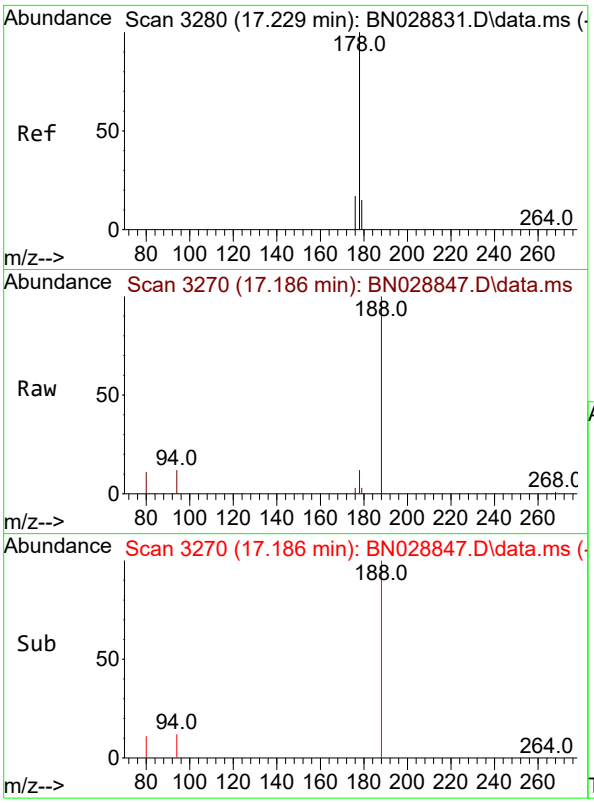


#15
Phenanthrene
Concen: 0.768 ng/ul
RT: 17.094 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:178 Resp: 54883

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.3	15.4	23.2



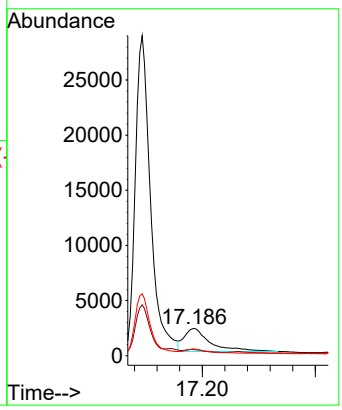


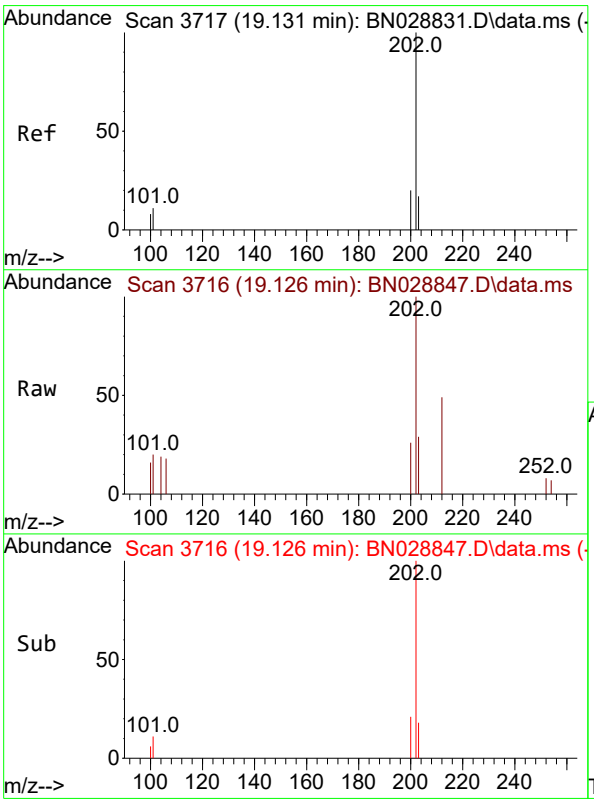
#16
Anthracene
Concen: 0.103 ng/ul
RT: 17.186 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Tgt Ion:178 Resp: 6767

Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.6	18.8#
176	24.4	14.9	22.3#

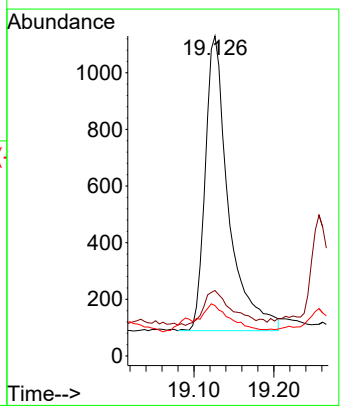


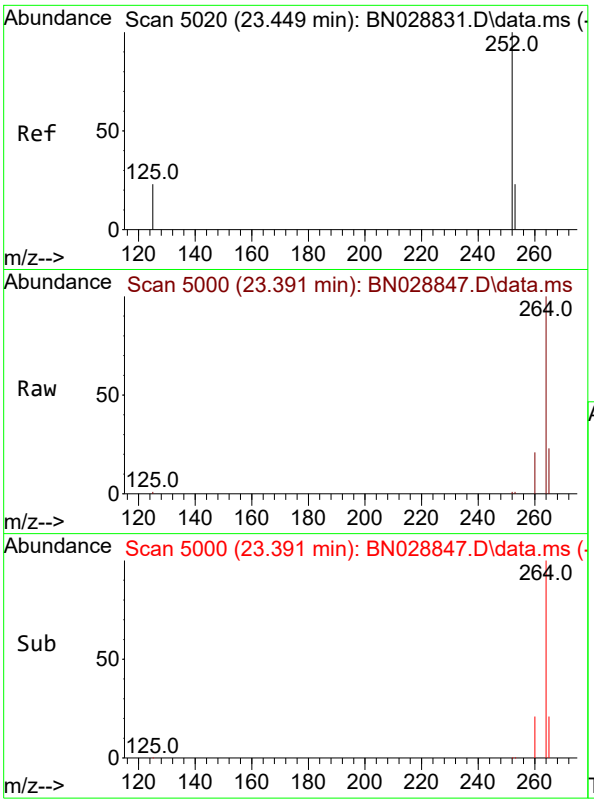


#19
Fluoranthene
Concen: 0.032 ng/ul
RT: 19.126 min Scan# 3716
Delta R.T. 0.004 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:202 Resp: 2113

Ion	Ratio	Lower	Upper
202	100		
101	20.4	9.5	14.3#
100	15.8	7.2	10.8#





#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.391 min Scan# 5
Delta R.T. -0.054 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Tgt Ion:252 Resp: 1168

Ion	Ratio	Lower	Upper
252	100		
253	86.1	19.0	28.6#
125	84.4	13.2	19.8#