Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024238.D
Acq On : 10 Mar 2023 15:54
Operator : CG/JU
Sample : 01784-13DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Quant Time: Mar 11 00:08:51 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	7592	0.400	ng/ul		0.00
4) Naphthalene-d8	10.872	136	23515	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.684	164	14455	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	17.430	188	28594	0.400	ng/ul		0.00
17) Chrysene-d12	21.615	240	18448	0.400	ng/ul		0.00
23) Perylene-d12	24.126	264	14978	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.401	96	6857	0.821	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.451	152	2333	0.084	ng/ul		0.00
18) Fluoranthene-d10	19.455	212	4516	0.092	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.933	128	13283946	226.322	ng/ul		97
7) 2-Methylnaphthalene	12.522	142	1623767	45.600	ng/ul		100
8) 1-Methylnaphthalene	12.742	142	1492241	39.876	ng/ul		99
10) Acenaphthylene	14.407	152	75123	1.246	ng/ul	#	97
11) Acenaphthene	14.749	153	1898000	40.848	ng/ul		97
12) Fluorene	15.730	166	307500	5.926	ng/ul		99
14) Pentachlorophenol	17.076	266	5545	0.698	ng/ul	#	73
15) Phenanthrene	17.472	178	325879	3.979	ng/ul		100
16) Anthracene	17.561	178	16917	0.235	ng/ul		97
19) Fluoranthene	19.483	202	13403	0.183	ng/ul		97
20) Pyrene	19.845	202	5586	0.075	ng/ul	#	91
26) Benzo(a)pyrene	23.965	252	1356	0.028	ng/ul	#	3

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

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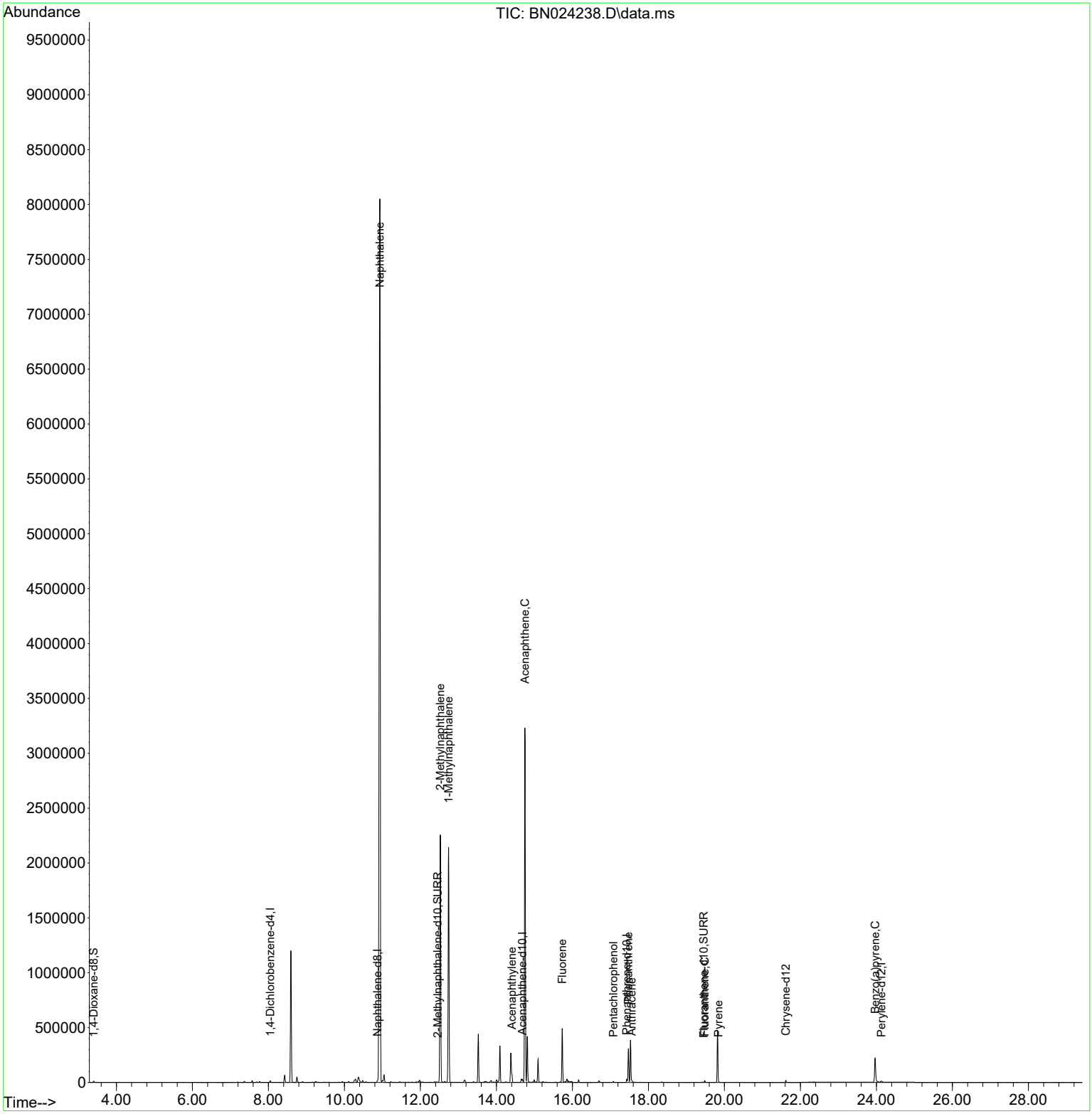
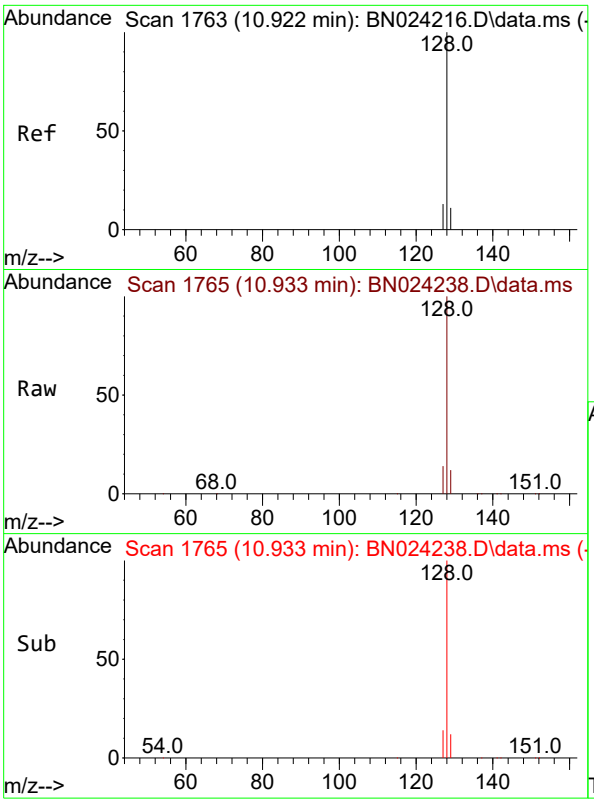


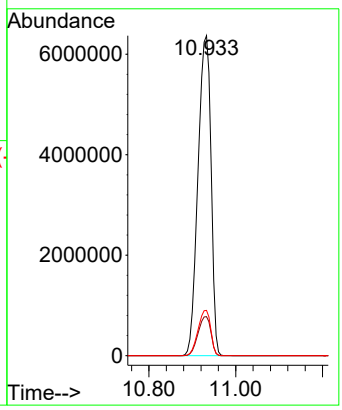


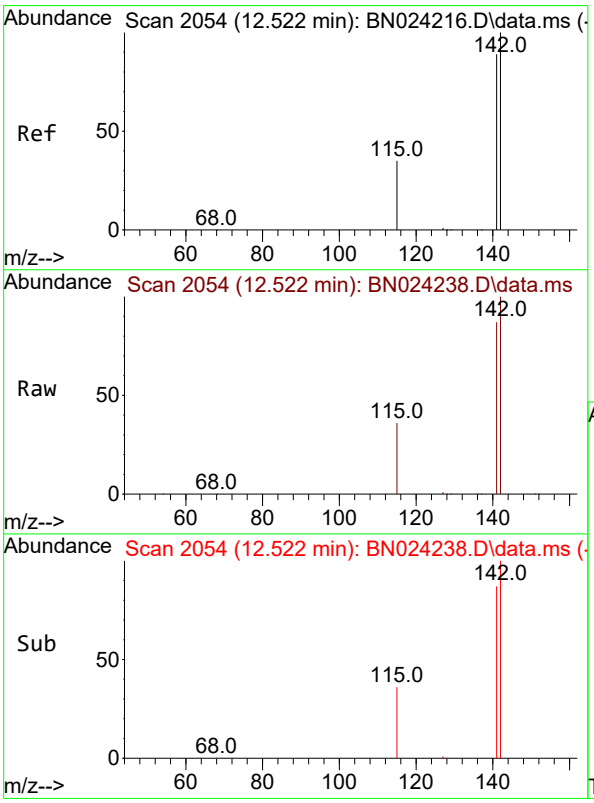
#5
Naphthalene
Concen: 226.322 ng/ul
RT: 10.933 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Tgt Ion:128 Resp:13283946

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	14.2	10.5	15.7

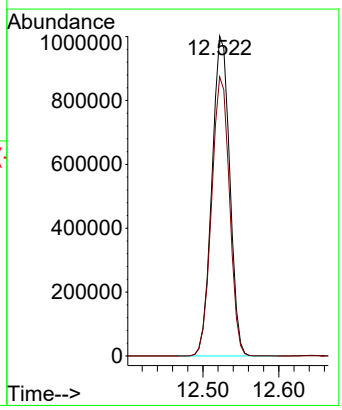


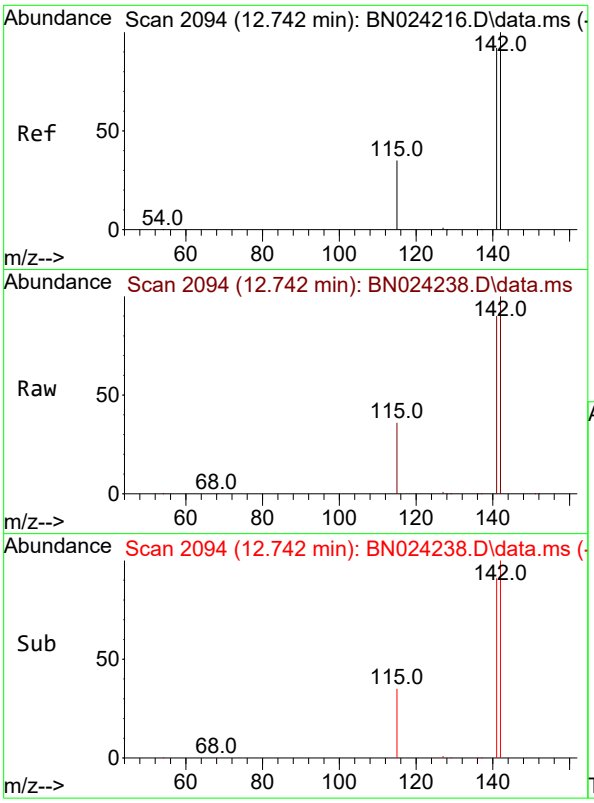


#7
2-Methylnaphthalene
Concen: 45.600 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Tgt Ion:142 Resp: 1623767

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5



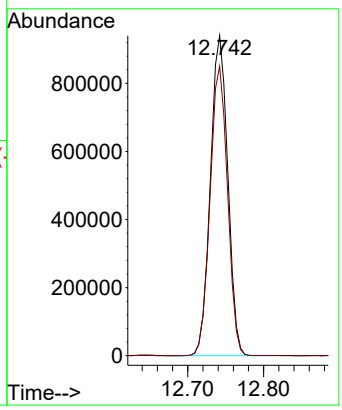


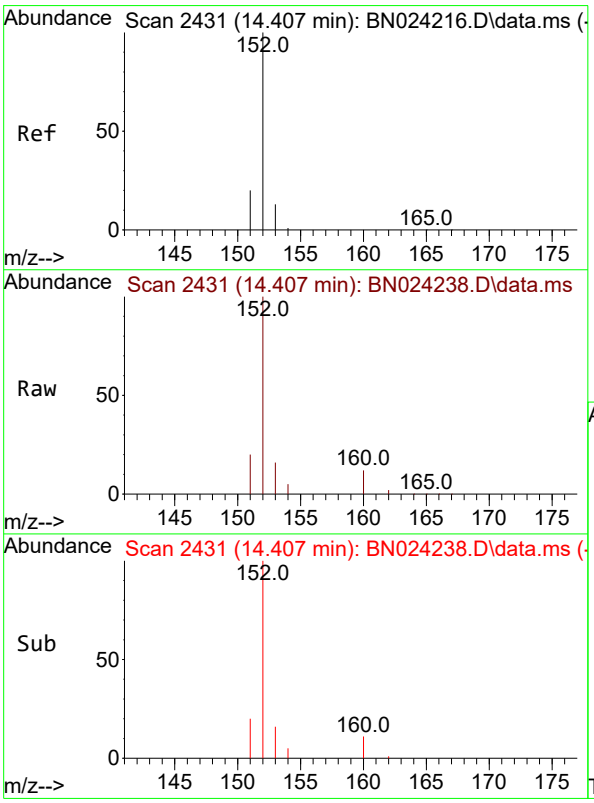
#8
1-Methylnaphthalene
Concen: 39.876 ng/ul
RT: 12.742 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Tgt Ion:142 Resp: 1492241

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.6

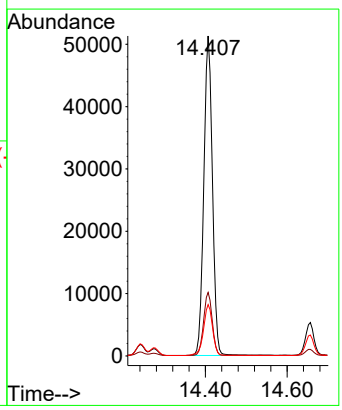


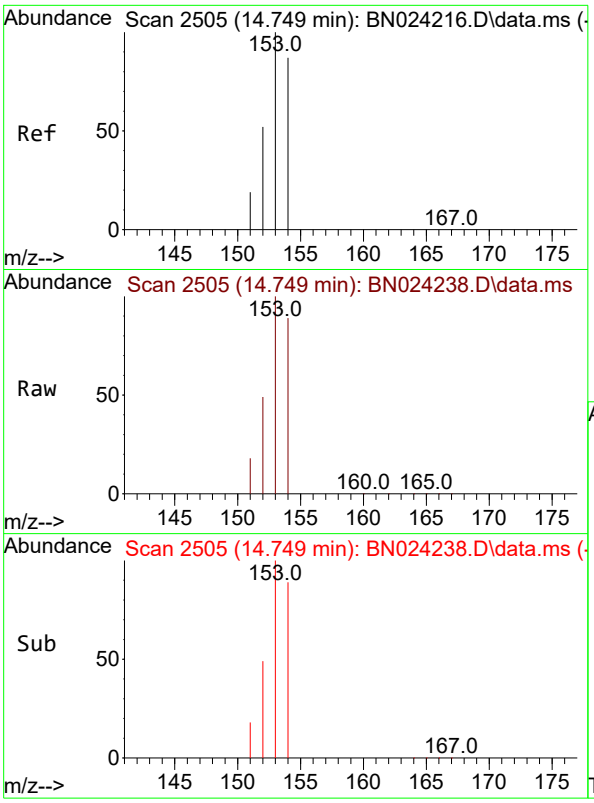


#10
Acenaphthylene
Concen: 1.246 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Tgt Ion:152 Resp: 75123

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	16.0	10.6	16.0#



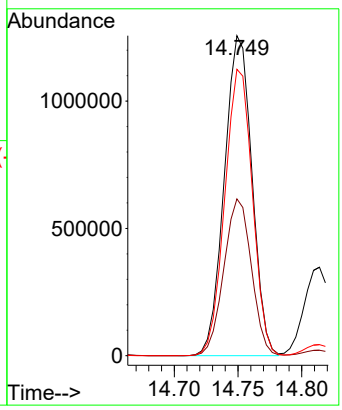


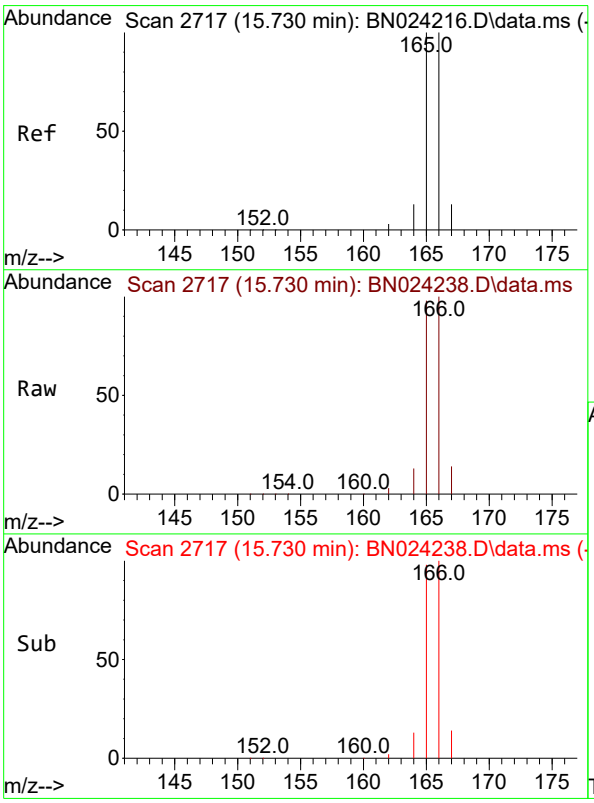
#11
Acenaphthene
Concen: 40.848 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Tgt Ion:153 Resp: 1898000

Ion	Ratio	Lower	Upper
153	100		
152	49.0	42.6	64.0
154	89.5	70.6	105.8

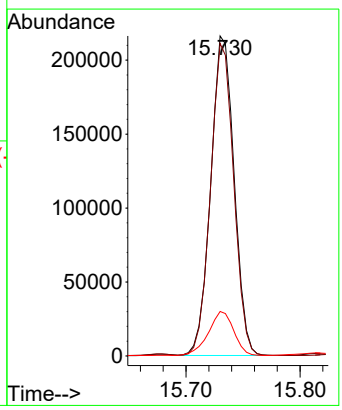


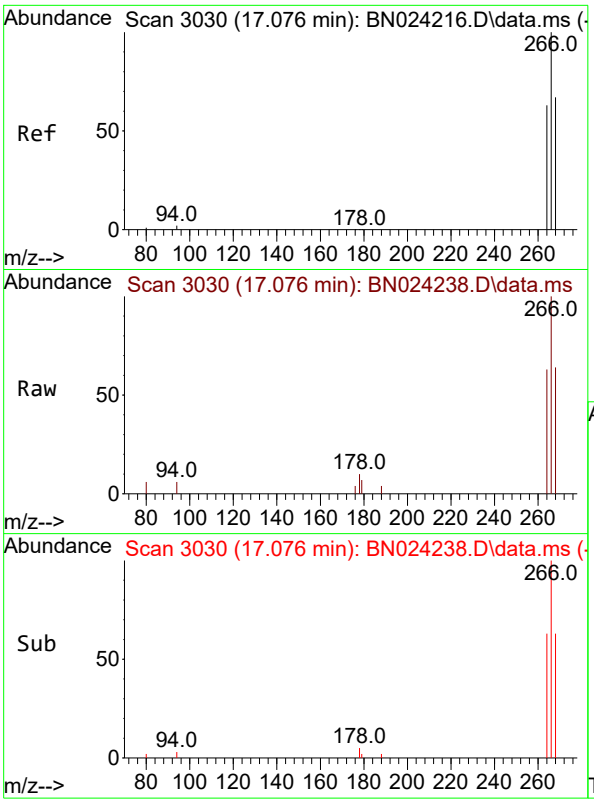


#12
Fluorene
Concen: 5.926 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Tgt Ion:166 Resp: 307500

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.4	116.0
167	13.9	10.9	16.3



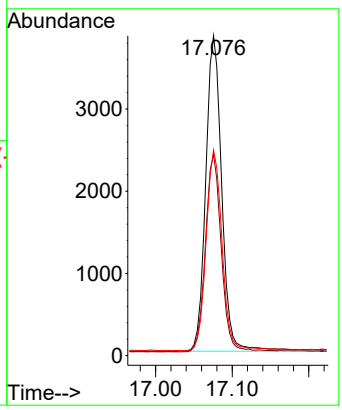


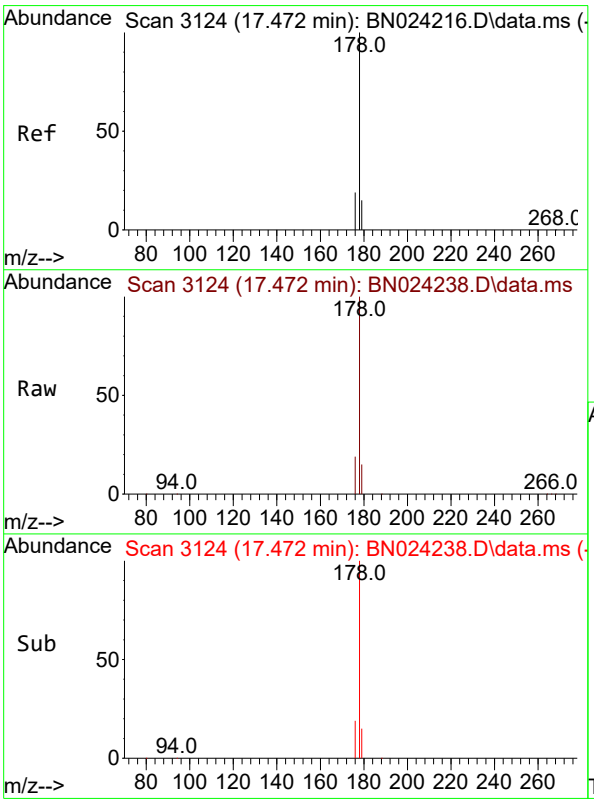
#14
Pentachlorophenol
Concen: 0.698 ng/ul
RT: 17.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Tgt Ion:266 Resp: 5545

Ion	Ratio	Lower	Upper
266	100		
264	62.3	0.0	0.0#
268	63.8	0.1	0.1#

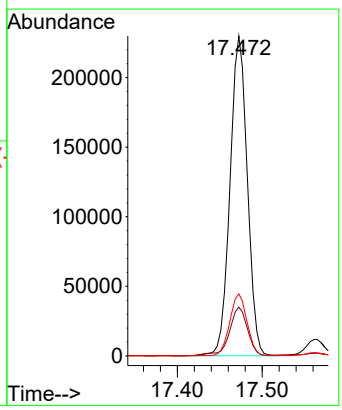


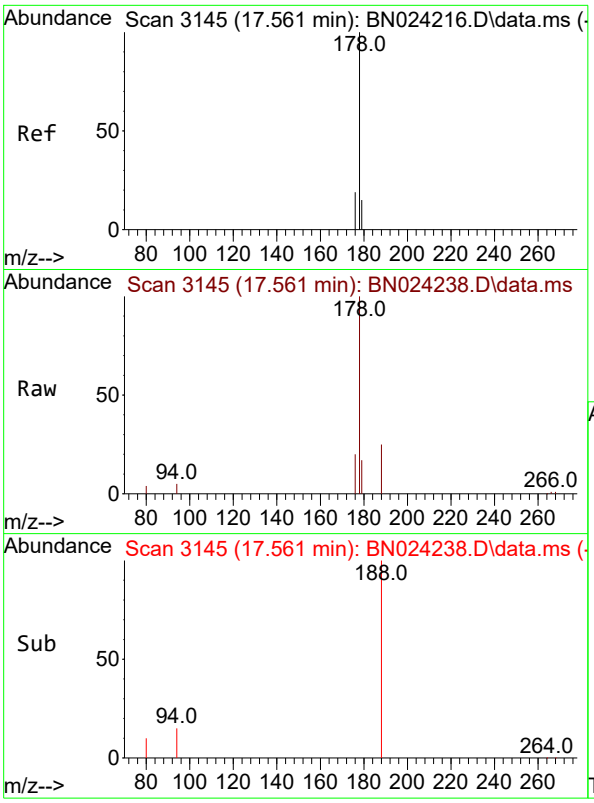


#15
Phenanthrene
Concen: 3.979 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Tgt Ion:178 Resp: 325879

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.4	15.7	23.5



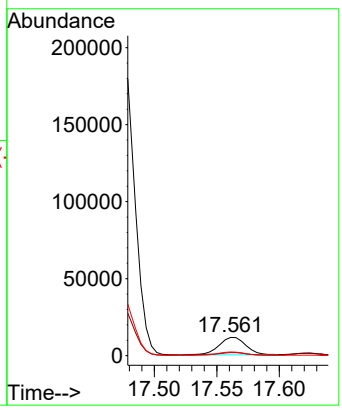


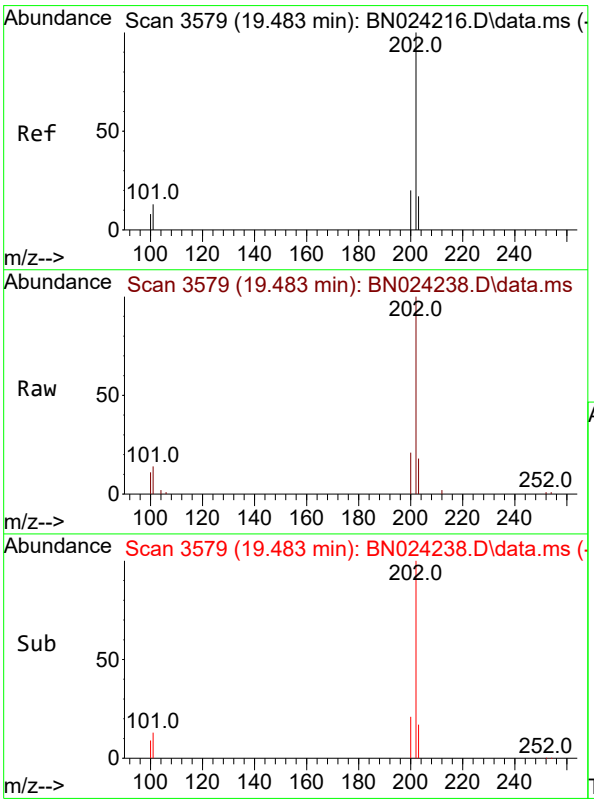
#16
Anthracene
Concen: 0.235 ng/ul
RT: 17.561 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Tgt Ion:178 Resp: 16917

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	20.4	15.3	22.9

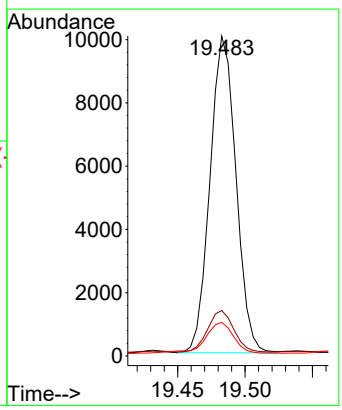


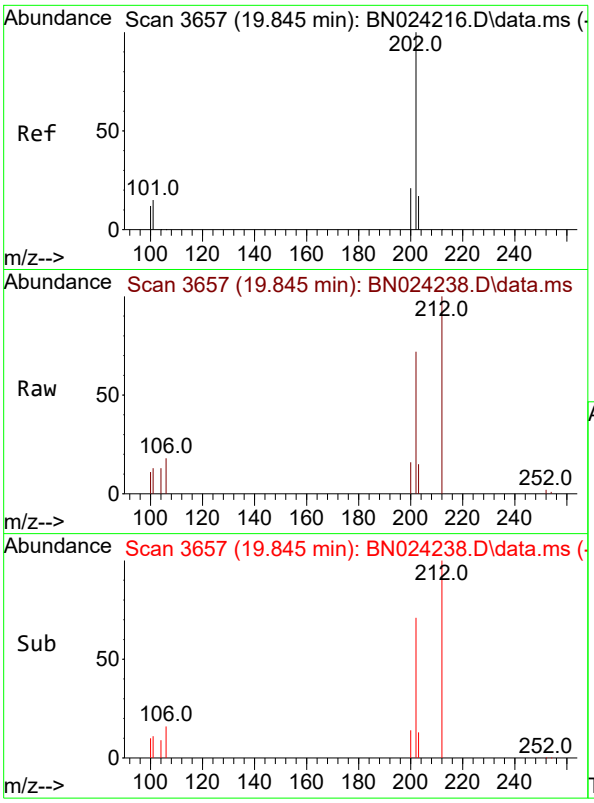


#19
Fluoranthene
Concen: 0.183 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Tgt Ion:202 Resp: 13403

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.4	15.6
100	10.5	7.7	11.5



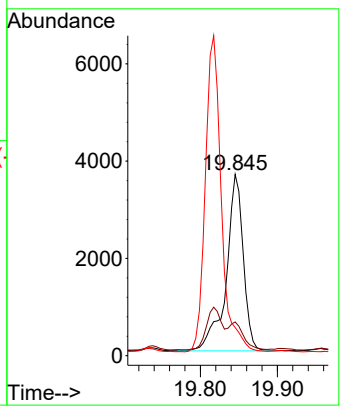


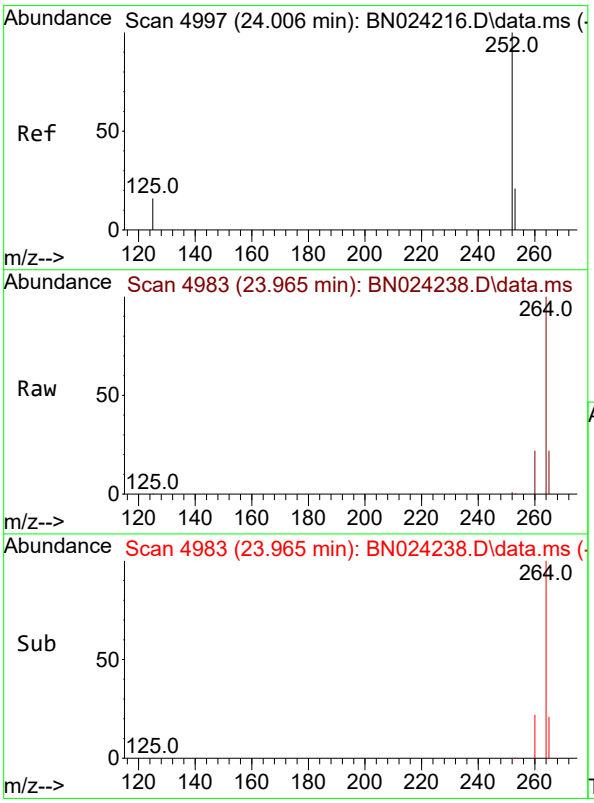
#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Instrument :
BNA_N
ClientSampleId :
DCAC3DL

Tgt Ion:202 Resp: 5586

Ion	Ratio	Lower	Upper
202	100		
101	18.6	12.1	18.1#
100	15.6	9.4	14.0#





#26
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.965 min Scan# 4983
Delta R.T. -0.041 min
Lab File: BN024238.D
Acq: 10 Mar 2023 15:54

Tgt Ion:252 Resp: 1356

Ion	Ratio	Lower	Upper
252	100		
253	63.1	19.2	28.8#
125	74.4	15.8	23.6#