Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
Data File : BN015602.D
Acq On : 16 Jul 2021 18:46
Operator : CG/JU
Sample : M2914-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBK31DL

Quant Time: Jul 17 00:19:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 16 15:41:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	9698	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.446	164	17131	0.400	ng/ul	# 0.02
13) Phenanthrene-d10	17.179	188	11436	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.375	240	8549	0.400	ng/ul	# 0.00
23) Perylene-d12	23.719	264	8049	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	1676	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1981	0.130	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	2948	0.105	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	2175	0.731	ng/ul#	38
5) Naphthalene	10.633	128	286193	9.250	ng/ul#	90
7) 2-Methylnaphthalene	12.250	142	117925	5.825	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	84481	4.314	ng/ul	95
11) Acenaphthene	14.492	153	3894	0.057	ng/ul#	73
12) Fluorene	15.482	166	7801	0.104	ng/ul#	88
14) Pentachlorophenol	16.845	266	126	0.050	ng/ul	96
15) Phenanthrene	17.200	178	9031	0.218	ng/ul#	37
19) Fluoranthene	19.220	202	1606	0.041	ng/ul#	1
20) Pyrene	19.610	202	960	0.024	ng/ul#	1

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

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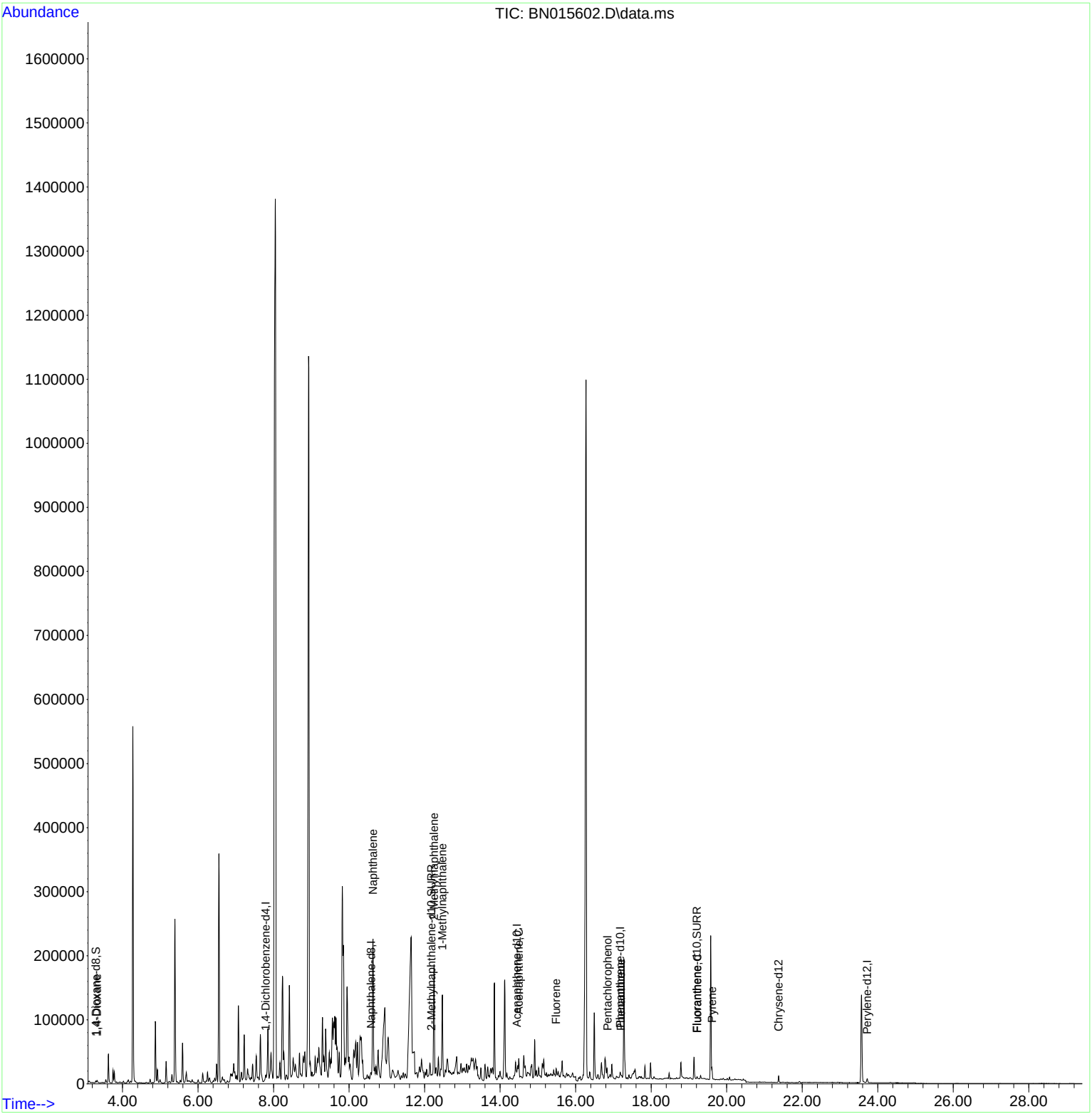
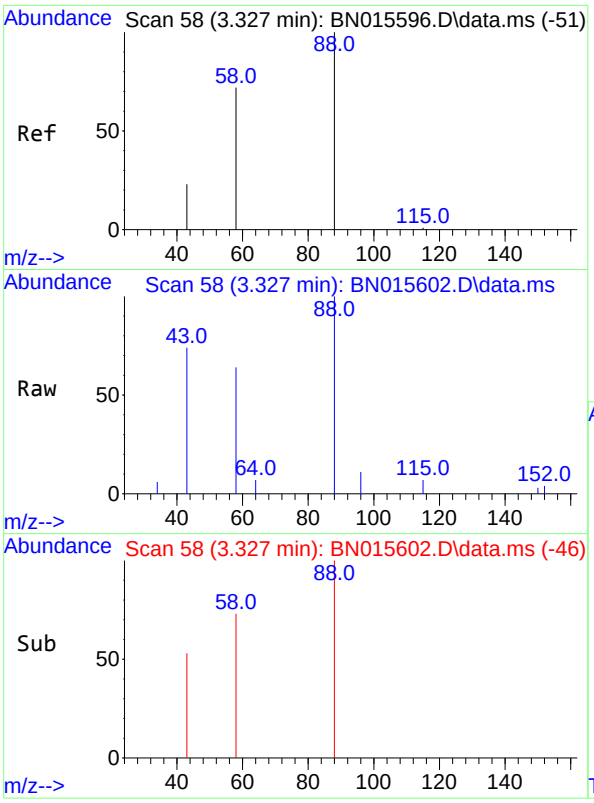
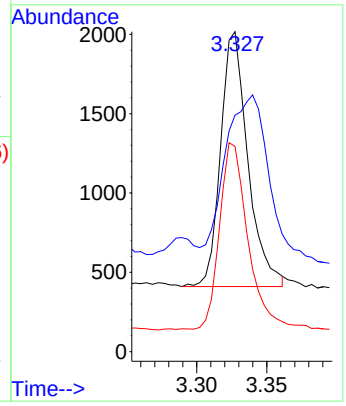




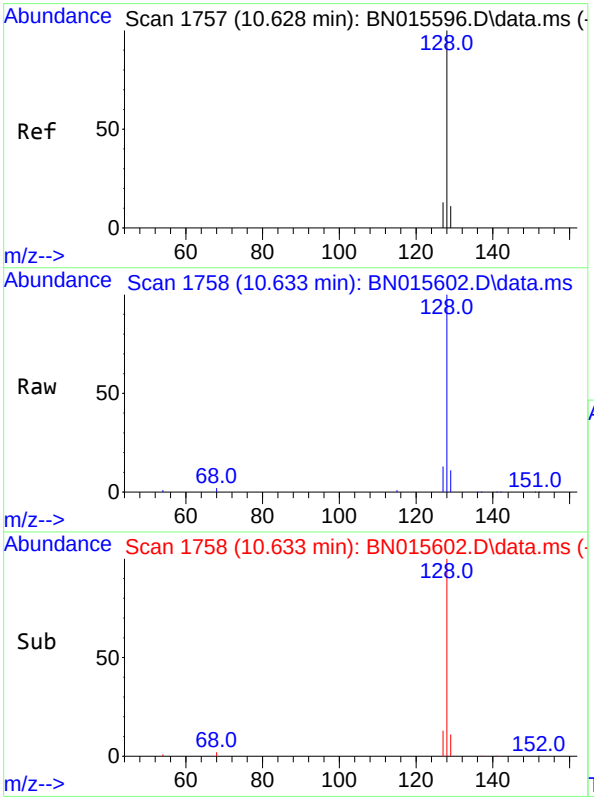
#2
1,4-Dioxane
Concen: 0.731 ng/ul
RT: 3.327 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion: 88 Resp: 2175

Ion	Ratio	Lower	Upper
88	100		
43	73.9	22.5	33.7#
58	64.2	30.4	45.6#



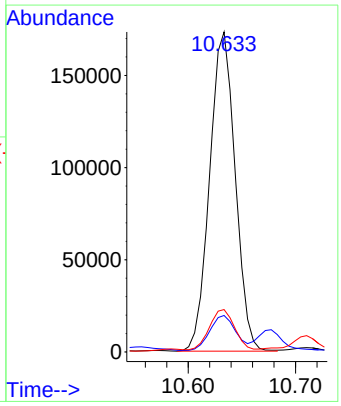
Instrument :
BNA_N
ClientSampleId :
DBK31DL



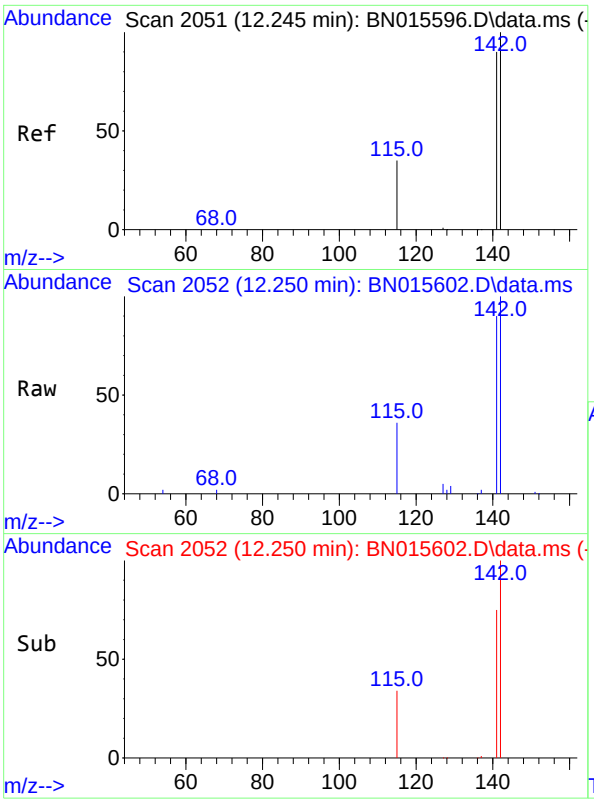
#5
Naphthalene
Concen: 9.250 ng/ul
RT: 10.633 min Scan# 1758
Delta R.T. 0.005 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:128 Resp: 286193

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.9	16.3
127	13.3	15.7	23.5#



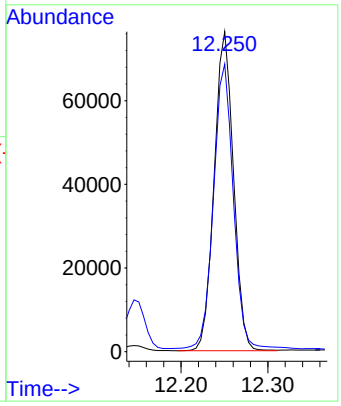
Instrument :
BNA_N
ClientSampleId :
DBK31DL

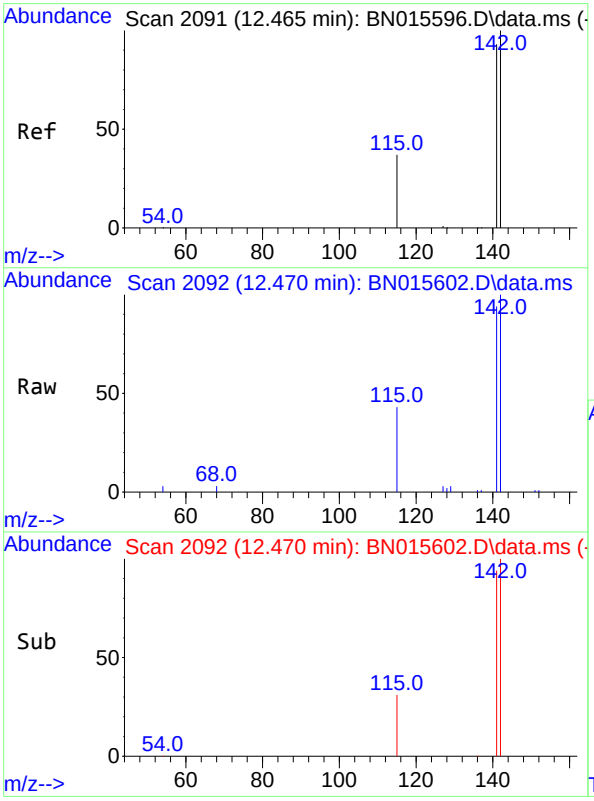


#7
2-Methylnaphthalene
Concen: 5.825 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. 0.005 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:142 Resp: 117925

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.2	105.2

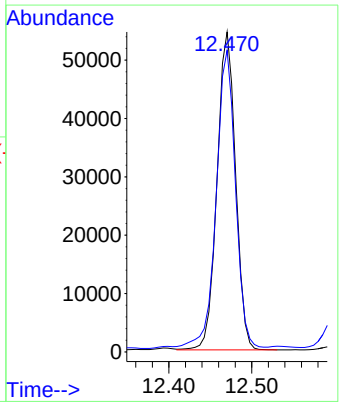




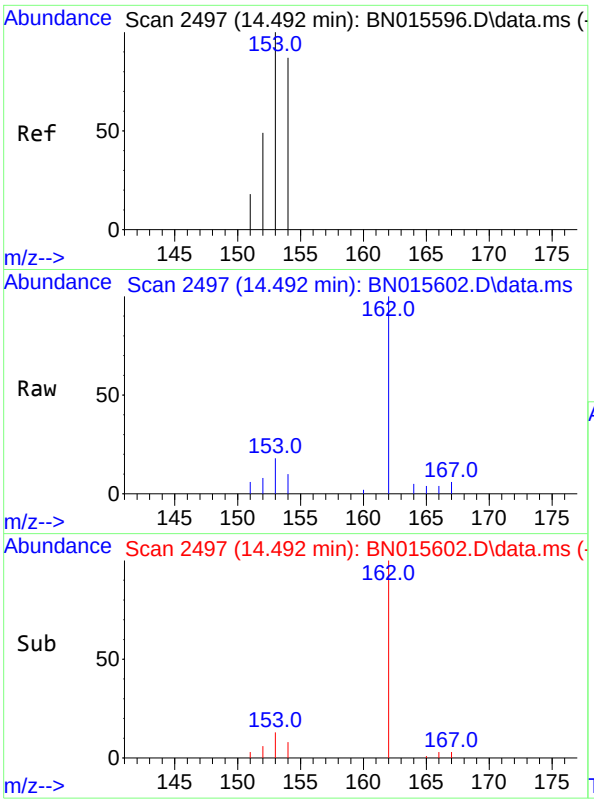
#8
1-Methylnaphthalene
Concen: 4.314 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:142 Resp: 84481

Ion	Ratio	Lower	Upper
142	100		
141	97.7	73.9	110.9



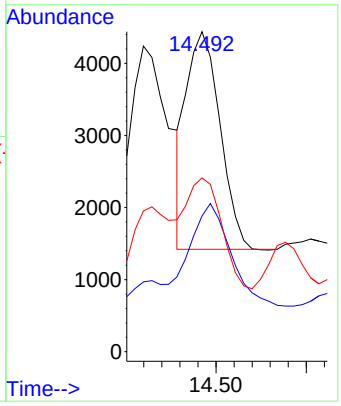
Instrument :
BNA_N
ClientSampleId :
DBK31DL

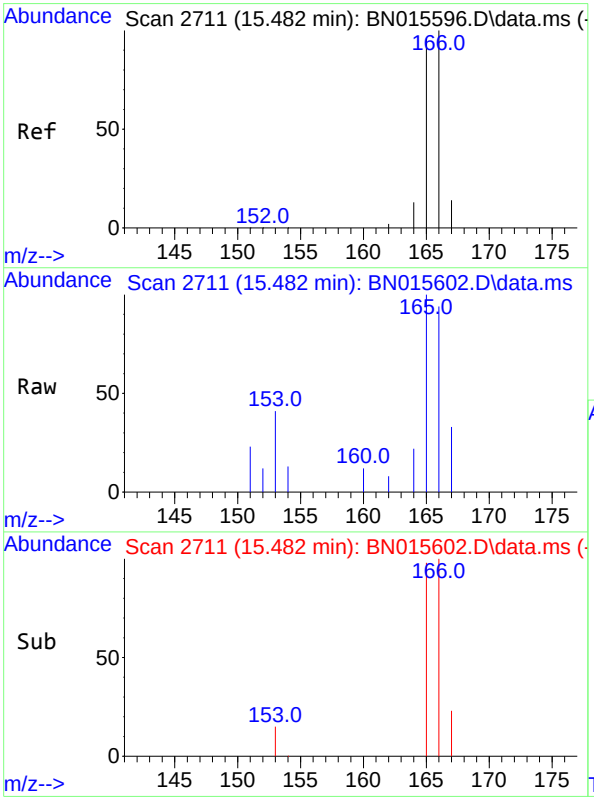


#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.492 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:153 Resp: 3894

Ion	Ratio	Lower	Upper
153	100		
152	42.4	39.7	59.5
154	54.3	71.0	106.4#

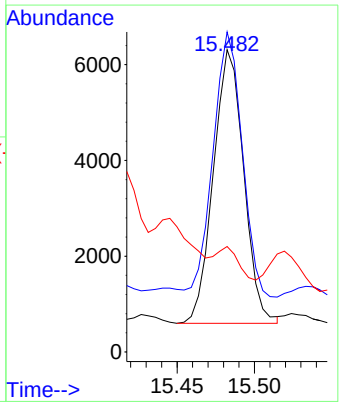




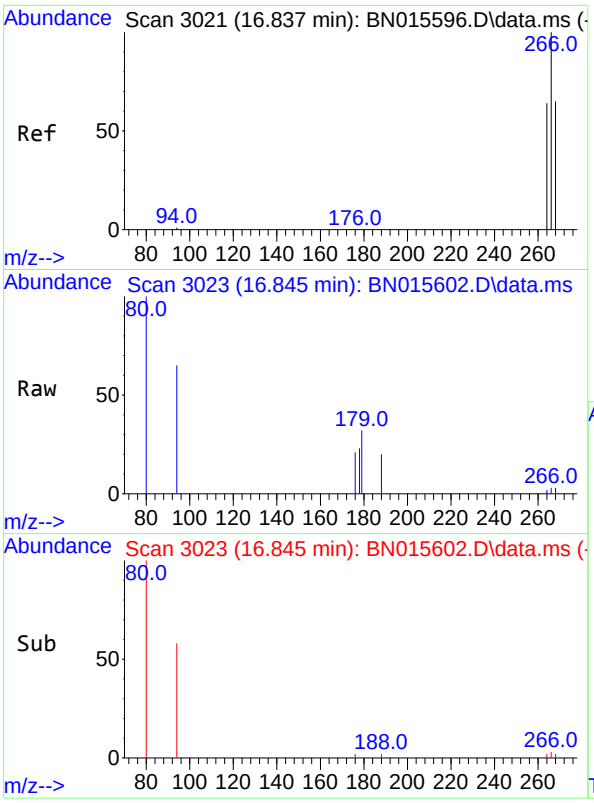
#12
Fluorene
Concen: 0.104 ng/ul
RT: 15.482 min Scan# 2711
Delta R.T. -0.000 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:166 Resp: 7801

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.3	118.9
167	34.9	13.8	20.6#



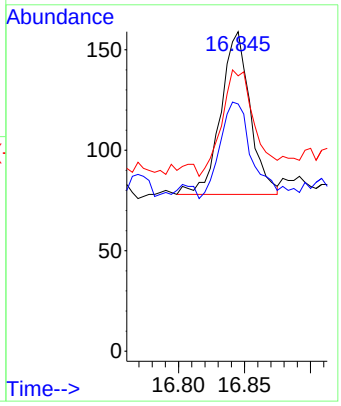
Instrument :
BNA_N
ClientSampleId :
DBK31DL

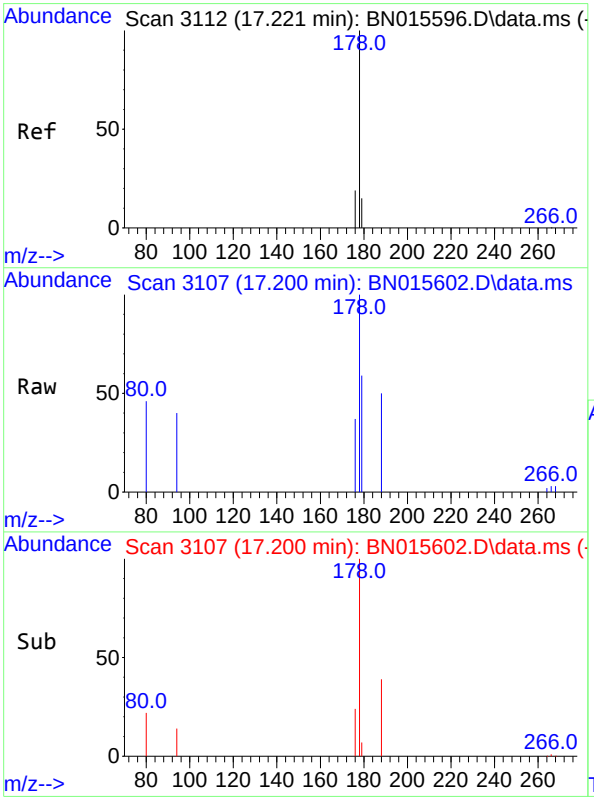


#14
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 16.845 min Scan# 3023
Delta R.T. 0.008 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:266 Resp: 126

Ion	Ratio	Lower	Upper
266	100		
264	66.7	52.9	79.3
268	79.4	59.4	89.0

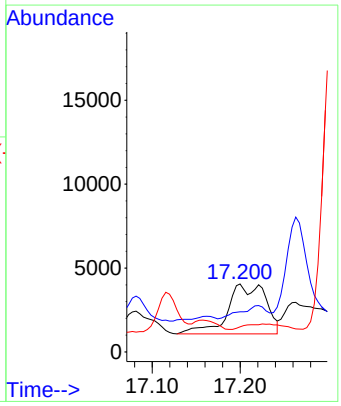




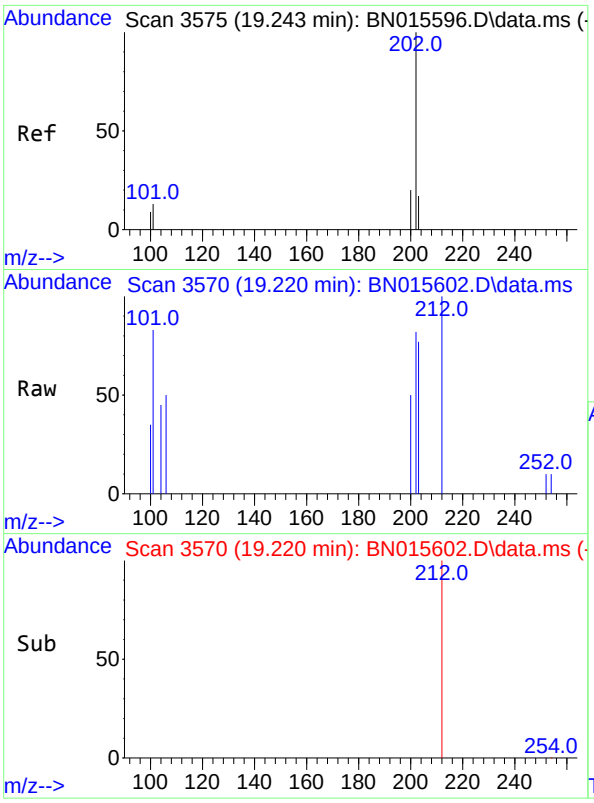
#15
Phenanthrene
Concen: 0.218 ng/ul
RT: 17.200 min Scan# 3107
Delta R.T. -0.021 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:178 Resp: 9031

Ion	Ratio	Lower	Upper
178	100		
179	58.9	13.8	20.6#
176	36.9	16.2	24.4#



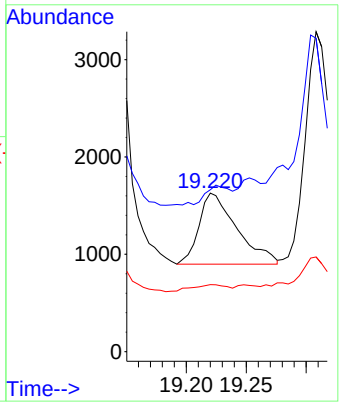
Instrument :
BNA_N
ClientSampleId :
DBK31DL

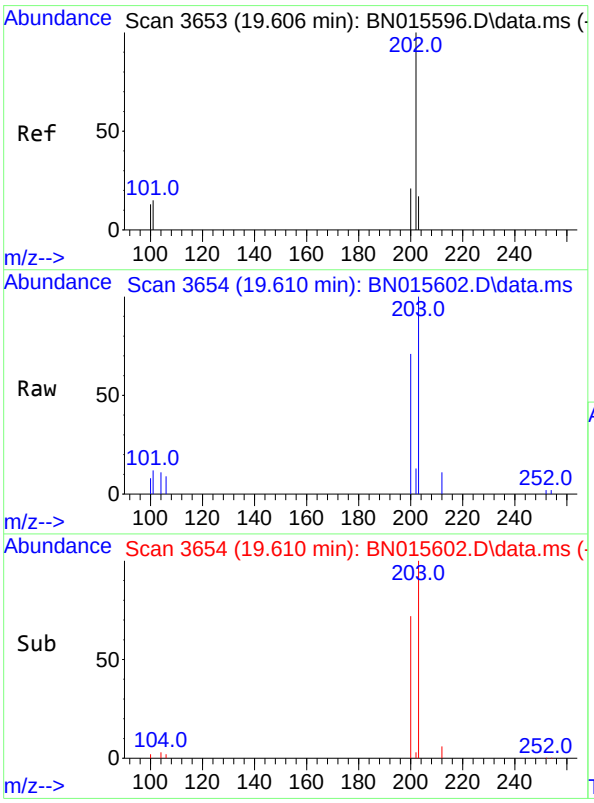


#19
Fluoranthene
Concen: 0.041 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.023 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:202 Resp: 1606

Ion	Ratio	Lower	Upper
202	100		
101	102.1	7.6	11.4#
100	42.2	5.9	8.9#





#20
Pyrene
Concen: 0.024 ng/ul
RT: 19.610 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BN015602.D
Acq: 16 Jul 2021 18:46

Tgt Ion:202 Resp: 960

Ion	Ratio	Lower	Upper
202	100		
101	91.3	8.5	12.7#
100	56.7	7.4	11.2#