Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
Data File : BN015601.D
Acq On : 16 Jul 2021 18:10
Operator : CG/JU
Sample : M2914-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBK31

Quant Time: Jul 17 00:19:33 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	7.795	152	2841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.589	136	16851	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.433	164	13436	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.192	188	17108	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.380	240	10174	0.400	ng/ul	# 0.00
23) Perylene-d12	23.724	264	9677	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	19323	6.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	6980	0.264	ng/ul	0.01
18) Fluoranthene-d10	19.221	212	15029	0.450	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	11817	3.415	ng/ul#	43
5) Naphthalene	10.644	128	1117354	20.784	ng/ul#	90
7) 2-Methylnaphthalene	12.261	142	464981	13.219	ng/ul	94
8) 1-Methylnaphthalene	12.481	142	377750	11.103	ng/ul	97
10) Acenaphthylene	14.160	152	3071	0.044	ng/ul#	1
11) Acenaphthene	14.507	153	39901	0.750	ng/ul#	61
12) Fluorene	15.497	166	34117	0.580	ng/ul#	86
14) Pentachlorophenol	16.880	266	508	0.134	ng/ul	90
15) Phenanthrene	17.230	178	36934	0.595	ng/ul#	63
16) Anthracene	17.331	178	11758	0.215	ng/ul#	1
19) Fluoranthene	19.248	202	5281	0.112	ng/ul#	1
20) Pyrene	19.625	202	3925	0.083	ng/ul#	1

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

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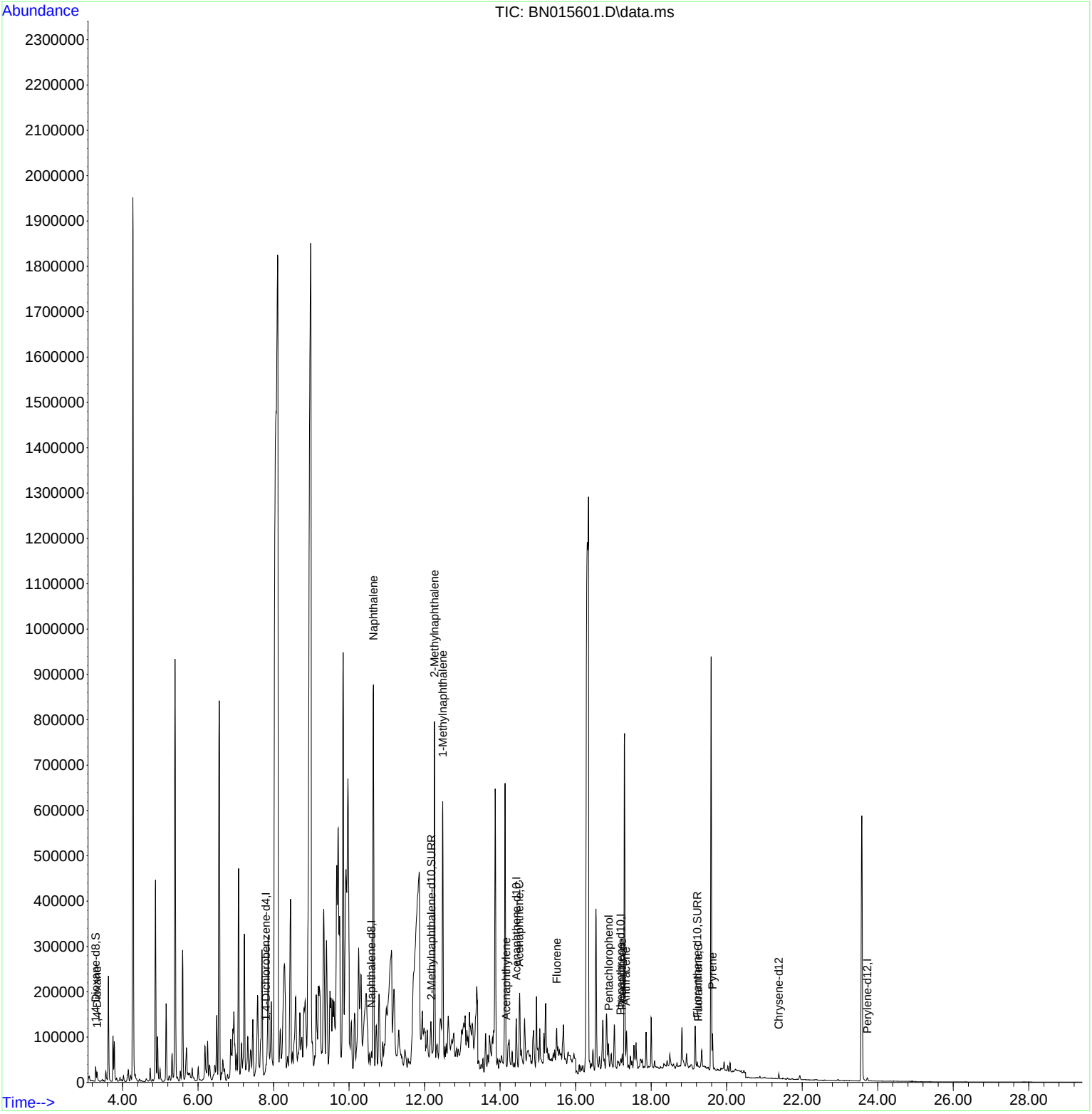
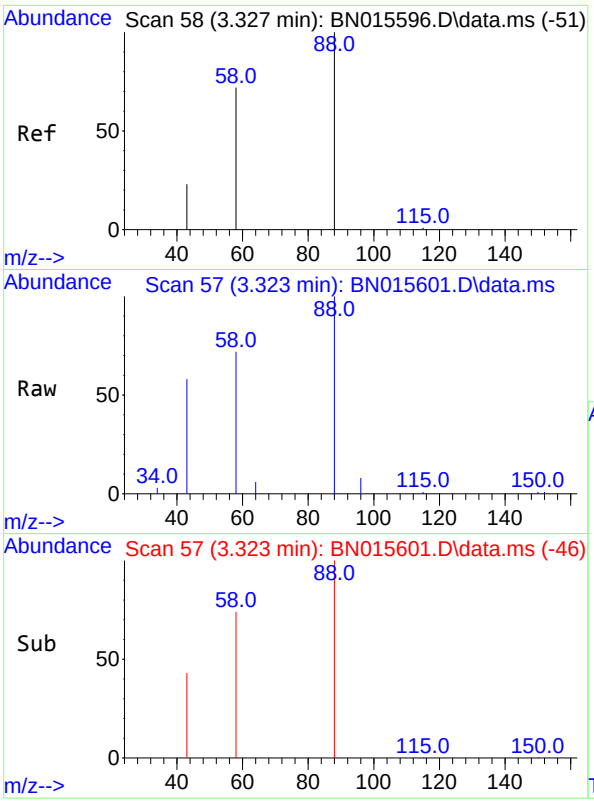


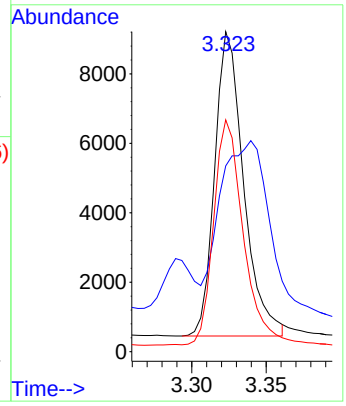
Instrument :
BNA_N
ClientSampleId :
DBK31

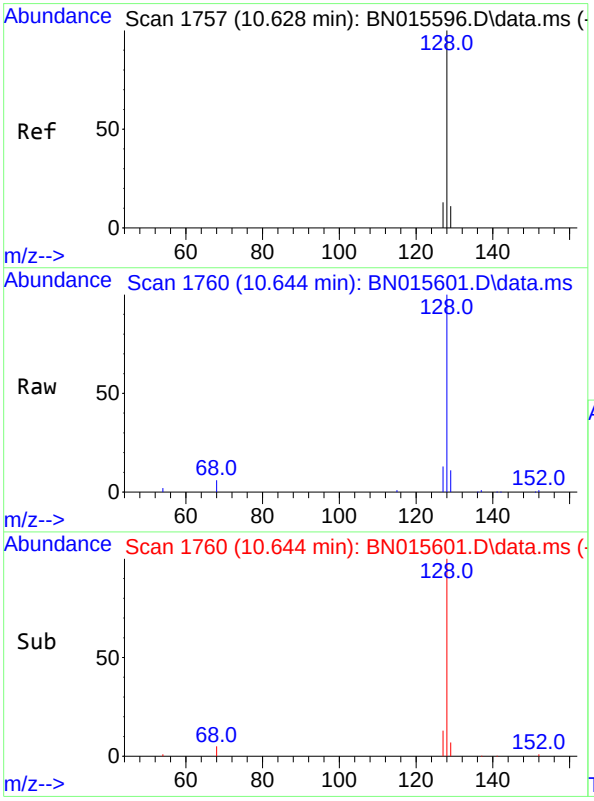


#2
1,4-Dioxane
Concen: 3.415 ng/ul
RT: 3.323 min Scan# 57
Delta R.T. -0.005 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion: 88 Resp: 11817

Ion	Ratio	Lower	Upper
88	100		
43	58.0	22.5	33.7#
58	72.4	30.4	45.6#

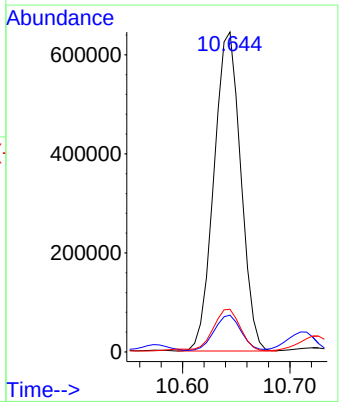


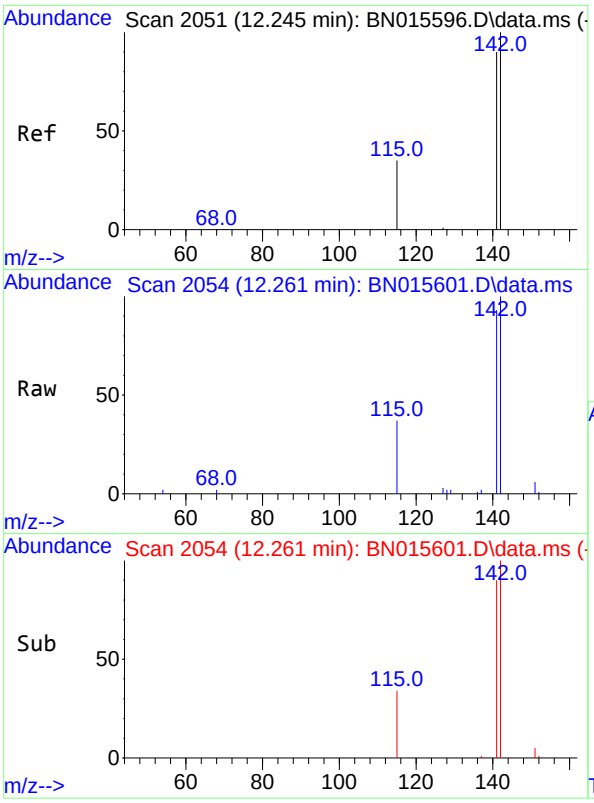


#5
Naphthalene
Concen: 20.784 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. 0.016 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:128 Resp: 1117354

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.9	16.3
127	13.4	15.7	23.5#

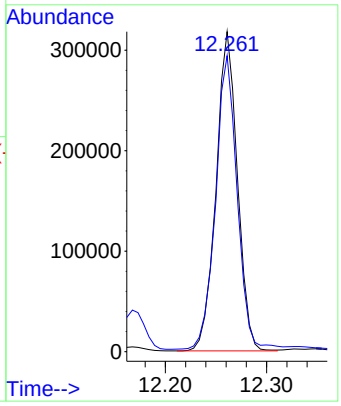




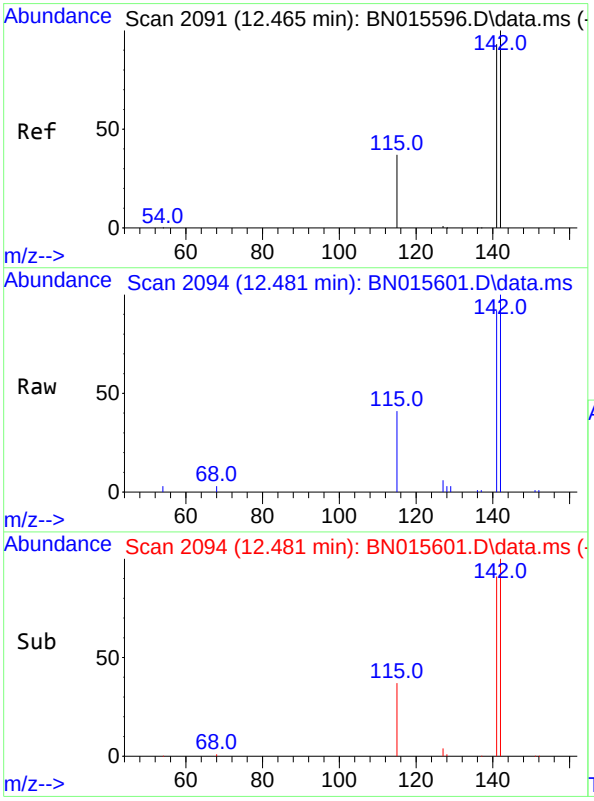
#7
2-Methylnaphthalene
Concen: 13.219 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. 0.016 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:142 Resp: 464981

Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.2	105.2



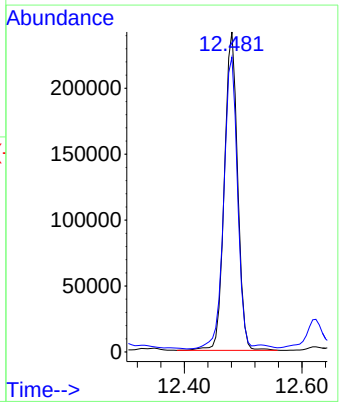
Instrument :
BNA_N
ClientSampleId :
DBK31



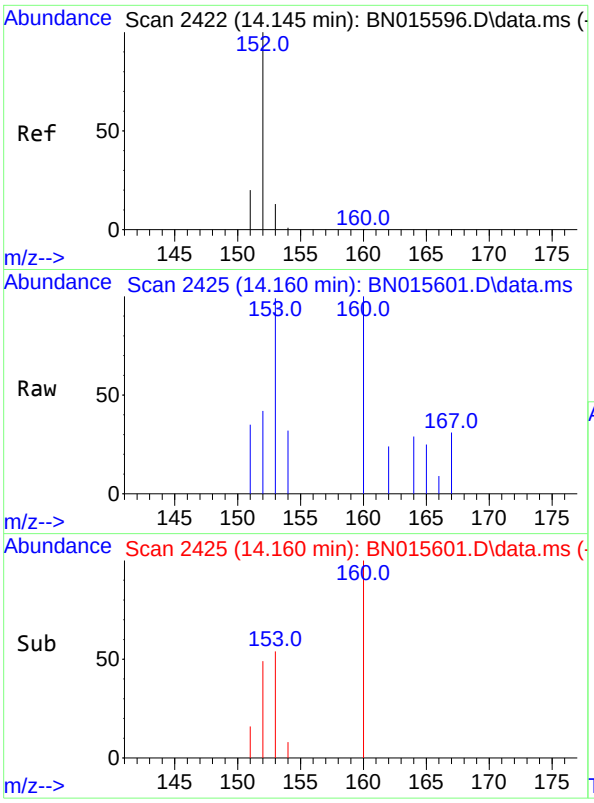
#8
1-Methylnaphthalene
Concen: 11.103 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.016 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:142 Resp: 377750

Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.9	110.9



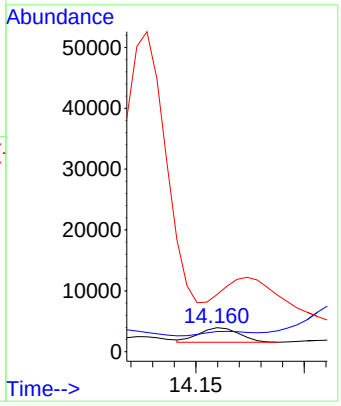
Instrument :
BNA_N
ClientSampleId :
DBK31

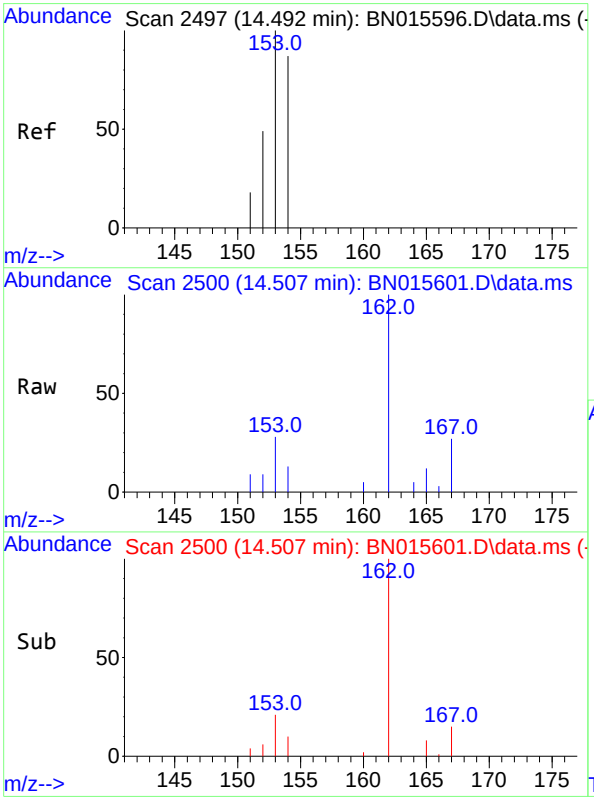


#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.160 min Scan# 2425
Delta R.T. 0.014 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:152 Resp: 3071

Ion	Ratio	Lower	Upper
152	100		
151	84.1	20.2	30.4#
153	238.3	14.2	21.4#

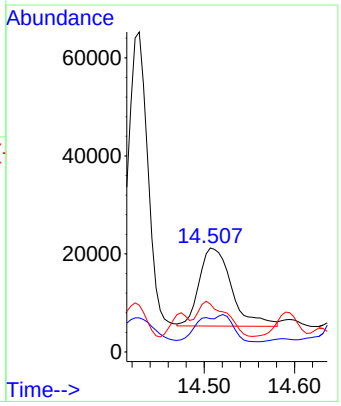




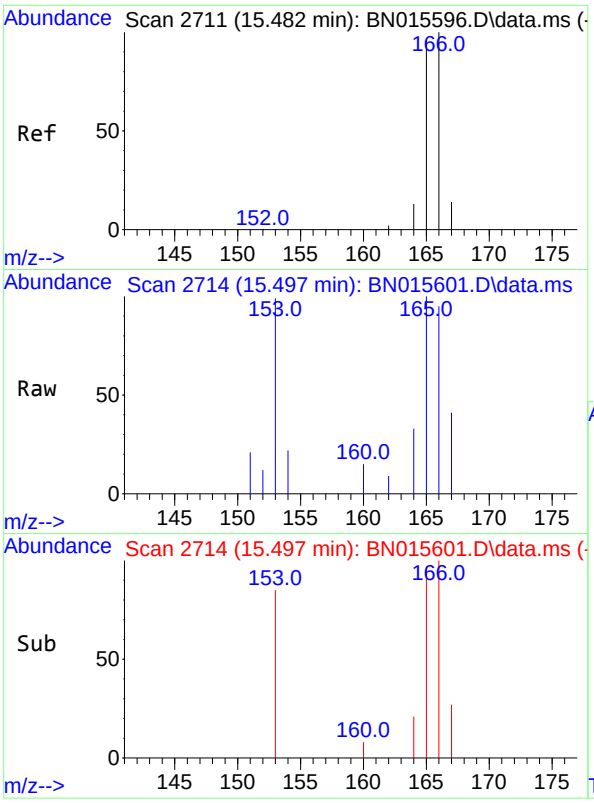
#11
Acenaphthene
Concen: 0.750 ng/ul
RT: 14.507 min Scan# 2500
Delta R.T. 0.014 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:153 Resp: 39901

Ion	Ratio	Lower	Upper
153	100		
152	32.0	39.7	59.5#
154	46.0	71.0	106.4#



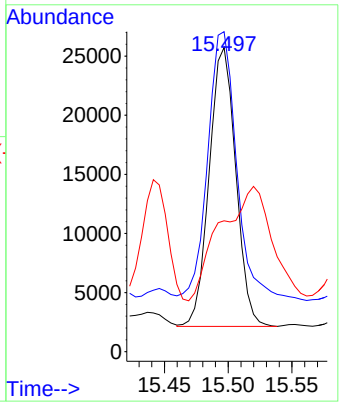
Instrument :
BNA_N
ClientSampleId :
DBK31

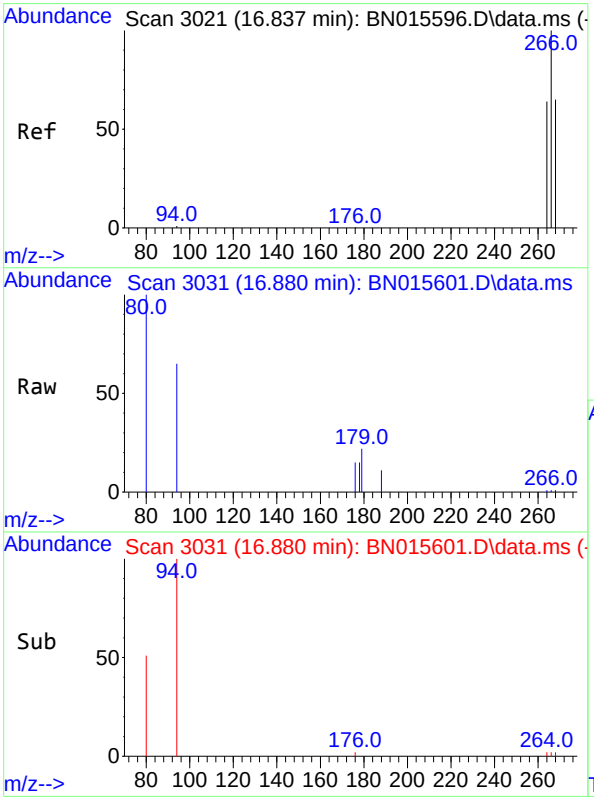


#12
Fluorene
Concen: 0.580 ng/ul
RT: 15.497 min Scan# 2714
Delta R.T. 0.014 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:166 Resp: 34117

Ion	Ratio	Lower	Upper
166	100		
165	105.2	79.3	118.9
167	43.0	13.8	20.6#

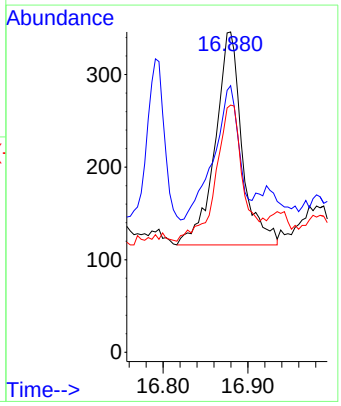




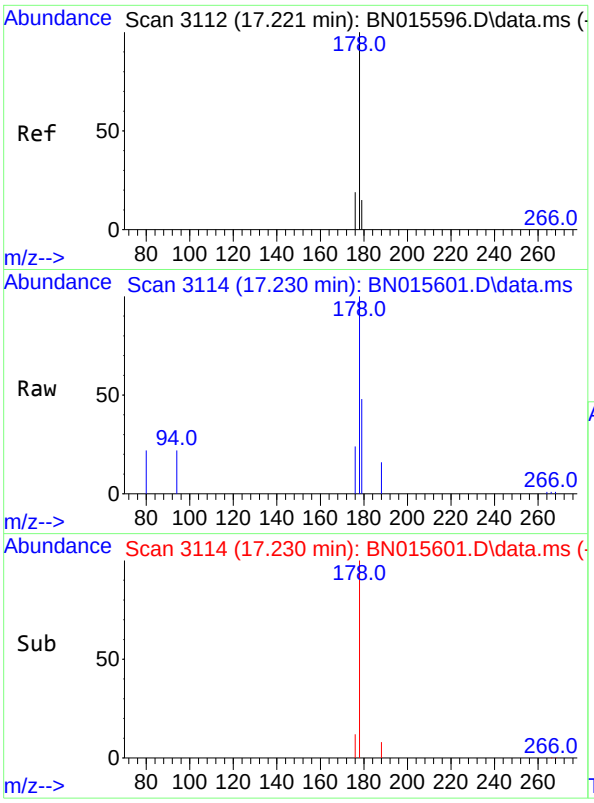
#14
Pentachlorophenol
Concen: 0.134 ng/ul
RT: 16.880 min Scan# 3031
Delta R.T. 0.043 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:266 Resp: 508

Ion	Ratio	Lower	Upper
266	100		
264	59.3	52.9	79.3
268	65.2	59.4	89.0



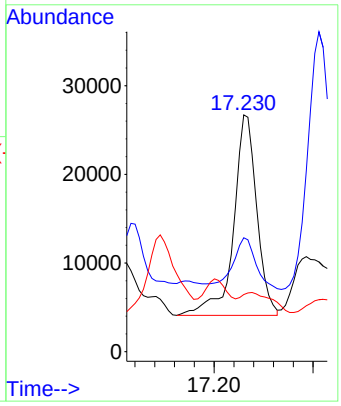
Instrument :
BNA_N
ClientSampleId :
DBK31

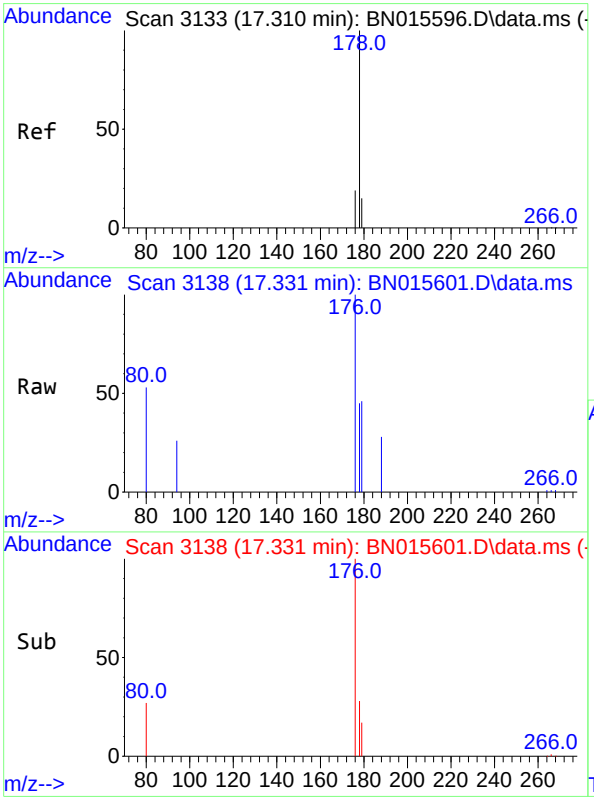


#15
Phenanthrene
Concen: 0.595 ng/ul
RT: 17.230 min Scan# 3114
Delta R.T. 0.009 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:178 Resp: 36934

Ion	Ratio	Lower	Upper
178	100		
179	48.1	13.8	20.6#
176	24.1	16.2	24.4

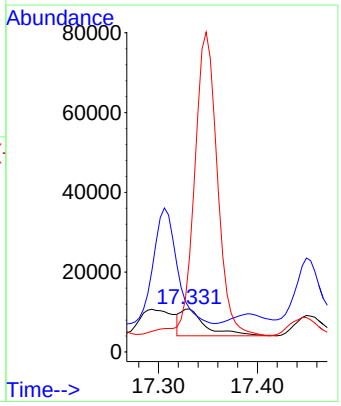




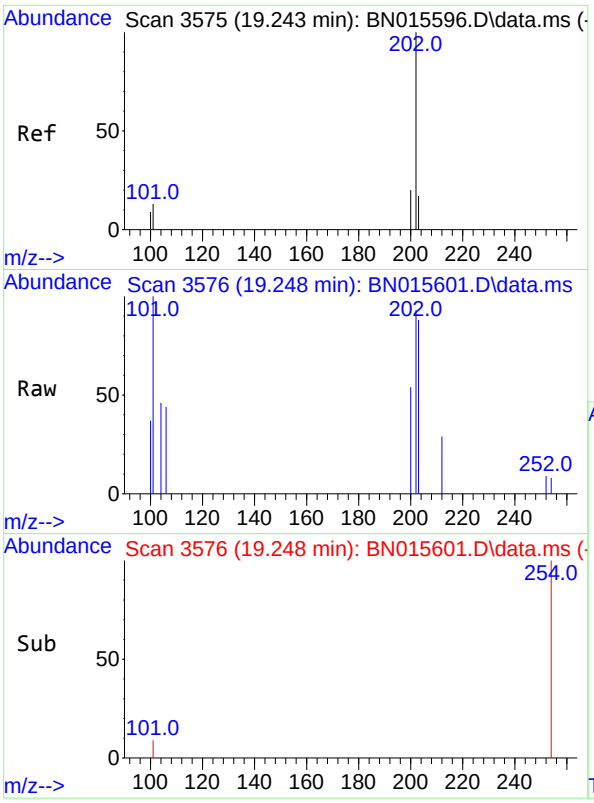
#16
Anthracene
Concen: 0.215 ng/ul
RT: 17.331 min Scan# 3138
Delta R.T. 0.022 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:178 Resp: 11758

Ion	Ratio	Lower	Upper
178	100		
179	100.8	14.3	21.5#
176	219.9	17.1	25.7#



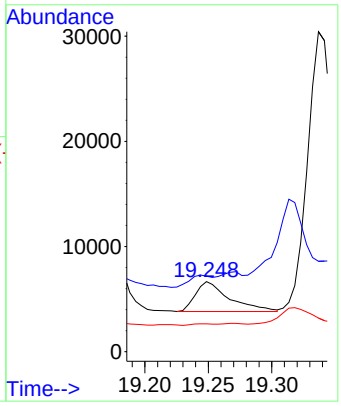
Instrument :
BNA_N
ClientSampleId :
DBK31

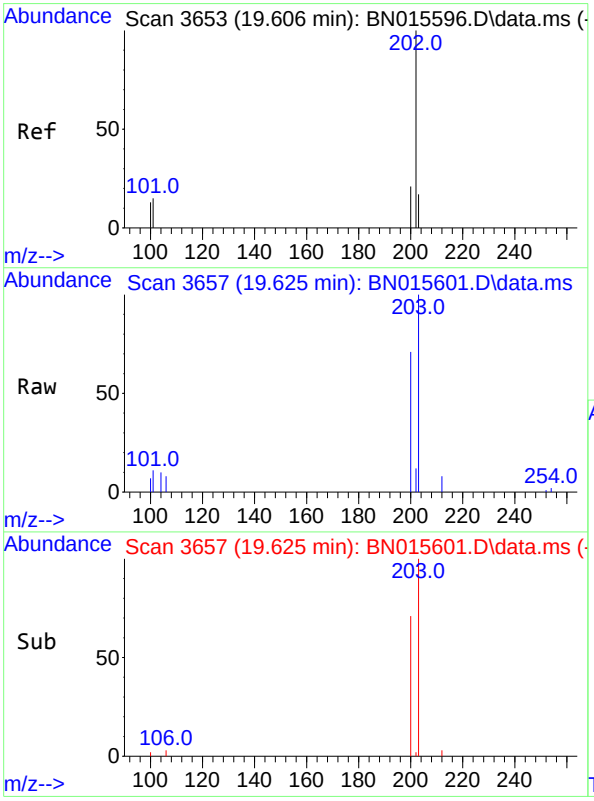


#19
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.248 min Scan# 3576
Delta R.T. 0.005 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:202 Resp: 5281

Ion	Ratio	Lower	Upper
202	100		
101	107.7	7.6	11.4#
100	39.6	5.9	8.9#





#20
Pyrene
Concen: 0.083 ng/ul
RT: 19.625 min Scan# 3657
Delta R.T. 0.019 min
Lab File: BN015601.D
Acq: 16 Jul 2021 18:10

Tgt Ion:202 Resp: 3925

Ion	Ratio	Lower	Upper
202	100		
101	92.1	8.5	12.7#
100	59.0	7.4	11.2#