Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015422.D
Acq On : 08 Jul 2021 23:28
Operator : CG/JU
Sample : M2905-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBK34

Manual Integrations APPROVED
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Quant Time: Jul 09 01:16:33 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	2992	0.400	ng/ul		0.00
4) Naphthalene-d8	10.485	136	11436	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.340	164	9005	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	17.090	188	14116m	0.400	ng/ul		0.00
17) Chrysene-d12	21.284	240	10297	0.400	ng/ul	#	0.00
23) Perylene-d12	23.523	264	10371	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.281	96	16861	5.000	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.074	152	7634	0.425	ng/ul		0.00
18) Fluoranthene-d10	19.122	212	14049	0.415	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	22387	6.143	ng/ul	#	84
5) Naphthalene	10.534	128	27937	0.766	ng/ul	#	94
7) 2-Methylnaphthalene	12.146	142	8242	0.345	ng/ul	#	1
8) 1-Methylnaphthalene	12.371	142	7643	0.331	ng/ul		87
12) Fluorene	15.390	166	4222	0.107	ng/ul	#	77
15) Phenanthrene	17.103	178	8386	0.164	ng/ul	#	35
16) Anthracene	17.221	178	2140	0.047	ng/ul	#	1

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

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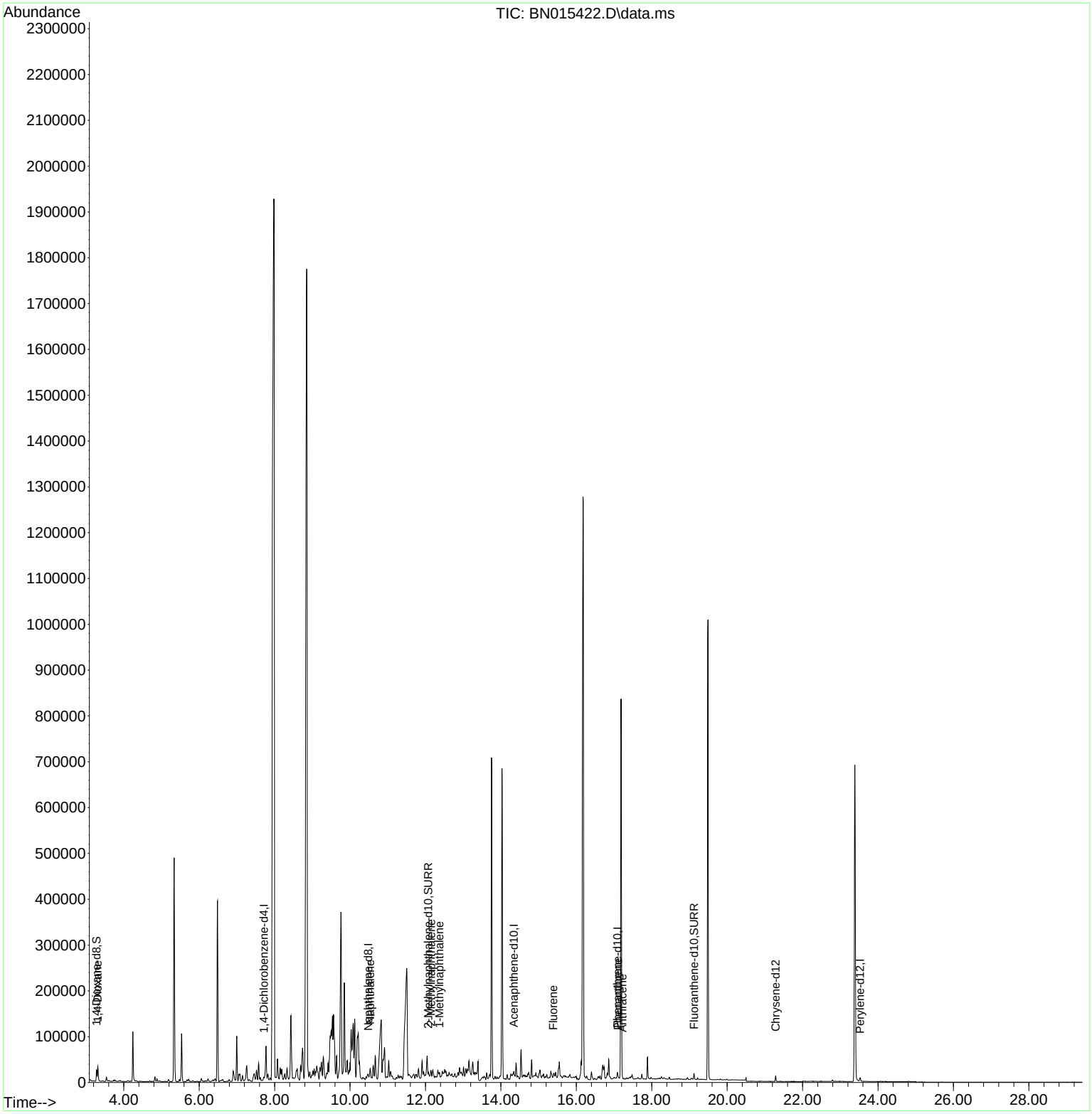
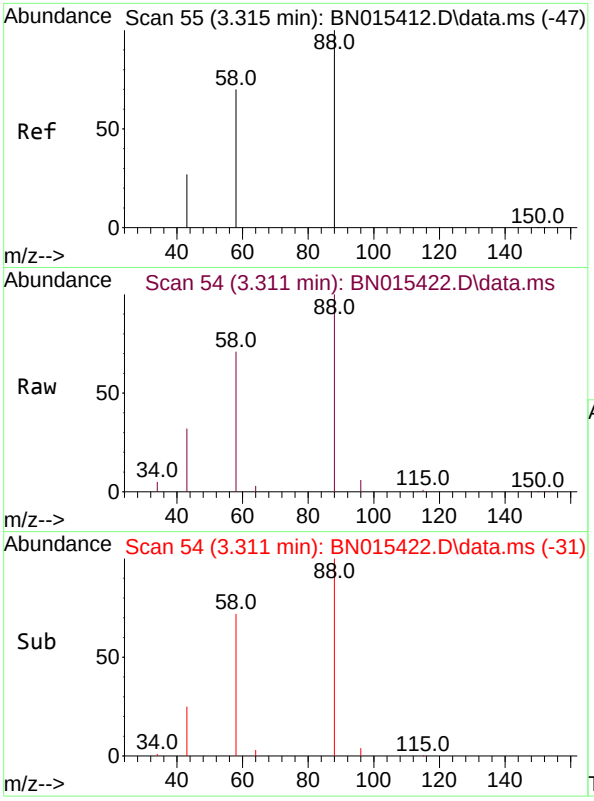
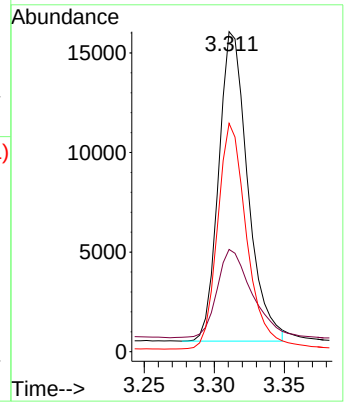




#2
1,4-Dioxane
Concen: 6.143 ng/ul
RT: 3.311 min Scan# 54
Delta R.T. -0.004 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion: 88 Resp: 22387

Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.9	37.3
58	71.3	43.4	65.0#



Instrument :
BNA_N
ClientSampleId :
DBK34

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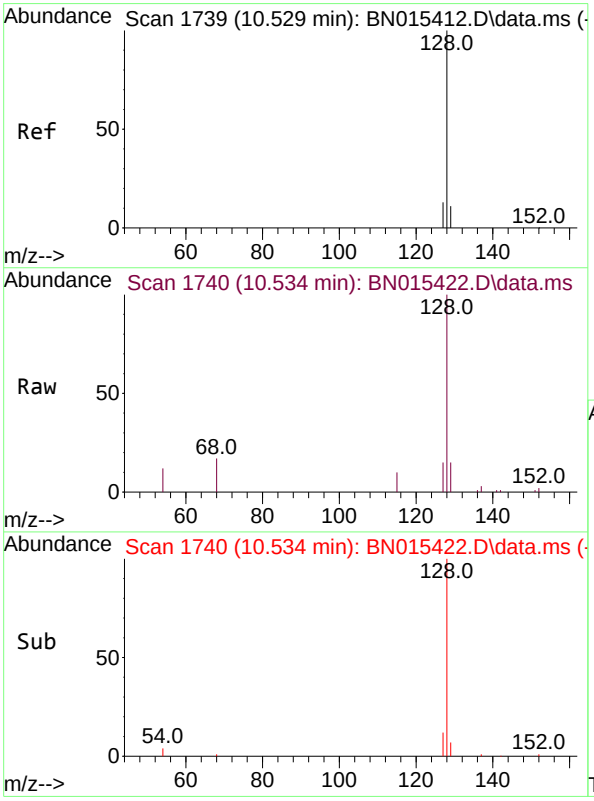
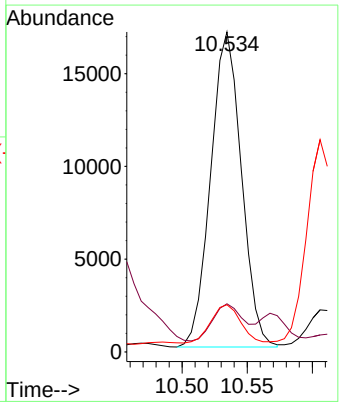
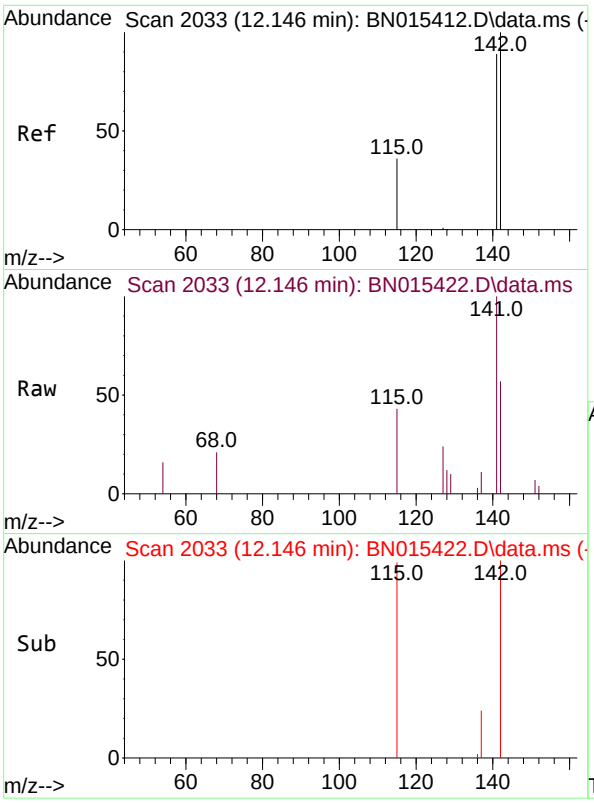


#5
Naphthalene
Concen: 0.766 ng/ul
RT: 10.534 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion:128 Resp: 27937

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.3	13.9#
127	14.8	10.8	16.2

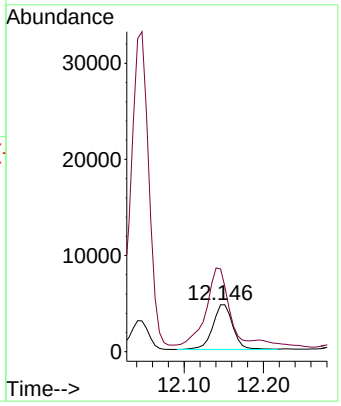




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion:142 Resp: 8242

Ion	Ratio	Lower	Upper
142	100		
141	197.5	70.3	105.5#



Instrument :
BNA_N
ClientSampleId :
DBK34

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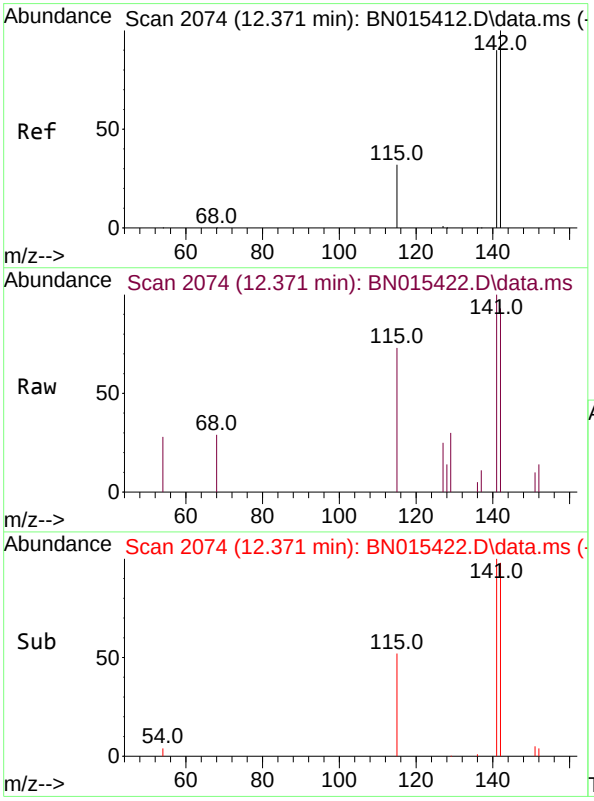
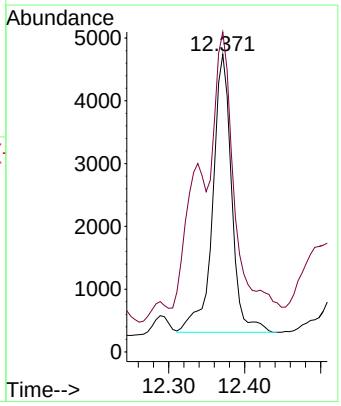
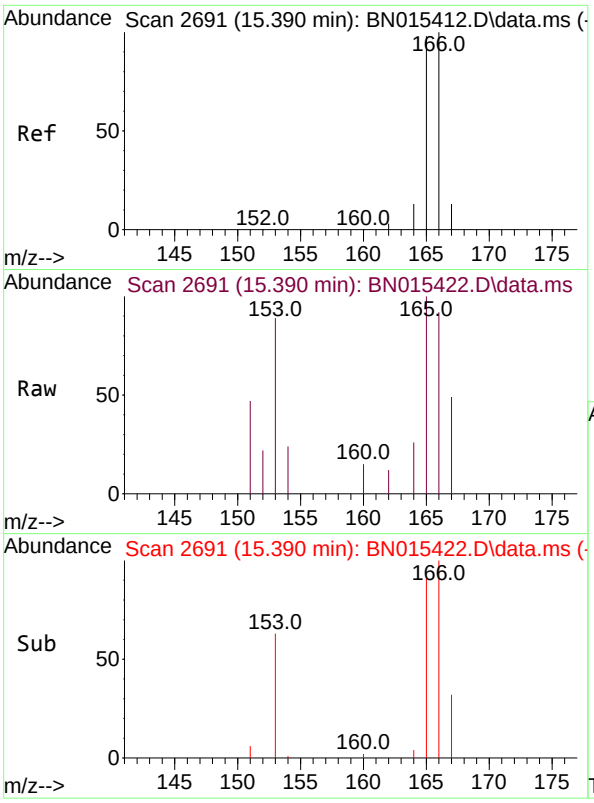


#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion:142 Resp: 7643

Ion	Ratio	Lower	Upper
142	100		
141	105.0	74.2	111.4

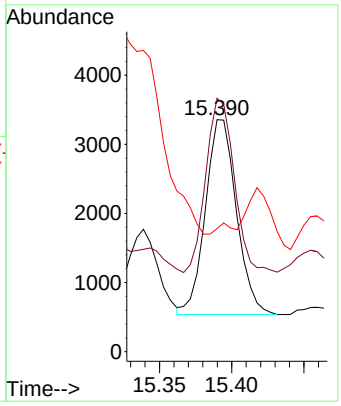




#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion:166 Resp: 4222

Ion	Ratio	Lower	Upper
166	100		
165	109.2	77.8	116.8
167	53.1	11.2	16.8#



Instrument :
BNA_N
ClientSampleId :
DBK34

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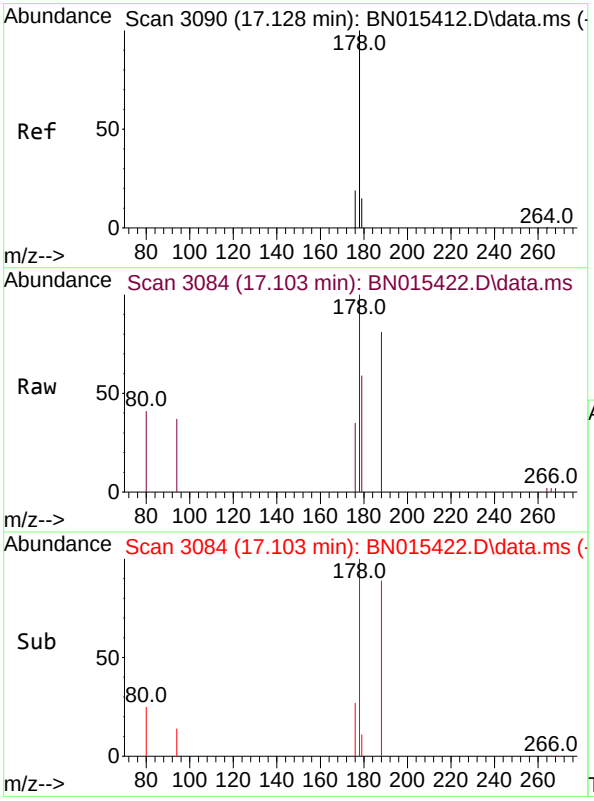
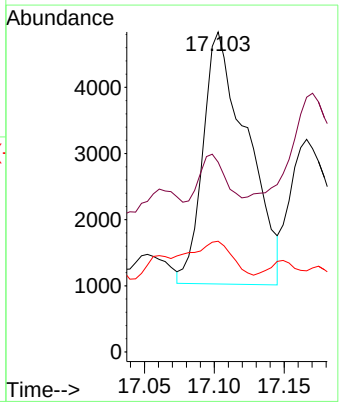
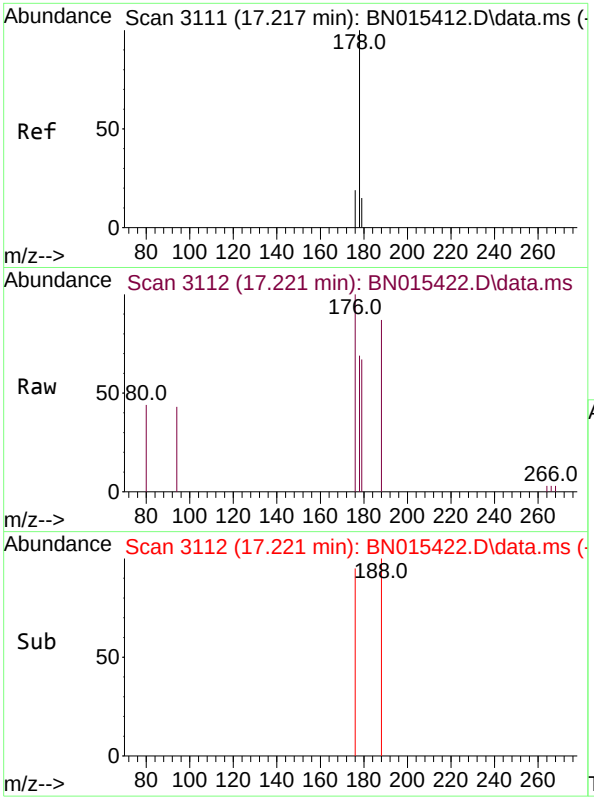


#15
Phenanthrene
Concen: 0.164 ng/ul
RT: 17.103 min Scan# 3084
Delta R.T. -0.025 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion:178 Resp: 8386

Ion	Ratio	Lower	Upper
178	100		
179	59.3	12.3	18.5#
176	34.6	15.5	23.3#

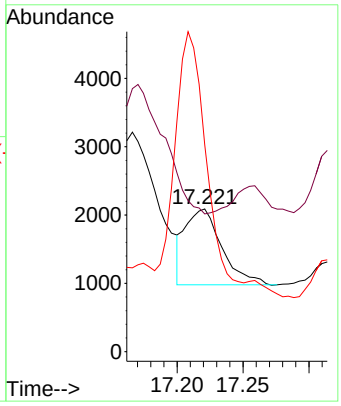




#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.221 min Scan# 3112
Delta R.T. 0.004 min
Lab File: BN015422.D
Acq: 08 Jul 2021 23:28

Tgt Ion:178 Resp: 2140

Ion	Ratio	Lower	Upper
178	100		
179	96.6	12.8	19.2#
176	145.1	15.2	22.8#



Instrument :
BNA_N
ClientSampleId :
DBK34

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