Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020322\
Data File : BN018573.D
Acq On : 03 Feb 2022 16:10
Operator : CG/JU
Sample : N1307-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0Q49

Quant Time: Feb 04 02:06:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 14:08:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.927	152	372	0.400	ng/ul		0.00
4) Naphthalene-d8	10.728	136	1340	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.553	164	801	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	17.289	188	1603	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.465	240	1427	0.400	ng/ul	#	0.00
23) Perylene-d12	23.861	264	1420	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.295	96	1134	2.655	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.317	152	744	0.407	ng/ul		0.00
18) Fluoranthene-d10	19.314	212	1936	0.475	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	36	0.078	ng/ul	#	90
5) Naphthalene	10.777	128	309	0.083	ng/ul	#	55
7) 2-Methylnaphthalene	12.389	142	85	0.036	ng/ul		99
8) 1-Methylnaphthalene	12.609	142	71	0.029	ng/ul		94
12) Fluorene	15.599	166	1179	0.390	ng/ul	#	98
14) Pentachlorophenol	16.943	266	21175	70.858	ng/ul		99
15) Phenanthrene	17.332	178	214	0.041	ng/ul	#	45

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

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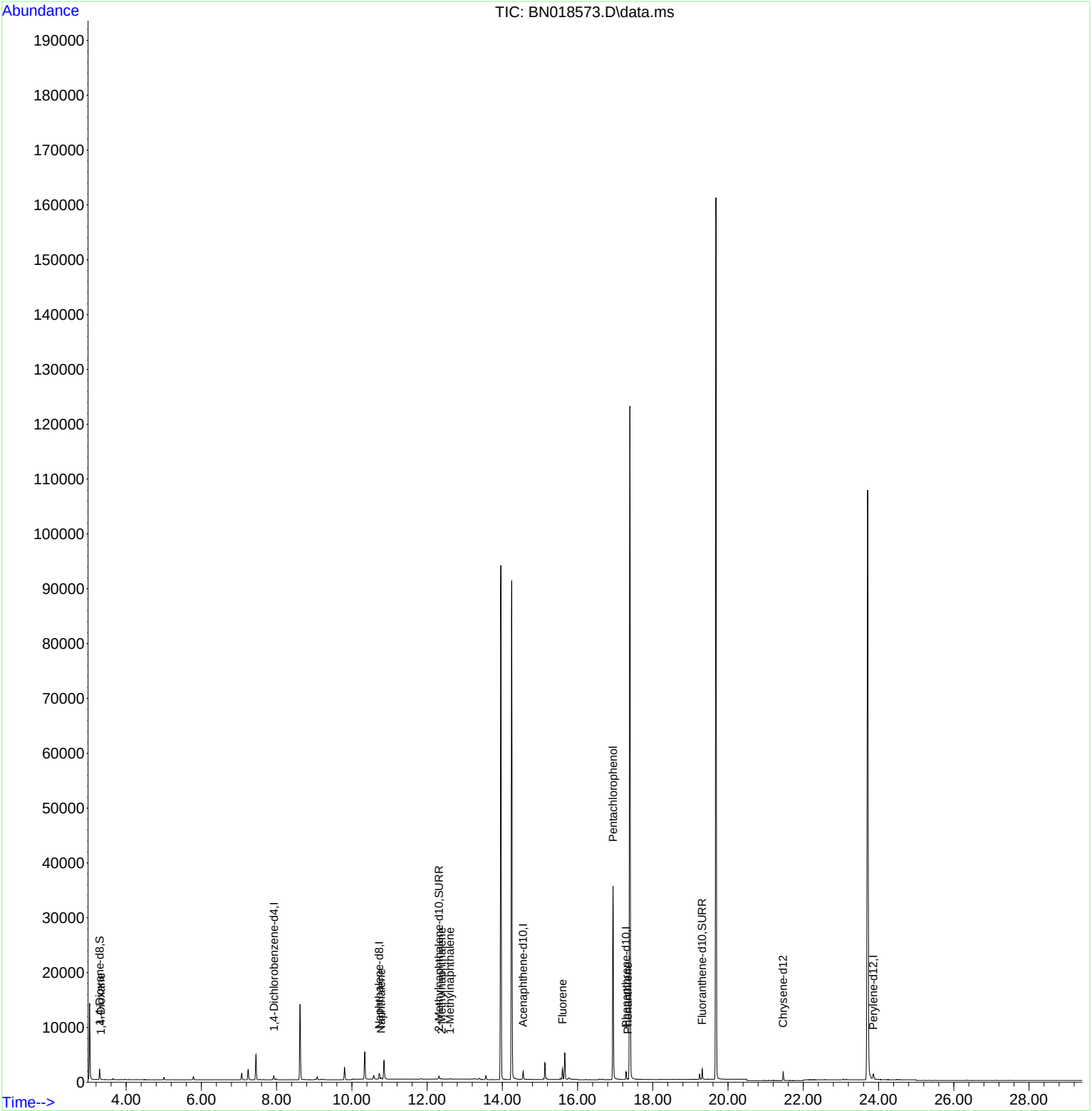
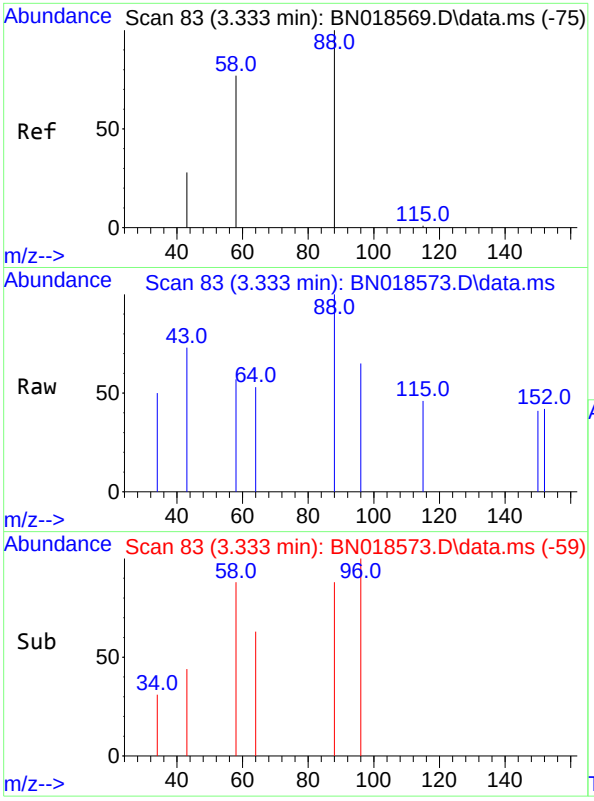


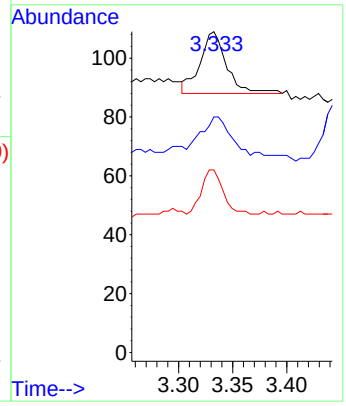


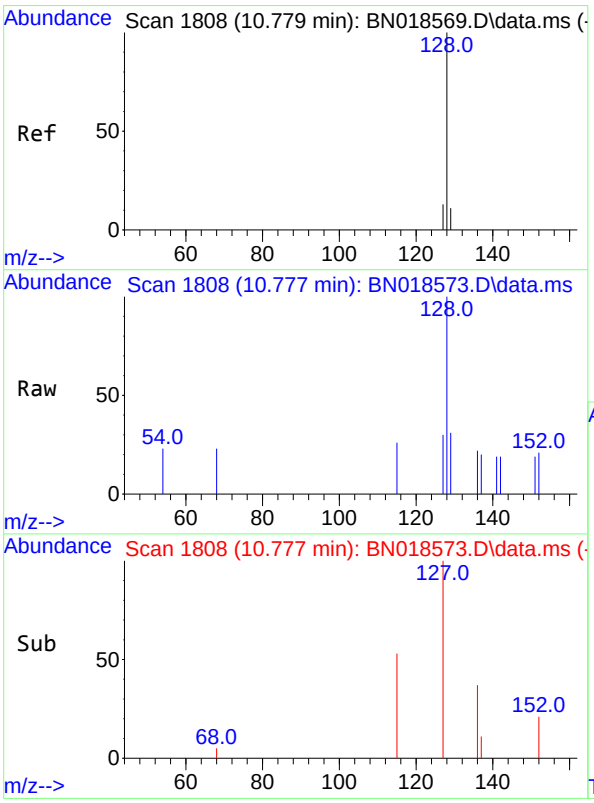
#2
1,4-Dioxane
Concen: 0.078 ng/ul
RT: 3.333 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Instrument :
BNA_N
ClientSampleId :
C0Q49

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
43	73.4	47.8	71.8#
58	56.9	46.2	69.2

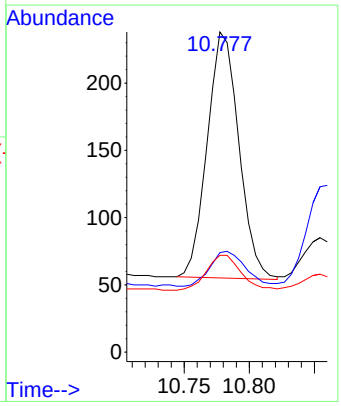


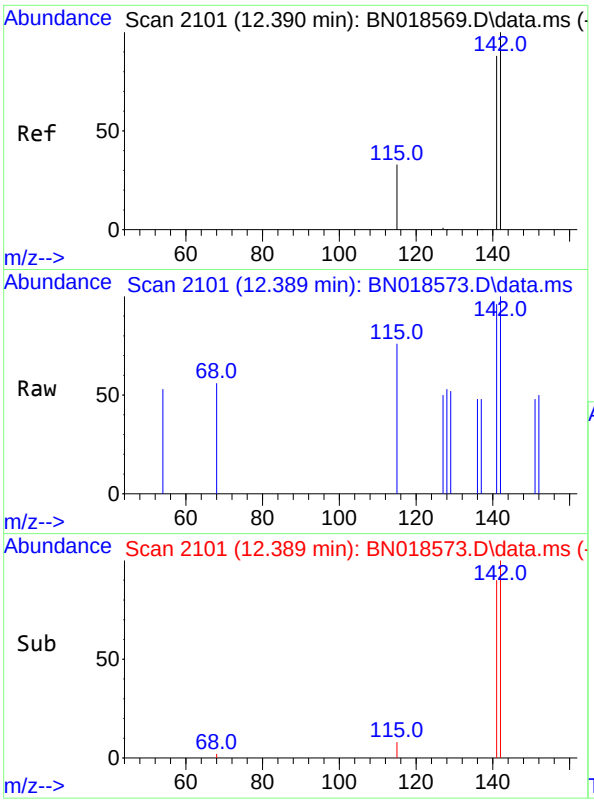


#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.777 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Tgt Ion:128 Resp: 309

Ion	Ratio	Lower	Upper
128	100		
129	31.1	9.4	14.0#
127	30.3	11.0	16.6#



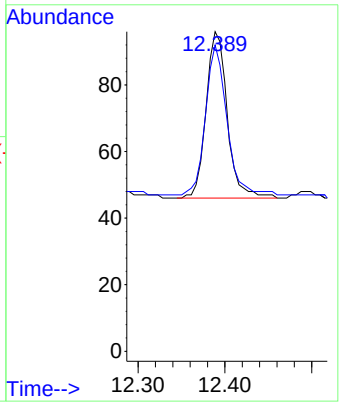


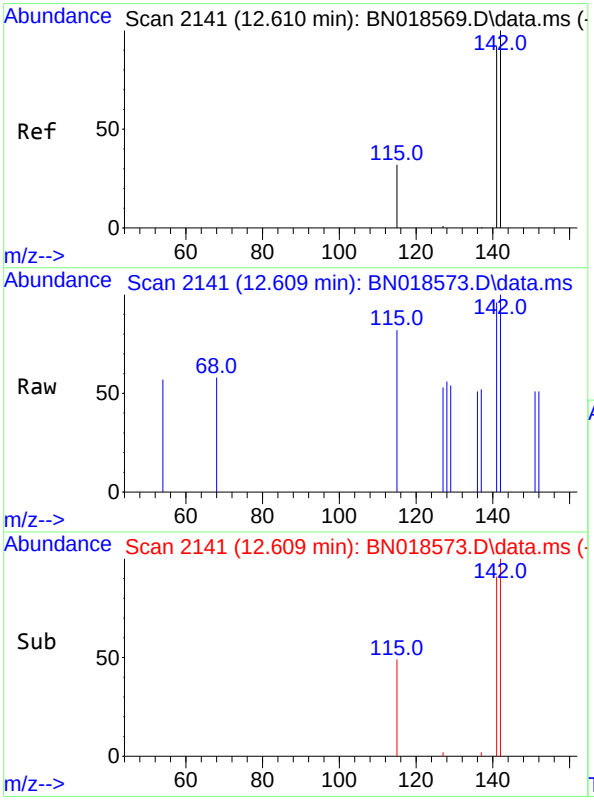
#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Instrument :
BNA_N
ClientSampleId :
C0Q49

Tgt Ion:142 Resp: 85

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.9	106.3

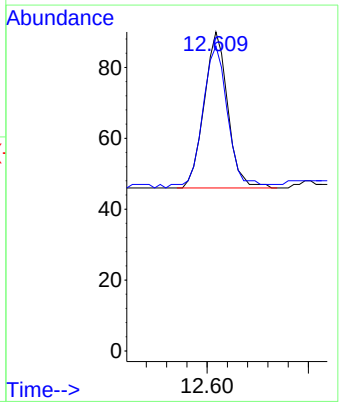


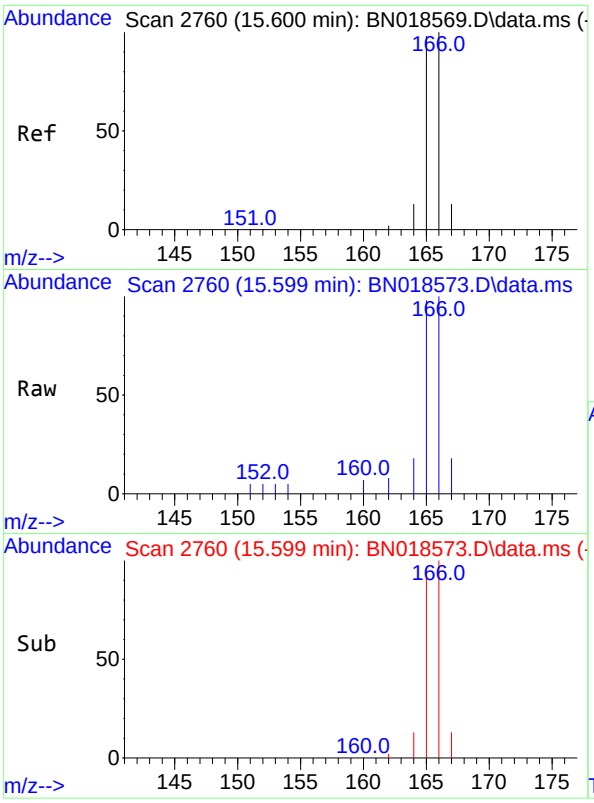


#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.609 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Tgt Ion:142 Resp: 71

Ion	Ratio	Lower	Upper
142	100		
141	97.2	73.2	109.8



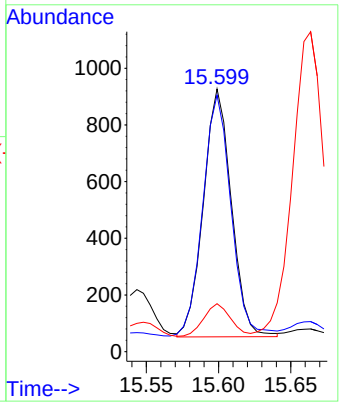


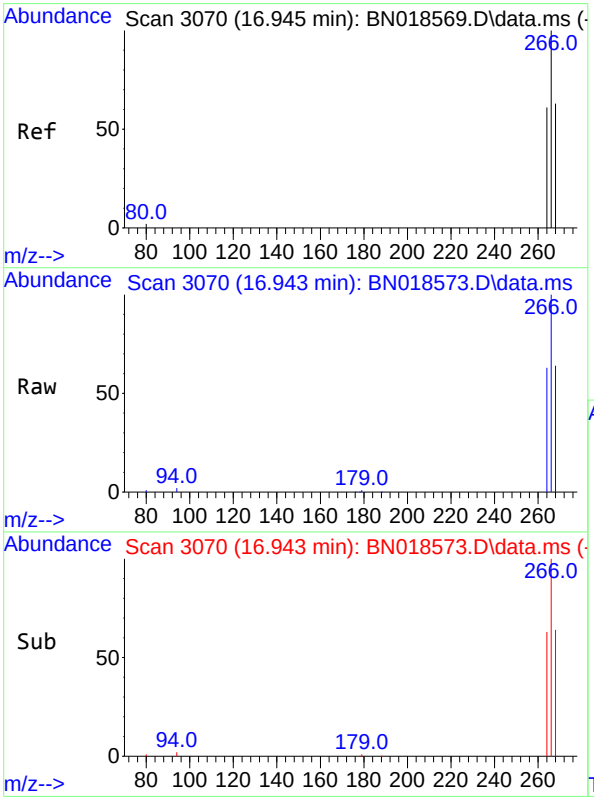
#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.599 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Instrument :
BNA_N
ClientSampleId :
C0Q49

Tgt Ion:166 Resp: 1179

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	18.2	11.6	17.4#

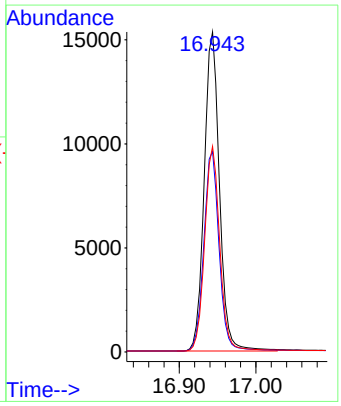


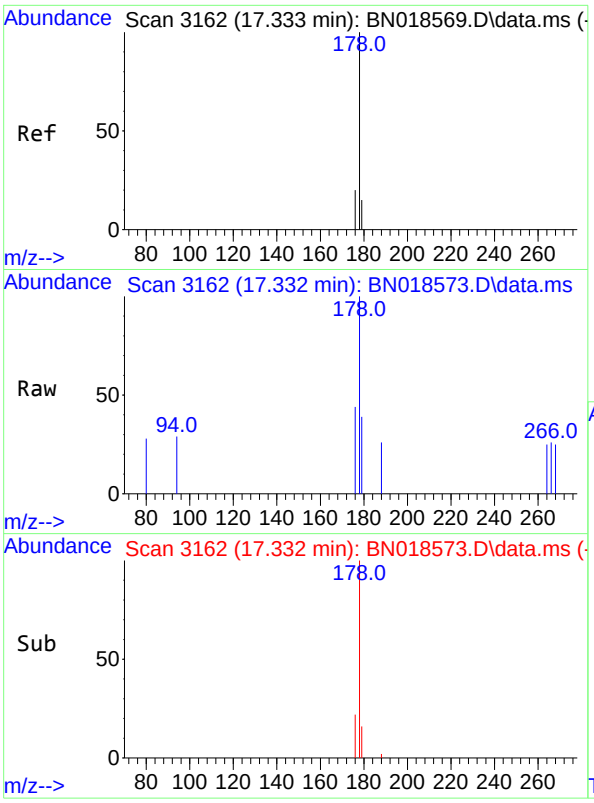


#14
Pentachlorophenol
Concen: 70.858 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Tgt Ion:266 Resp: 21175

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.9	74.9
268	63.8	51.7	77.5





#15
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.332 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN018573.D
Acq: 03 Feb 2022 16:10

Instrument :
BNA_N
ClientSampleId :
C0Q49

Tgt Ion:178 Resp: 214

Ion	Ratio	Lower	Upper
178	100		
179	38.9	12.2	18.4#
176	43.7	15.4	23.2#