

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018111.D
 Acq On : 17 Dec 2021 21:57
 Operator : CG/JU
 Sample : M5037-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C00Y0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 18 02:21:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	28	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.443	136	157	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.305	164	734	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.050	188	804	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.267	240	741	0.400	ng/ul	# 0.00
23) Perylene-d12	23.500	264	13342m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	22247	765.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.055	152	5811	31.760	ng/ul	-0.01
18) Fluoranthene-d10	19.088	212	21256	10.063	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.493	128	247	0.574	ng/ul#	28
7) 2-Methylnaphthalene	12.126	142	98	0.405	ng/ul	90
8) 1-Methylnaphthalene	12.341	142	72	0.256	ng/ul	97
11) Acenaphthene	14.365	153	63	0.024	ng/ul#	78
12) Fluorene	15.355	166	180	0.062	ng/ul#	81
14) Pentachlorophenol	16.717	266	111	0.789	ng/ul	95
15) Phenanthrene	17.092	178	1028	0.369	ng/ul#	76
16) Anthracene	17.181	178	304	0.139	ng/ul#	24
19) Fluoranthene	19.120	202	632	0.212	ng/ul#	66
21) Benzo(a)anthracene	21.250	228	126	0.057	ng/ul#	7
22) Chrysene	21.300	228	160	0.051	ng/ul#	25
26) Benzo(a)pyrene	23.378	252	6319	0.123	ng/ul	91

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

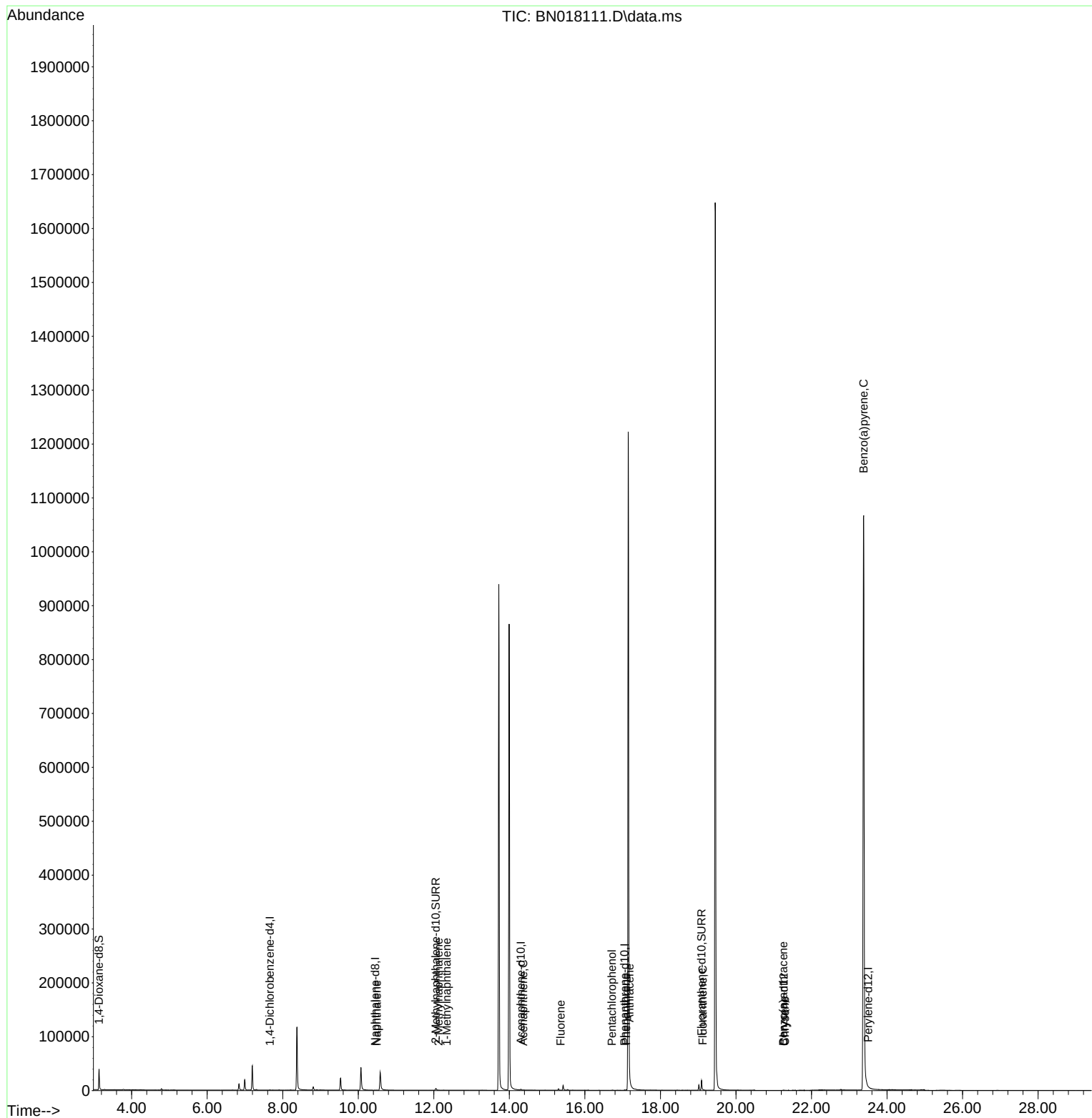
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
Data File : BN018111.D
Acq On : 17 Dec 2021 21:57
Operator : CG/JU
Sample : M5037-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

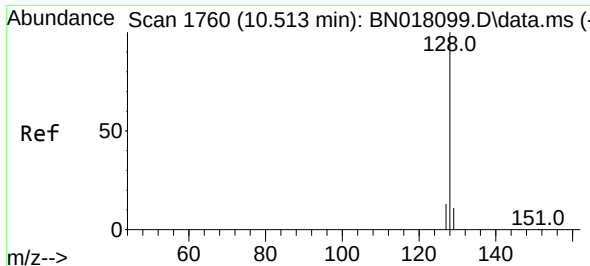
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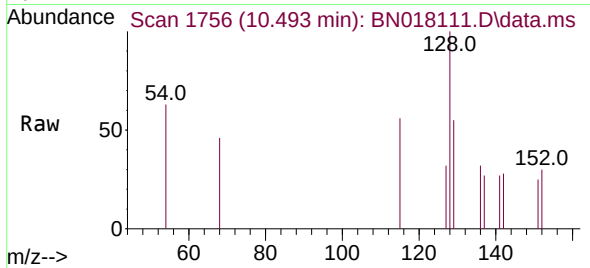
Quant Time: Dec 18 02:21:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 17:47:27 2021
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#5
Naphthalene
Concen: 0.574 ng/ul
RT: 10.493 min Scan# 1756
Delta R.T. -0.017 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

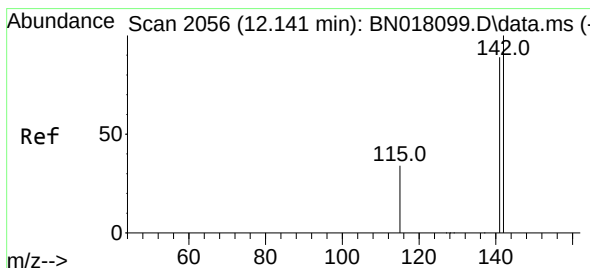
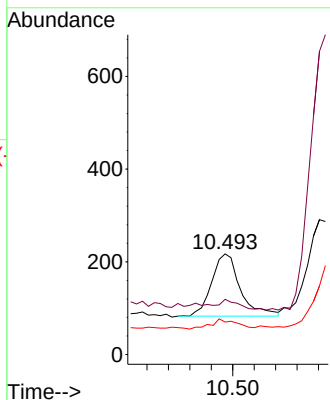
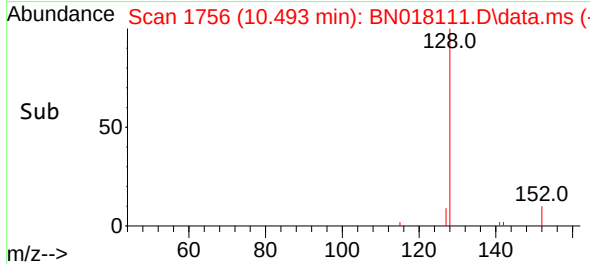
Instrument :
BNA_N
ClientSampleId :
C00Y0



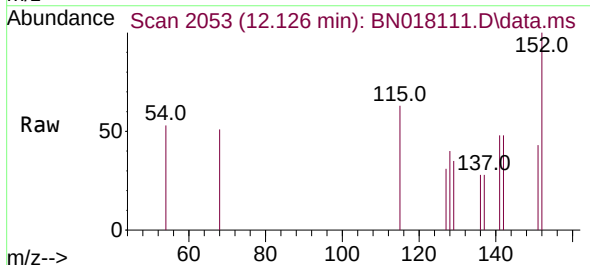
Tgt Ion:128 Resp: 247
Ion Ratio Lower Upper
128 100
129 54.8 10.4 15.6
127 32.3 11.8 17.6

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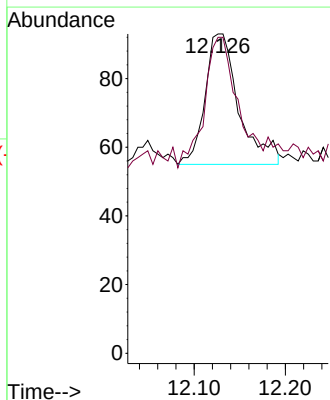
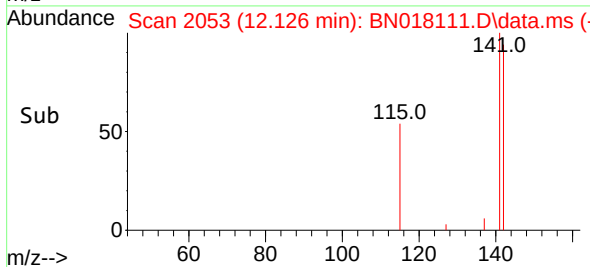
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

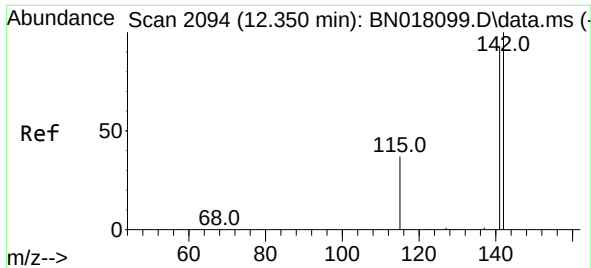


#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.126 min Scan# 2053
Delta R.T. -0.011 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57



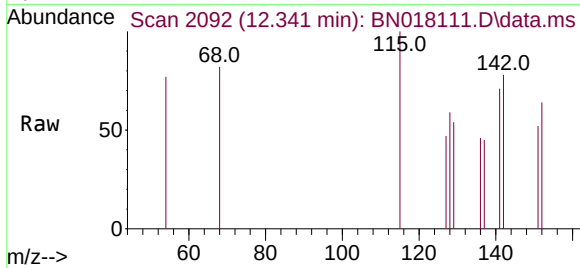
Tgt Ion:142 Resp: 98
Ion Ratio Lower Upper
142 100
141 99.0 71.5 107.3





#8
1-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 12.341 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

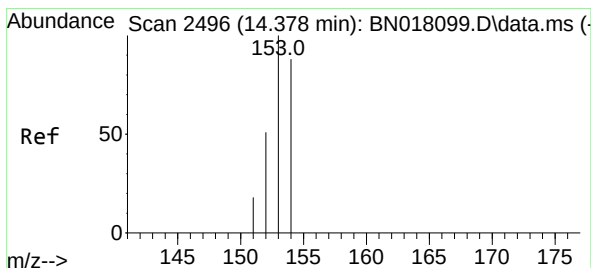
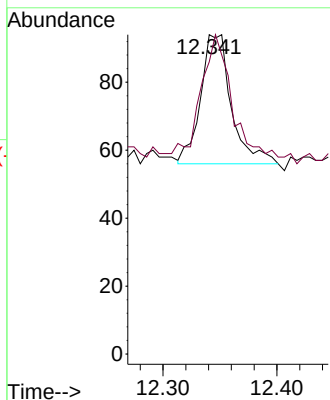
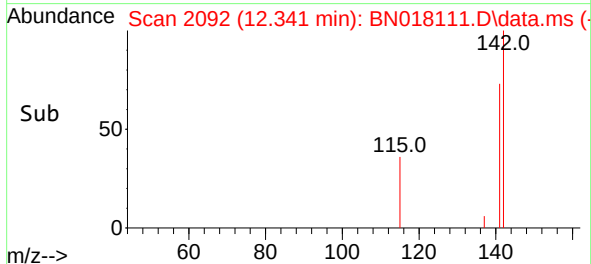
Instrument :
BNA_N
ClientSampleId :
C00Y0



Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
141 94.4 73.3 109.9

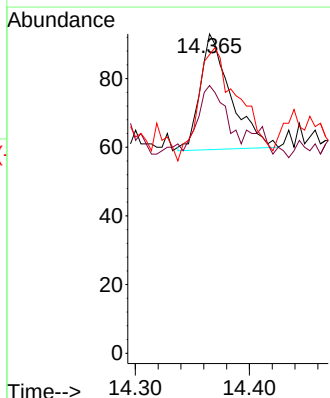
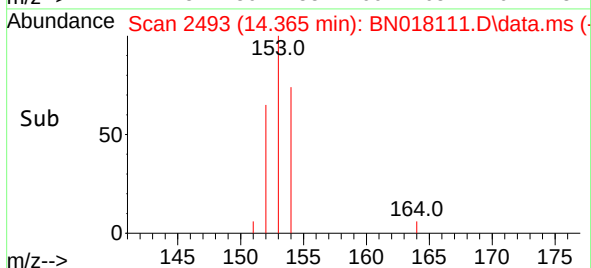
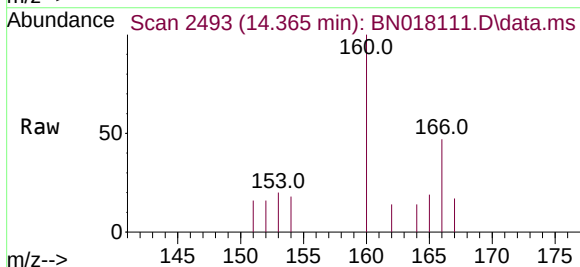
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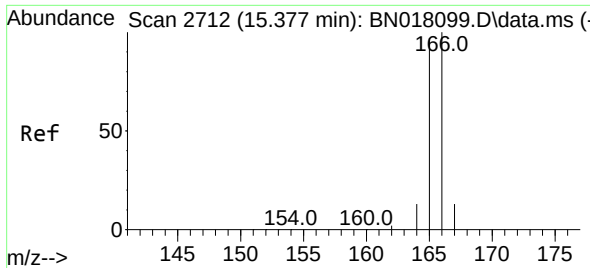
Reviewed By :Jagrut Upadhyay 12/20/2021
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#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.365 min Scan# 2493
Delta R.T. -0.009 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

Tgt Ion:153 Resp: 63
Ion Ratio Lower Upper
153 100
152 83.9 38.3 57.5#
154 93.5 71.1 106.7





#12

Fluorene

Concen: 0.062 ng/ul

RT: 15.355 min Scan# 2712

Delta R.T. -0.019 min

Lab File: BN018111.D

Acq: 17 Dec 2021 21:57

Instrument :

BNA_N

ClientSampleId :

C00Y0

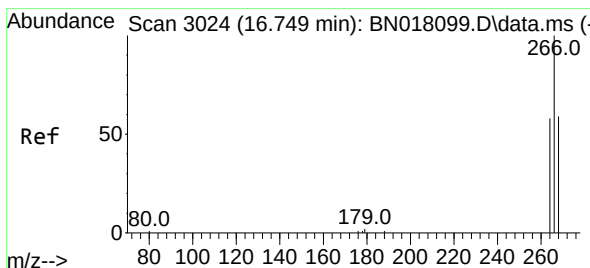
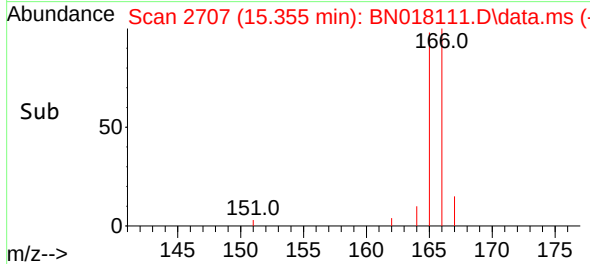
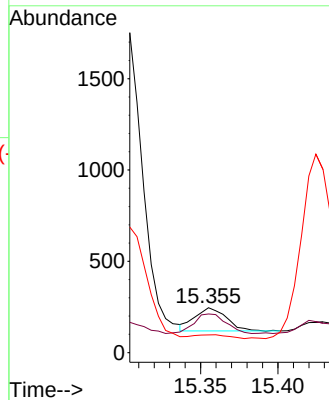
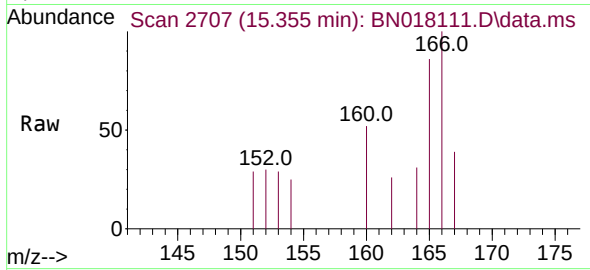
Tgt Ion:166 Resp: 180

Ion	Ratio	Lower	Upper
166	100		
165	86.2	79.2	118.8
167	39.4	11.2	16.8

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#14

Pentachlorophenol

Concen: 0.789 ng/ul

RT: 16.717 min Scan# 3016

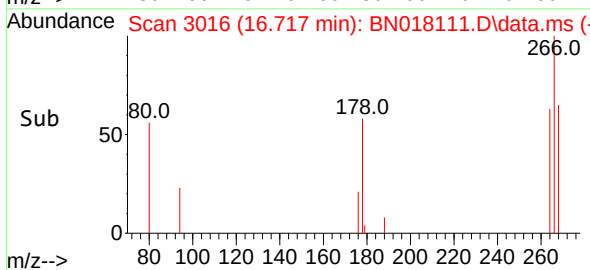
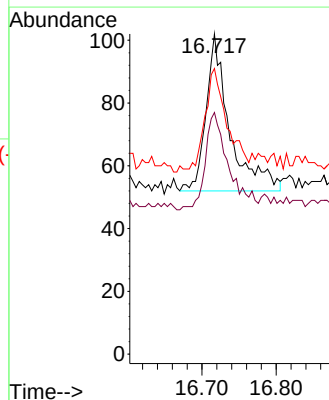
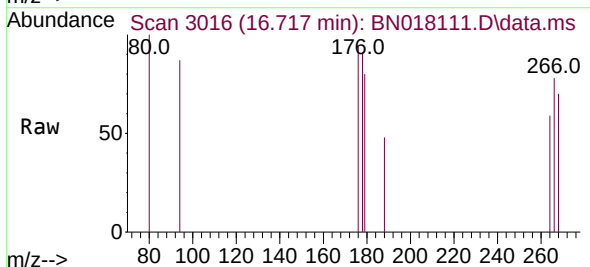
Delta R.T. -0.038 min

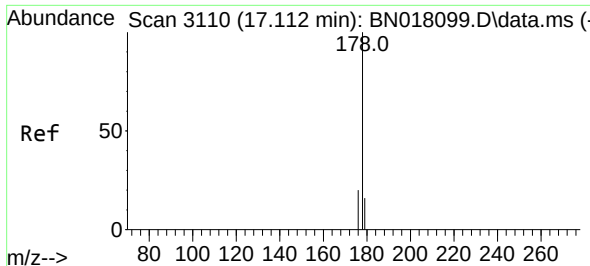
Lab File: BN018111.D

Acq: 17 Dec 2021 21:57

Tgt Ion:266 Resp: 111

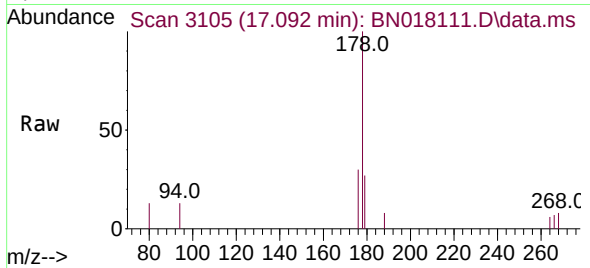
Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.3	75.5
268	59.5	52.2	78.4





#15
Phenanthrene
Concen: 0.369 ng/u1
RT: 17.092 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

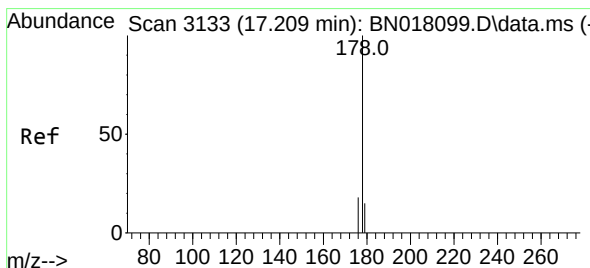
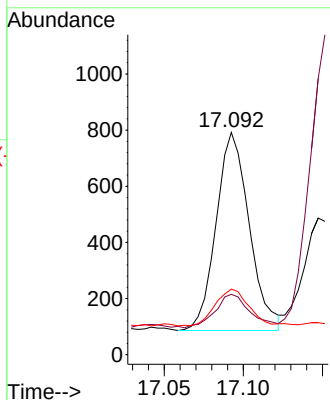
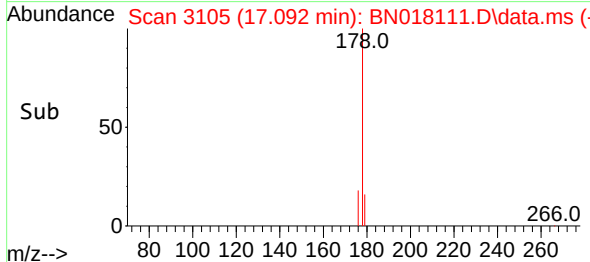
Instrument :
BNA_N
ClientSampleId :
C00Y0



Tgt Ion:178 Resp: 1028
Ion Ratio Lower Upper
178 100
179 27.1 13.0 19.4#
176 29.5 15.6 23.4#

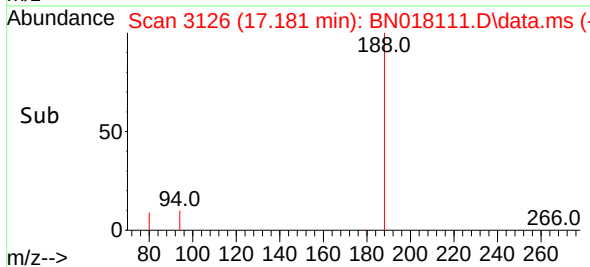
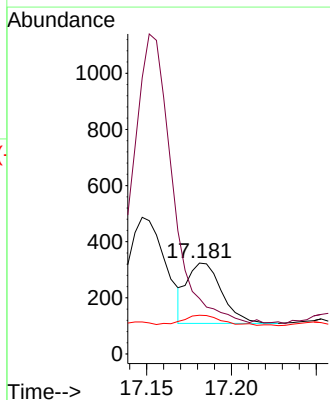
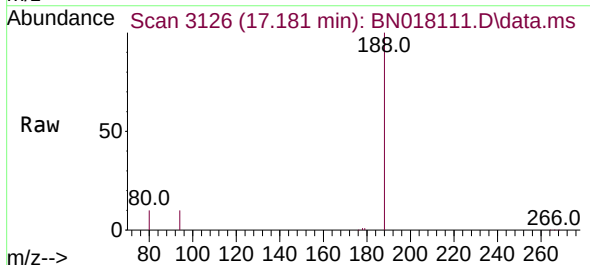
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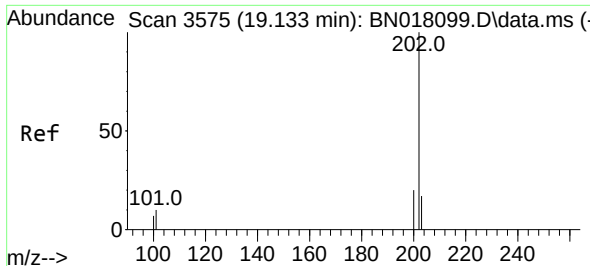
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#16
Anthracene
Concen: 0.139 ng/u1
RT: 17.181 min Scan# 3126
Delta R.T. -0.025 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

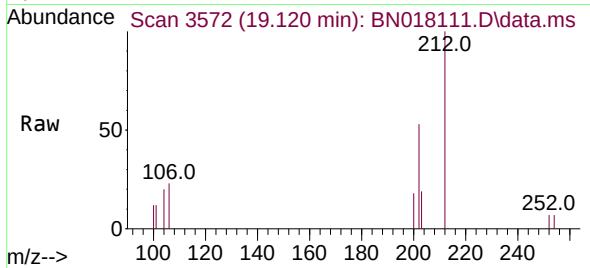
Tgt Ion:178 Resp: 304
Ion Ratio Lower Upper
178 100
179 61.1 13.3 19.9#
176 42.6 15.1 22.7#





#19
Fluoranthene
Concen: 0.212 ng/u1
RT: 19.120 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

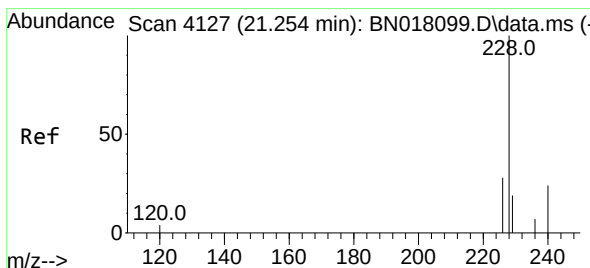
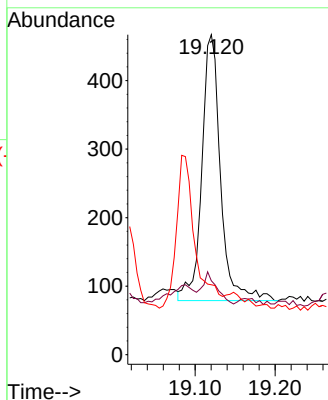
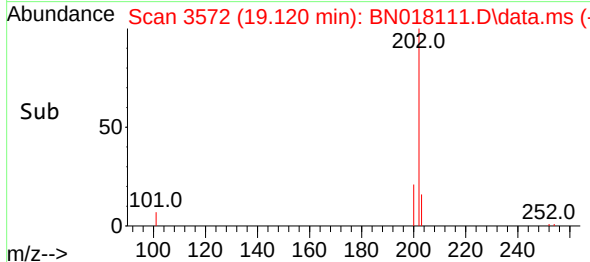
Instrument :
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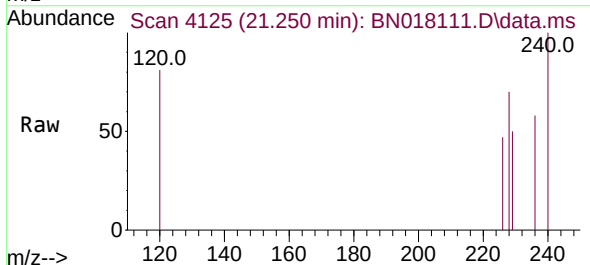
Tgt Ion:202 Resp: 632
Ion Ratio Lower Upper
202 100
101 23.1 9.0 13.4#
100 21.8 6.8 10.2#

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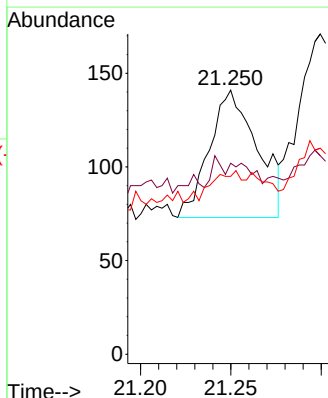
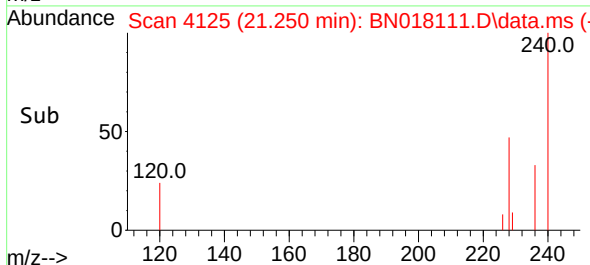
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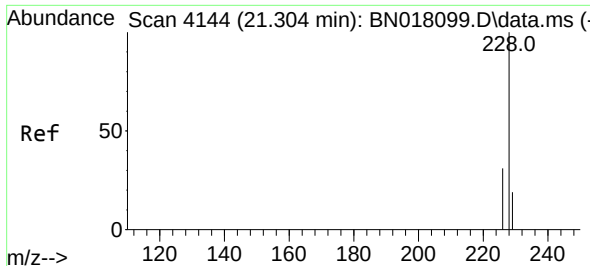


#21
Benzo(a)anthracene
Concen: 0.057 ng/u1
RT: 21.250 min Scan# 4125
Delta R.T. -0.000 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57



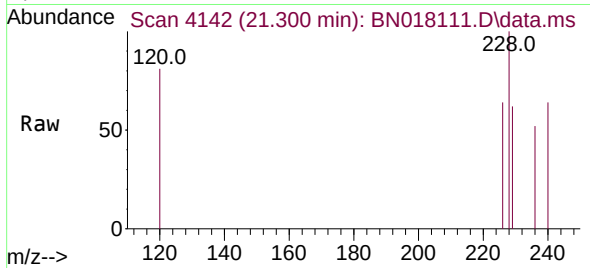
Tgt Ion:228 Resp: 126
Ion Ratio Lower Upper
228 100
229 72.3 15.8 23.6#
226 67.4 21.8 32.8#





#22
Chrysene
Concen: 0.051 ng/u1
RT: 21.300 min Scan# 4144
Delta R.T. -0.000 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57

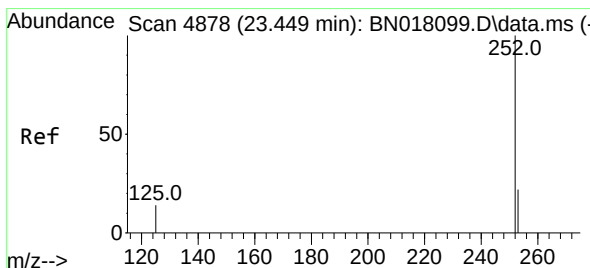
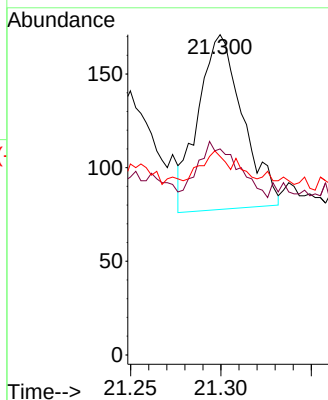
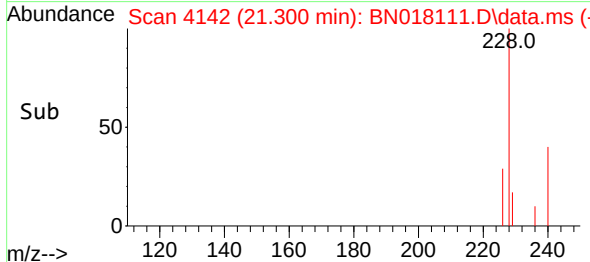
Instrument :
BNA_N
ClientSampleId :
C00Y0



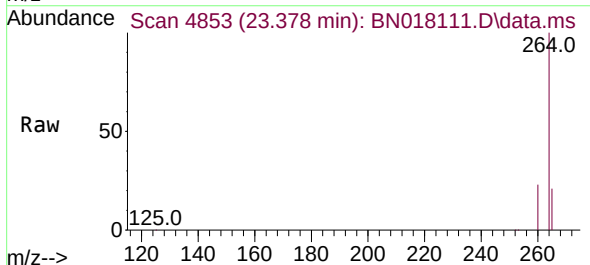
Tgt Ion:228 Resp: 160
Ion Ratio Lower Upper
228 100
226 64.3 23.9 35.9
229 62.0 15.7 23.5

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#26
Benzo(a)pyrene
Concen: 0.123 ng/u1
RT: 23.378 min Scan# 4853
Delta R.T. -0.061 min
Lab File: BN018111.D
Acq: 17 Dec 2021 21:57



Tgt Ion:252 Resp: 6319
Ion Ratio Lower Upper
252 100
253 36.2 25.0 37.4
125 19.7 19.3 28.9

