

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019899.D
 Acq On : 21 May 2022 09:47
 Operator : CG/JU
 Sample : N2918-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTH3

Quant Time: May 23 01:48:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

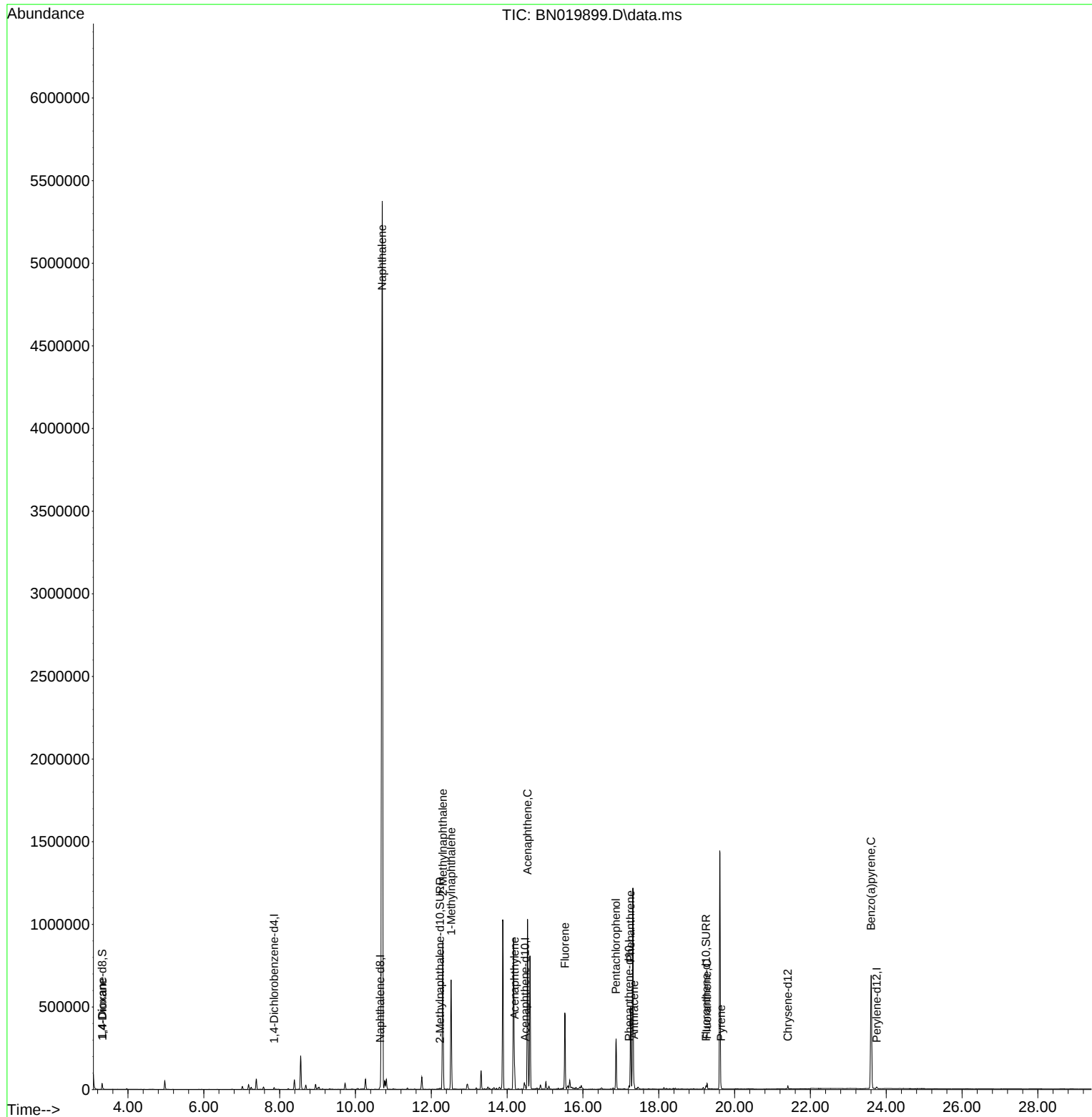
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	5579	0.400	ng/ul	0.00
4) Naphthalene-d8	10.649	136	18378	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.477	164	12672	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.216	188	22717	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	17338	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	12940	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	23608	3.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	8987	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	21885	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	181	0.026	ng/ul#	26
5) Naphthalene	10.704	128	9228326	155.095	ng/ul	100
7) 2-Methylnaphthalene	12.304	142	641333	17.694	ng/ul#	100
8) 1-Methylnaphthalene	12.524	142	465899	13.878	ng/ul#	100
10) Acenaphthylene	14.195	152	132656	2.116	ng/ul	100
11) Acenaphthene	14.538	153	618721	12.284	ng/ul	99
12) Fluorene	15.523	166	303836	5.498	ng/ul	99
14) Pentachlorophenol	16.874	266	194873	39.867	ng/ul	89
15) Phenanthrene	17.258	178	535755	6.411	ng/ul	99
16) Anthracene	17.351	178	27637	0.405	ng/ul	96
19) Fluoranthene	19.275	202	29275	0.369	ng/ul	98
20) Pyrene	19.642	202	12812	0.162	ng/ul	96
26) Benzo(a)pyrene	23.601	252	3493	0.062	ng/ul#	1

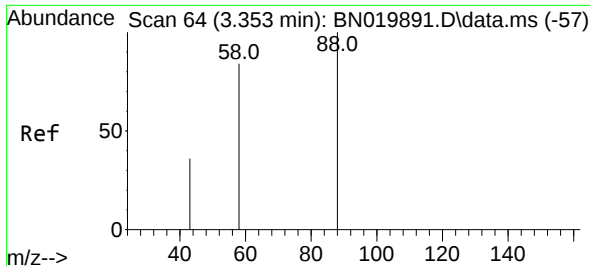
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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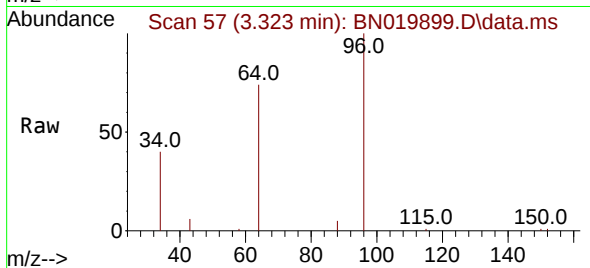
Quant Time: May 23 01:48:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
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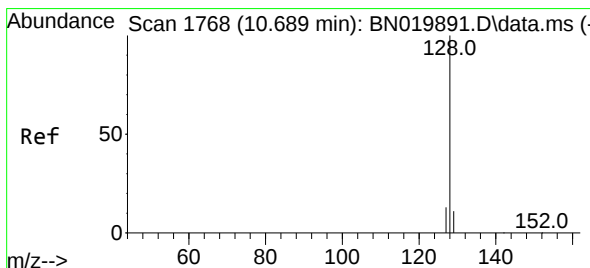
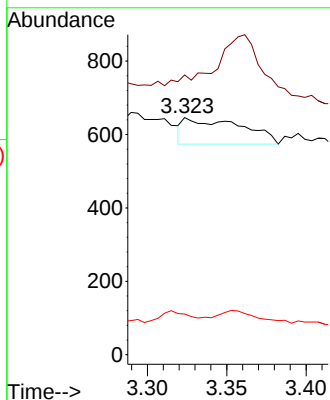
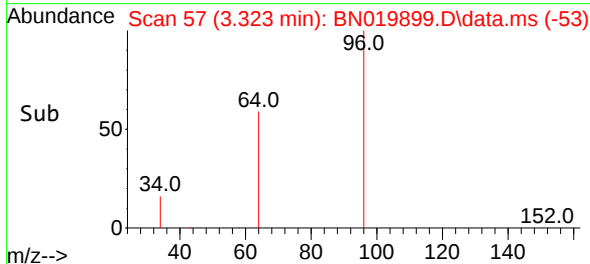


#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.323 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Instrument :
BNA_N
ClientSampleId :
DBTH3

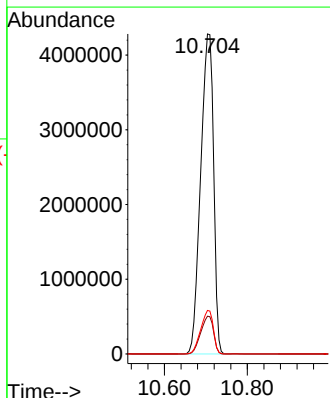
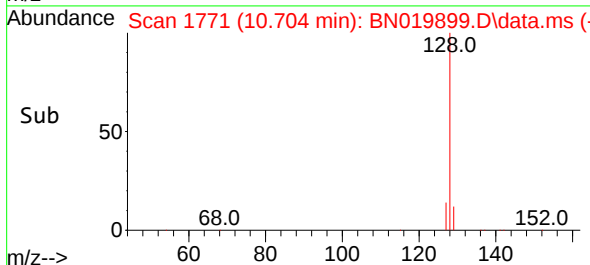
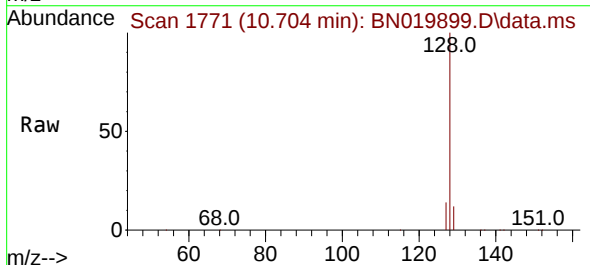


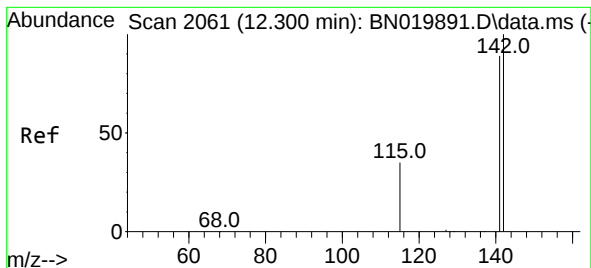
Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 118.0 39.0 58.4#
58 17.2 39.8 59.8#



#5
Naphthalene
Concen: 155.095 ng/ul
RT: 10.704 min Scan# 1771
Delta R.T. 0.010 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Tgt Ion:128 Resp: 9228326
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.6 11.0 16.4

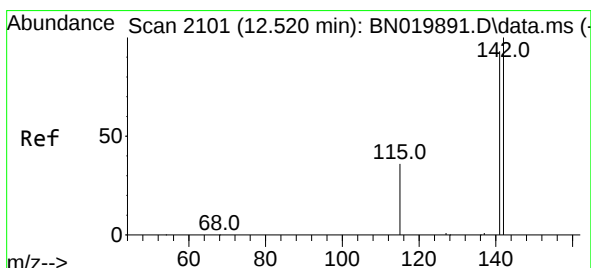
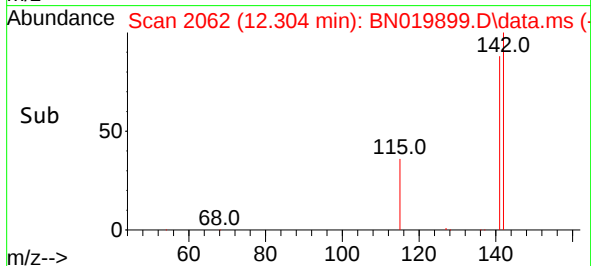
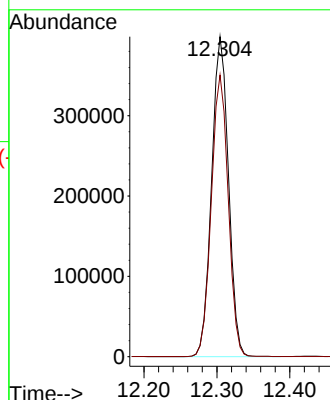
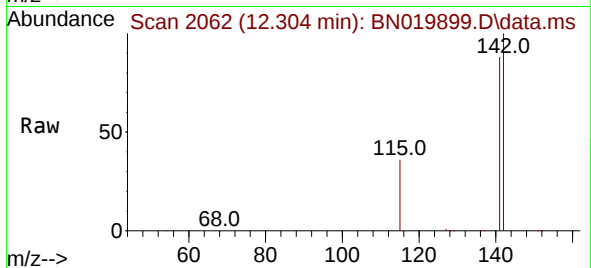




#7
2-Methylnaphthalene
Concen: 17.694 ng/ul
RT: 12.304 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

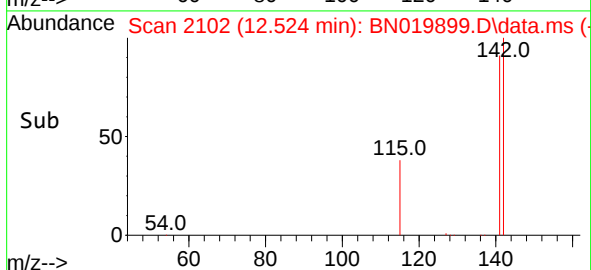
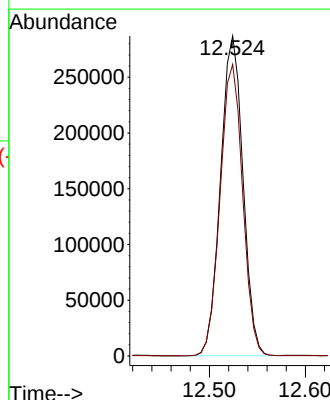
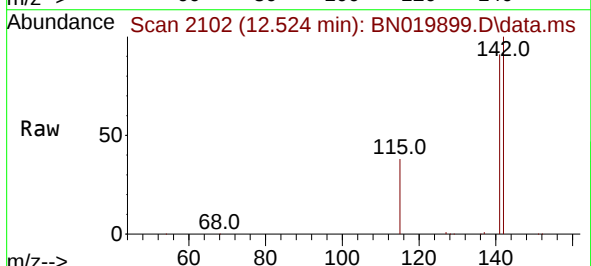
Instrument :
BNA_N
ClientSampleId :
DBTH3

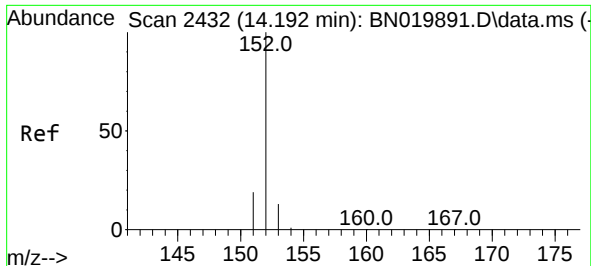
Tgt Ion:142 Resp: 641333
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 13.878 ng/ul
RT: 12.524 min Scan# 2102
Delta R.T. -0.001 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Tgt Ion:142 Resp: 465899
Ion Ratio Lower Upper
142 100
141 91.4 0.0 0.0#

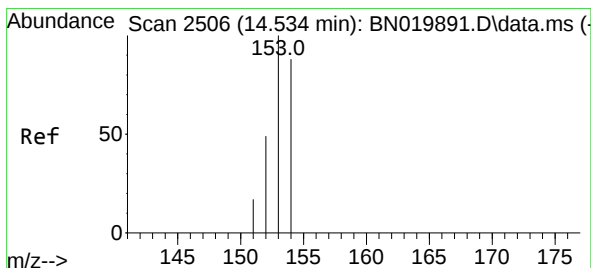
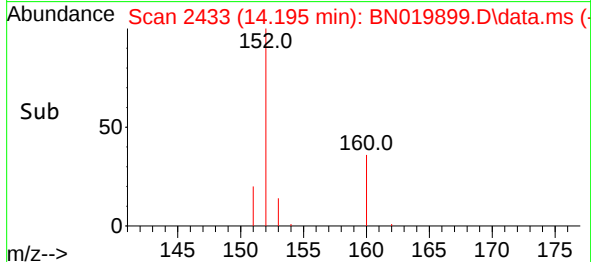
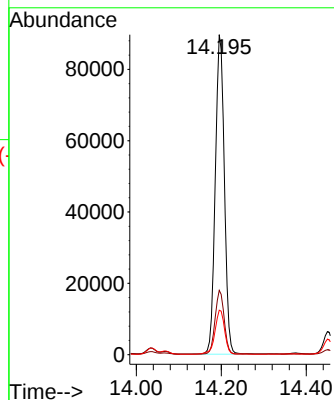
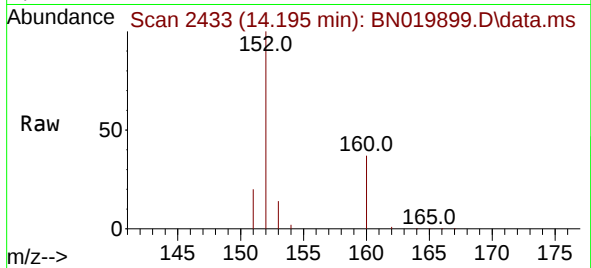




#10
Acenaphthylene
Concen: 2.116 ng/ul
RT: 14.195 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

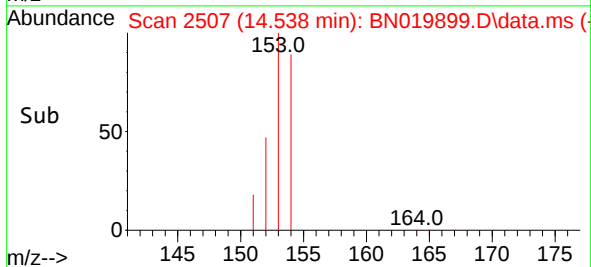
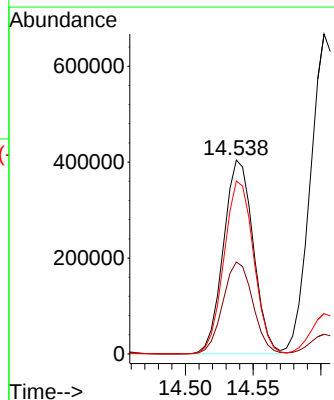
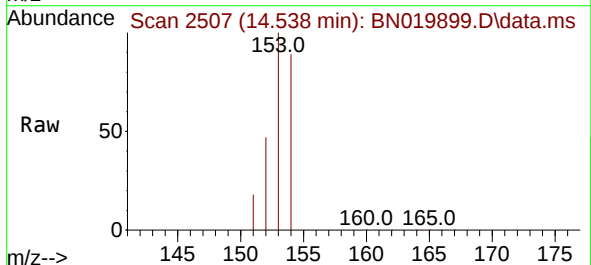
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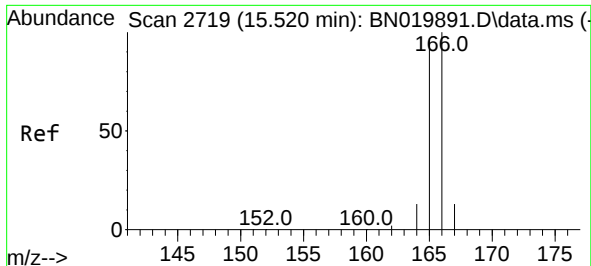
Tgt Ion:152 Resp: 132656
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 12.284 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Tgt Ion:153 Resp: 618721
Ion Ratio Lower Upper
153 100
152 47.5 38.6 57.8
154 89.2 71.2 106.8

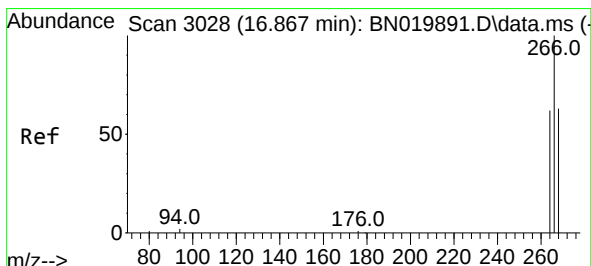
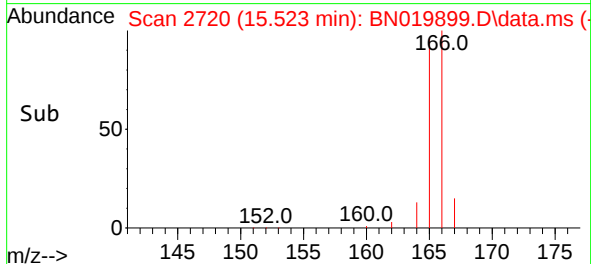
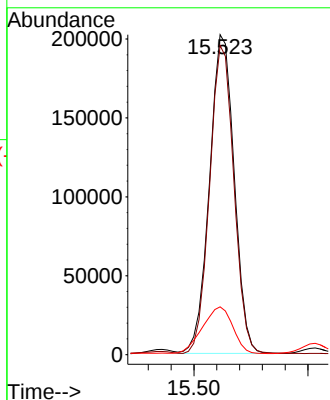
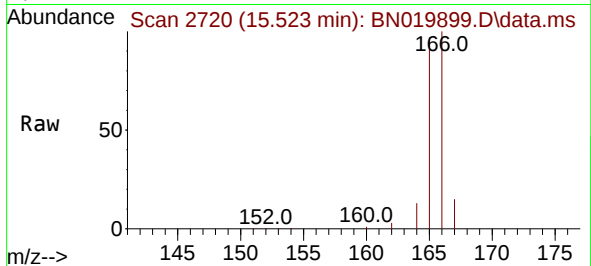




#12
Fluorene
Concen: 5.498 ng/ul
RT: 15.523 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

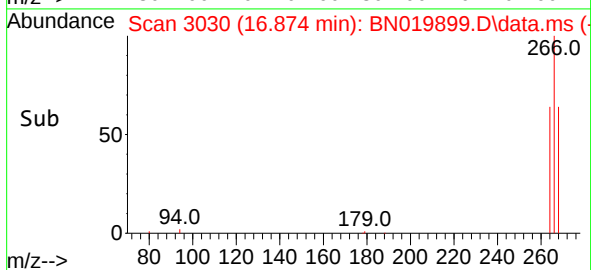
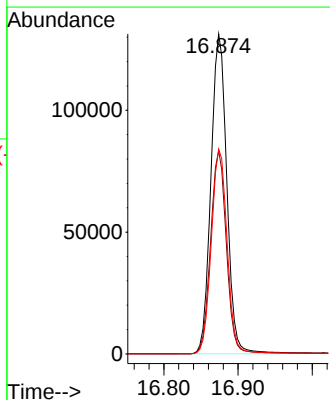
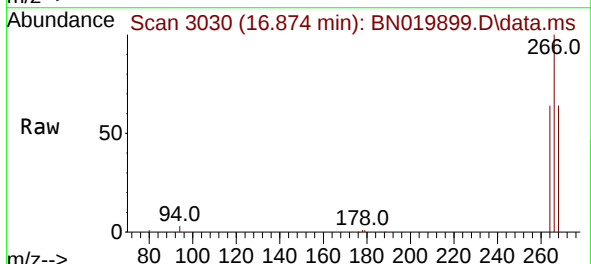
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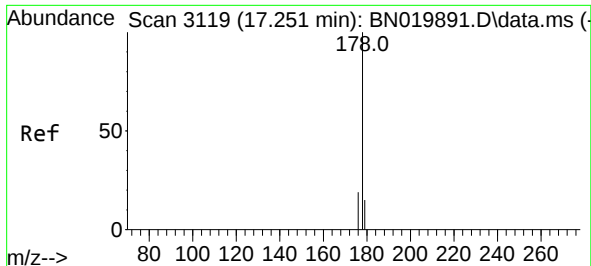
Tgt Ion:166 Resp: 303836
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.2
167 15.0 11.3 16.9



#14
Pentachlorophenol
Concen: 39.867 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. 0.007 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Tgt Ion:266 Resp: 194873
Ion Ratio Lower Upper
266 100
264 63.3 44.9 67.3
268 64.0 44.6 67.0

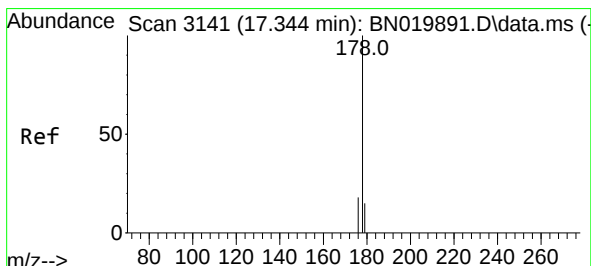
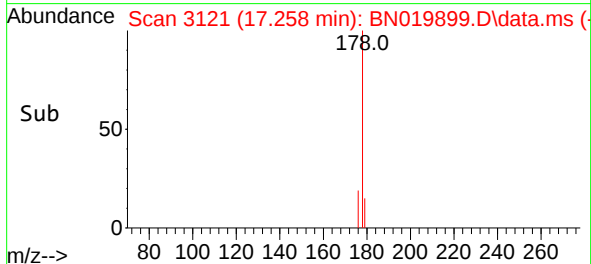
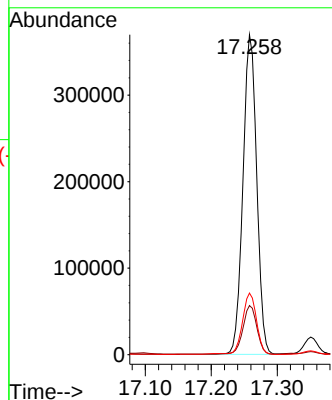
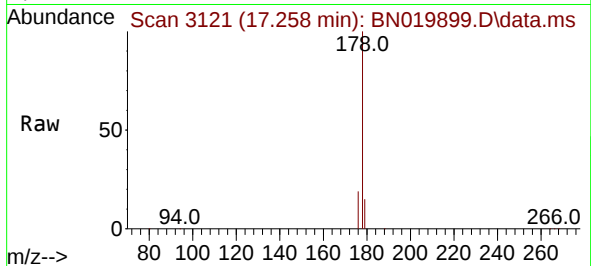




#15
Phenanthrene
Concen: 6.411 ng/ul
RT: 17.258 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

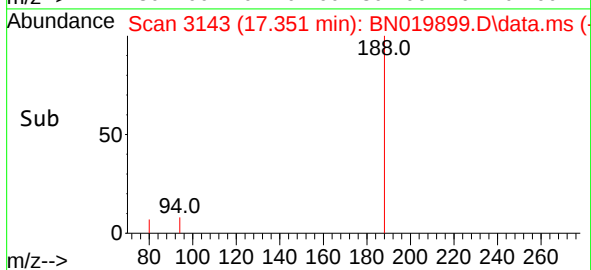
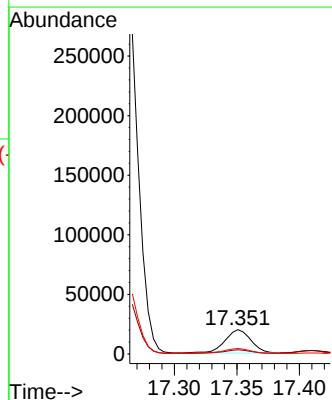
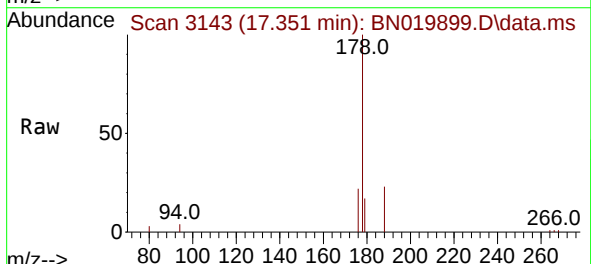
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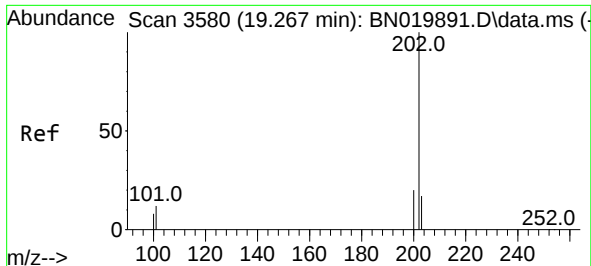
Tgt Ion:178 Resp: 535755
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Tgt Ion:178 Resp: 27637
Ion Ratio Lower Upper
178 100
179 17.1 13.1 19.7
176 22.1 15.3 22.9

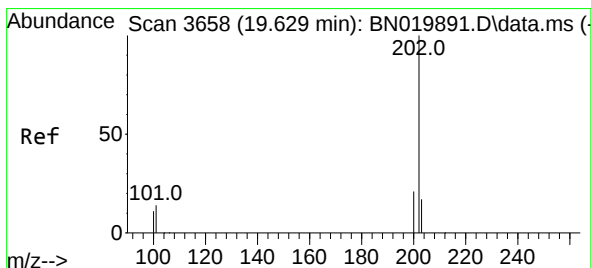
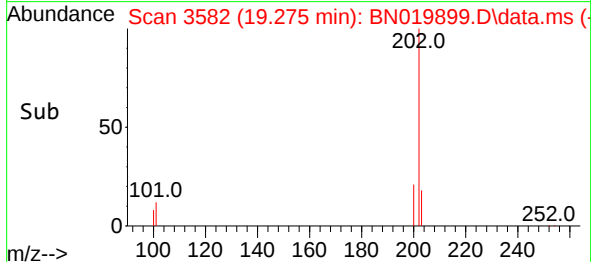
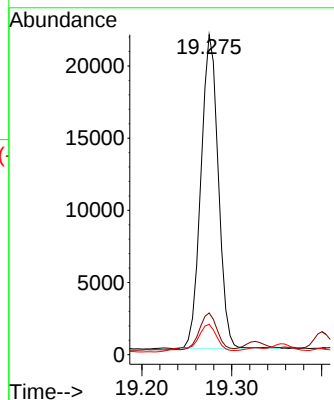
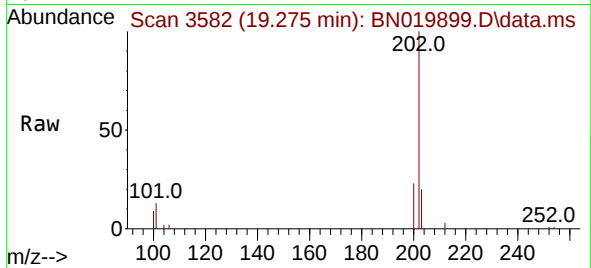




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.275 min Scan# 3582
Delta R.T. 0.003 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

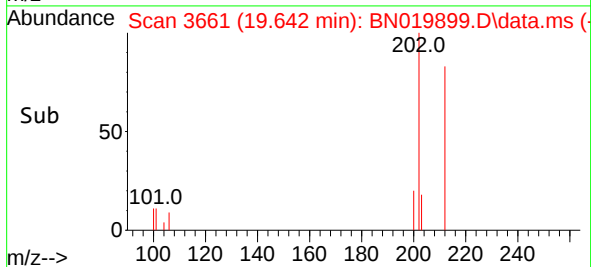
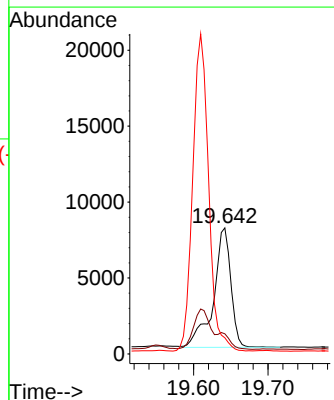
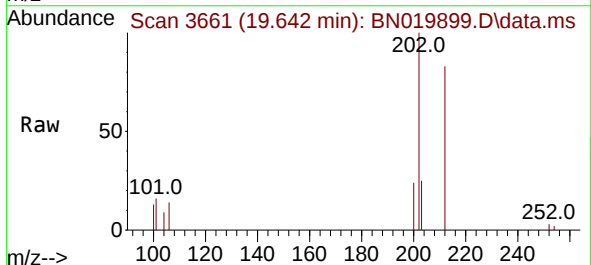
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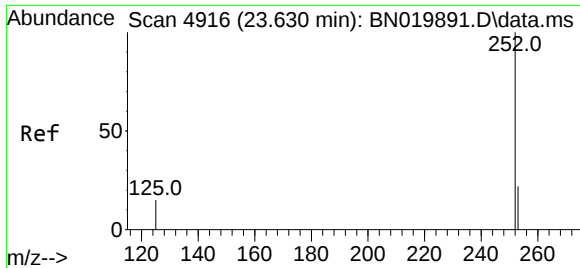
Tgt Ion:202 Resp: 29275
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
100 9.5 7.4 11.2



#20
Pyrene
Concen: 0.162 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. 0.008 min
Lab File: BN019899.D
Acq: 21 May 2022 09:47

Tgt Ion:202 Resp: 12812
Ion Ratio Lower Upper
202 100
101 16.0 11.4 17.0
100 12.8 9.0 13.4





#26

Benzo(a)pyrene

Concen: 0.062 ng/ul

RT: 23.601 min Scan# 4916

Delta R.T. -0.038 min

Lab File: BN019899.D

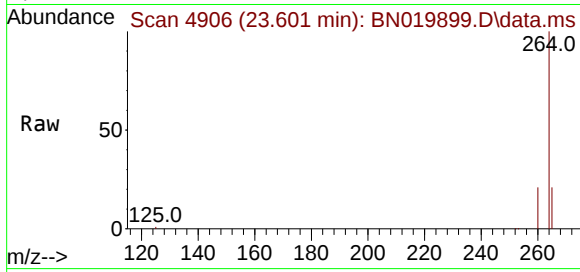
Acq: 21 May 2022 09:47

Instrument :

BNA_N

ClientSampleId :

DBTH3



Tgt Ion:252 Resp: 3493

Ion Ratio Lower Upper

252 100

253 63.8 23.4 35.0#

125 118.4 28.3 42.5#

