

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019866.D
 Acq On : 20 May 2022 12:52
 Operator : CG/JU
 Sample : N2918-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTE3

Quant Time: May 21 01:53:17 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)

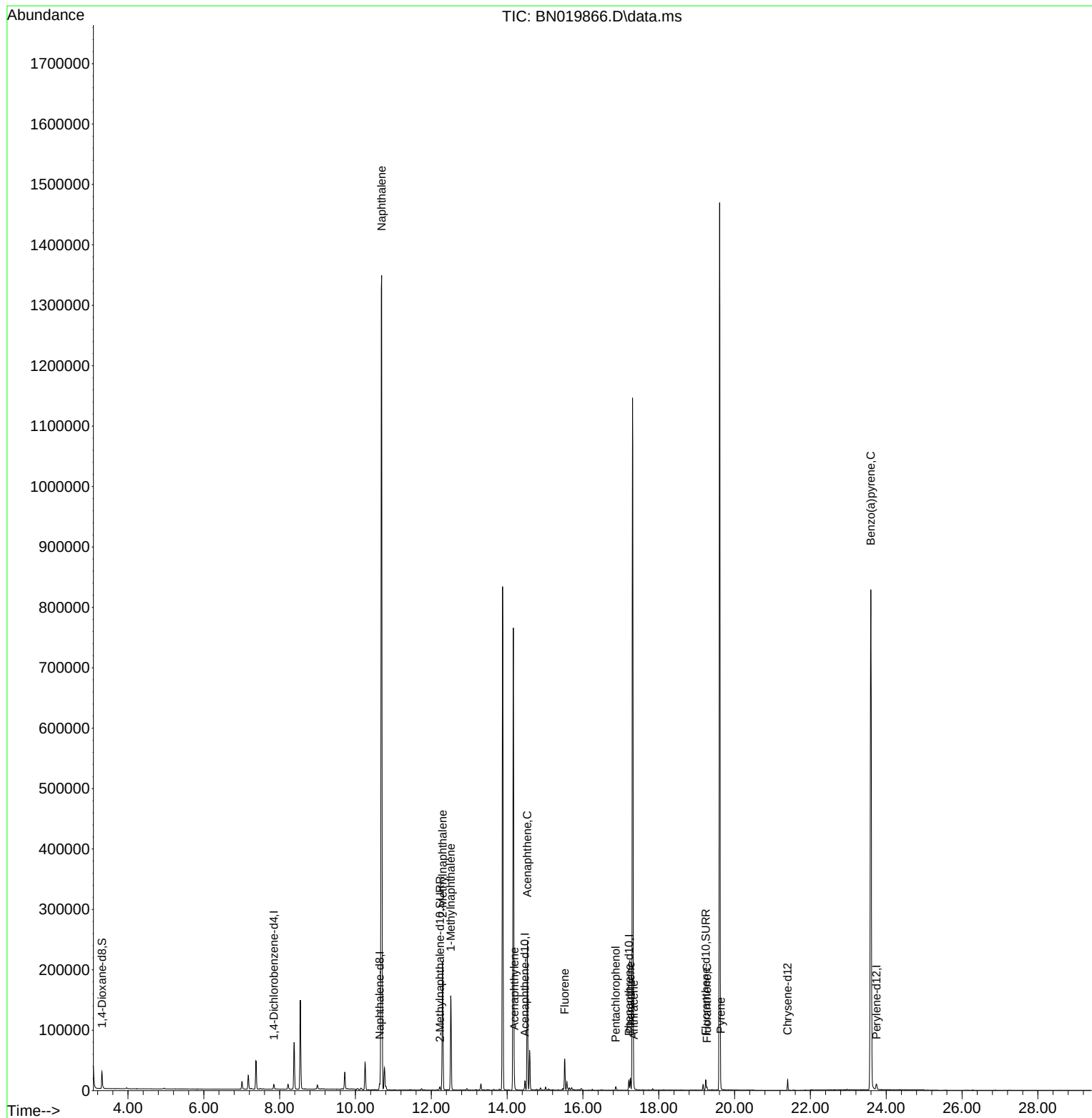
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	3964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13395	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	8658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18460	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16229	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	13674	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	18894	4.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	6888	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	19223	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	1936309	44.648	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	153985	5.829	ng/ul#	100
8) 1-Methylnaphthalene	12.515	142	108333	4.428	ng/ul#	100
10) Acenaphthylene	14.192	152	10971	0.256	ng/ul	98
11) Acenaphthene	14.534	153	140158	4.073	ng/ul	99
12) Fluorene	15.520	166	33259	0.881	ng/ul	99
14) Pentachlorophenol	16.867	266	4072	1.025	ng/ul	91
15) Phenanthrene	17.255	178	22752	0.335	ng/ul	100
16) Anthracene	17.344	178	3422	0.062	ng/ul	94
19) Fluoranthene	19.272	202	4041	0.054	ng/ul#	93
20) Pyrene	19.634	202	2072	0.028	ng/ul#	75
26) Benzo(a)pyrene	23.592	252	4513	0.076	ng/ul#	90

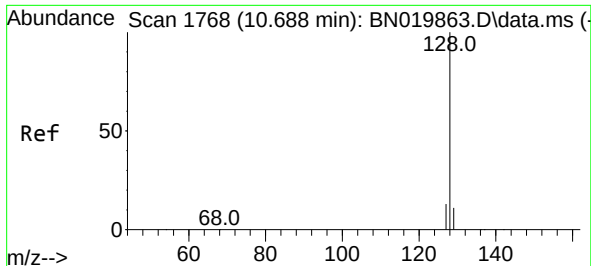
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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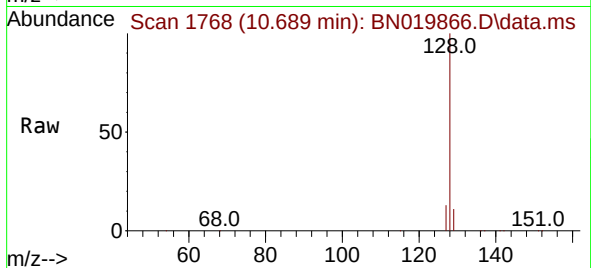
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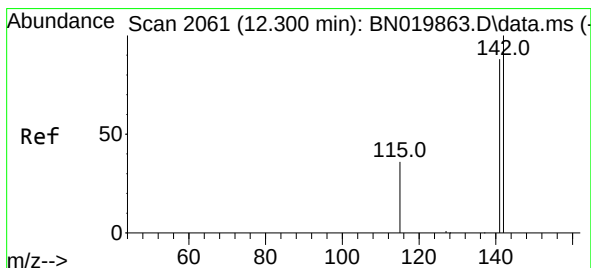
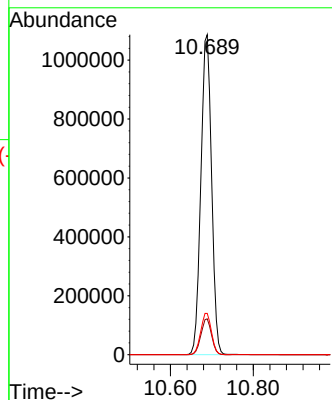
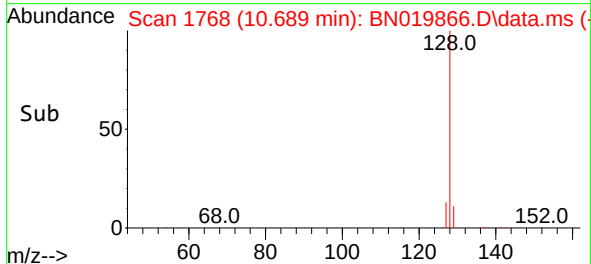


#5
Naphthalene
Concen: 44.648 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

Instrument :
BNA_N
ClientSampleId :
DBTE3

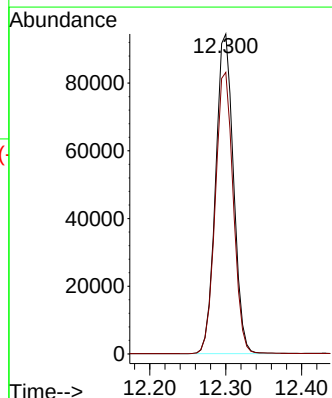
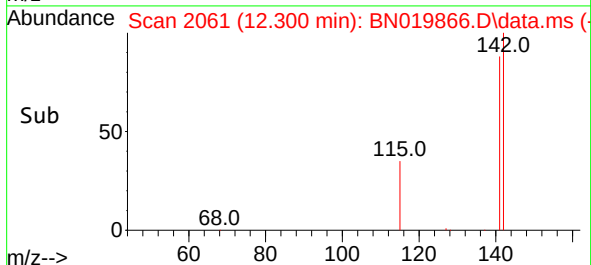
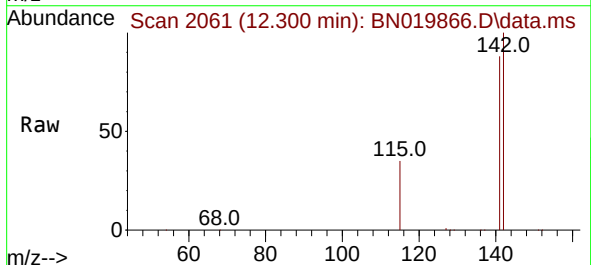


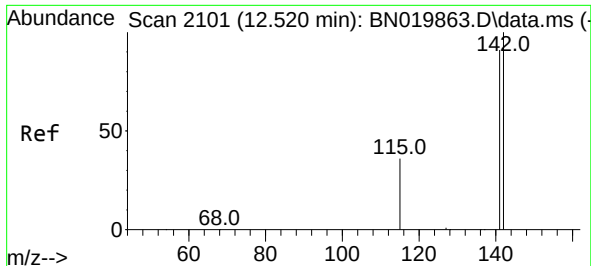
Tgt Ion:128 Resp: 1936309
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 12.9 11.0 16.4



#7
2-Methylnaphthalene
Concen: 5.829 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

Tgt Ion:142 Resp: 153985
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#

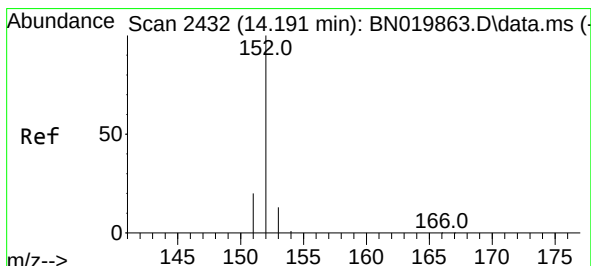
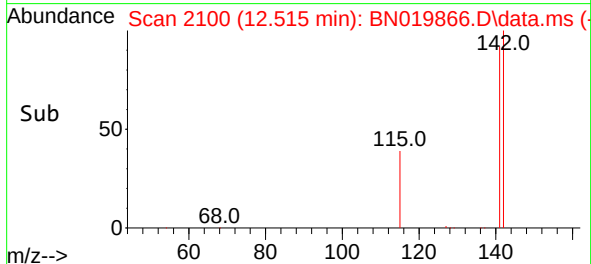
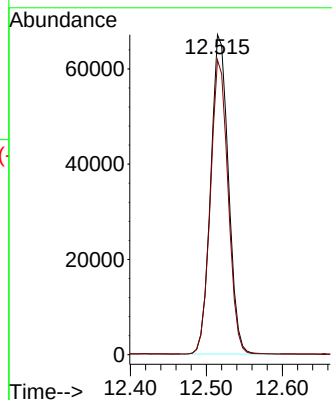
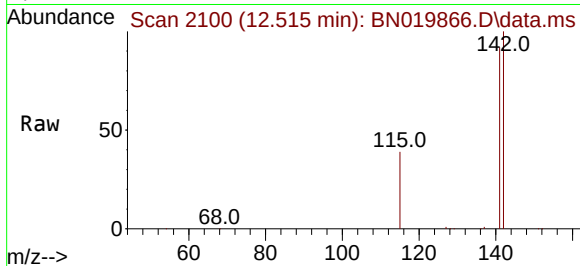




#8
1-Methylnaphthalene
Concen: 4.428 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

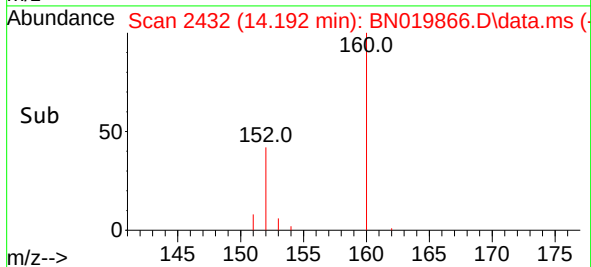
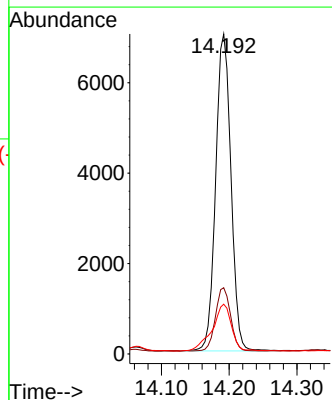
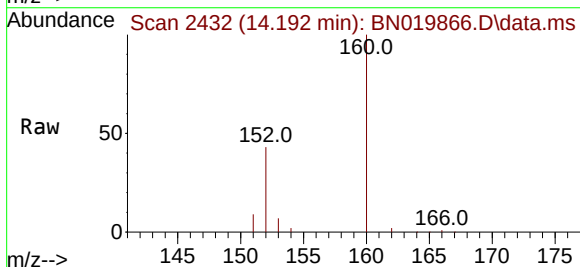
Instrument :
BNA_N
ClientSampleId :
DBTE3

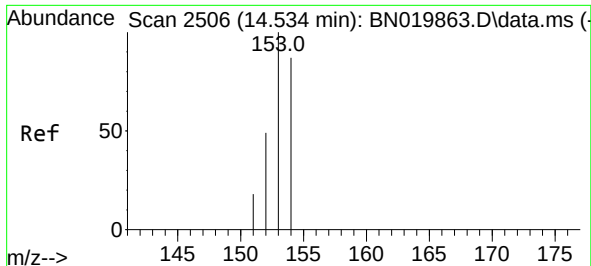
Tgt Ion:142 Resp: 108333
Ion Ratio Lower Upper
142 100
141 91.6 0.0 0.0#



#10
Acenaphthylene
Concen: 0.256 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

Tgt Ion:152 Resp: 10971
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 15.6 11.1 16.7

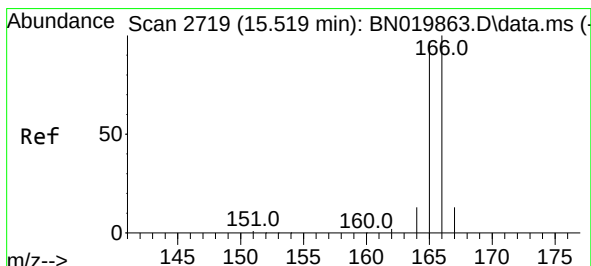
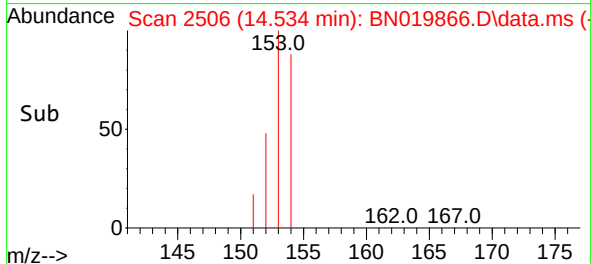
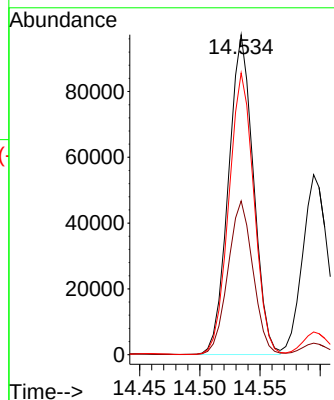
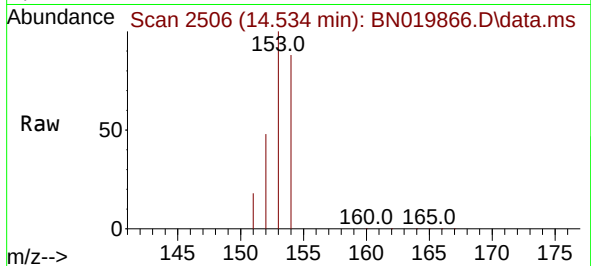




#11
Acenaphthene
Concen: 4.073 ng/ul
RT: 14.534 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

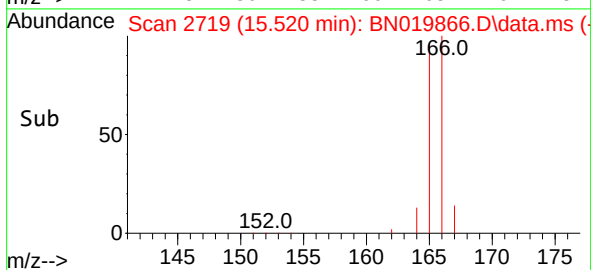
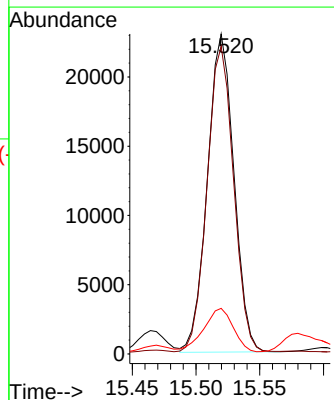
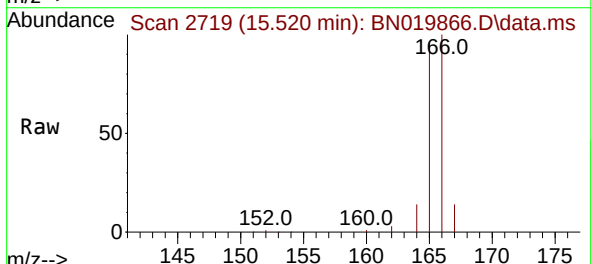
Instrument :
BNA_N
ClientSampleId :
DBTE3

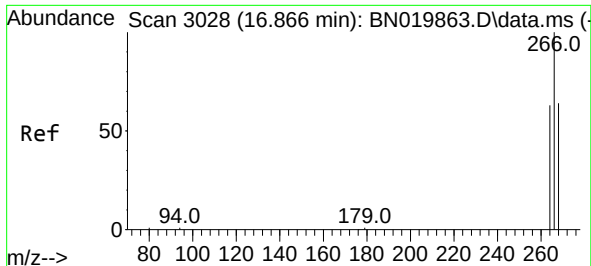
Tgt Ion:153 Resp: 140158
Ion Ratio Lower Upper
153 100
152 48.1 38.6 57.8
154 88.1 71.2 106.8



#12
Fluorene
Concen: 0.881 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

Tgt Ion:166 Resp: 33259
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.2
167 14.3 11.3 16.9

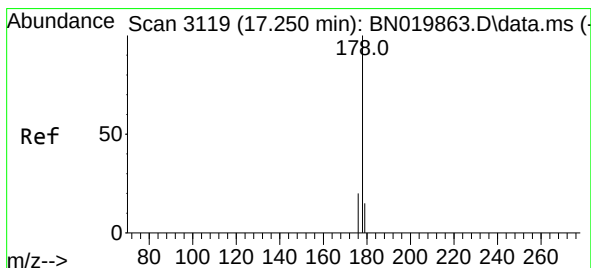
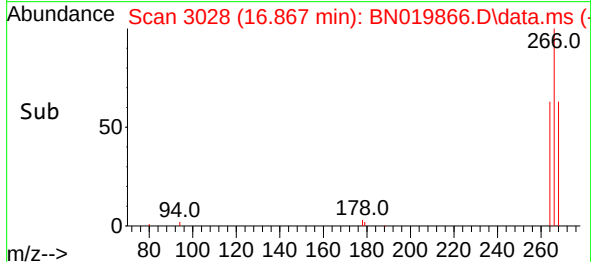
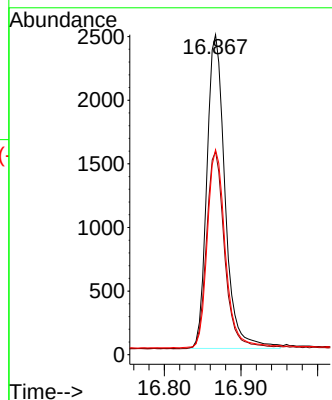
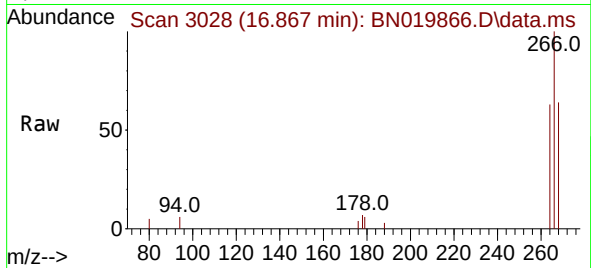




#14
 Pentachlorophenol
 Concen: 1.025 ng/ul
 RT: 16.867 min Scan# 3028
 Delta R.T. 0.000 min
 Lab File: BN019866.D
 Acq: 20 May 2022 12:52

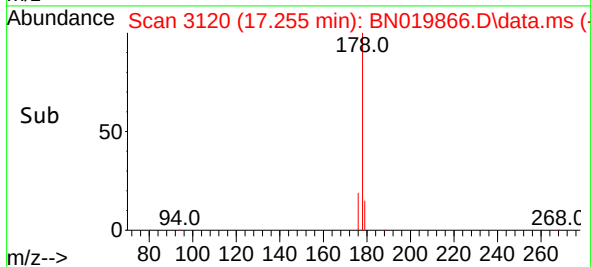
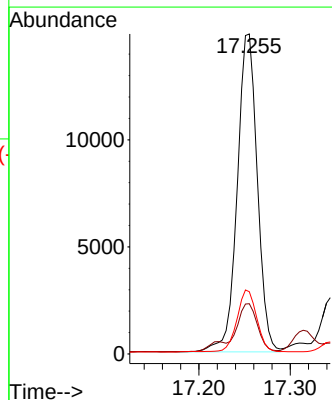
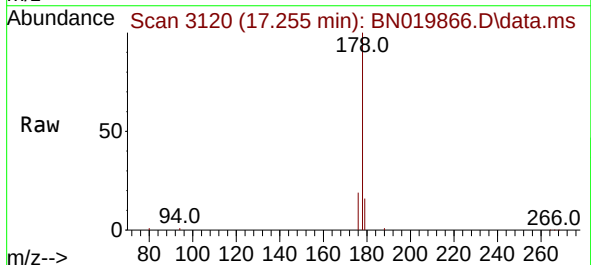
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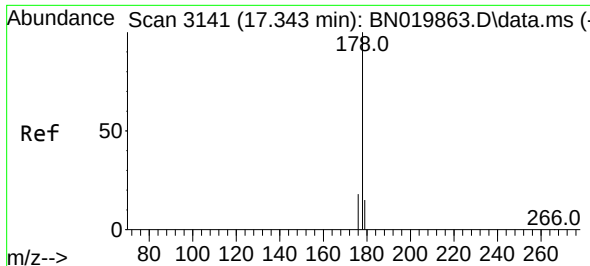
Tgt Ion:266 Resp: 4072
 Ion Ratio Lower Upper
 266 100
 264 63.0 44.9 67.3
 268 62.6 44.6 67.0



#15
 Phenanthrene
 Concen: 0.335 ng/ul
 RT: 17.255 min Scan# 3120
 Delta R.T. 0.000 min
 Lab File: BN019866.D
 Acq: 20 May 2022 12:52

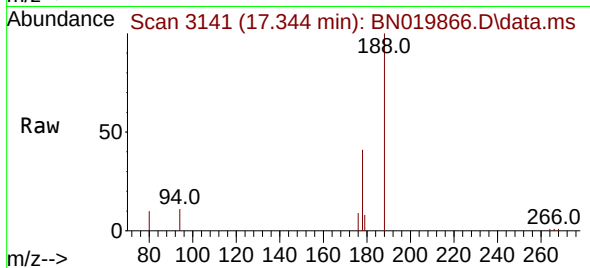
Tgt Ion:178 Resp: 22752
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.9 19.3
 176 19.5 15.5 23.3



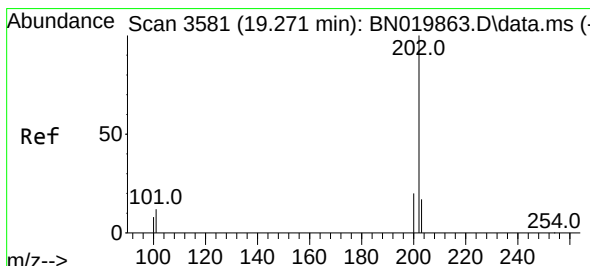
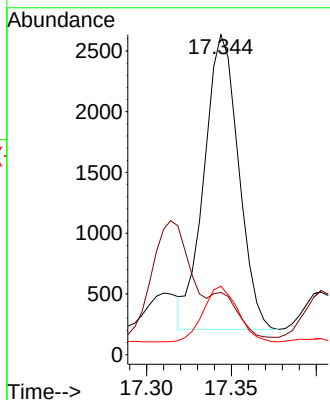
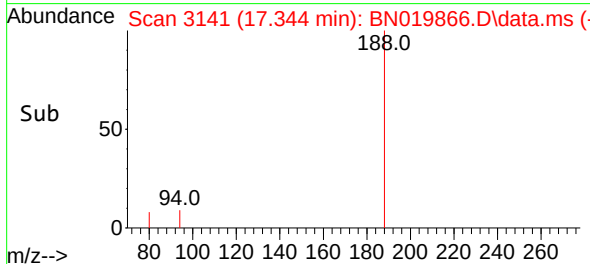


#16
 Anthracene
 Concen: 0.062 ng/ul
 RT: 17.344 min Scan# 3141
 Delta R.T. -0.004 min
 Lab File: BN019866.D
 Acq: 20 May 2022 12:52

Instrument :
 BNA_N
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 DBTE3

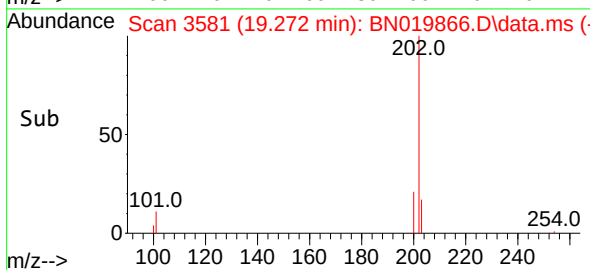
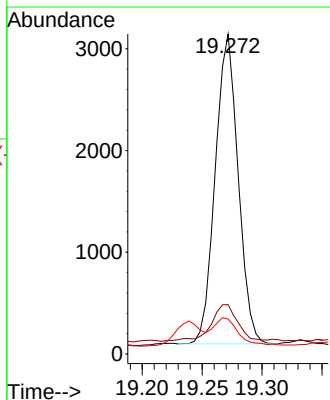
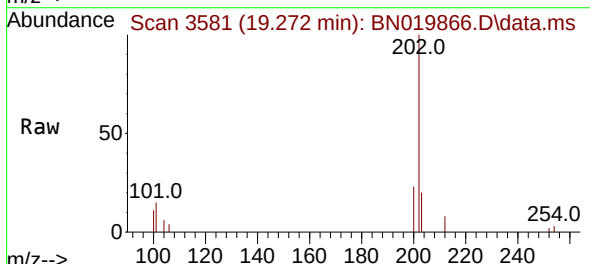


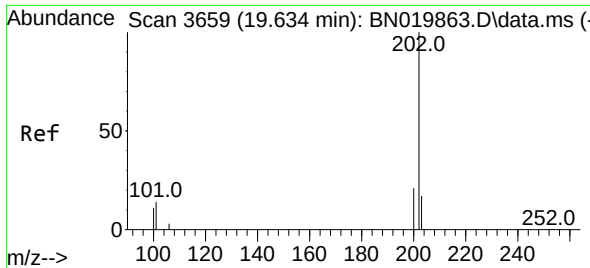
Tgt Ion:178 Resp: 3422
 Ion Ratio Lower Upper
 178 100
 179 19.4 13.1 19.7
 176 21.4 15.3 22.9



#19
 Fluoranthene
 Concen: 0.054 ng/ul
 RT: 19.272 min Scan# 3581
 Delta R.T. 0.000 min
 Lab File: BN019866.D
 Acq: 20 May 2022 12:52

Tgt Ion:202 Resp: 4041
 Ion Ratio Lower Upper
 202 100
 101 15.4 9.7 14.5#
 100 10.9 7.4 11.2

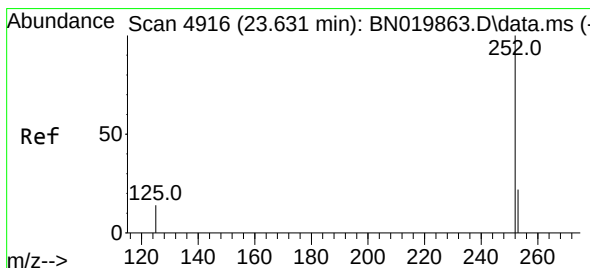
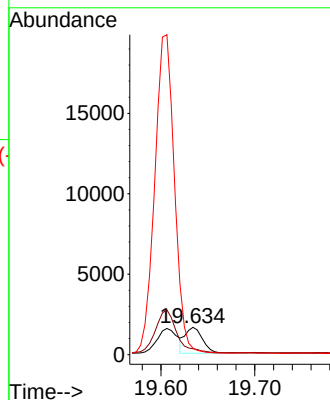
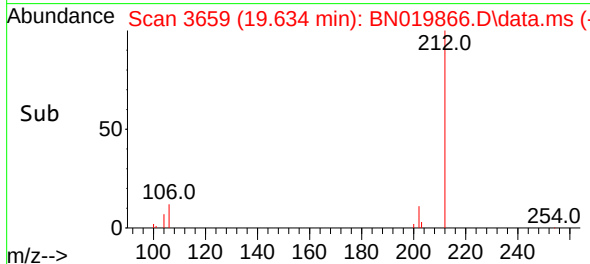
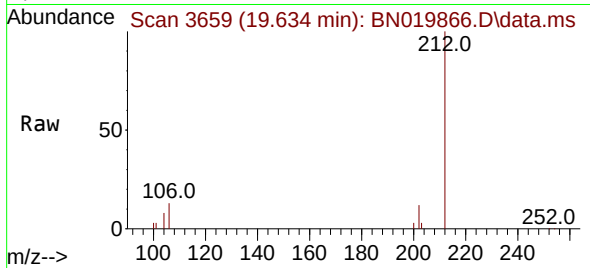




#20
Pyrene
Concen: 0.028 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 2072
Ion Ratio Lower Upper
202 100
101 21.7 11.4 17.0#
100 24.3 9.0 13.4#



#26
Benzo(a)pyrene
Concen: 0.076 ng/ul
RT: 23.592 min Scan# 4903
Delta R.T. -0.047 min
Lab File: BN019866.D
Acq: 20 May 2022 12:52

Tgt Ion:252 Resp: 4513
Ion Ratio Lower Upper
252 100
253 39.1 23.4 35.0#
125 34.0 28.3 42.5

