

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022822\
 Data File : BN018773.D
 Acq On : 28 Feb 2022 23:25
 Operator : CG/JU
 Sample : PB142907BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS907

Quant Time: Mar 01 00:41:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

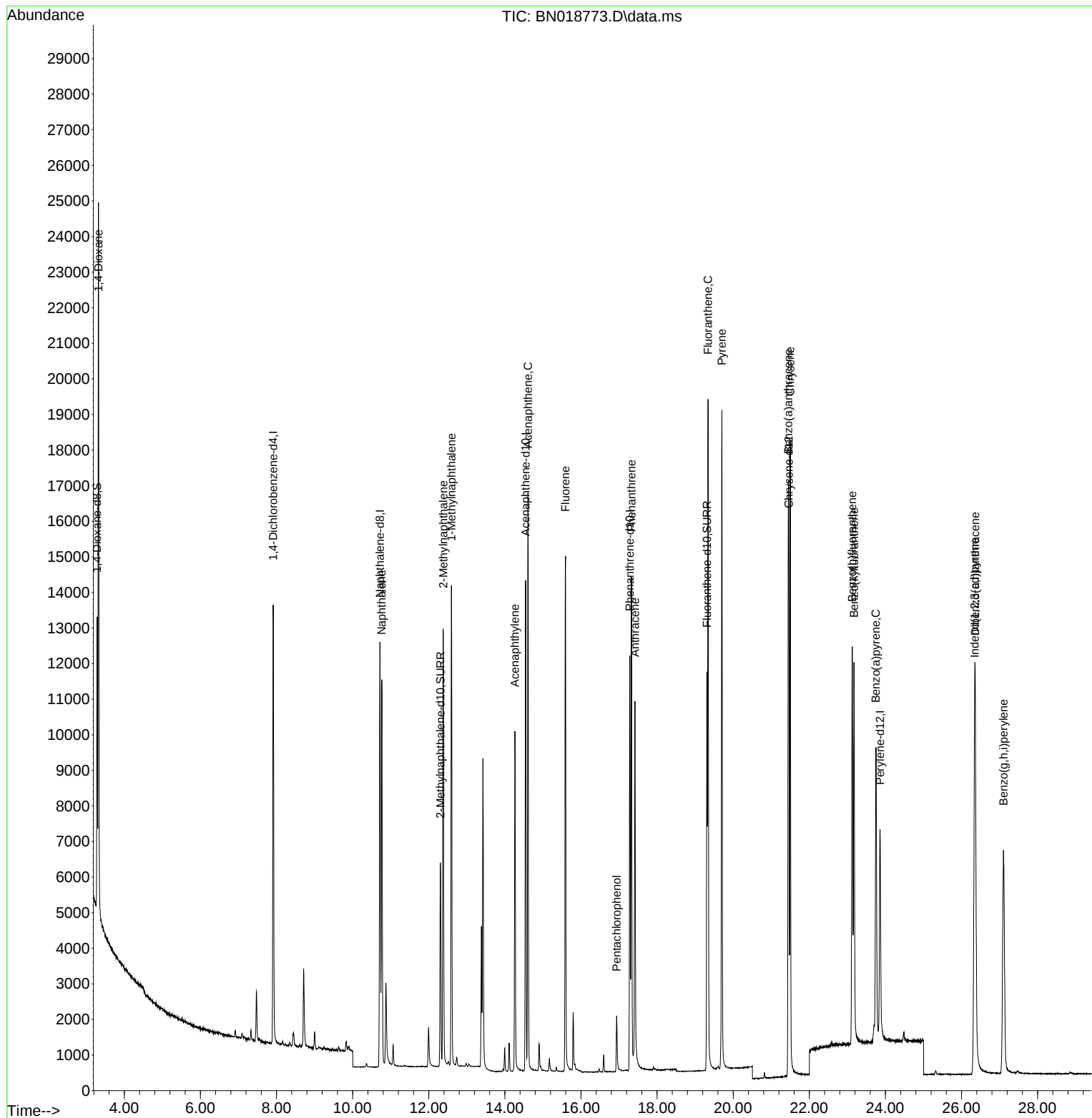
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	16152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	7694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	13817	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.462	240	10298	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	8588	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	4896	0.656	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.304	152	7564	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	12433	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	13364	1.748	ng/ul#	74
5) Naphthalene	10.765	128	15168	0.332	ng/ul	100
7) 2-Methylnaphthalene	12.381	142	9110	0.309	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	9163	0.312	ng/ul	100
10) Acenaphthylene	14.265	152	11243	0.324	ng/ul	99
11) Acenaphthene	14.607	153	9060	0.326	ng/ul	100
12) Fluorene	15.592	166	9534	0.319	ng/ul	99
14) Pentachlorophenol	16.937	266	1239	0.439	ng/ul	98
15) Phenanthrene	17.326	178	15060	0.332	ng/ul	99
16) Anthracene	17.419	178	12297	0.303	ng/ul	99
19) Fluoranthene	19.340	202	16161	0.374	ng/ul#	94
20) Pyrene	19.703	202	16282	0.365	ng/ul#	94
21) Benzo(a)anthracene	21.447	228	12832	0.322	ng/ul	100
22) Chrysene	21.500	228	15752	0.379	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	14873	0.389	ng/ul	92
25) Benzo(k)fluoranthene	23.174	252	14797	0.388	ng/ul#	95
26) Benzo(a)pyrene	23.750	252	13412	0.398	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.343	276	16099	0.375	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.360	278	12692	0.377	ng/ul#	92
29) Benzo(g,h,i)perylene	27.104	276	14419	0.392	ng/ul#	90

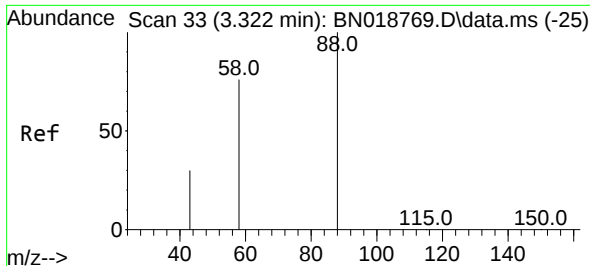
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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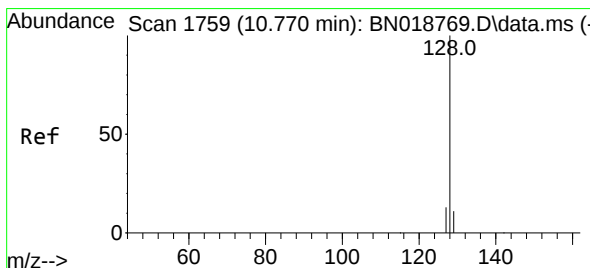
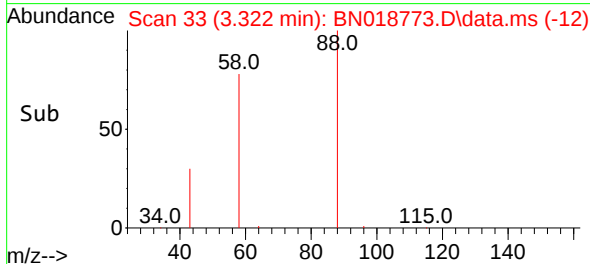
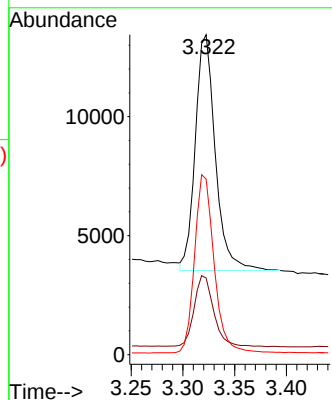
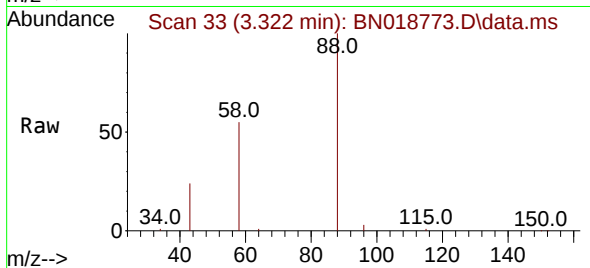




#2
1,4-Dioxane
Concen: 1.748 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

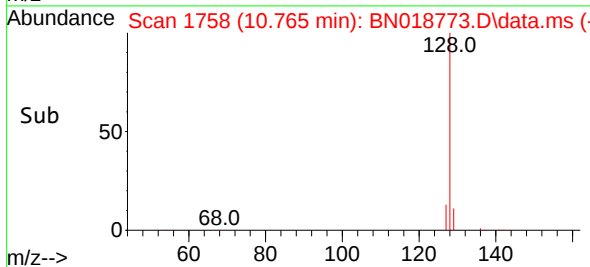
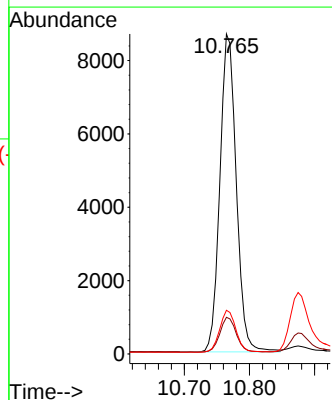
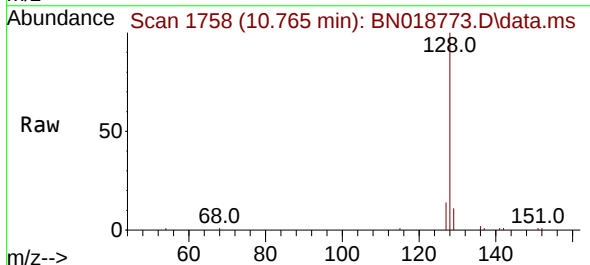
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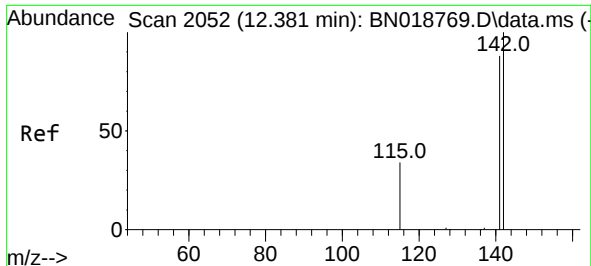
Tgt Ion: 88 Resp: 13364
Ion Ratio Lower Upper
88 100
43 23.9 47.8 71.8#
58 54.9 46.2 69.2



#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:128 Resp: 15168
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.7 11.0 16.6

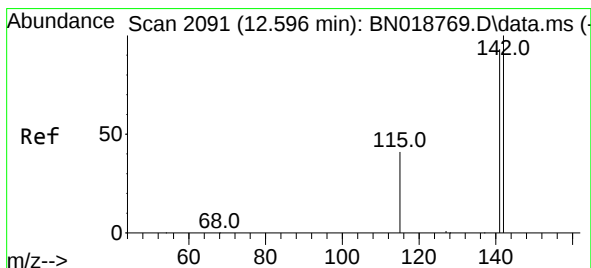
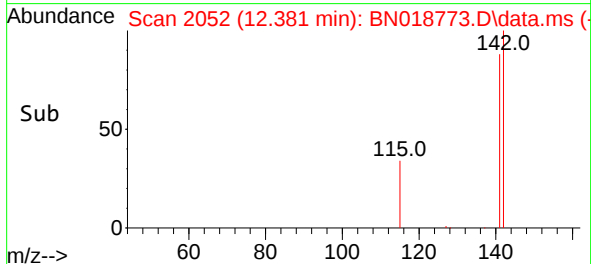
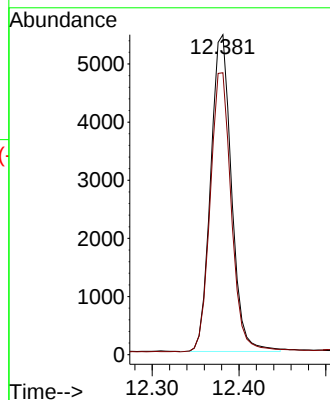
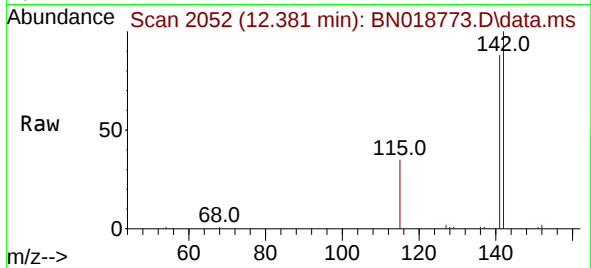




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

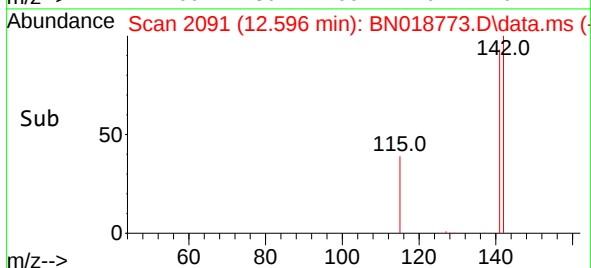
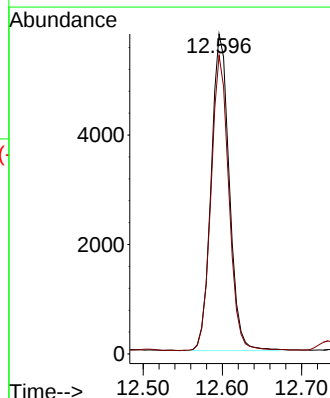
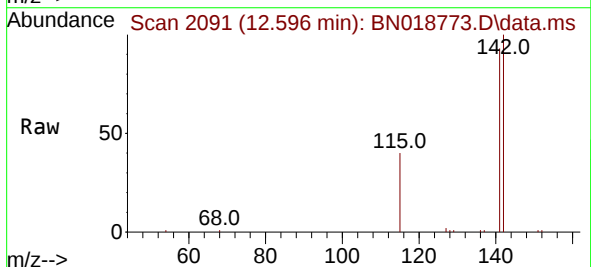
Instrument :
BNA_N
ClientSampleId :
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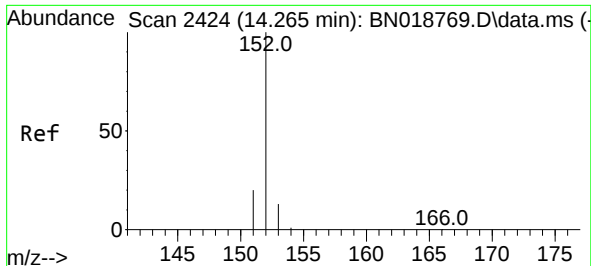
Tgt Ion:142 Resp: 9110
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:142 Resp: 9163
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8

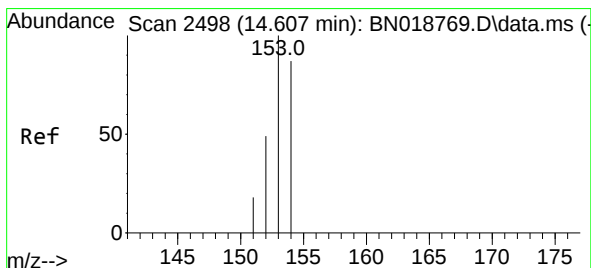
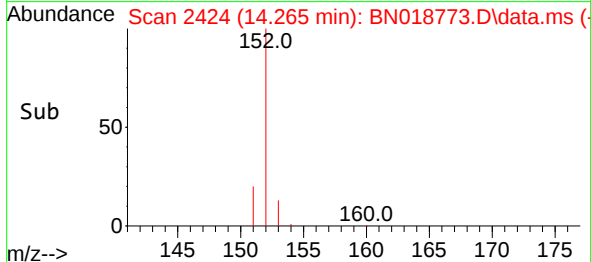
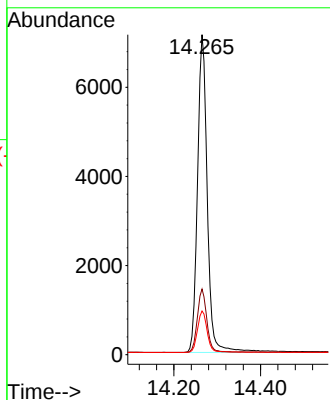
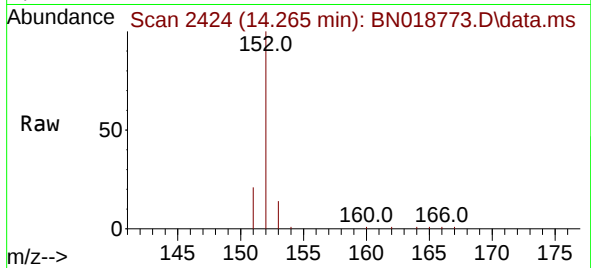




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

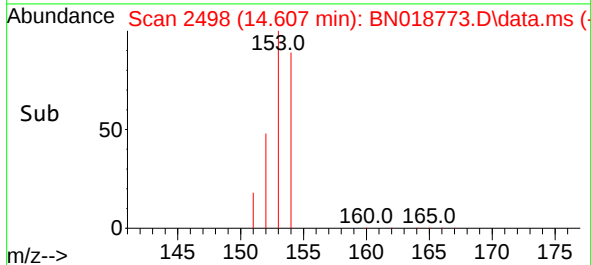
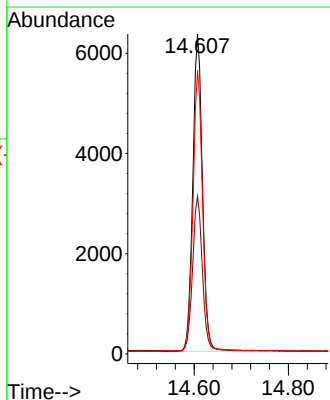
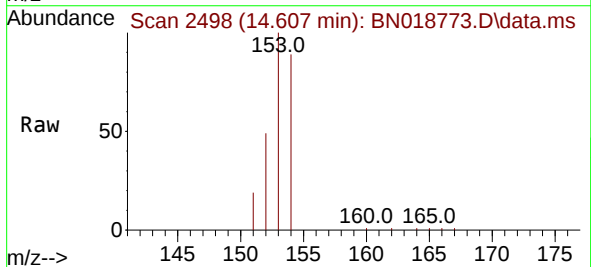
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BNA_N
ClientSampleId :
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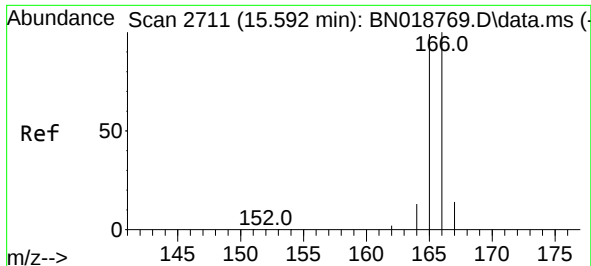
Tgt Ion:152	Resp:	11243
Ion Ratio	Lower	Upper
152	100	
151	20.5	15.8 23.8
153	13.7	10.7 16.1



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018773.D
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Tgt Ion:153	Resp:	9060
Ion Ratio	Lower	Upper
153	100	
152	49.2	39.7 59.5
154	88.8	70.9 106.3

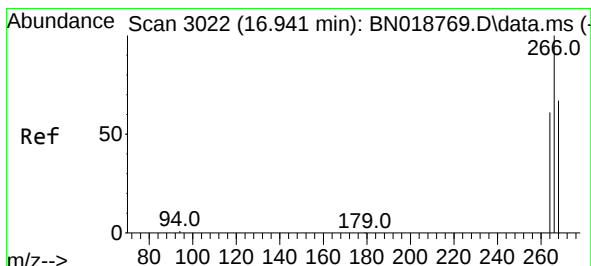
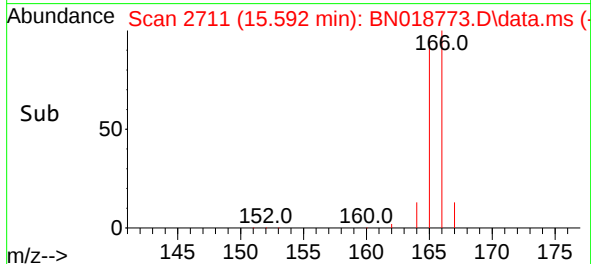
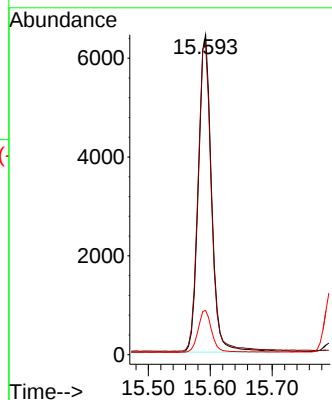
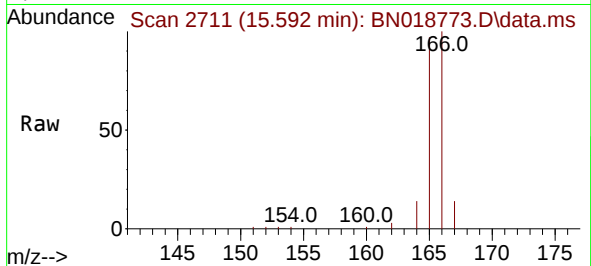




#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.592 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

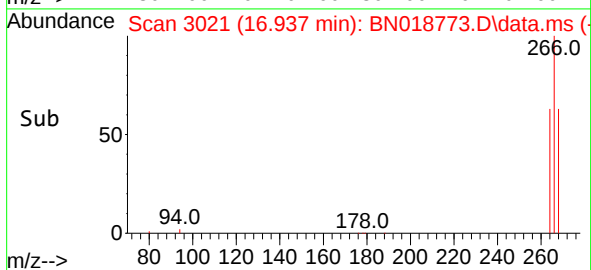
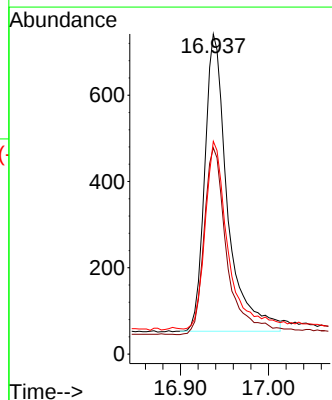
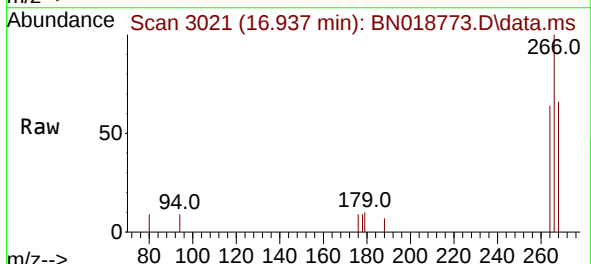
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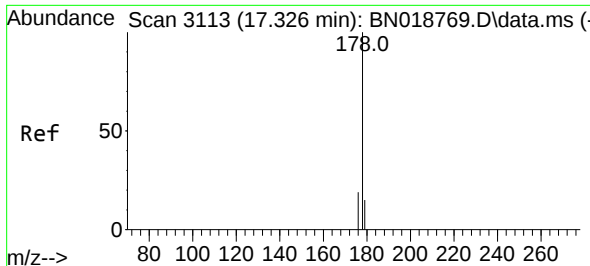
Tgt Ion:166 Resp: 9534
Ion Ratio Lower Upper
166 100
165 96.7 77.8 116.6
167 13.8 11.6 17.4



#14
Pentachlorophenol
Concen: 0.439 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:266 Resp: 1239
Ion Ratio Lower Upper
266 100
264 63.8 49.9 74.9
268 63.4 51.7 77.5

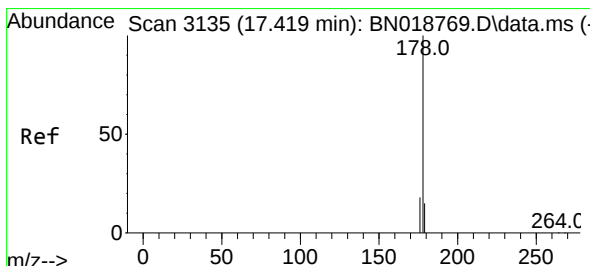
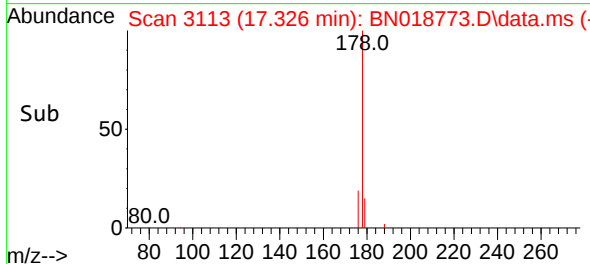
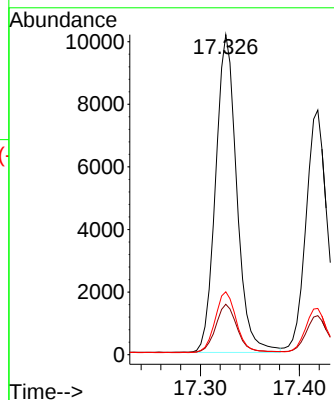
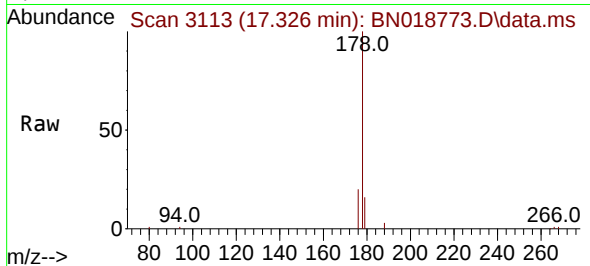




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.326 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

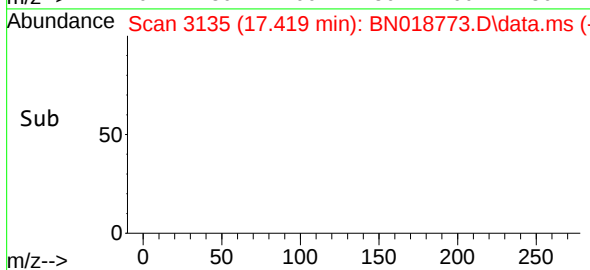
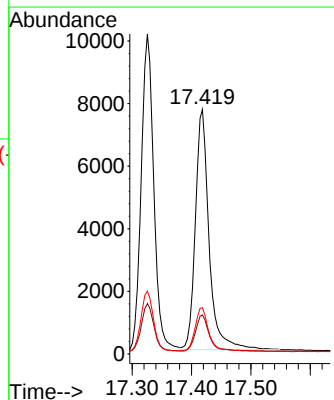
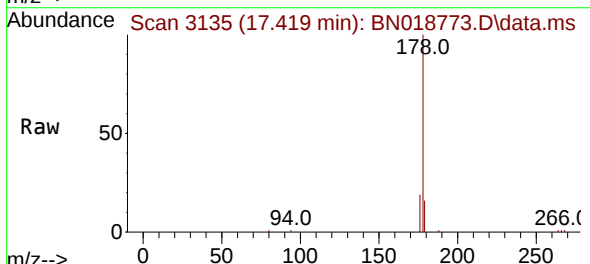
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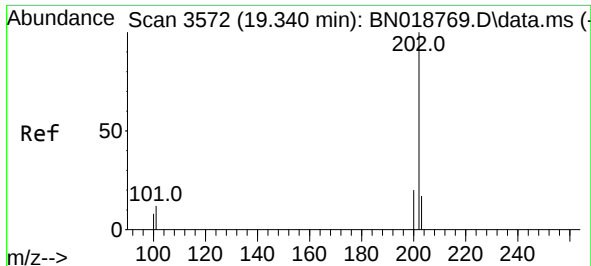
Tgt Ion:178	Resp:	15060
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.2 18.4
176	19.6	15.4 23.2



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.419 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:178	Resp:	12297
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.3 18.5
176	18.9	15.5 23.3

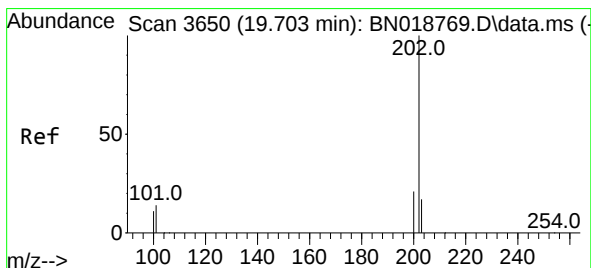
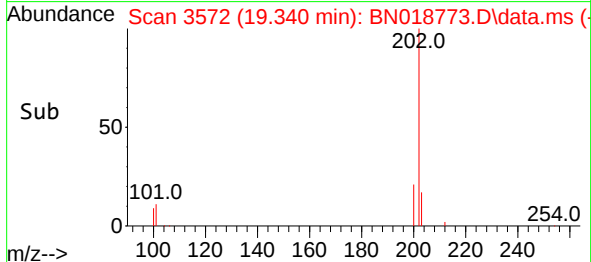
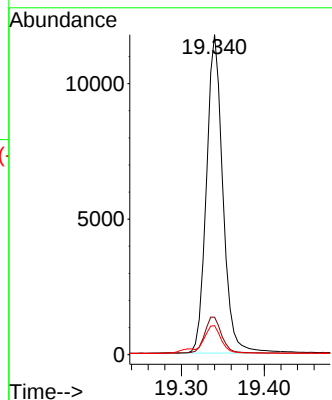
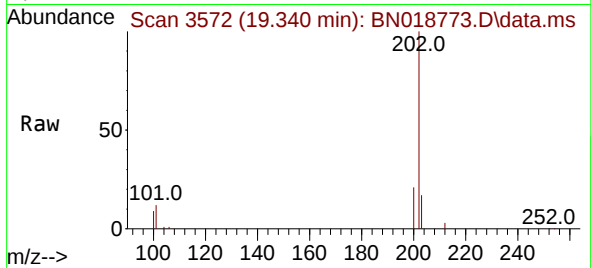




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.340 min Scan# 3572
Delta R.T. -0.003 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

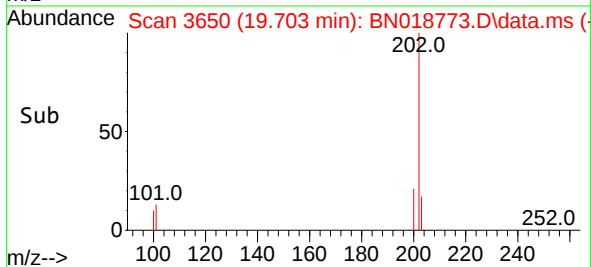
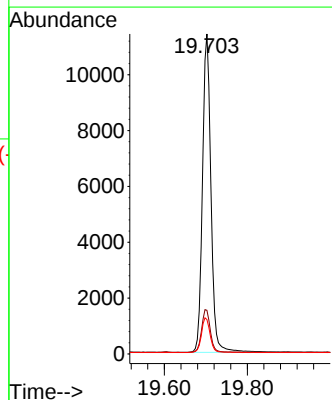
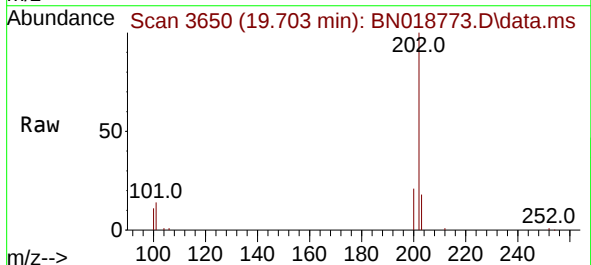
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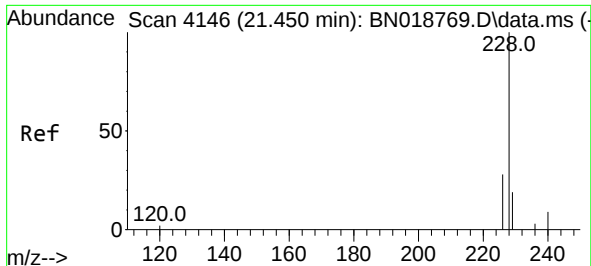
Tgt Ion:202 Resp: 16161
Ion Ratio Lower Upper
202 100
101 11.7 7.5 11.3#
100 9.0 5.4 8.2#



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.703 min Scan# 3650
Delta R.T. -0.003 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:202 Resp: 16282
Ion Ratio Lower Upper
202 100
101 13.7 9.0 13.4#
100 10.8 7.0 10.4#

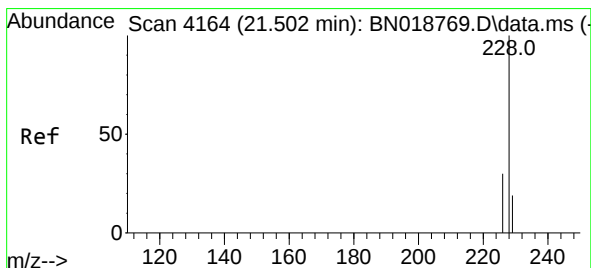
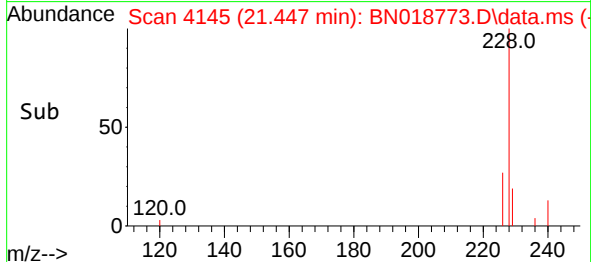
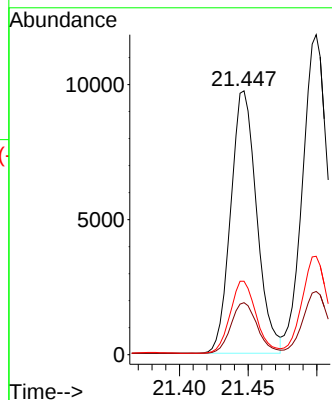
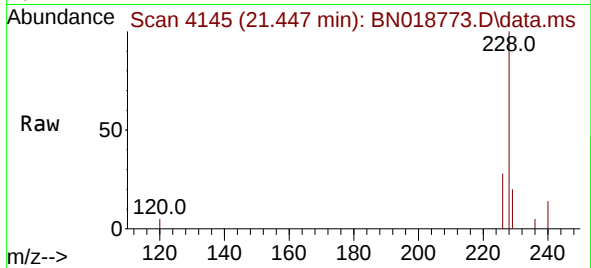




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.447 min Scan# 4146
Delta R.T. -0.005 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

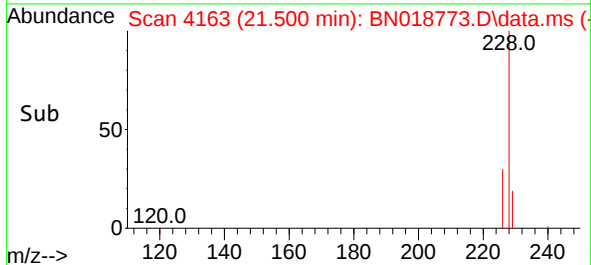
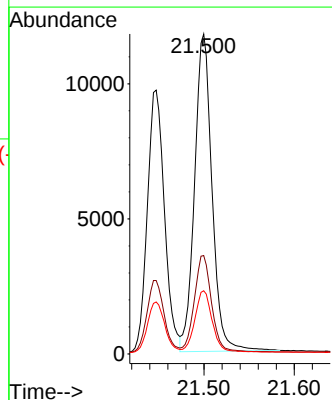
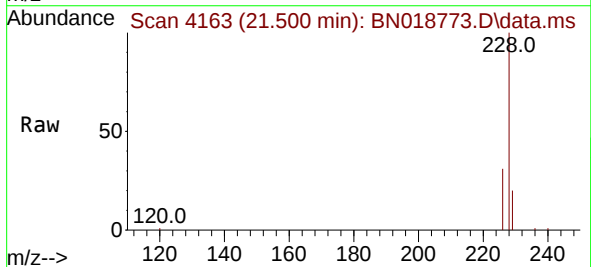
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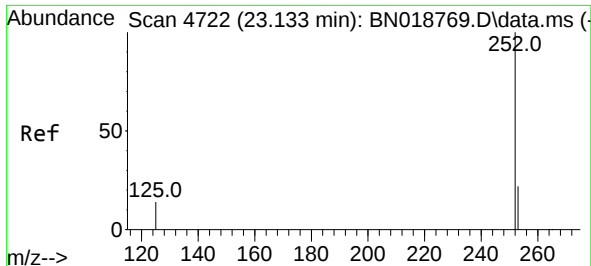
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Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.500 min Scan# 4163
Delta R.T. -0.005 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:228 Resp: 15752
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 19.7 15.7 23.5

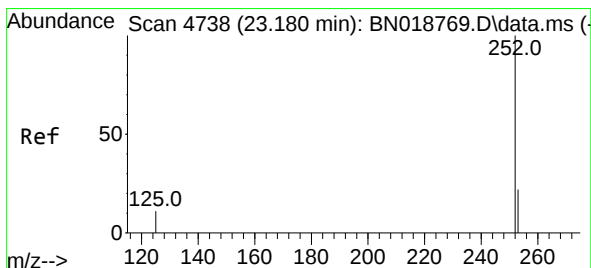
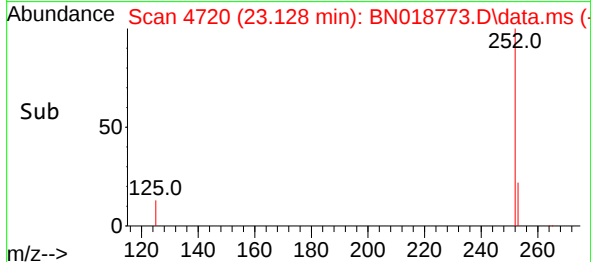
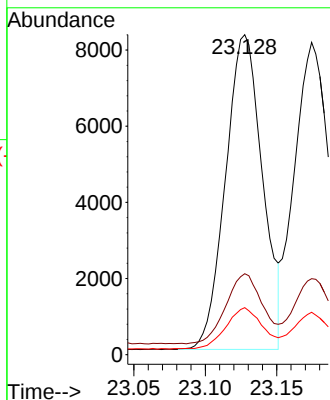
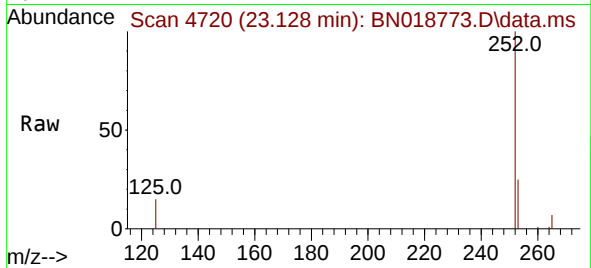




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.128 min Scan# 4720
Delta R.T. -0.008 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

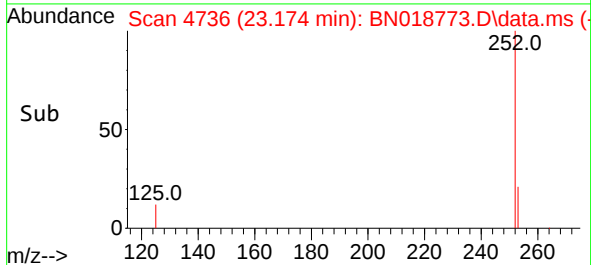
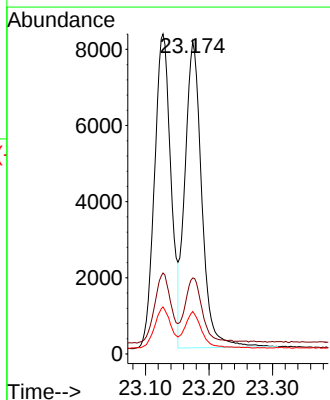
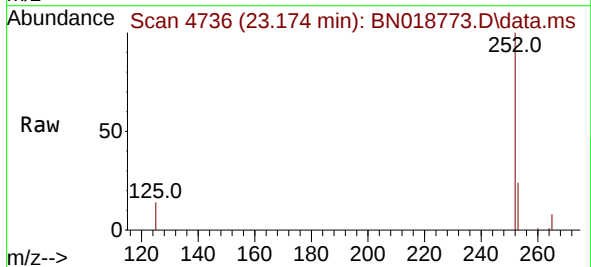
Instrument :
BNA_N
ClientSampleId :
SLCS907

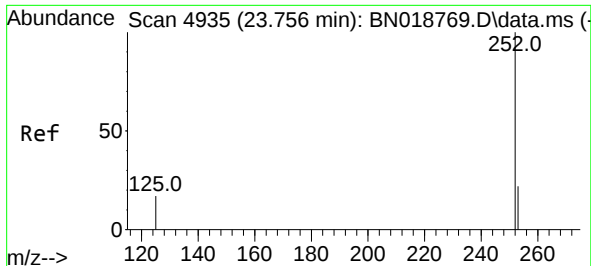
Tgt Ion:252 Resp: 14873
Ion Ratio Lower Upper
252 100
253 25.3 0.0 46.4
125 14.7 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.174 min Scan# 4736
Delta R.T. -0.008 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:252 Resp: 14797
Ion Ratio Lower Upper
252 100
253 24.3 18.6 28.0
125 13.6 7.3 10.9#

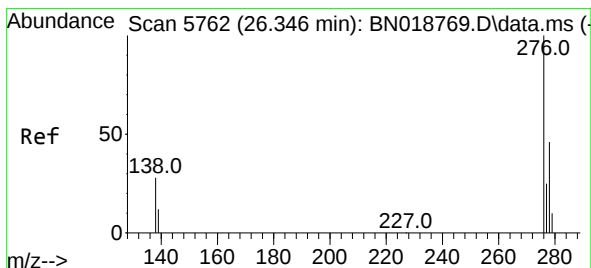
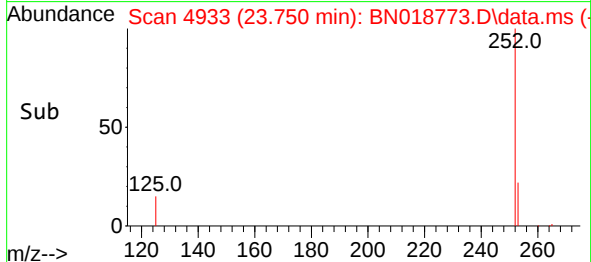
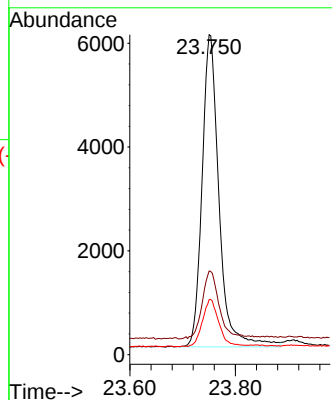
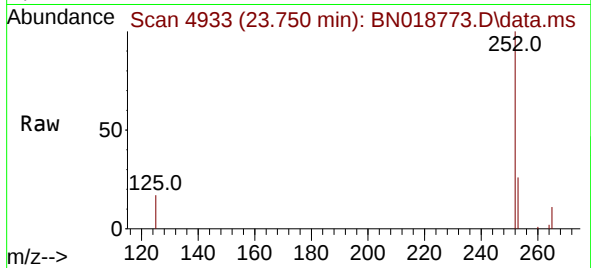




#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.750 min Scan# 4935
Delta R.T. -0.010 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

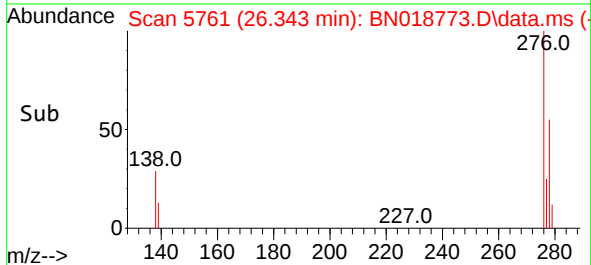
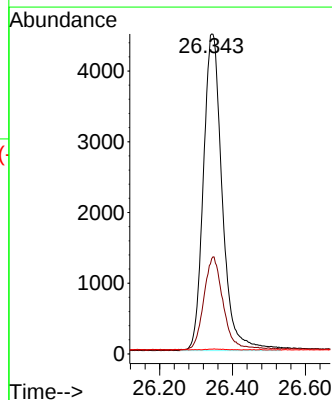
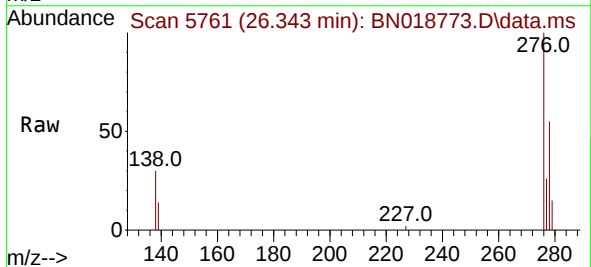
Instrument :
BNA_N
ClientSampleId :
SLCS907

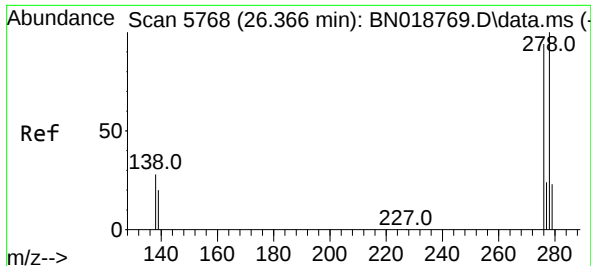
Tgt Ion:252 Resp: 13412
Ion Ratio Lower Upper
252 100
253 26.1 18.9 28.3
125 17.2 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.343 min Scan# 5761
Delta R.T. -0.015 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

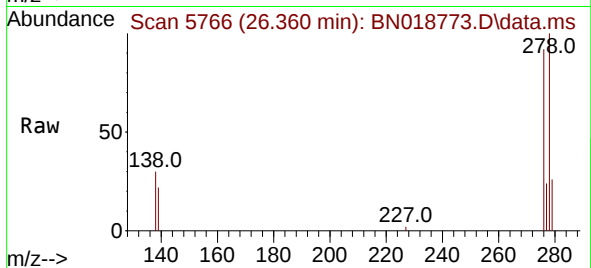
Tgt Ion:276 Resp: 16099
Ion Ratio Lower Upper
276 100
138 29.9 16.5 24.7#
227 0.3 0.1 0.1#



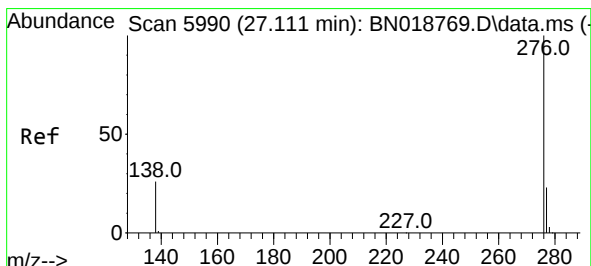
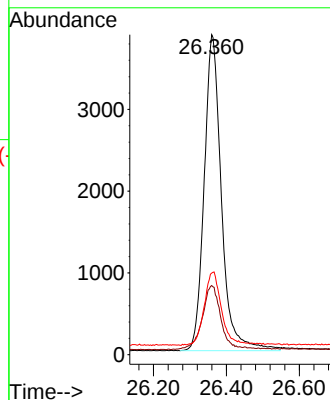
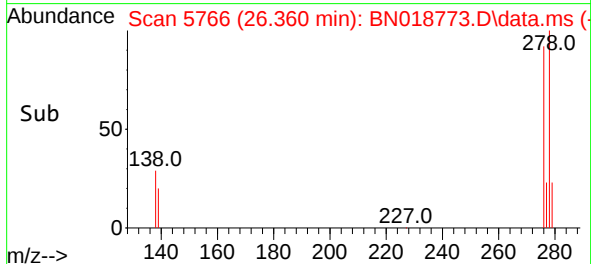


#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.360 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Instrument :
BNA_N
ClientSampleId :
SLCS907



Tgt Ion:278 Resp: 12692
Ion Ratio Lower Upper
278 100
139 21.6 11.9 17.9#
279 25.5 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.104 min Scan# 5988
Delta R.T. -0.018 min
Lab File: BN018773.D
Acq: 28 Feb 2022 23:25

Tgt Ion:276 Resp: 14419
Ion Ratio Lower Upper
276 100
138 27.5 14.4 21.6#
277 24.6 19.2 28.8

