

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
 Data File : BN018554.D
 Acq On : 02 Feb 2022 17:51
 Operator : CG/JU
 Sample : PB142390BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS390

Quant Time: Feb 03 03:32:07 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)

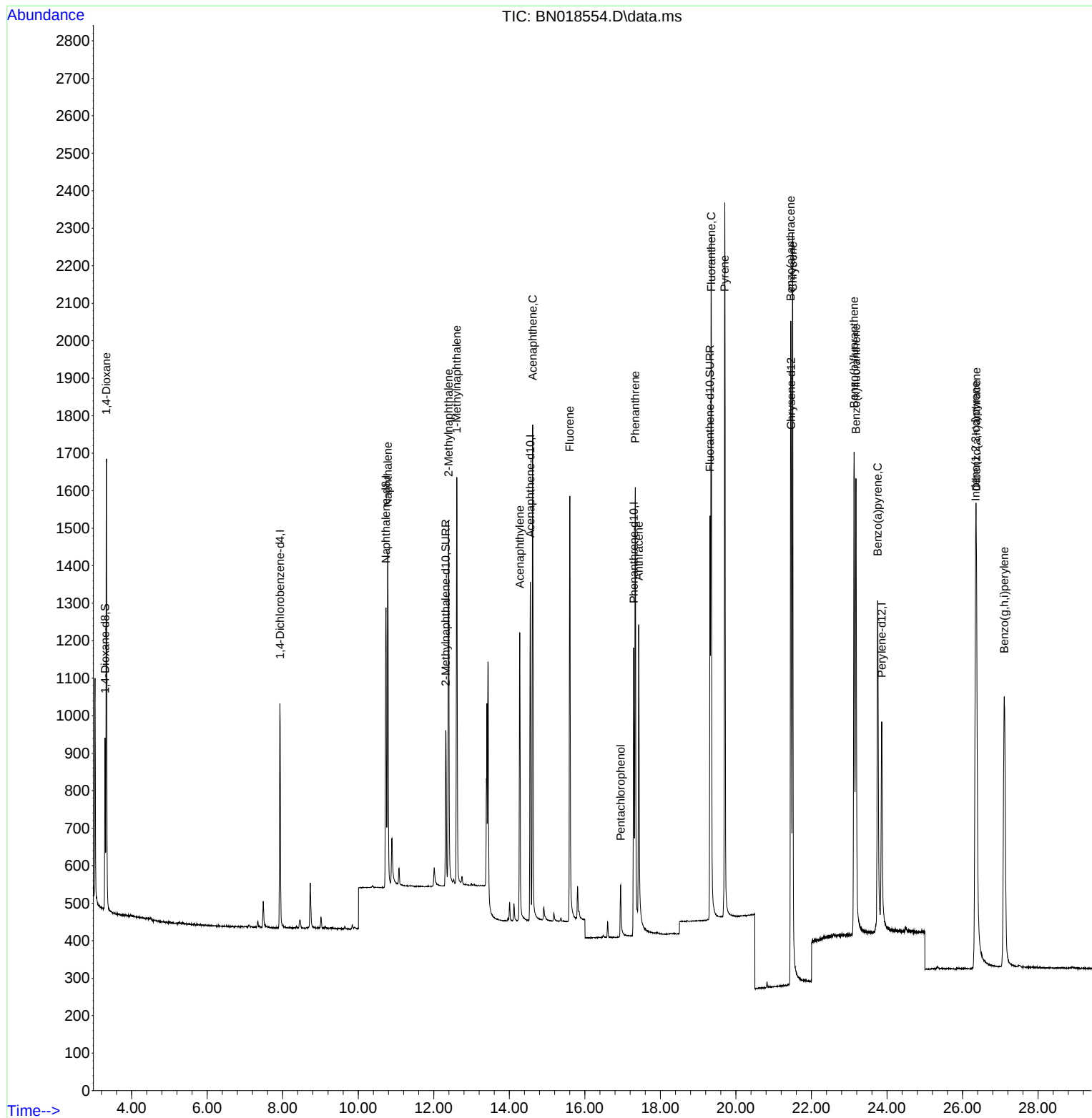
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	312	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1062	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.558	164	532	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	981	0.400	ng/ul #	0.00
17) Chrysene-d12	21.464	240	936	0.400	ng/ul #	0.00
23) Perylene-d12	23.861	264	817	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	283	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	602	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.314	212	1226	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	791	2.042	ng/ul#	72
5) Naphthalene	10.783	128	1276	0.432	ng/ul#	89
7) 2-Methylnaphthalene	12.394	142	755	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.608	142	771	0.398	ng/ul	99
10) Acenaphthylene	14.276	152	968	0.458	ng/ul#	87
11) Acenaphthene	14.618	153	794	0.427	ng/ul	98
12) Fluorene	15.603	166	844	0.420	ng/ul#	98
14) Pentachlorophenol	16.947	266	125	0.684	ng/ul	97
15) Phenanthrene	17.336	178	1420	0.442	ng/ul#	92
16) Anthracene	17.429	178	1097	0.426	ng/ul#	88
19) Fluoranthene	19.346	202	1681	0.452	ng/ul#	84
20) Pyrene	19.704	202	1735	0.454	ng/ul#	83
21) Benzo(a)anthracene	21.450	228	1395	0.468	ng/ul	94
22) Chrysene	21.502	228	1849	0.508	ng/ul	96
24) Benzo(b)fluoranthene	23.127	252	1797	0.500	ng/ul	88
25) Benzo(k)fluoranthene	23.177	252	1828	0.486	ng/ul#	87
26) Benzo(a)pyrene	23.753	252	1556	0.537	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.346	276	1905	0.498	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.366	278	1538	0.514	ng/ul#	78
29) Benzo(g,h,i)perylene	27.104	276	1762	0.517	ng/ul#	79

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

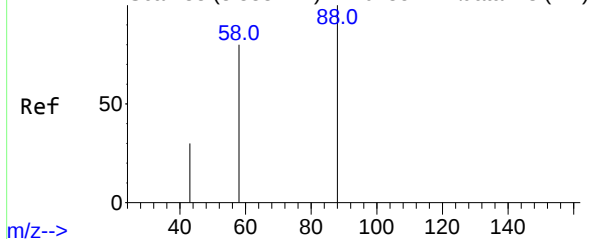
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
Data File : BN018554.D
Acq On : 02 Feb 2022 17:51
Operator : CG/JU
Sample : PB142390BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS390

Quant Time: Feb 03 03:32:07 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

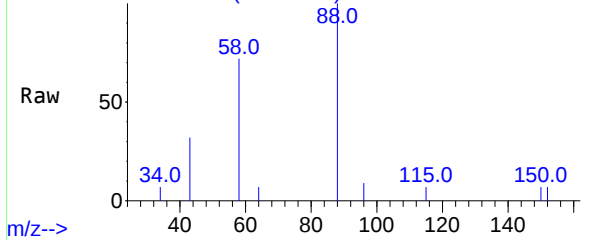


Abundance Scan 83 (3.333 min): BN018544.D\data.ms (-77)



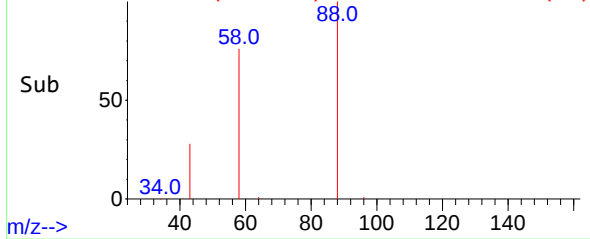
m/z-->

Abundance Scan 83 (3.332 min): BN018554.D\data.ms



m/z-->

Abundance Scan 83 (3.332 min): BN018554.D\data.ms (-59)



m/z-->

#2

1,4-Dioxane

Concen: 2.042 ng/ul

RT: 3.332 min Scan# 83

Delta R.T. -0.000 min

Lab File: BN018554.D

Acq: 02 Feb 2022 17:51

Instrument :

BNA_N

ClientSampleId :

SLCS390

Tgt Ion: 88 Resp: 791

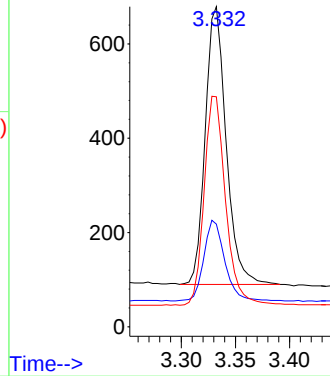
Ion Ratio Lower Upper

88 100

43 32.1 47.8 71.8#

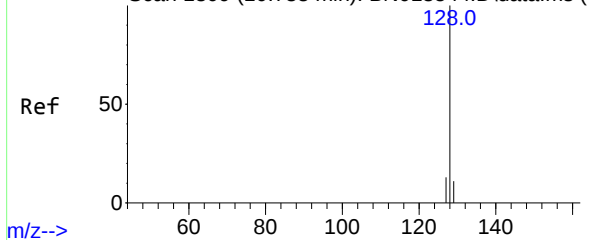
58 71.9 46.2 69.2#

Abundance



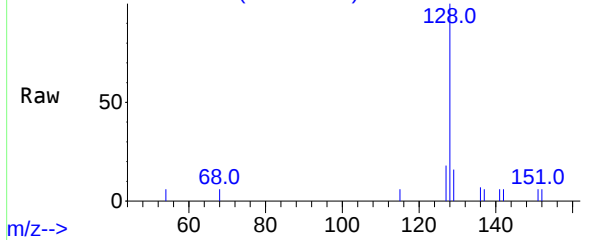
Time-->

Abundance Scan 1809 (10.783 min): BN018544.D\data.ms (-



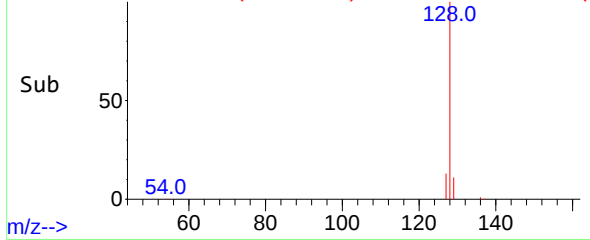
m/z-->

Abundance Scan 1809 (10.783 min): BN018554.D\data.ms



m/z-->

Abundance Scan 1809 (10.783 min): BN018554.D\data.ms (-



m/z-->

#5

Naphthalene

Concen: 0.432 ng/ul

RT: 10.783 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BN018554.D

Acq: 02 Feb 2022 17:51

Tgt Ion:128 Resp: 1276

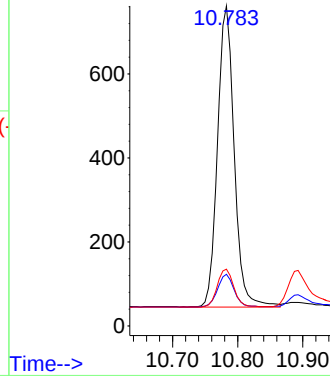
Ion Ratio Lower Upper

128 100

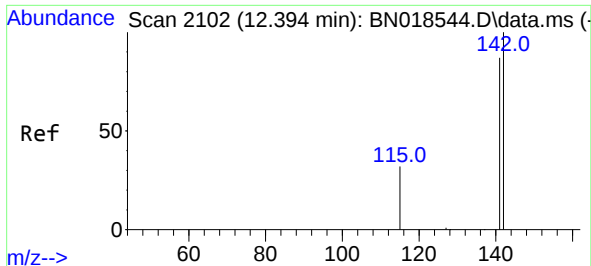
129 16.1 9.4 14.0#

127 17.7 11.0 16.6#

Abundance



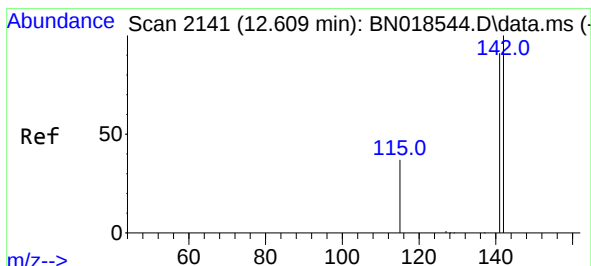
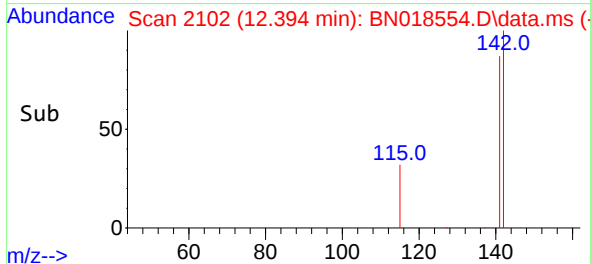
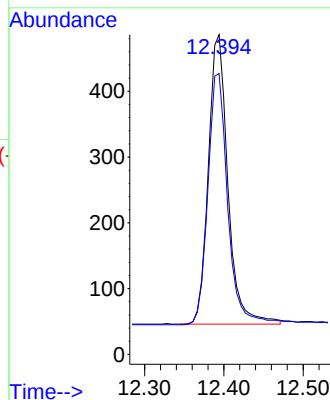
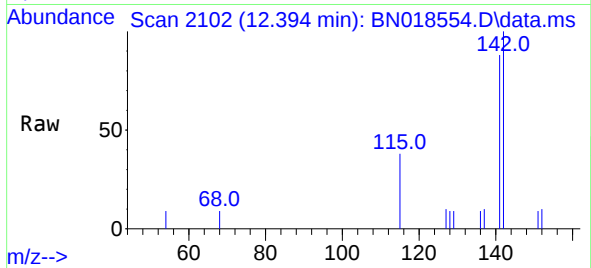
Time-->



#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.394 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

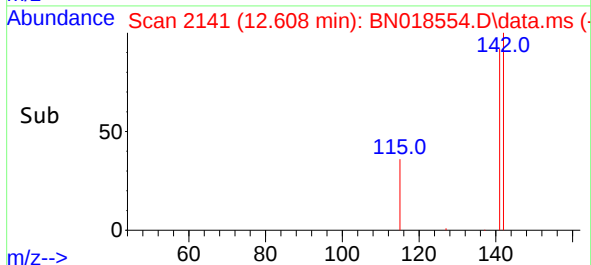
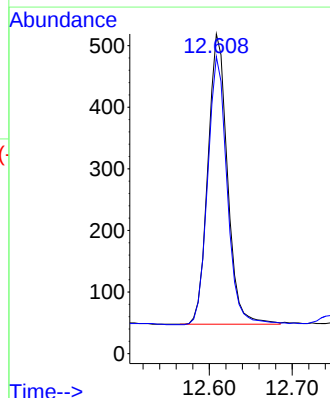
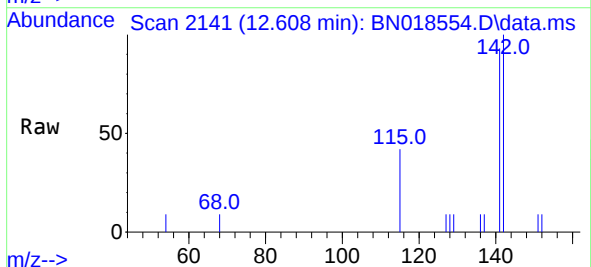
Instrument :
BNA_N
ClientSampleId :
SLCS390

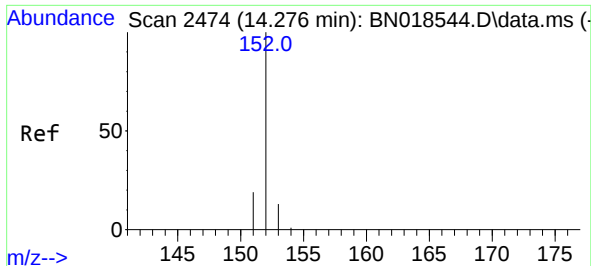
Tgt Ion:142 Resp: 755
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.608 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:142 Resp: 771
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8

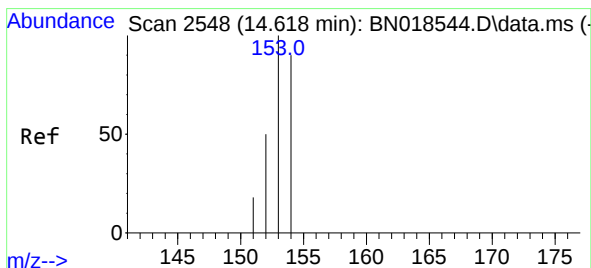
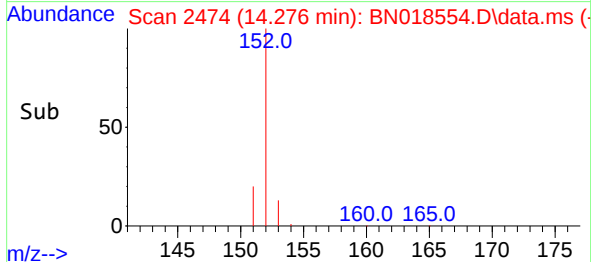
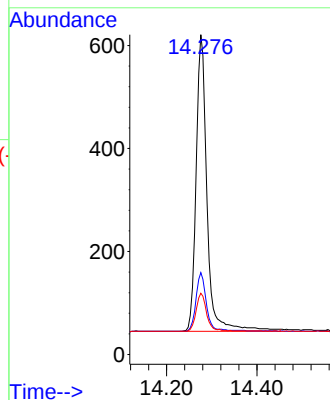
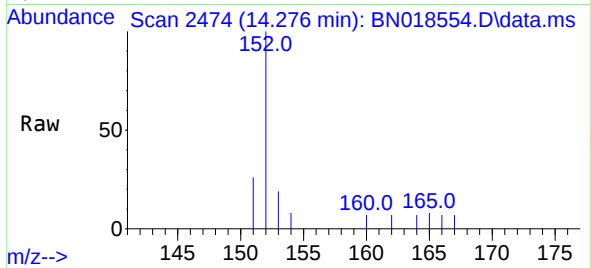




#10
Acenaphthylene
Concen: 0.458 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

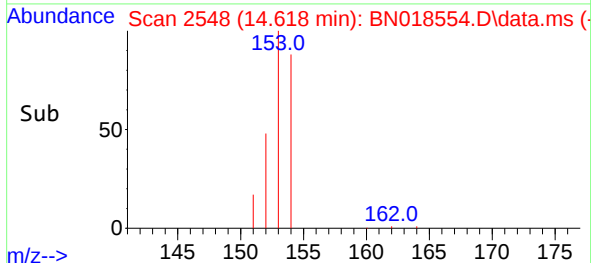
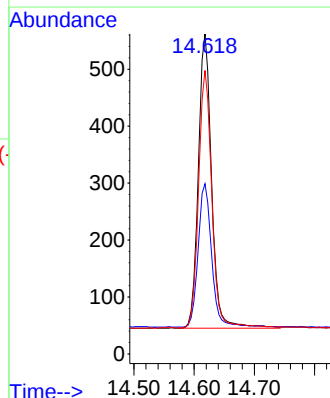
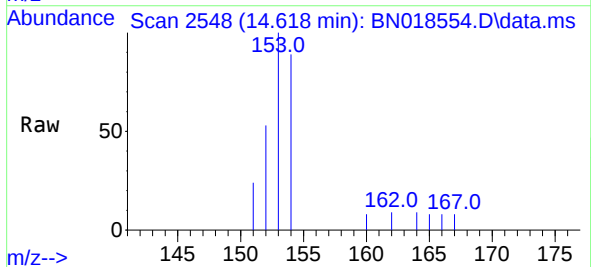
Instrument :
BNA_N
ClientSampleId :
SLCS390

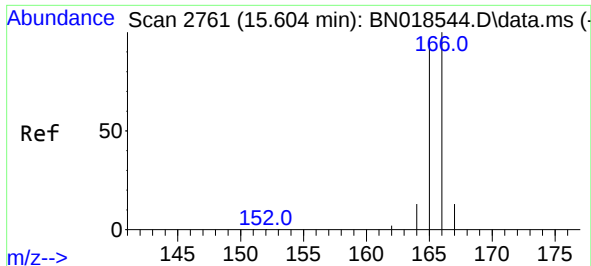
Tgt Ion:	152	Resp:	968
Ion	Ratio	Lower	Upper
152	100		
151	25.6	15.8	23.8#
153	19.2	10.7	16.1#



#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:	153	Resp:	794
Ion	Ratio	Lower	Upper
153	100		
152	53.2	39.7	59.5
154	88.6	70.9	106.3

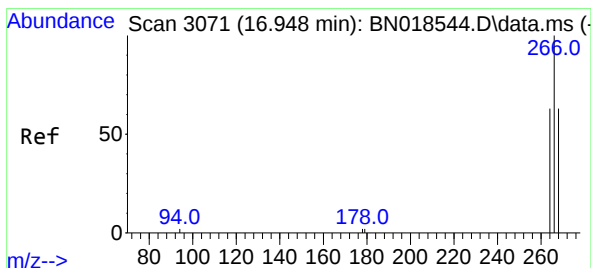
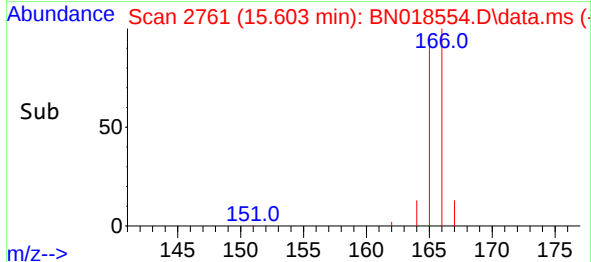
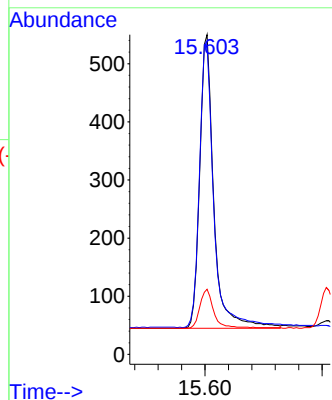
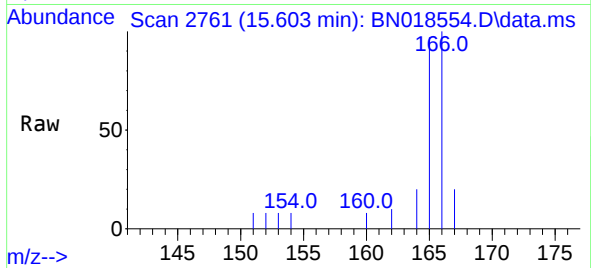




#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.603 min Scan# 2761
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

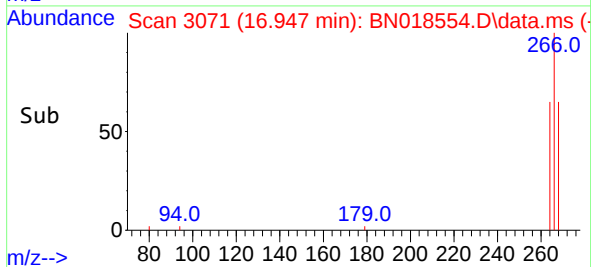
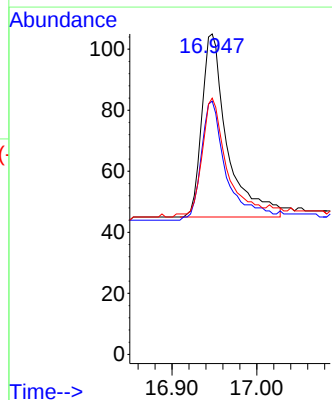
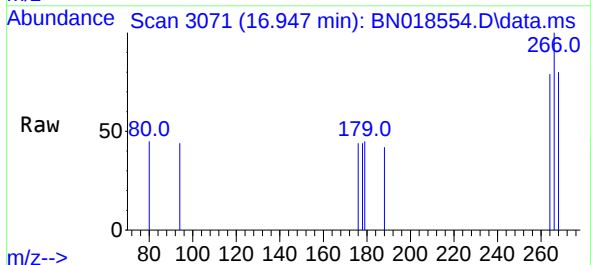
Instrument :
BNA_N
ClientSampleId :
SLCS390

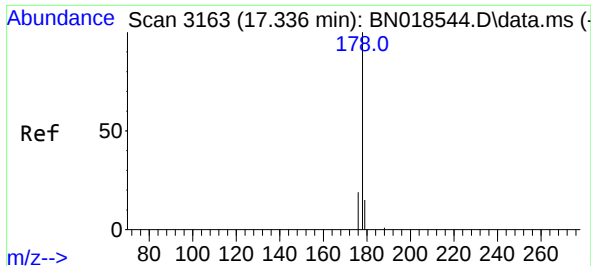
Tgt Ion:166 Resp: 844
Ion Ratio Lower Upper
166 100
165 96.7 77.8 116.6
167 20.4 11.6 17.4#



#14
Pentachlorophenol
Concen: 0.684 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:266 Resp: 125
Ion Ratio Lower Upper
266 100
264 64.8 49.9 74.9
268 67.2 51.7 77.5

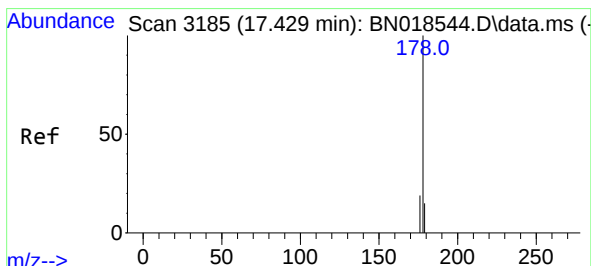
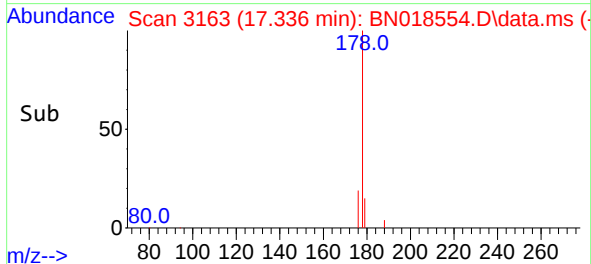
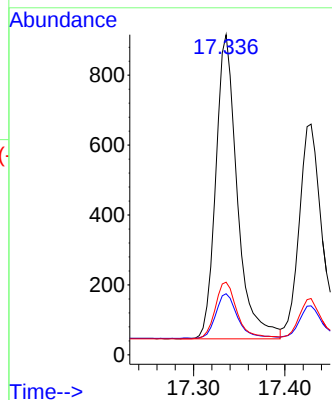
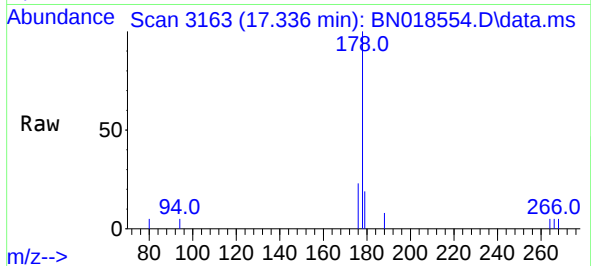




#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.336 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

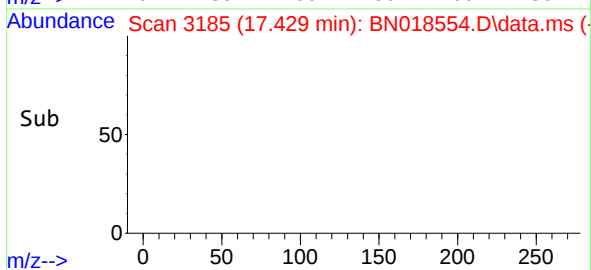
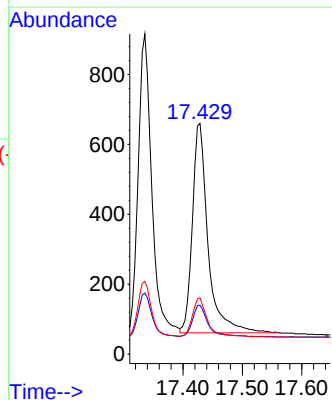
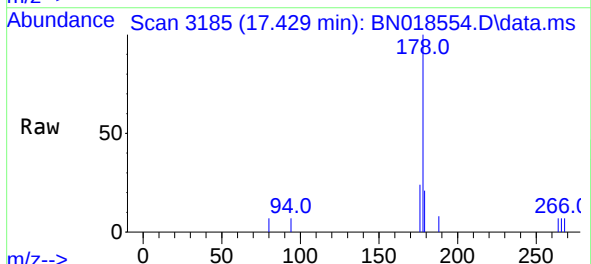
Instrument :
BNA_N
ClientSampleId :
SLCS390

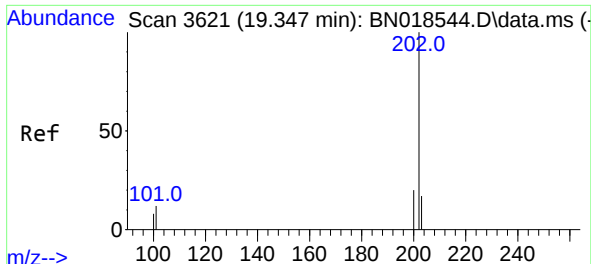
Tgt Ion:178 Resp: 1420
Ion Ratio Lower Upper
178 100
179 19.1 12.2 18.4#
176 22.7 15.4 23.2



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.429 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:178 Resp: 1097
Ion Ratio Lower Upper
178 100
179 21.2 12.3 18.5#
176 24.4 15.5 23.3#

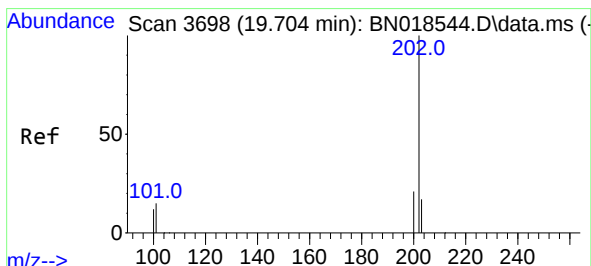
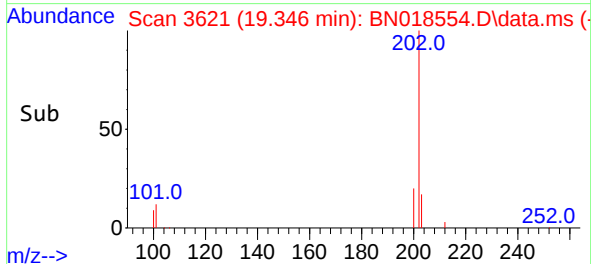
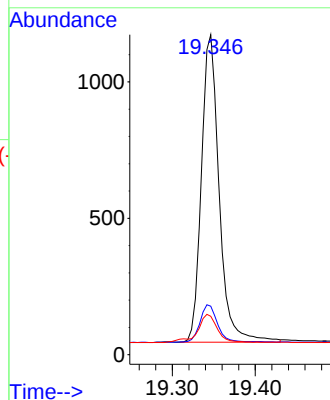
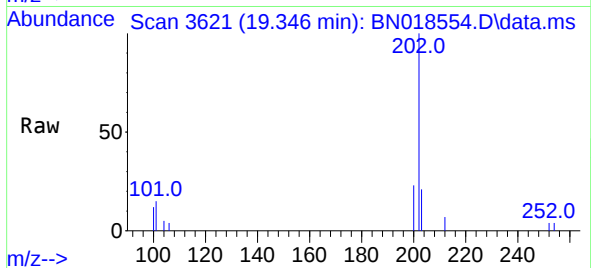




#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

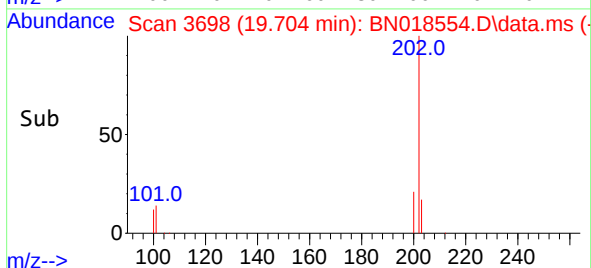
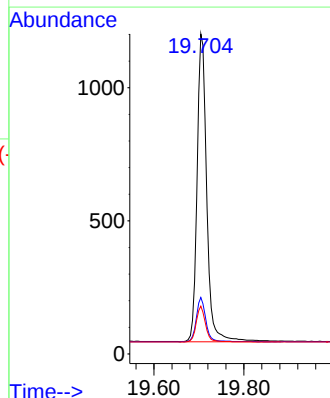
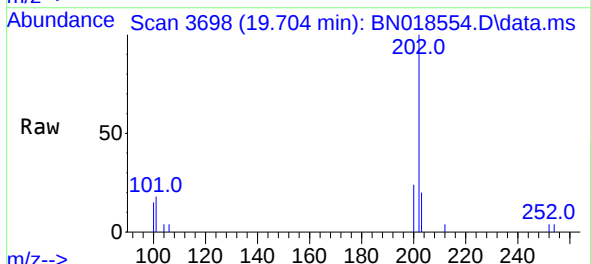
Instrument :
BNA_N
ClientSampleId :
SLCS390

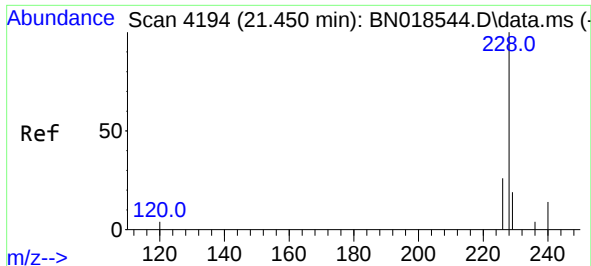
Tgt Ion:202 Resp: 1681
Ion Ratio Lower Upper
202 100
101 15.2 7.5 11.3#
100 12.0 5.4 8.2#



#20
Pyrene
Concen: 0.454 ng/ul
RT: 19.704 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:202 Resp: 1735
Ion Ratio Lower Upper
202 100
101 17.6 9.0 13.4#
100 15.0 7.0 10.4#



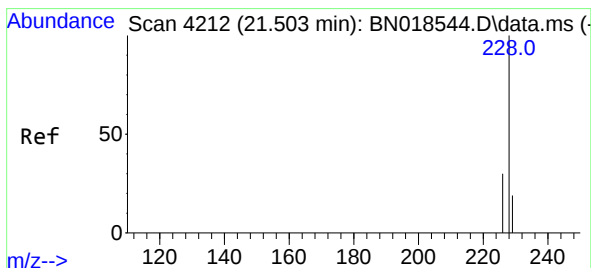
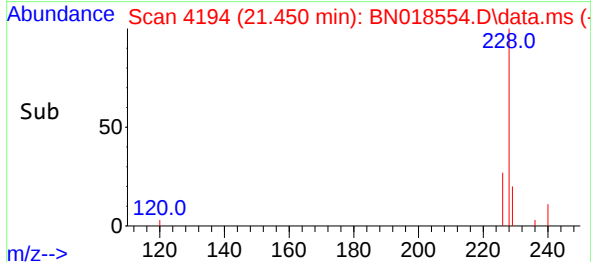
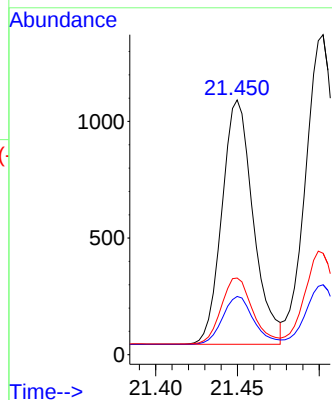
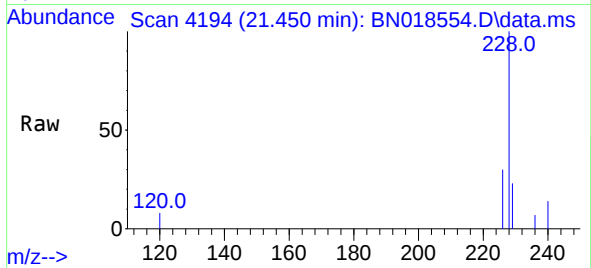


#21
Benzo(a)anthracene
Concen: 0.468 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS390

Tgt Ion:228 Resp: 1395

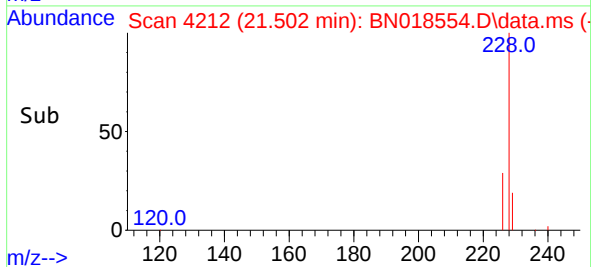
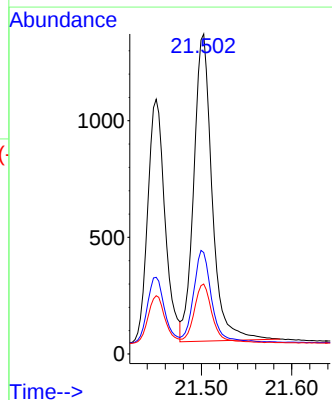
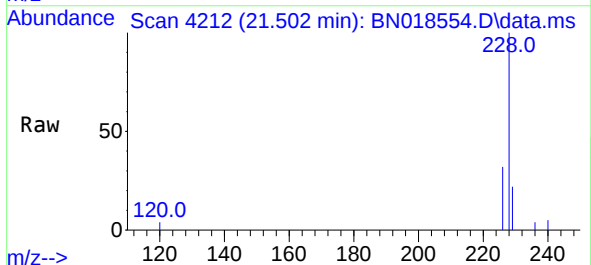
Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.6	23.4
226	30.1	22.1	33.1

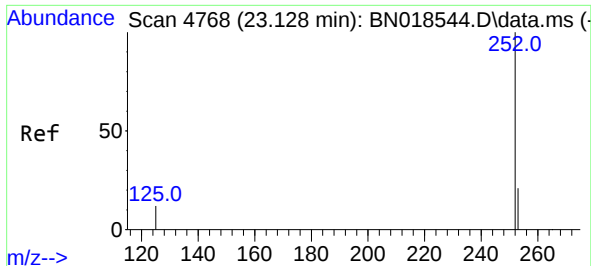


#22
Chrysene
Concen: 0.508 ng/ul
RT: 21.502 min Scan# 4212
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:228 Resp: 1849

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	21.9	15.7	23.5

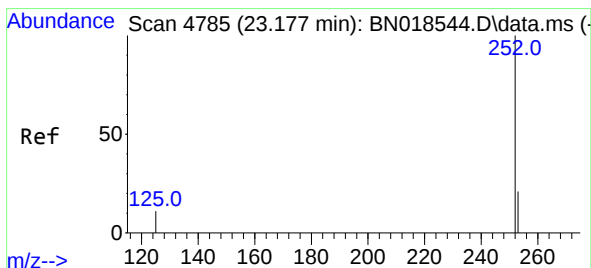
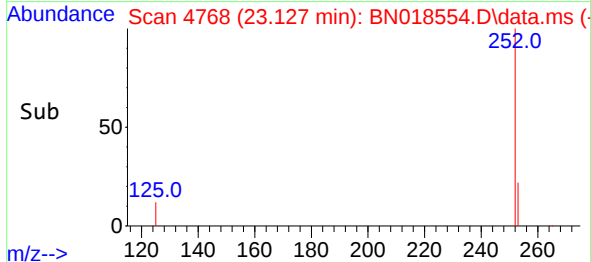
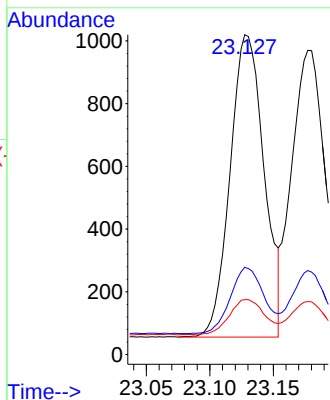
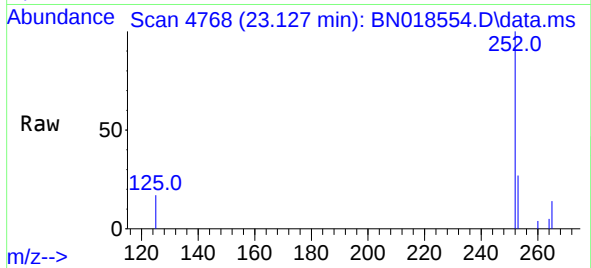




#24
Benzo(b)fluoranthene
Concen: 0.500 ng/ul
RT: 23.127 min Scan# 4768
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

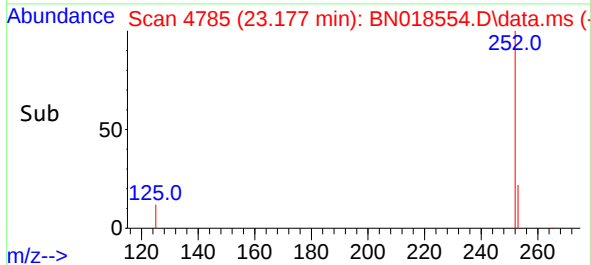
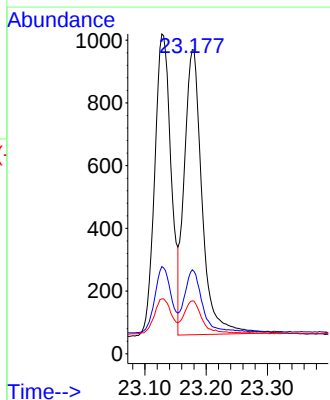
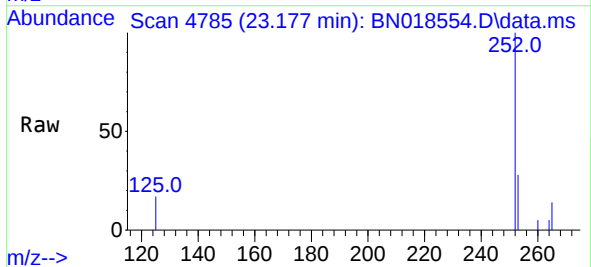
Instrument :
BNA_N
ClientSampleId :
SLCS390

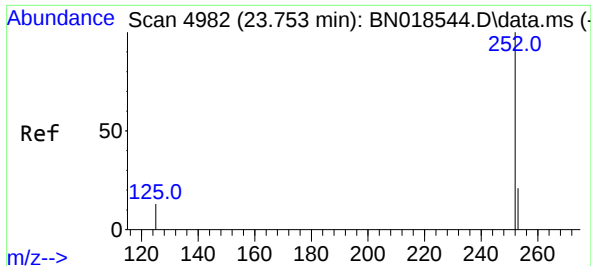
Tgt Ion:252 Resp: 1797
Ion Ratio Lower Upper
252 100
253 27.3 0.0 46.4
125 17.2 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.486 ng/ul
RT: 23.177 min Scan# 4785
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:252 Resp: 1828
Ion Ratio Lower Upper
252 100
253 27.6 18.6 28.0
125 17.4 7.3 10.9#

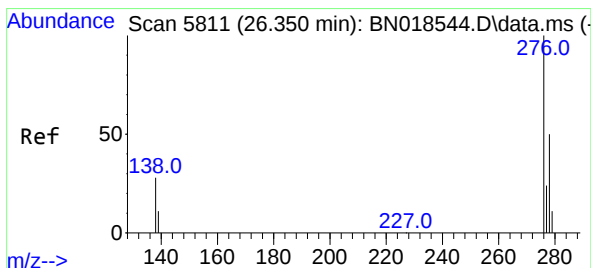
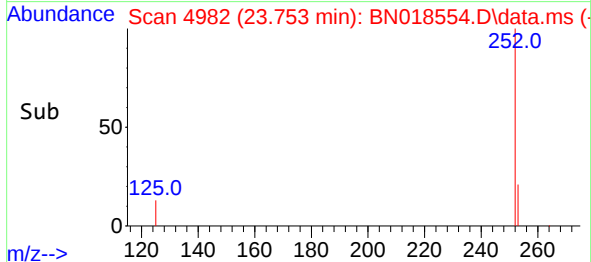
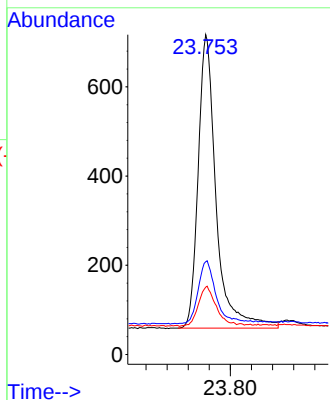
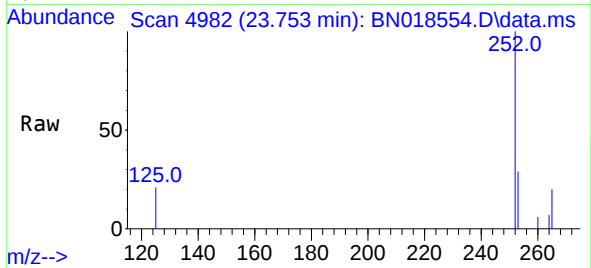




#26
Benzo(a)pyrene
Concen: 0.537 ng/ul
RT: 23.753 min Scan# 4982
Delta R.T. -0.000 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

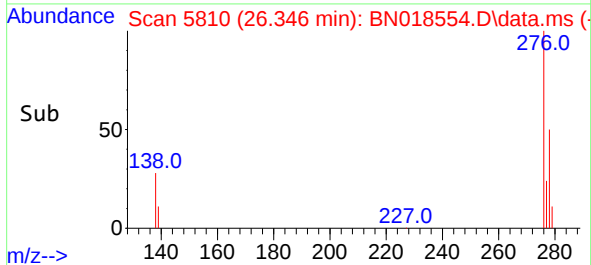
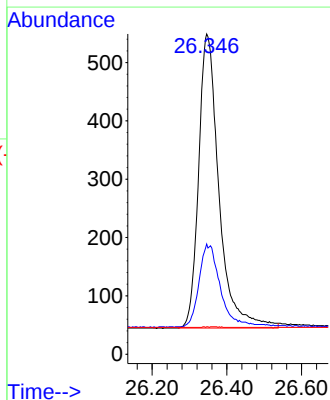
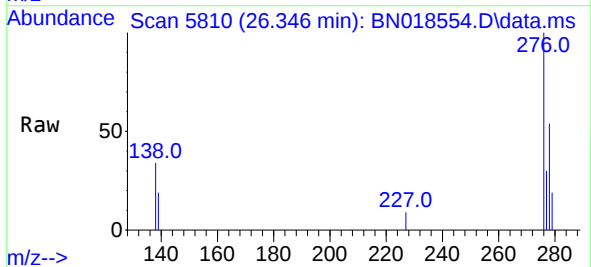
Instrument :
BNA_N
ClientSampleId :
SLCS390

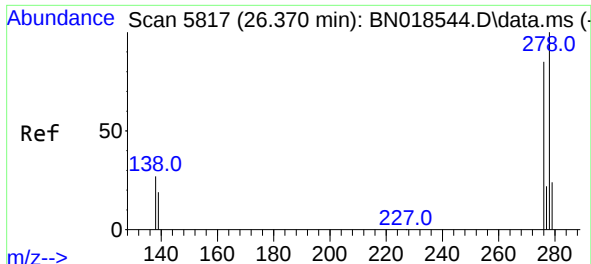
Tgt Ion:252 Resp: 1556
Ion Ratio Lower Upper
252 100
253 29.0 18.9 28.3#
125 21.1 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.498 ng/ul
RT: 26.346 min Scan# 5810
Delta R.T. -0.004 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:276 Resp: 1905
Ion Ratio Lower Upper
276 100
138 30.3 16.5 24.7#
227 0.1 0.1 0.1#

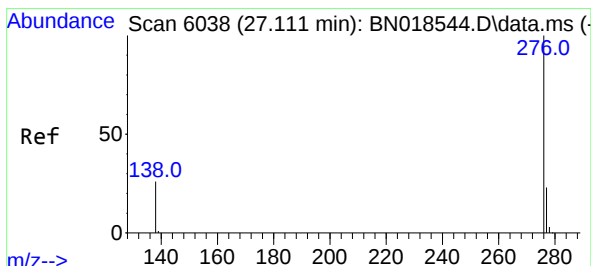
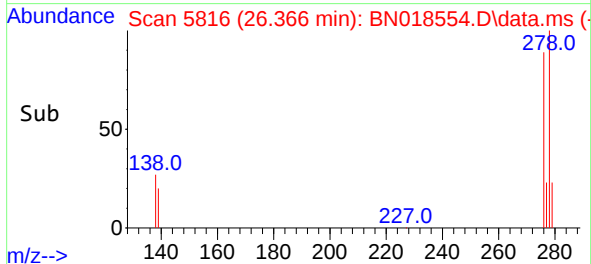
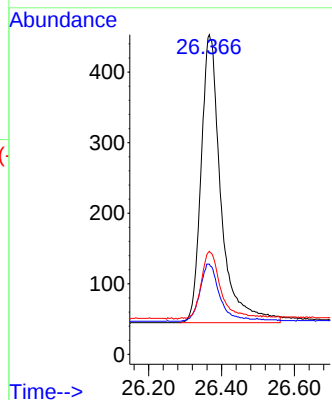
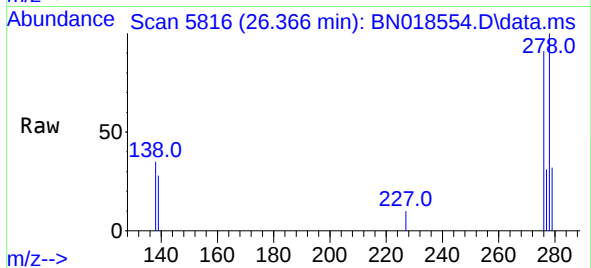




#28
Dibenzo(a,h)anthracene
Concen: 0.514 ng/ul
RT: 26.366 min Scan# 5816
Delta R.T. -0.004 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS390

Tgt Ion:278 Resp: 1538
Ion Ratio Lower Upper
278 100
139 28.3 11.9 17.9#
279 32.2 19.5 29.3#



#29
Benzo(g,h,i)perylene
Concen: 0.517 ng/ul
RT: 27.104 min Scan# 6036
Delta R.T. -0.007 min
Lab File: BN018554.D
Acq: 02 Feb 2022 17:51

Tgt Ion:276 Resp: 1762
Ion Ratio Lower Upper
276 100
138 32.2 14.4 21.6#
277 29.9 19.2 28.8#

