

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020122\
 Data File : BN018538.D
 Acq On : 02 Feb 2022 05:53
 Operator : CG/JU
 Sample : PB142390BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS390

Quant Time: Feb 02 06:22:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 03:59:58 2022
 Response via : Initial Calibration

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

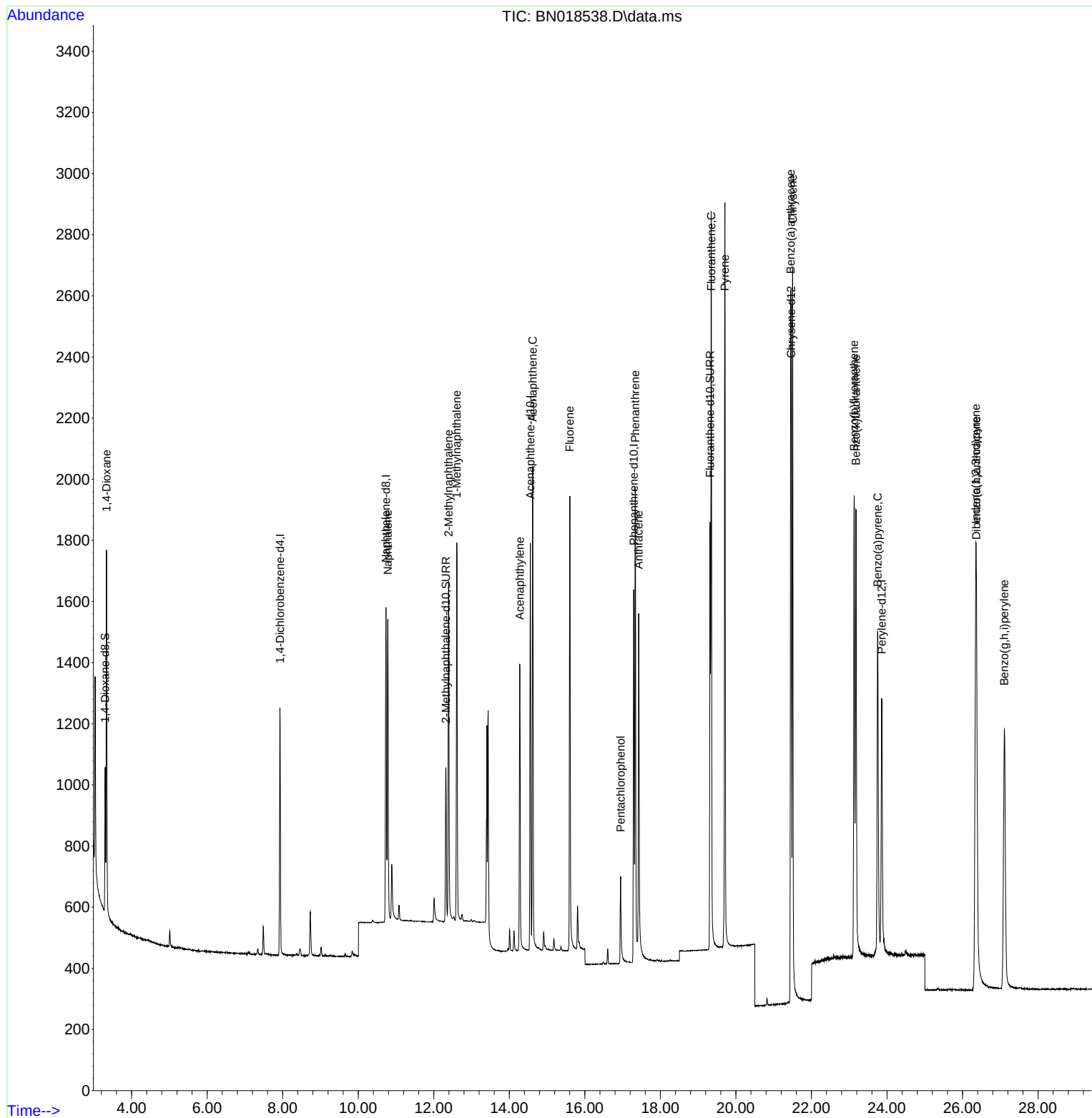
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	417	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1422	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.558	164	764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.294	188	1511	0.400	ng/ul #	0.00
17) Chrysene-d12	21.465	240	1367	0.400	ng/ul #	0.00
23) Perylene-d12	23.861	264	1205	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	295	0.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	707	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.319	212	1572	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	823	1.630	ng/ul#	75
5) Naphthalene	10.783	128	1364	0.348	ng/ul#	90
7) 2-Methylnaphthalene	12.394	142	847	0.341	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	862	0.339	ng/ul	100
10) Acenaphthylene	14.276	152	1187	0.374	ng/ul#	89
11) Acenaphthene	14.618	153	941	0.356	ng/ul	98
12) Fluorene	15.603	166	1028	0.364	ng/ul#	97
14) Pentachlorophenol	16.947	266	232	1.728	ng/ul	100
15) Phenanthrene	17.336	178	1769	0.363	ng/ul#	93
16) Anthracene	17.424	178	1416	0.352	ng/ul#	91
19) Fluoranthene	19.346	202	2076	0.393	ng/ul#	86
20) Pyrene	19.709	202	2141	0.395	ng/ul#	87
21) Benzo(a)anthracene	21.450	228	1762	0.392	ng/ul	95
22) Chrysene	21.503	228	2150	0.415	ng/ul	97
24) Benzo(b)fluoranthene	23.130	252	2039	0.406	ng/ul	89
25) Benzo(k)fluoranthene	23.177	252	2093	0.397	ng/ul#	89
26) Benzo(a)pyrene	23.753	252	1850	0.443	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.349	276	2159	0.396	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.370	278	1751	0.409	ng/ul#	80
29) Benzo(g,h,i)perylene	27.107	276	1973	0.416	ng/ul#	81

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

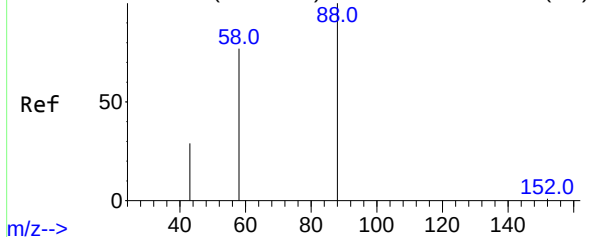
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020122\
Data File : BN018538.D
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ALS Vial : 34 Sample Multiplier: 1

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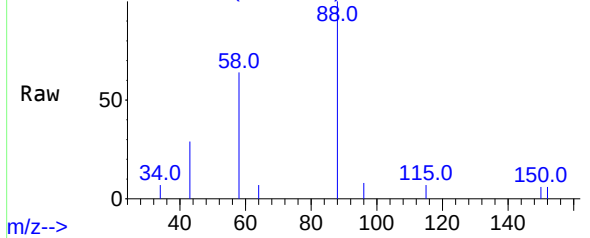
Quant Time: Feb 02 06:22:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 03:59:58 2022
Response via : Initial Calibration



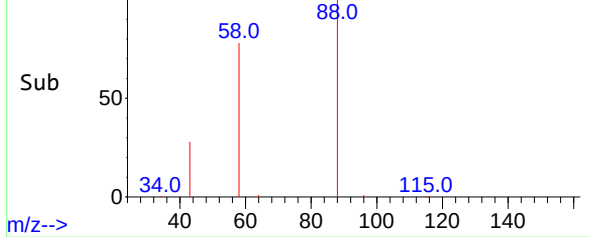
Abundance Scan 83 (3.333 min): BN018523.D\data.ms (-76)



Abundance Scan 84 (3.337 min): BN018538.D\data.ms



Abundance Scan 84 (3.337 min): BN018538.D\data.ms (-59)



#2

1,4-Dioxane

Concen: 1.630 ng/ul

RT: 3.337 min Scan# 84

Delta R.T. 0.004 min

Lab File: BN018538.D

Acq: 02 Feb 2022 05:53

Instrument :

BNA_N

ClientSampleId :

SLCS390

Tgt Ion: 88 Resp: 823

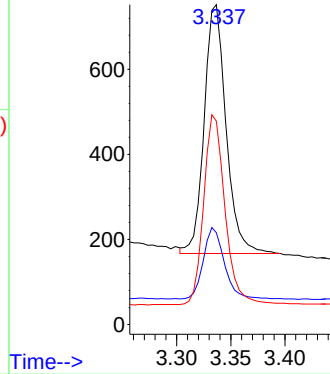
Ion Ratio Lower Upper

88 100

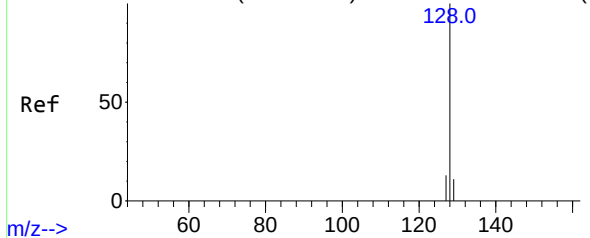
43 28.7 47.8 71.8#

58 63.6 46.2 69.2

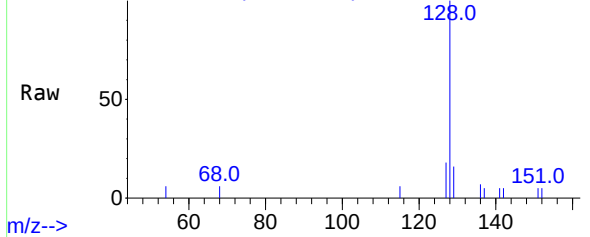
Abundance



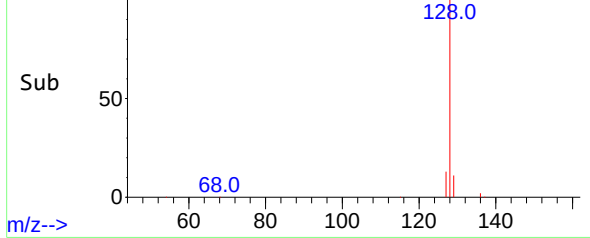
Abundance Scan 1809 (10.784 min): BN018523.D\data.ms (-



Abundance Scan 1809 (10.783 min): BN018538.D\data.ms



Abundance Scan 1809 (10.783 min): BN018538.D\data.ms (-



#5

Naphthalene

Concen: 0.348 ng/ul

RT: 10.783 min Scan# 1809

Delta R.T. -0.002 min

Lab File: BN018538.D

Acq: 02 Feb 2022 05:53

Tgt Ion:128 Resp: 1364

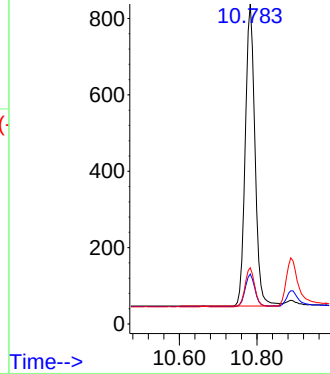
Ion Ratio Lower Upper

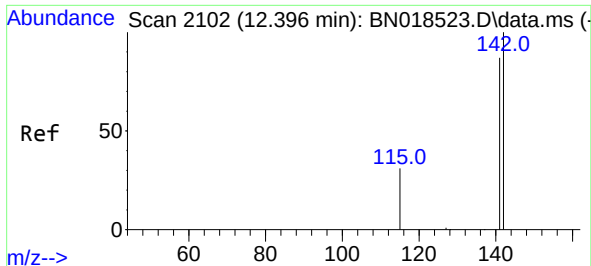
128 100

129 15.6 9.4 14.0#

127 17.5 11.0 16.6#

Abundance

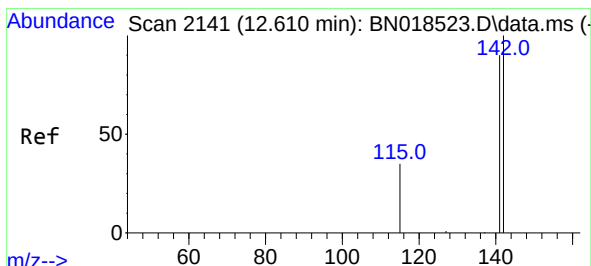
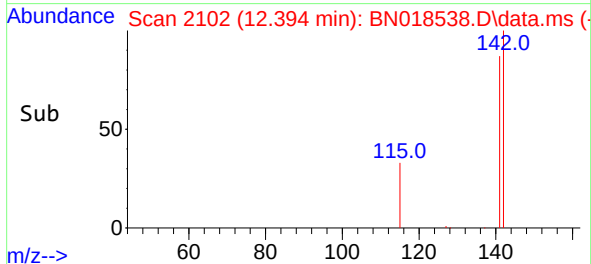
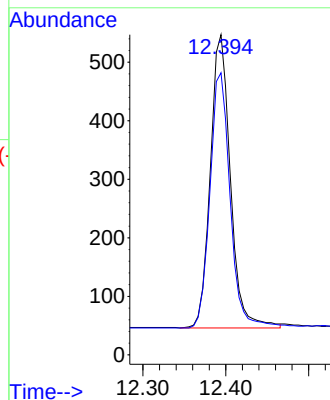
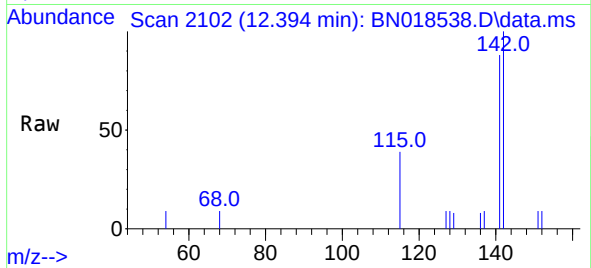




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.394 min Scan# 2102
Delta R.T. -0.002 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

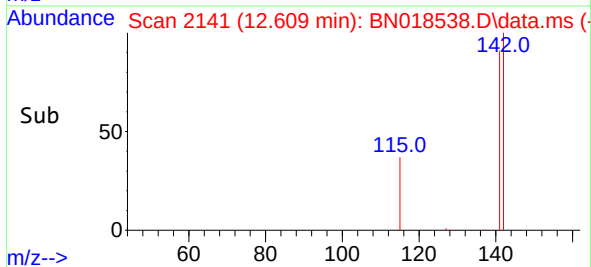
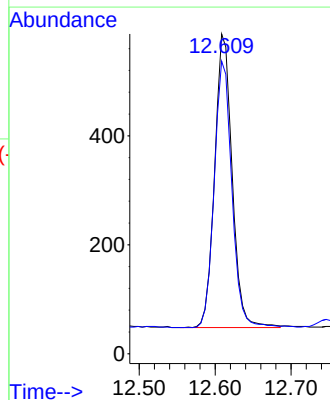
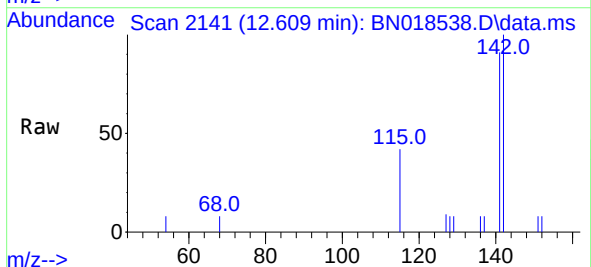
Instrument :
BNA_N
ClientSampleId :
SLCS390

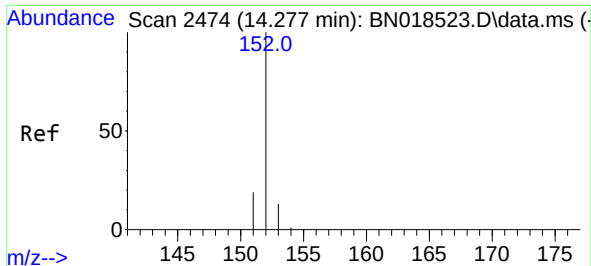
Tgt Ion:142 Resp: 847
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.609 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:142 Resp: 862
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8

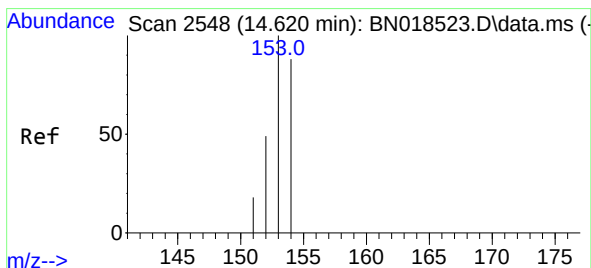
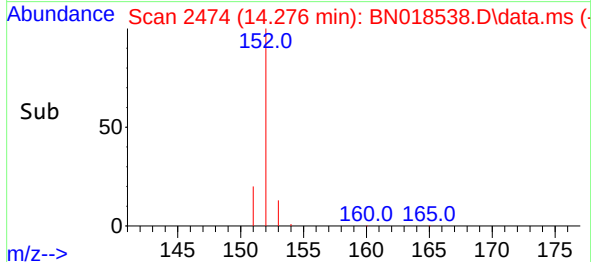
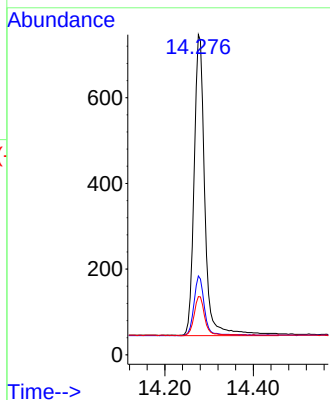
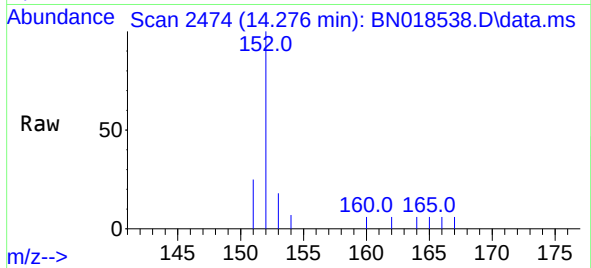




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

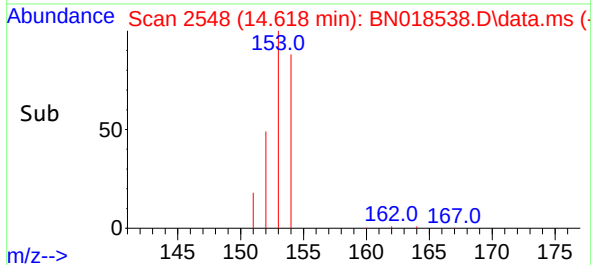
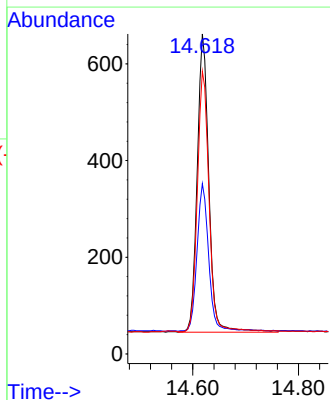
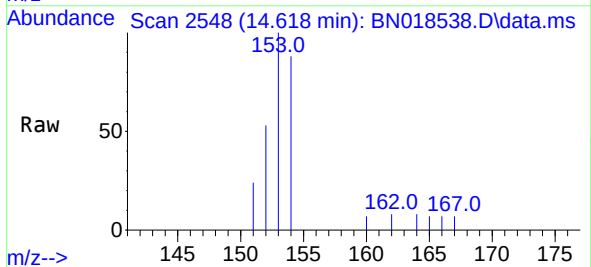
Instrument :
BNA_N
ClientSampleId :
SLCS390

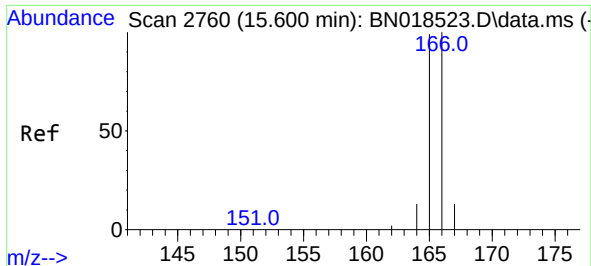
Tgt Ion:152 Resp: 1187
Ion Ratio Lower Upper
152 100
151 24.6 15.8 23.8#
153 18.2 10.7 16.1#



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.002 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:153 Resp: 941
Ion Ratio Lower Upper
153 100
152 53.2 39.7 59.5
154 88.4 70.9 106.3

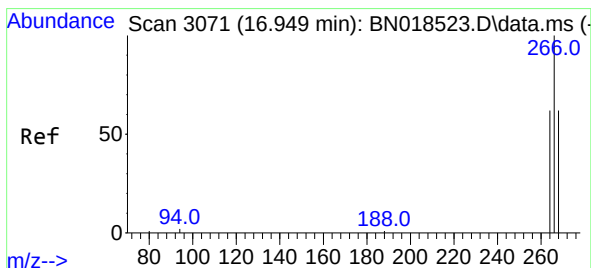
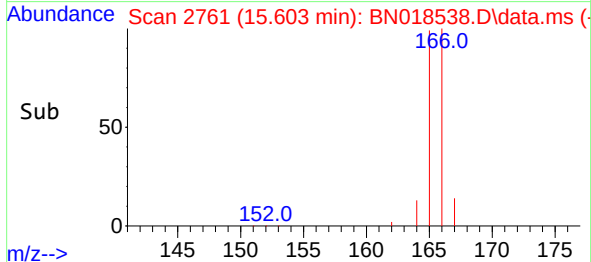
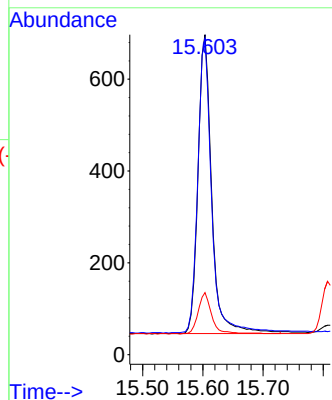
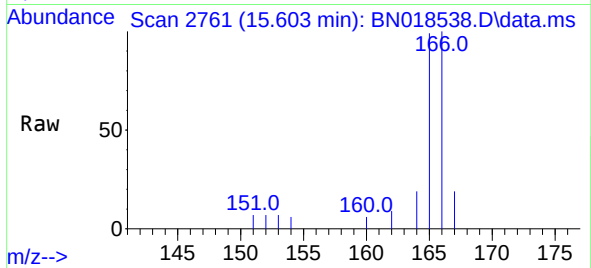




#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.603 min Scan# 2760
Delta R.T. -0.002 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

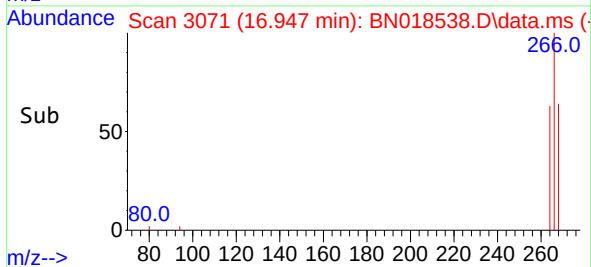
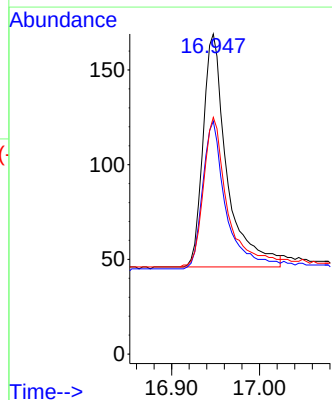
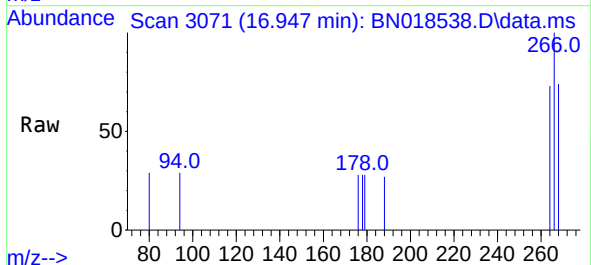
Instrument :
BNA_N
ClientSampleId :
SLCS390

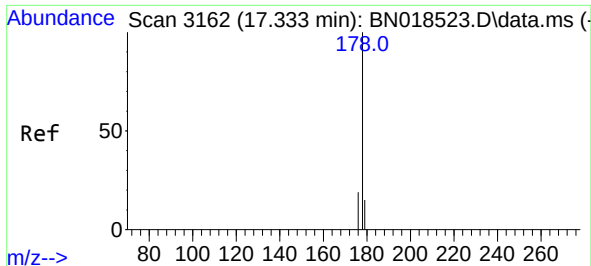
Tgt Ion:166 Resp: 1028
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.6
167 19.4 11.6 17.4#



#14
Pentachlorophenol
Concen: 1.728 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.001 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

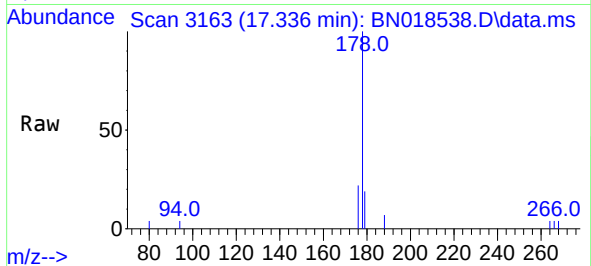
Tgt Ion:266 Resp: 232
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 64.7 51.7 77.5



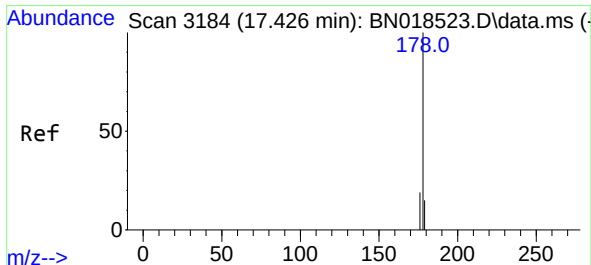
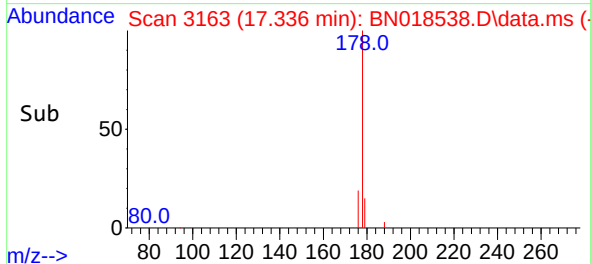
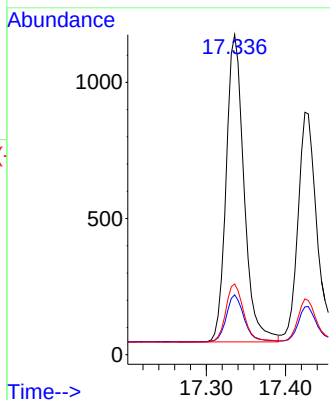


#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.336 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Instrument :
BNA_N
ClientSampleId :
SLCS390

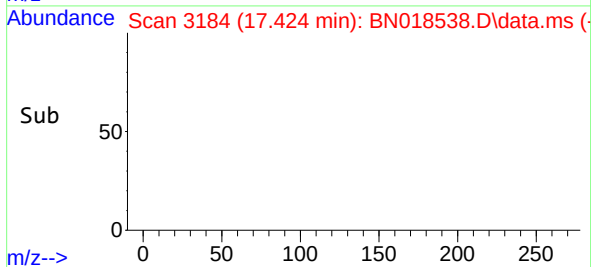
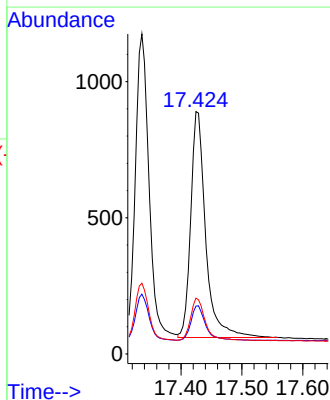
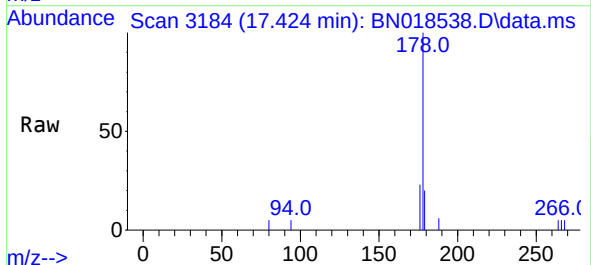


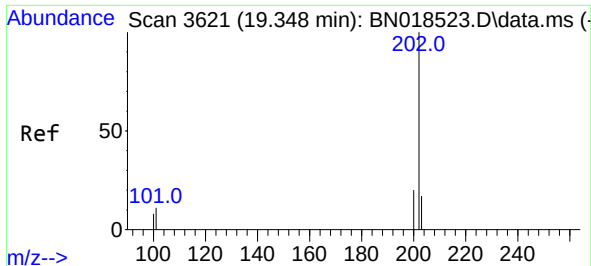
Tgt Ion:178 Resp: 1769
Ion Ratio Lower Upper
178 100
179 18.7 12.2 18.4#
176 22.1 15.4 23.2



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.424 min Scan# 3184
Delta R.T. -0.005 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:178 Resp: 1416
Ion Ratio Lower Upper
178 100
179 19.8 12.3 18.5#
176 23.0 15.5 23.3

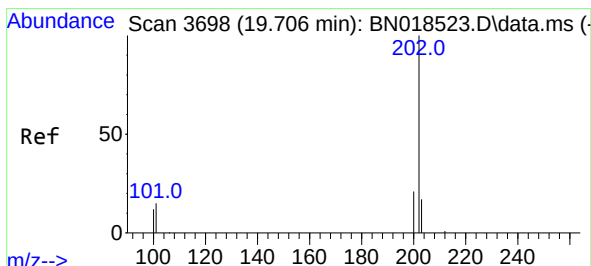
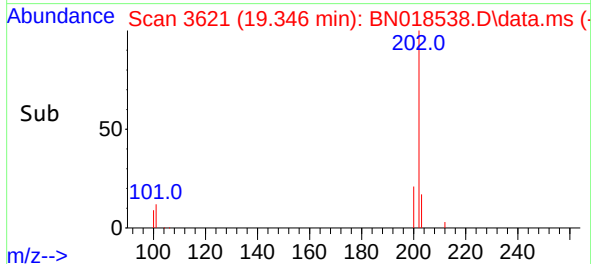
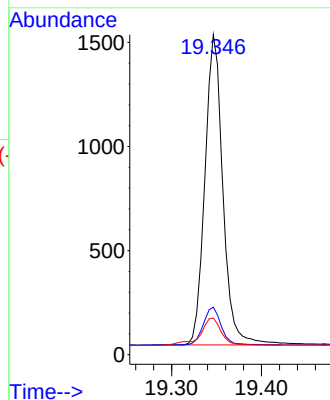
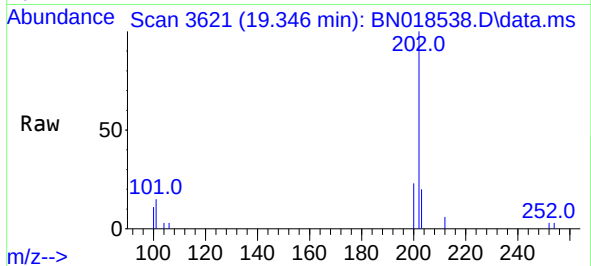




#19
Fluoranthene
Concen: 0.393 ng/u1
RT: 19.346 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

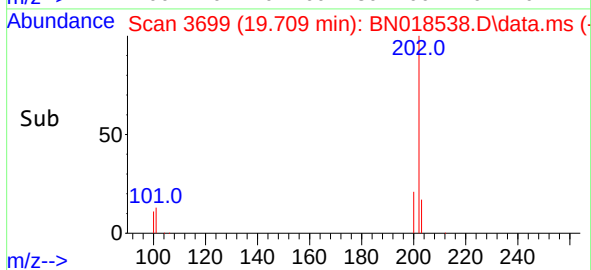
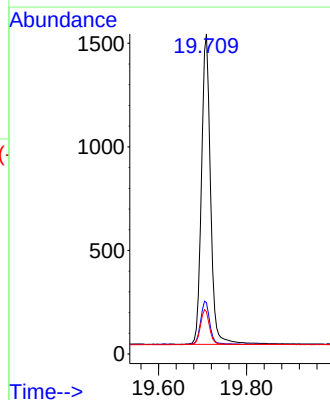
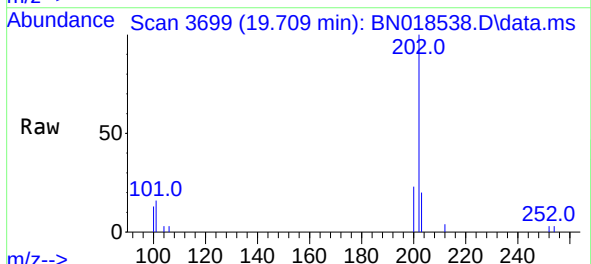
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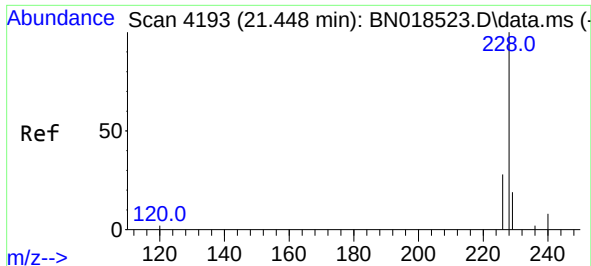
Tgt Ion:202 Resp: 2076
Ion Ratio Lower Upper
202 100
101 14.8 7.5 11.3#
100 11.5 5.4 8.2#



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.709 min Scan# 3699
Delta R.T. -0.001 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:202 Resp: 2141
Ion Ratio Lower Upper
202 100
101 16.1 9.0 13.4#
100 13.2 7.0 10.4#

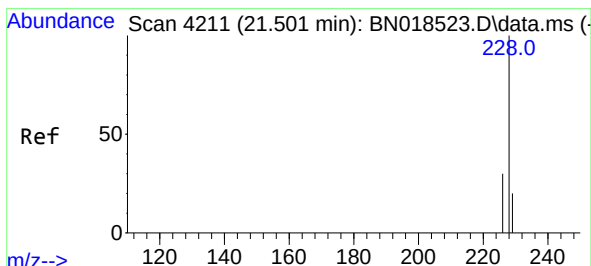
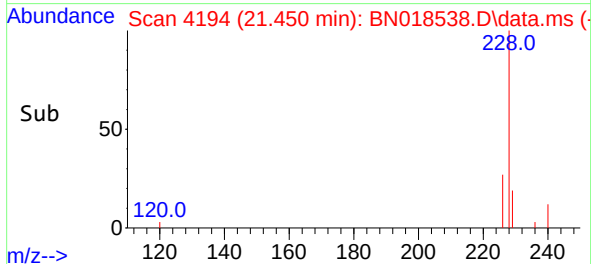
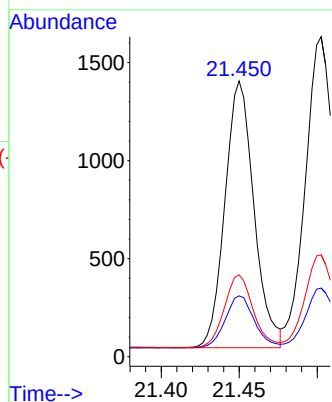
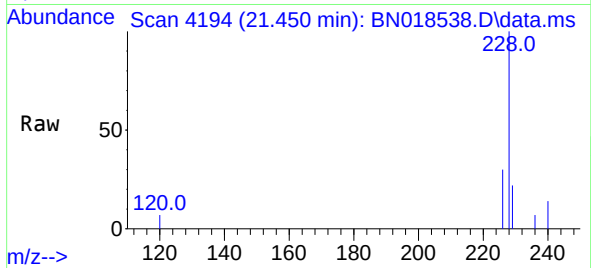




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.007 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

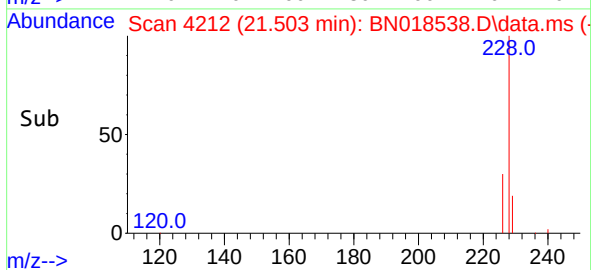
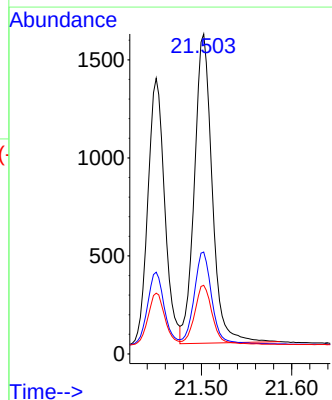
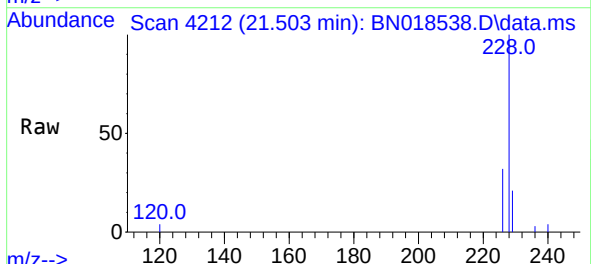
Instrument :
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ClientSampleId :
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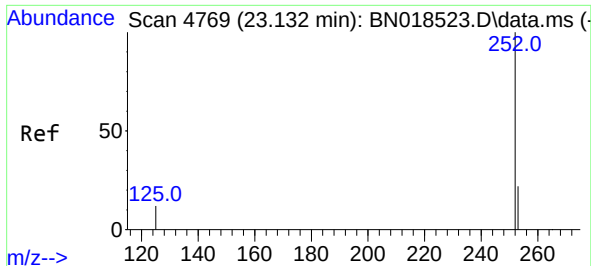
Tgt Ion:228 Resp: 1762
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.7 22.1 33.1



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.503 min Scan# 4212
Delta R.T. -0.004 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:228 Resp: 2150
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.4
229 21.4 15.7 23.5

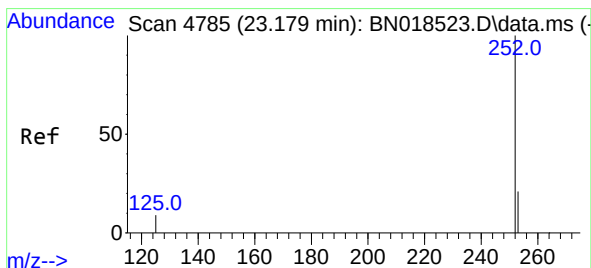
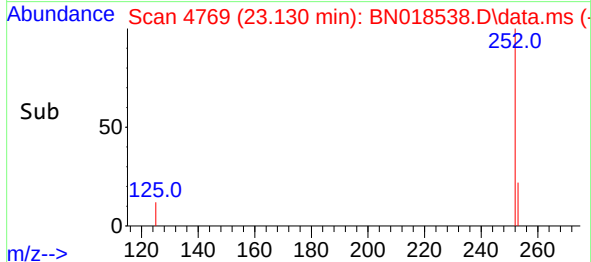
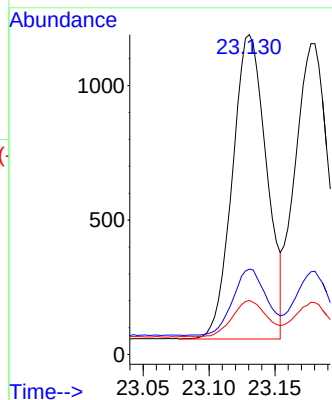
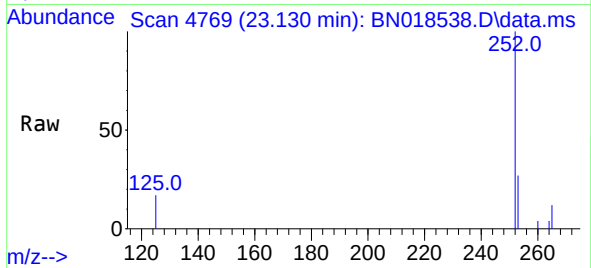




#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 23.130 min Scan# 4769
Delta R.T. -0.010 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

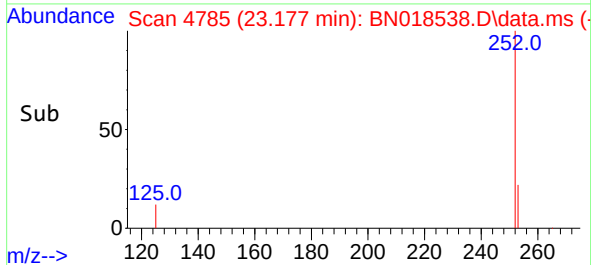
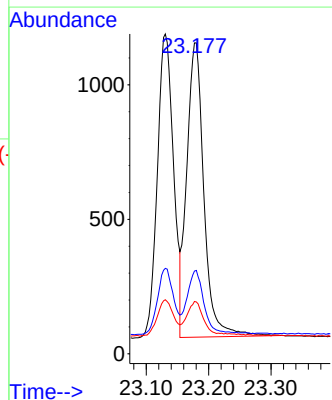
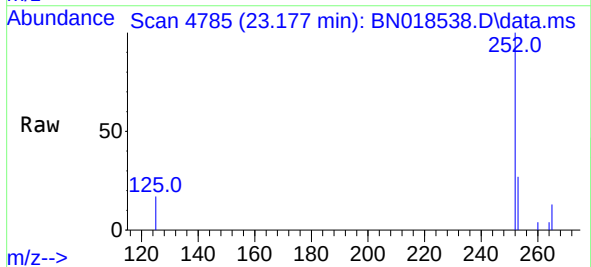
Instrument :
BNA_N
ClientSampleId :
SLCS390

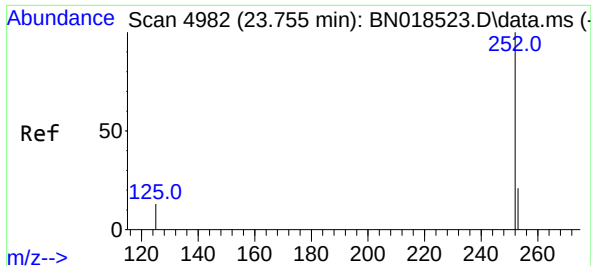
Tgt Ion:252	Resp:	2039
Ion Ratio	Lower	Upper
252	100	
253	26.7	0.0 46.4
125	16.9	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.177 min Scan# 4785
Delta R.T. -0.010 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:252	Resp:	2093
Ion Ratio	Lower	Upper
252	100	
253	26.6	18.6 28.0
125	16.9	7.3 10.9#

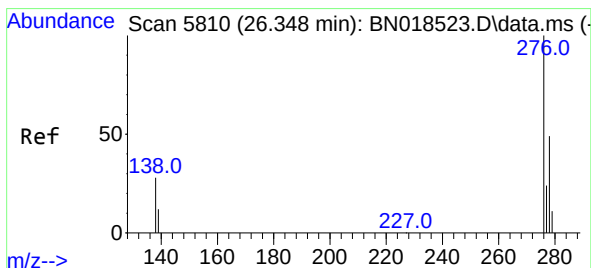
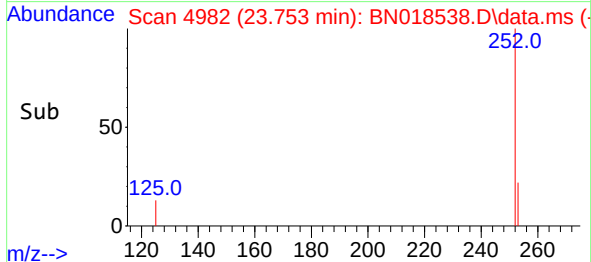
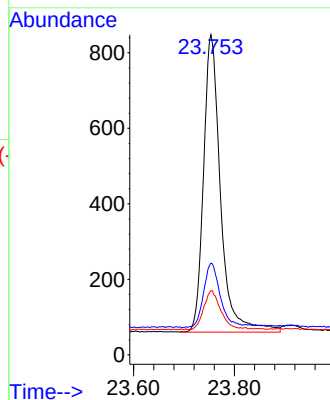
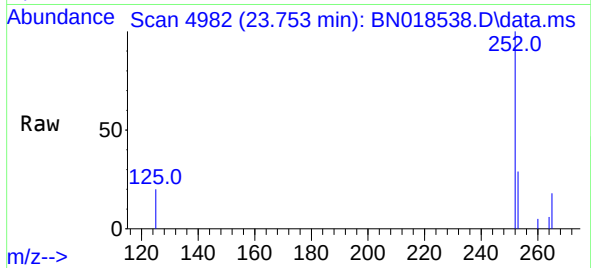




#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.753 min Scan# 4982
Delta R.T. -0.010 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

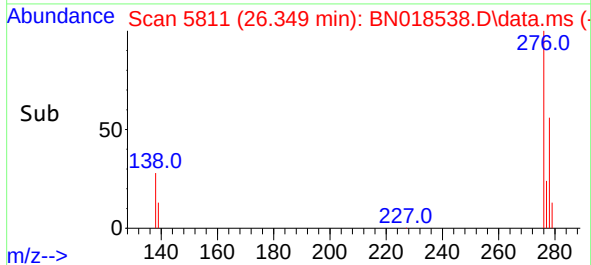
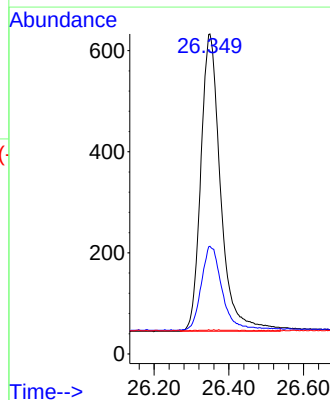
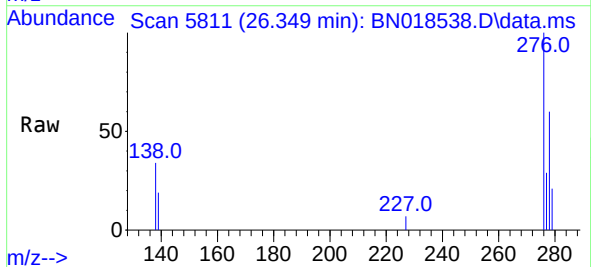
Instrument :
BNA_N
ClientSampleId :
SLCS390

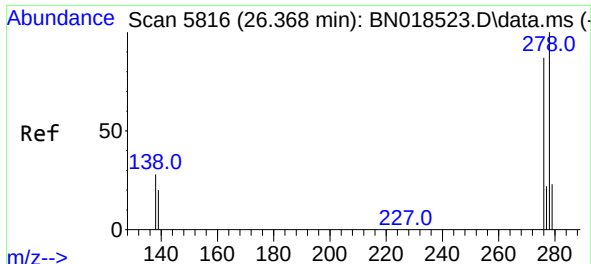
Tgt Ion:252 Resp: 1850
Ion Ratio Lower Upper
252 100
253 28.7 18.9 28.3#
125 20.0 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 26.349 min Scan# 5811
Delta R.T. -0.015 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:276 Resp: 2159
Ion Ratio Lower Upper
276 100
138 30.0 16.5 24.7#
227 0.1 0.1 0.1

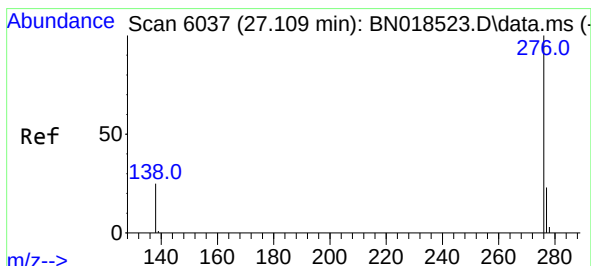
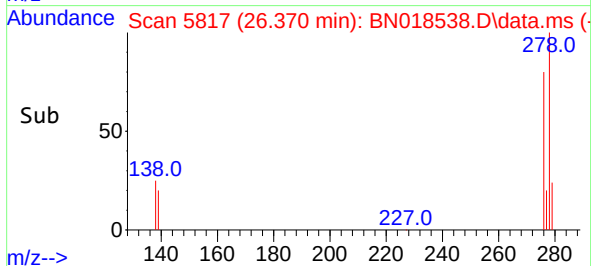
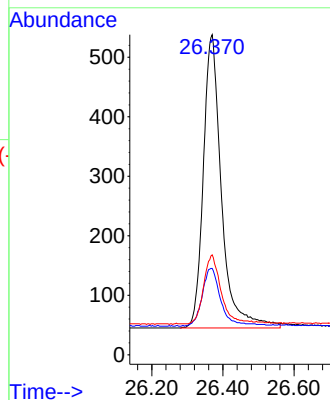
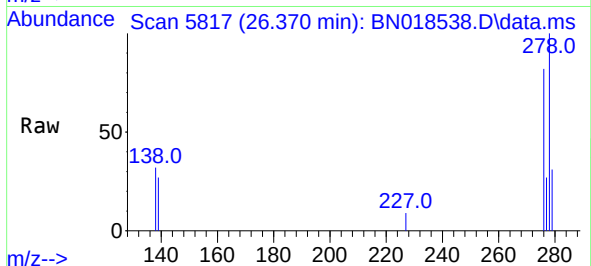




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.370 min Scan# 5816
Delta R.T. -0.018 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Instrument :
BNA_N
ClientSampleId :
SLCS390

Tgt Ion:278 Resp: 1751
Ion Ratio Lower Upper
278 100
139 27.0 11.9 17.9#
279 31.2 19.5 29.3#



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 27.107 min Scan# 6037
Delta R.T. -0.018 min
Lab File: BN018538.D
Acq: 02 Feb 2022 05:53

Tgt Ion:276 Resp: 1973
Ion Ratio Lower Upper
276 100
138 31.7 14.4 21.6#
277 29.2 19.2 28.8#

