

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
 Data File : BN018546.D
 Acq On : 02 Feb 2022 12:58
 Operator : CG/JU
 Sample : SSTD1.640
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6240

Quant Time: Feb 02 13:45:20 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 13:41:15 2022
 Response via : Initial Calibration

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

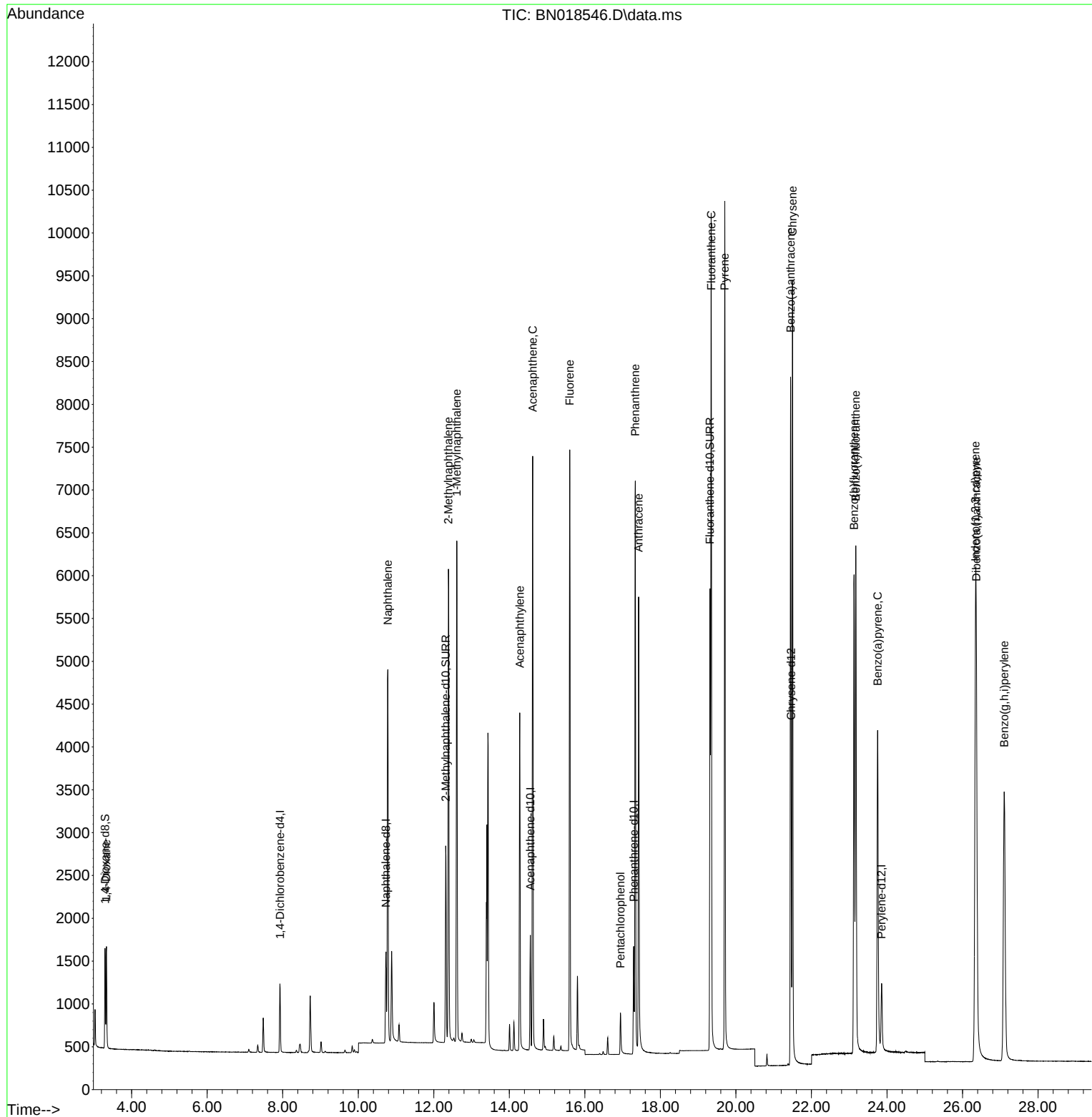
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	413	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1447	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.558	164	762	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.294	188	1482	0.400	ng/ul #	0.00
17) Chrysene-d12	21.462	240	1389	0.400	ng/ul #	0.00
23) Perylene-d12	23.858	264	1116	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	708	1.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	3029	1.552	ng/ul	0.00
18) Fluoranthene-d10	19.314	212	5845	1.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	770	1.540	ng/ul#	72
5) Naphthalene	10.783	128	6027	1.513	ng/ul	100
7) 2-Methylnaphthalene	12.389	142	3981	1.574	ng/ul	100
8) 1-Methylnaphthalene	12.609	142	3984	1.540	ng/ul	100
10) Acenaphthylene	14.276	152	4603	1.453	ng/ul	98
11) Acenaphthene	14.618	153	3992	1.516	ng/ul	99
12) Fluorene	15.599	166	4534	1.608	ng/ul	99
14) Pentachlorophenol	16.943	266	382	2.901	ng/ul	99
15) Phenanthrene	17.336	178	7310	1.530	ng/ul	99
16) Anthracene	17.424	178	6239	1.582	ng/ul	99
19) Fluoranthene	19.346	202	8364	1.559	ng/ul#	93
20) Pyrene	19.704	202	8289	1.504	ng/ul#	90
21) Benzo(a)anthracene	21.447	228	6826	1.493	ng/ul	99
22) Chrysene	21.500	228	7999	1.518	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	7529	1.618	ng/ul	97
25) Benzo(k)fluoranthene	23.174	252	8016	1.643	ng/ul#	96
26) Benzo(a)pyrene	23.753	252	6191	1.599	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.343	276	8251	1.636	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.366	278	6569	1.658	ng/ul#	93
29) Benzo(g,h,i)perylene	27.104	276	7182	1.636	ng/ul#	90

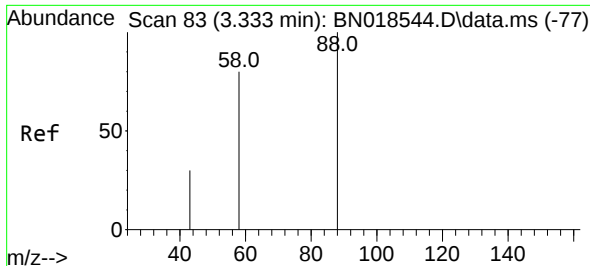
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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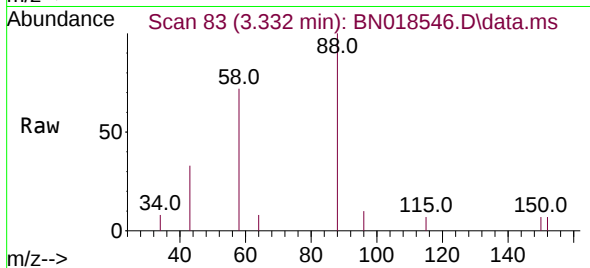
Quant Time: Feb 02 13:45:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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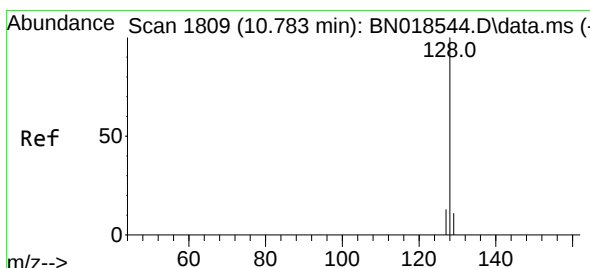
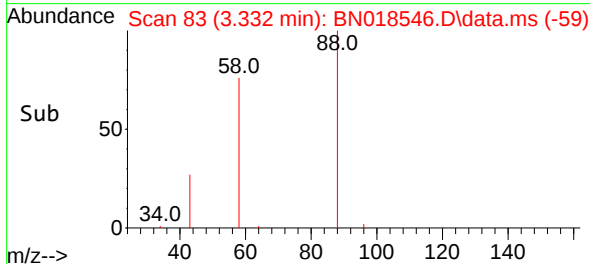
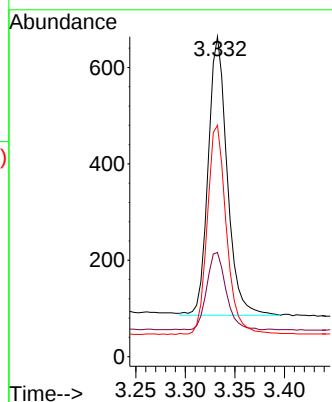
#2
 1,4-Dioxane
 Concen: 1.540 ng/ul
 RT: 3.332 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BN018546.D
 Acq: 02 Feb 2022 12:58

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6240



Tgt Ion: 88 Resp: 770

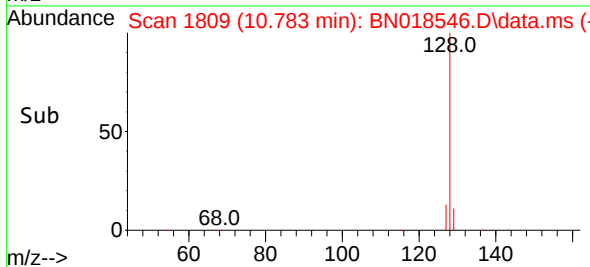
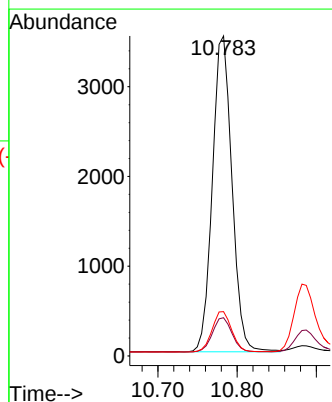
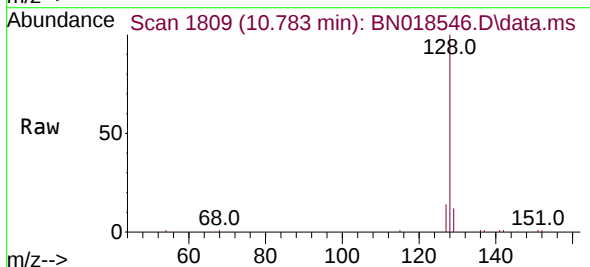
Ion	Ratio	Lower	Upper
88	100		
43	32.5	47.8	71.8#
58	72.3	46.2	69.2#

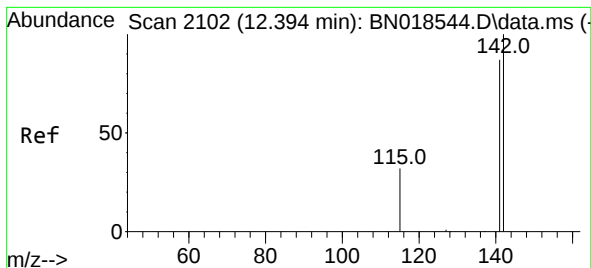


#5
 Naphthalene
 Concen: 1.513 ng/ul
 RT: 10.783 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BN018546.D
 Acq: 02 Feb 2022 12:58

Tgt Ion: 128 Resp: 6027

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.9	11.0	16.6

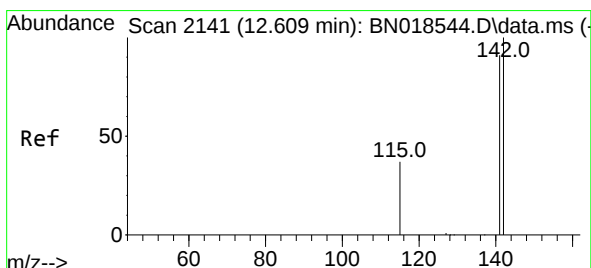
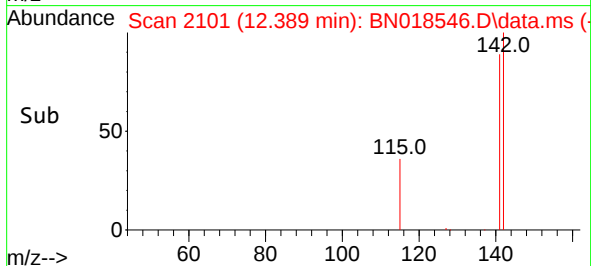
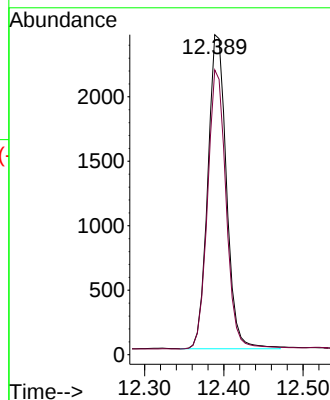
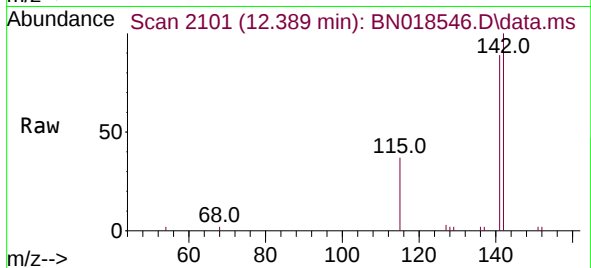




#7
2-Methylnaphthalene
Concen: 1.574 ng/ul
RT: 12.389 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

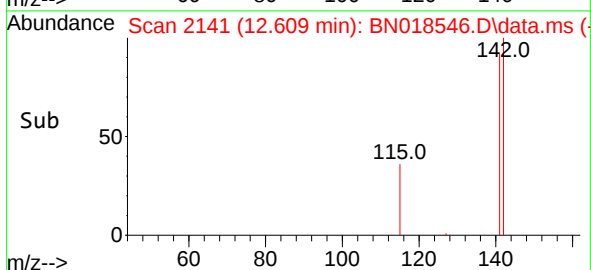
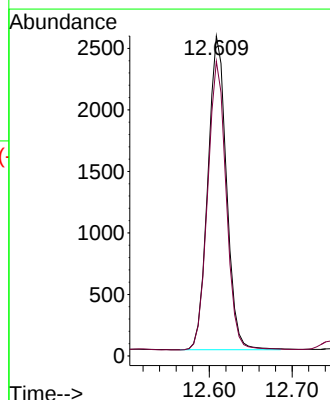
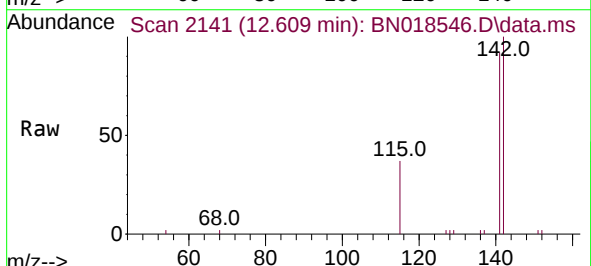
Instrument :
BNA_N
ClientSampleId :
SSTD1.6240

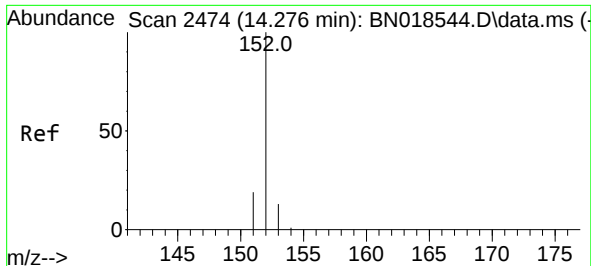
Tgt Ion:142 Resp: 3981
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 1.540 ng/ul
RT: 12.609 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:142 Resp: 3984
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8

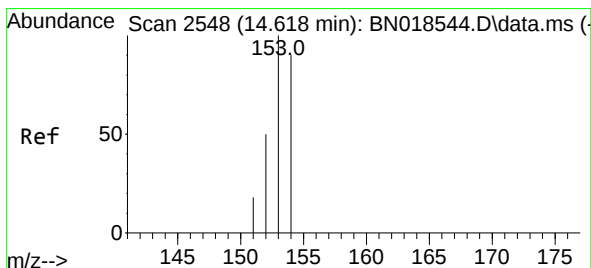
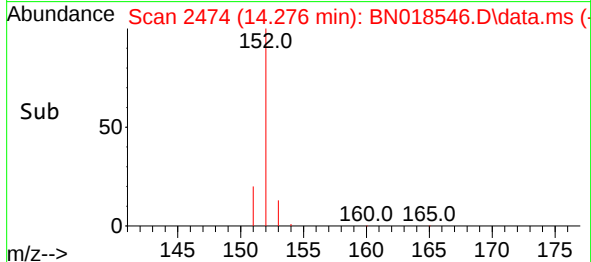
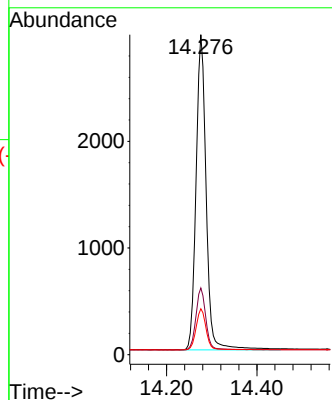
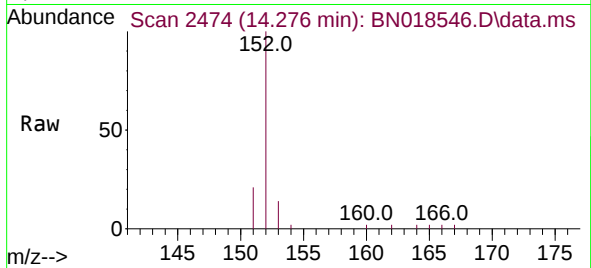




#10
Acenaphthylene
Concen: 1.453 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

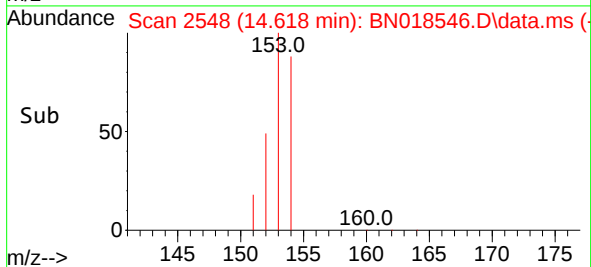
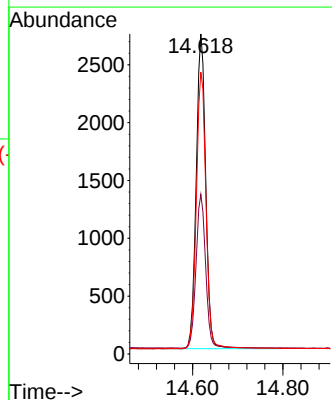
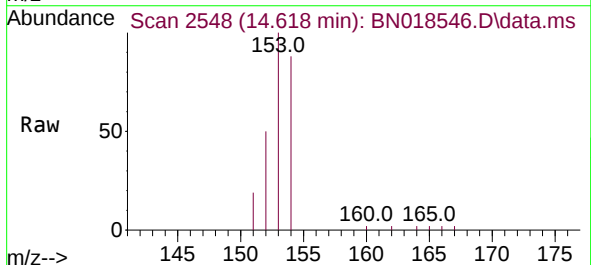
Instrument :
BNA_N
ClientSampleId :
SSTD1.6240

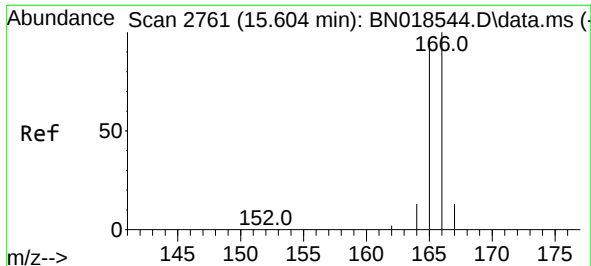
Tgt Ion:152 Resp: 4603
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 14.3 10.7 16.1



#11
Acenaphthene
Concen: 1.516 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:153 Resp: 3992
Ion Ratio Lower Upper
153 100
152 49.9 39.7 59.5
154 88.1 70.9 106.3

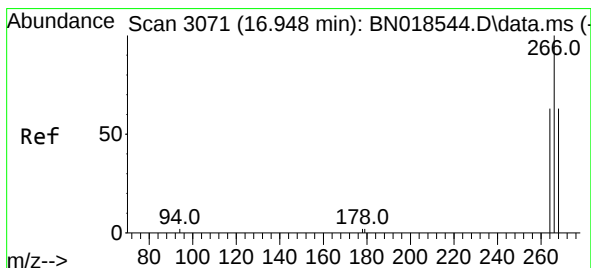
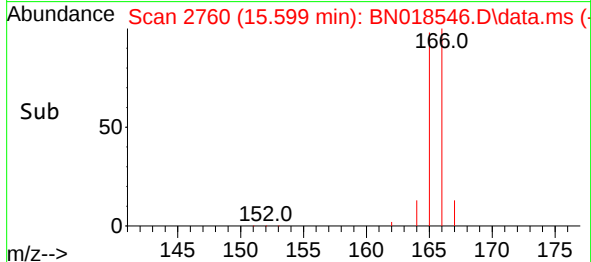
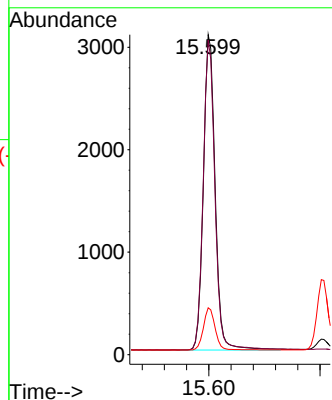
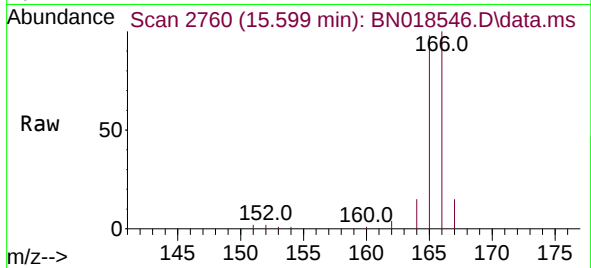




#12
Fluorene
Concen: 1.608 ng/ul
RT: 15.599 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

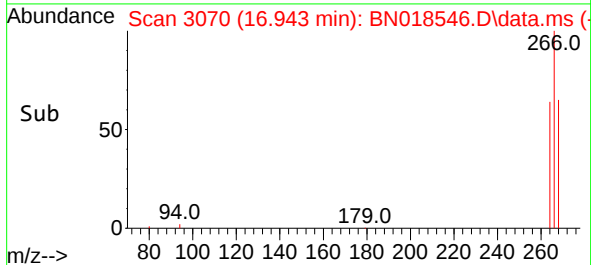
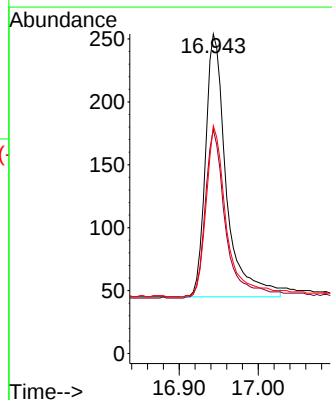
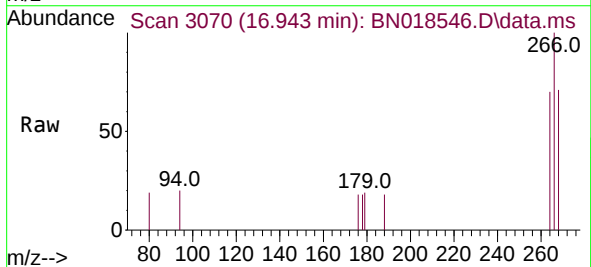
Instrument :
BNA_N
ClientSampleId :
SSTD1.6240

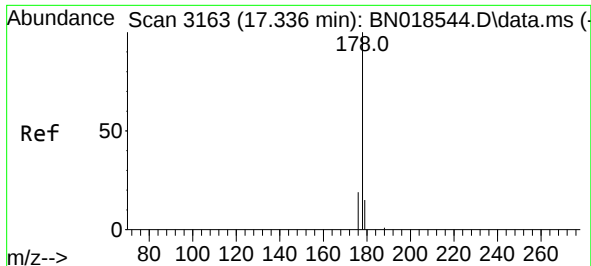
Tgt Ion:166 Resp: 4534
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 14.7 11.6 17.4



#14
Pentachlorophenol
Concen: 2.901 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:266 Resp: 382
Ion Ratio Lower Upper
266 100
264 63.9 49.9 74.9
268 64.4 51.7 77.5

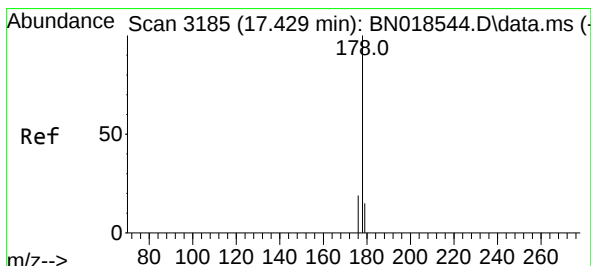
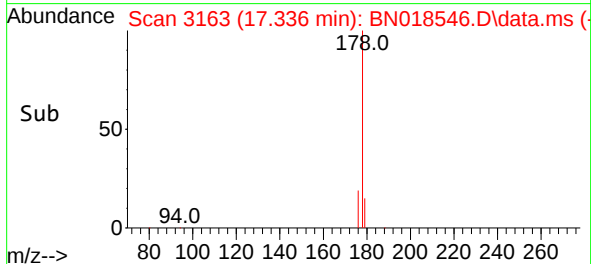
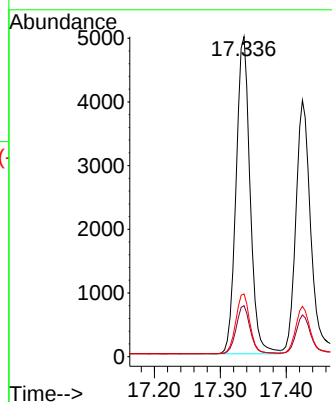
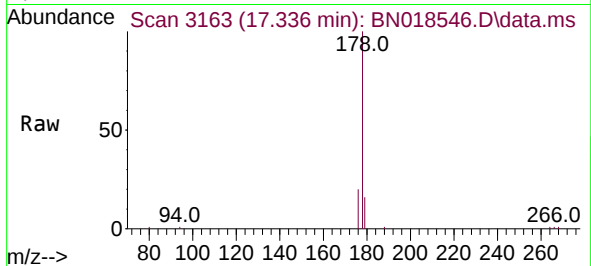




#15
Phenanthrene
Concen: 1.530 ng/ul
RT: 17.336 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

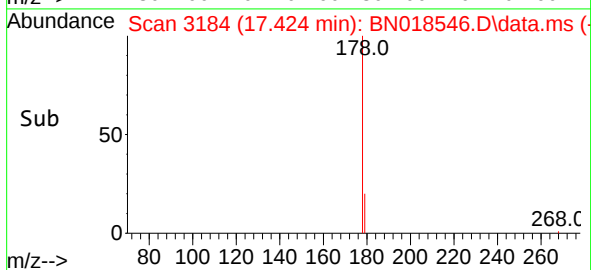
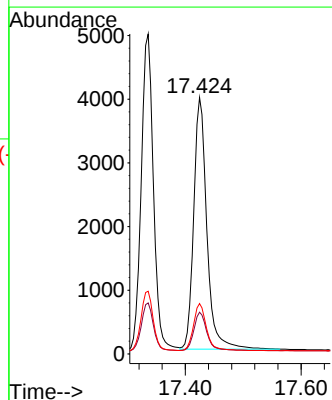
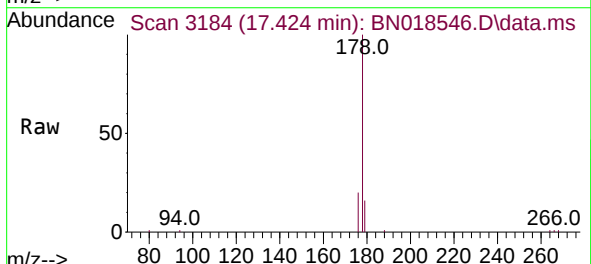
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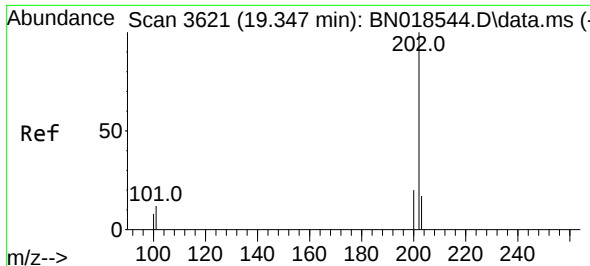
Tgt Ion:178 Resp: 7310
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.6 15.4 23.2



#16
Anthracene
Concen: 1.582 ng/ul
RT: 17.424 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:178 Resp: 6239
Ion Ratio Lower Upper
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179 16.3 12.3 18.5
176 19.6 15.5 23.3

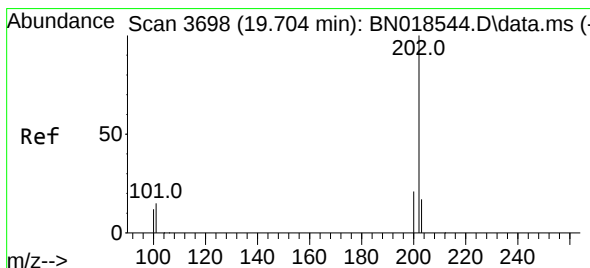
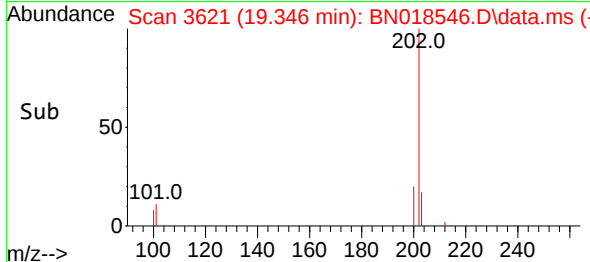
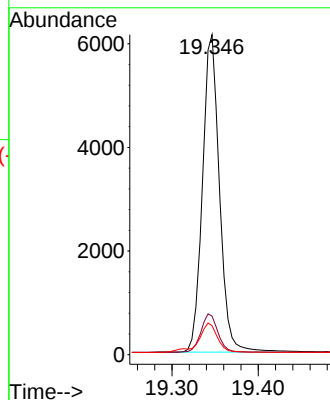
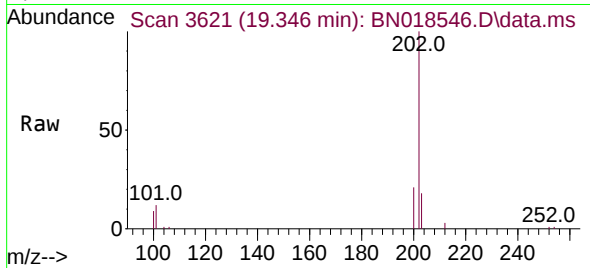




#19
Fluoranthene
Concen: 1.559 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

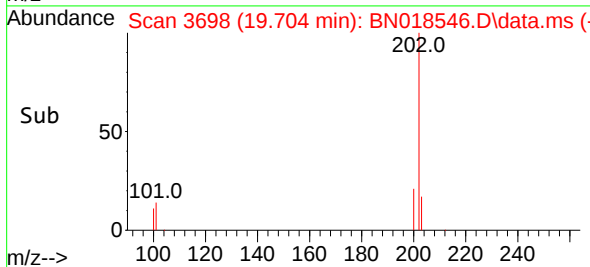
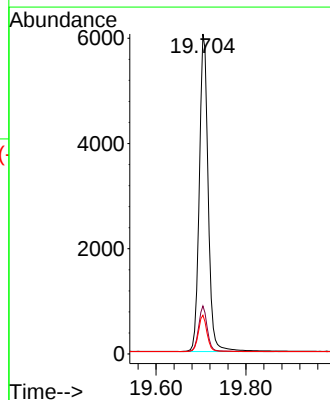
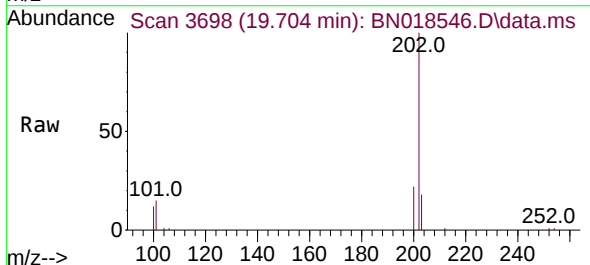
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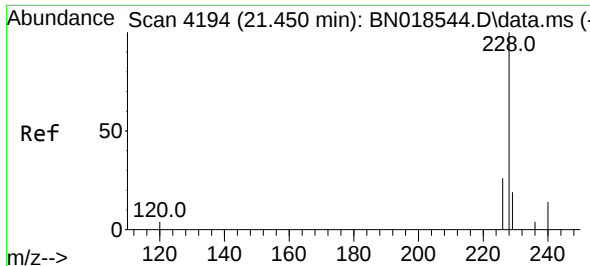
Tgt Ion:202 Resp: 8364
Ion Ratio Lower Upper
202 100
101 12.1 7.5 11.3#
100 9.0 5.4 8.2#



#20
Pyrene
Concen: 1.504 ng/ul
RT: 19.704 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:202 Resp: 8289
Ion Ratio Lower Upper
202 100
101 15.0 9.0 13.4#
100 12.1 7.0 10.4#

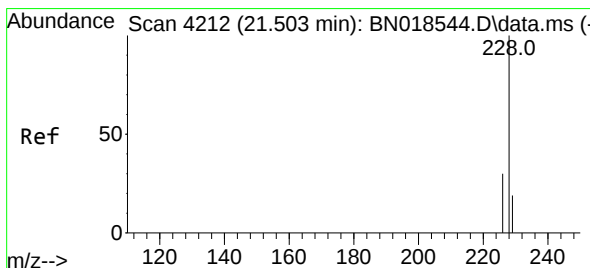
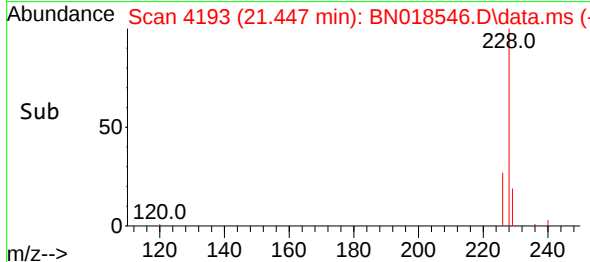
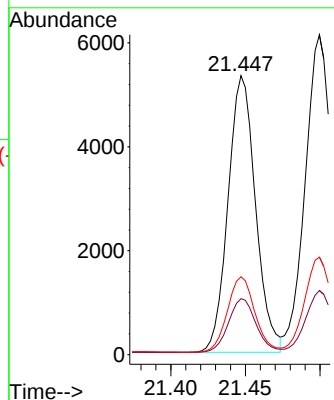
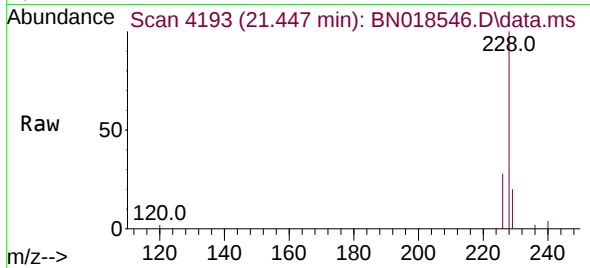




#21
Benzo(a)anthracene
Concen: 1.493 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

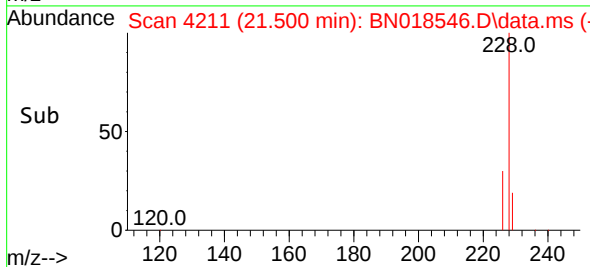
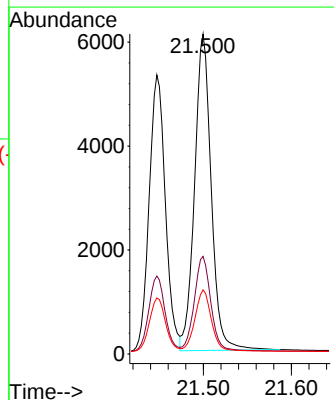
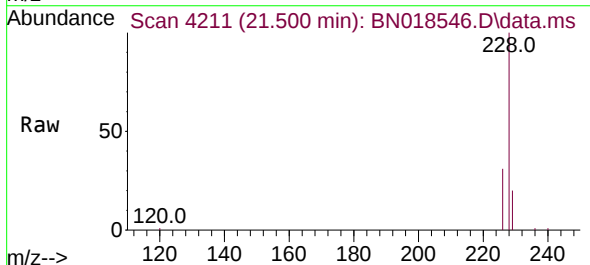
Instrument :
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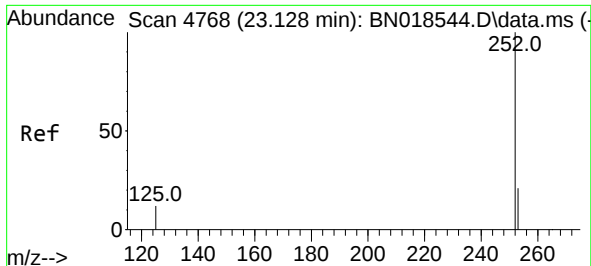
Tgt Ion:228 Resp: 6826
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.9 22.1 33.1



#22
Chrysene
Concen: 1.518 ng/ul
RT: 21.500 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:228 Resp: 7999
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 20.1 15.7 23.5

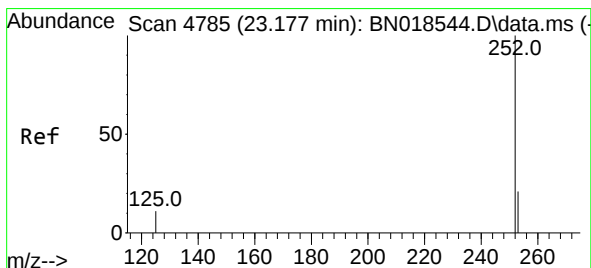
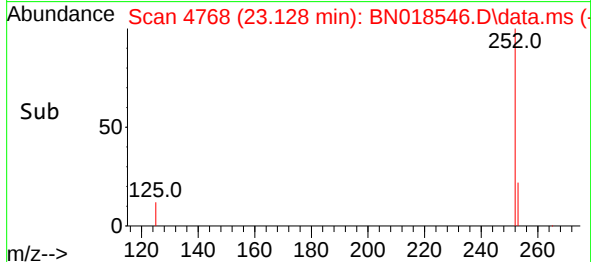
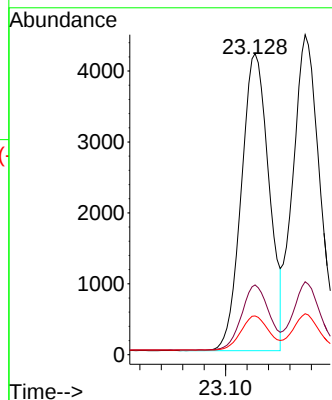
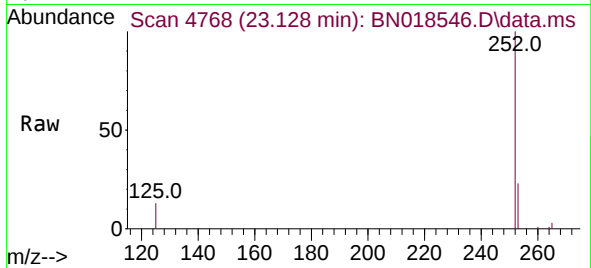




#24
Benzo(b)fluoranthene
Concen: 1.618 ng/ul
RT: 23.128 min Scan# 4768
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

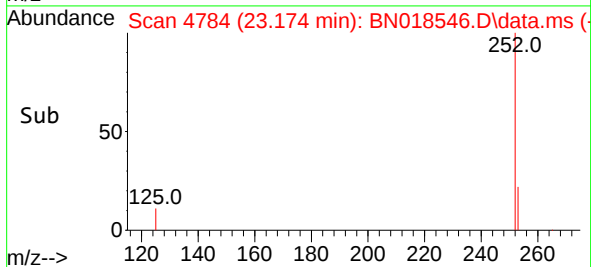
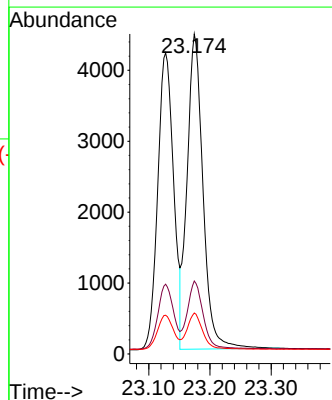
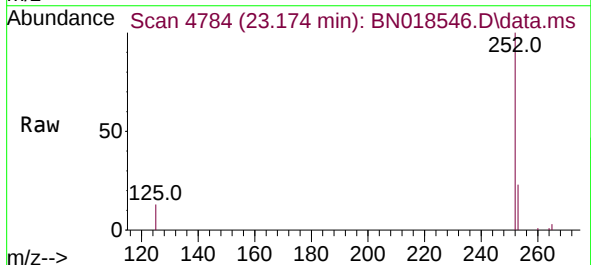
Instrument :
BNA_N
ClientSampleId :
SSTD1.6240

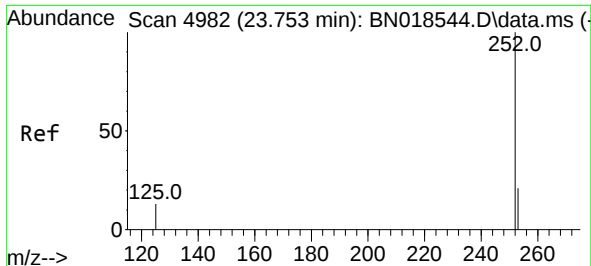
Tgt Ion:252 Resp: 7529
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.4
125 12.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 1.643 ng/ul
RT: 23.174 min Scan# 4784
Delta R.T. -0.003 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

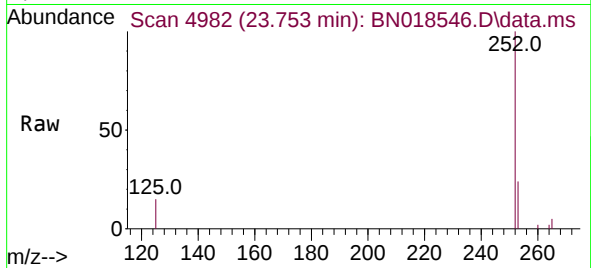
Tgt Ion:252 Resp: 8016
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 12.8 7.3 10.9#



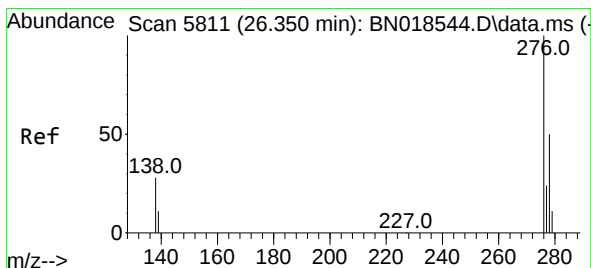
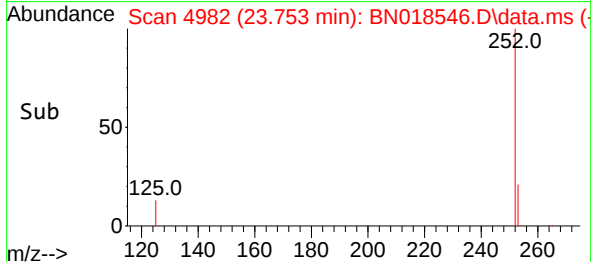
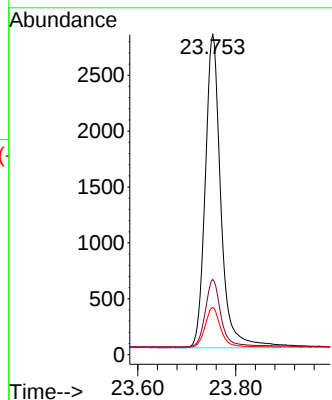


#26
Benzo(a)pyrene
Concen: 1.599 ng/ul
RT: 23.753 min Scan# 4982
Delta R.T. -0.000 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6240

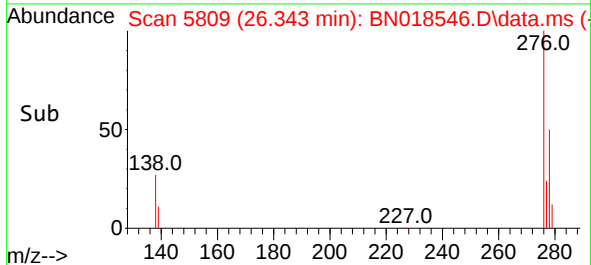
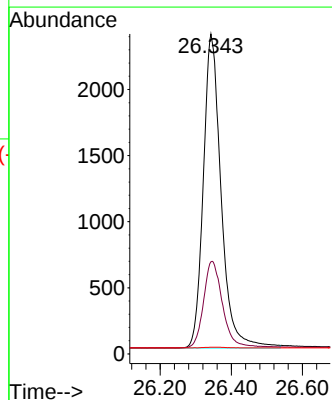
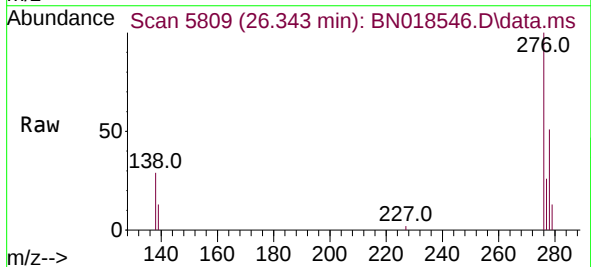


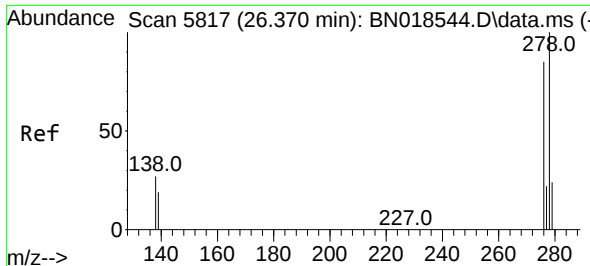
Tgt Ion:252 Resp: 6191
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 14.7 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.636 ng/ul
RT: 26.343 min Scan# 5809
Delta R.T. -0.007 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:276 Resp: 8251
Ion Ratio Lower Upper
276 100
138 29.7 16.5 24.7#
227 0.2 0.1 0.1#

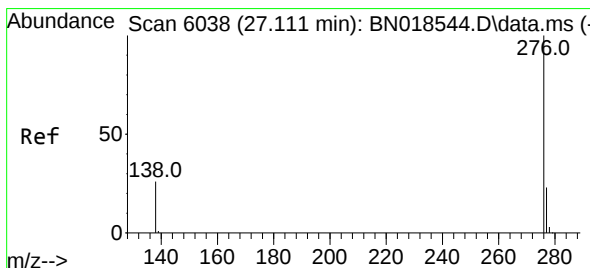
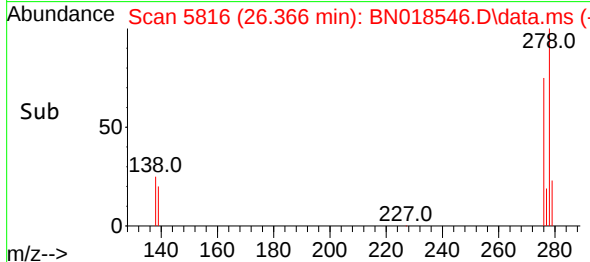
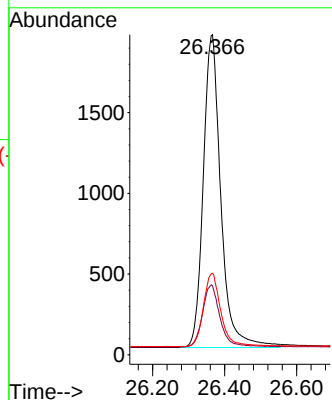
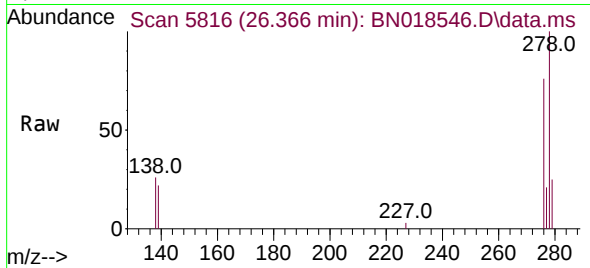




#28
Dibenzo(a,h)anthracene
Concen: 1.658 ng/ul
RT: 26.366 min Scan# 5817
Delta R.T. -0.004 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6240

Tgt Ion:278 Resp: 6569
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: 1.636 ng/ul
RT: 27.104 min Scan# 6036
Delta R.T. -0.007 min
Lab File: BN018546.D
Acq: 02 Feb 2022 12:58

Tgt Ion:276 Resp: 7182
Ion Ratio Lower Upper
276 100
138 27.3 14.4 21.6#
277 24.7 19.2 28.8

