

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
 Data File : BN018541.D
 Acq On : 02 Feb 2022 09:54
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4317

Quant Time: Feb 02 13:44:17 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

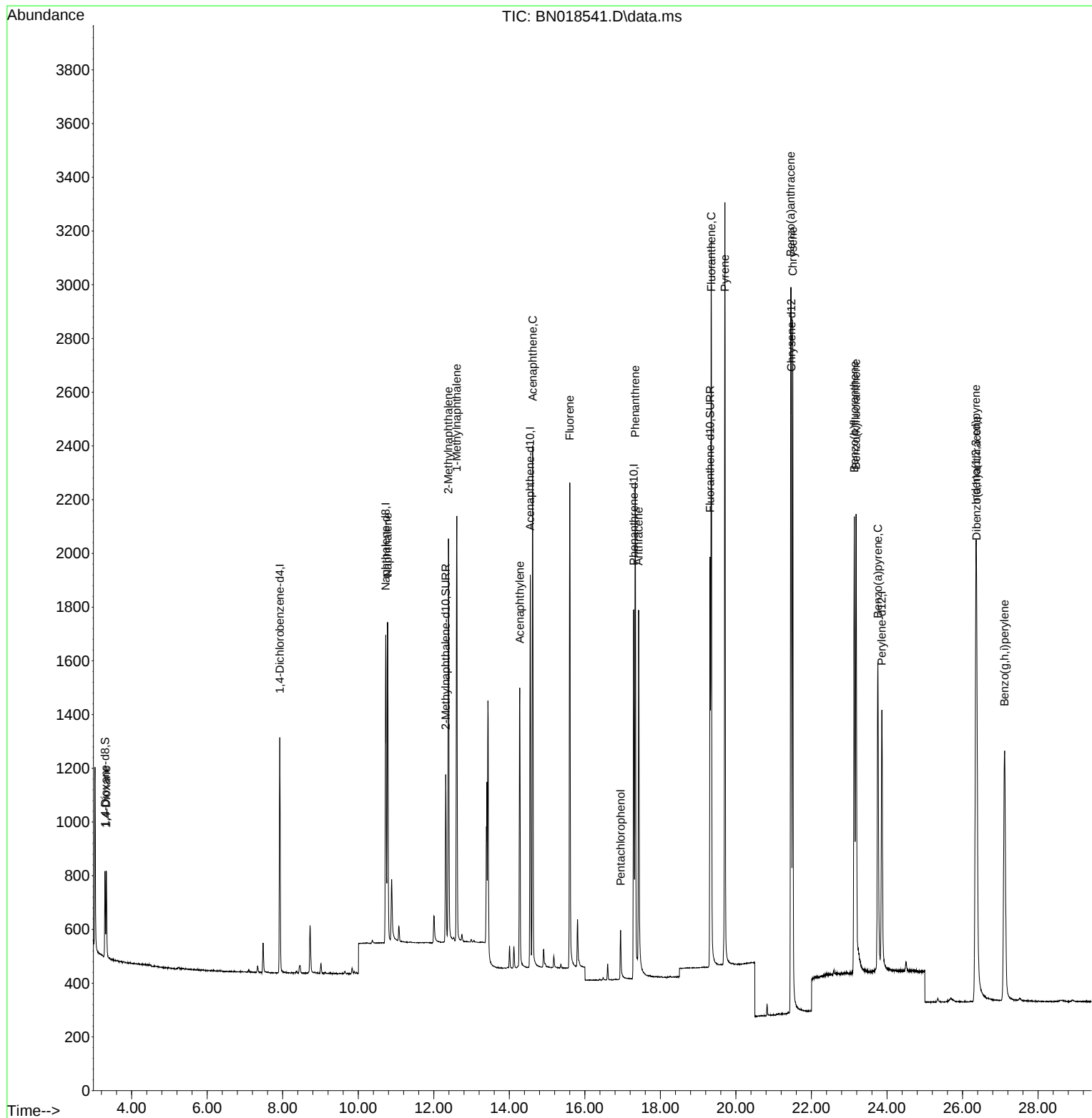
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	446	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	1550	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	836	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	1666	0.400	ng/ul #	0.00
17) Chrysene-d12	21.467	240	1590	0.400	ng/ul #	0.00
23) Perylene-d12	23.864	264	1409	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	203	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	839	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	1706	0.384	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	227	0.420	ng/ul#	82
5) Naphthalene	10.777	128	1679	0.393	ng/ul#	92
7) 2-Methylnaphthalene	12.388	142	1081	0.399	ng/ul	100
8) 1-Methylnaphthalene	12.608	142	1113	0.402	ng/ul	100
10) Acenaphthylene	14.276	152	1284	0.369	ng/ul#	90
11) Acenaphthene	14.618	153	1141	0.395	ng/ul	98
12) Fluorene	15.603	166	1240	0.401	ng/ul#	98
14) Pentachlorophenol	16.947	266	155	1.047	ng/ul	96
15) Phenanthrene	17.336	178	2095	0.390	ng/ul	94
16) Anthracene	17.424	178	1702	0.384	ng/ul#	93
19) Fluoranthene	19.346	202	2367	0.385	ng/ul#	86
20) Pyrene	19.709	202	2418	0.383	ng/ul#	88
21) Benzo(a)anthracene	21.453	228	2076	0.397	ng/ul	96
22) Chrysene	21.502	228	2380	0.395	ng/ul	97
24) Benzo(b)fluoranthene	23.133	252	2277	0.388	ng/ul	90
25) Benzo(k)fluoranthene	23.183	252	2446	0.397	ng/ul#	90
26) Benzo(a)pyrene	23.759	252	1953	0.400	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.356	276	2515	0.395	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.373	278	1973	0.394	ng/ul#	82
29) Benzo(g,h,i)perylene	27.114	276	2184	0.394	ng/ul#	81

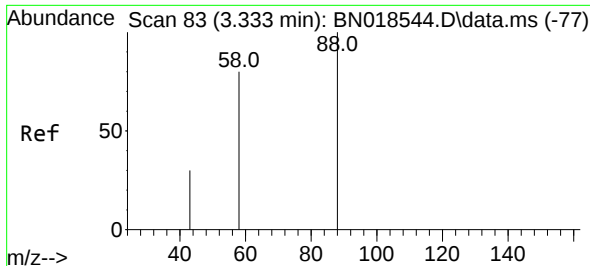
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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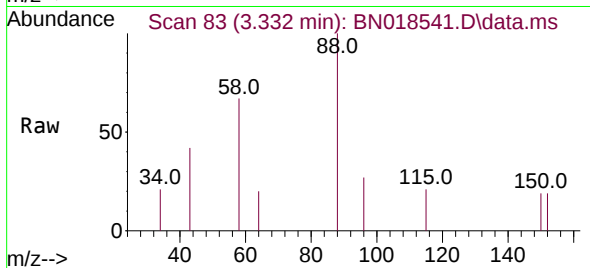
Quant Time: Feb 02 13:44:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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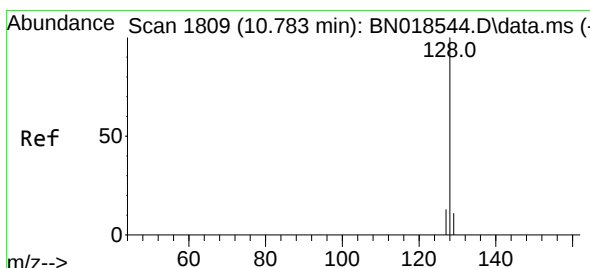
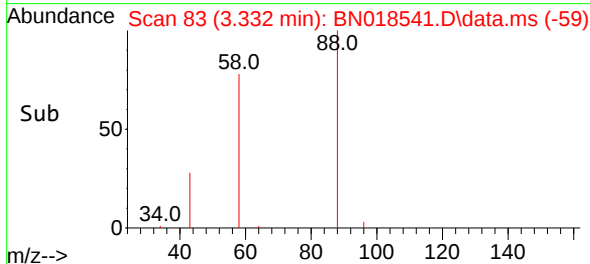
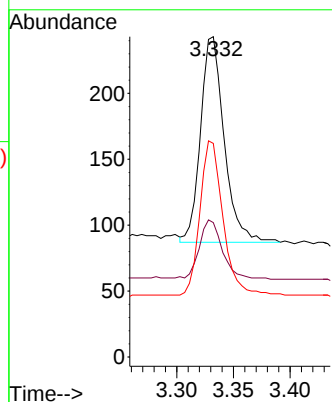
#2
1,4-Dioxane
Concen: 0.420 ng/ul
RT: 3.332 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 88 Resp: 227

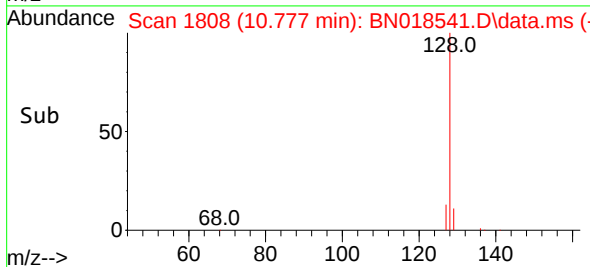
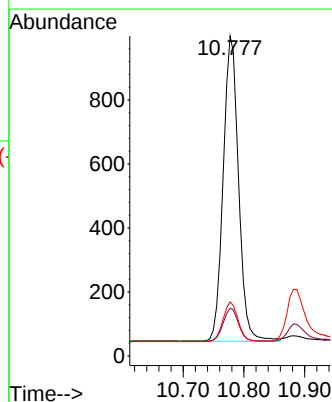
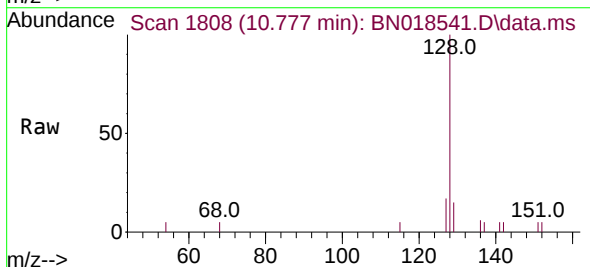
Ion	Ratio	Lower	Upper
88	100		
43	42.0	47.8	71.8#
58	66.7	46.2	69.2

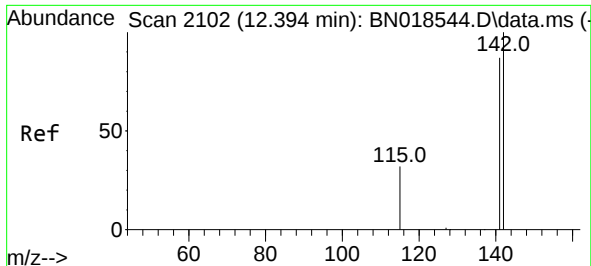


#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.777 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion: 128 Resp: 1679

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.4	14.0#
127	16.9	11.0	16.6#

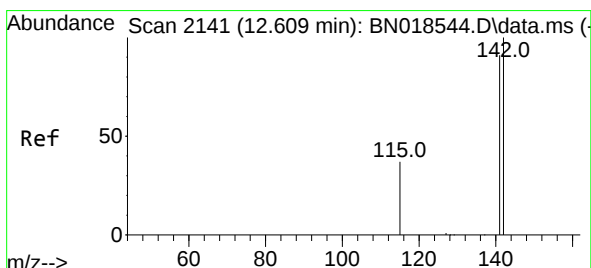
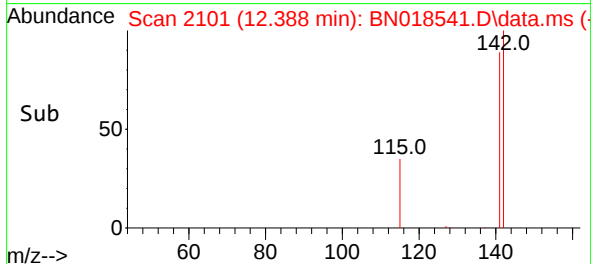
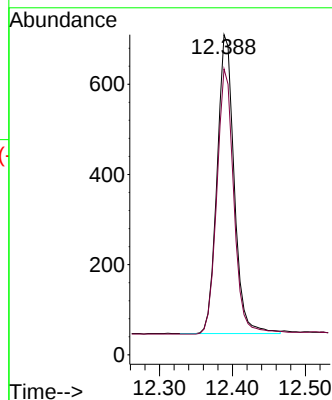
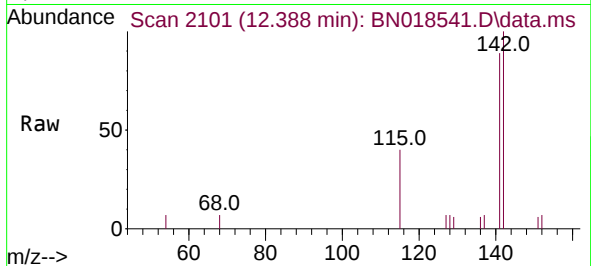




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.388 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

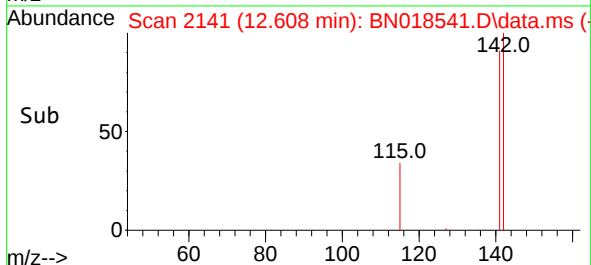
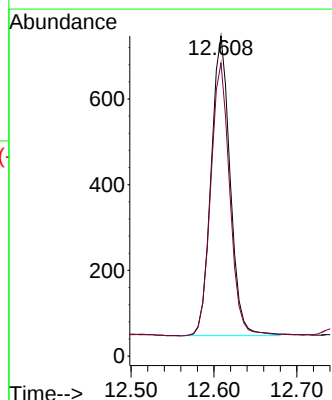
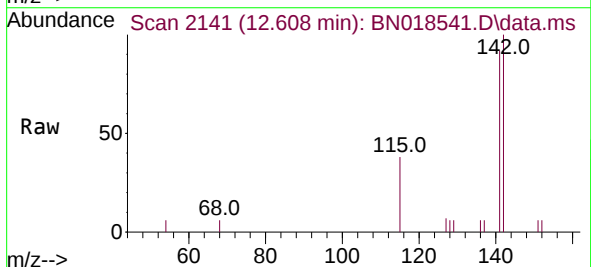
Instrument :
BNA_N
ClientSampleId :
SSTD0.4317

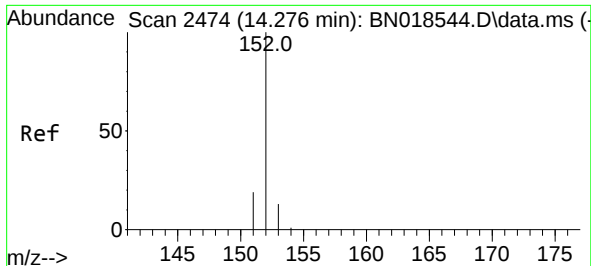
Tgt Ion:142 Resp: 1081
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.608 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:142 Resp: 1113
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8

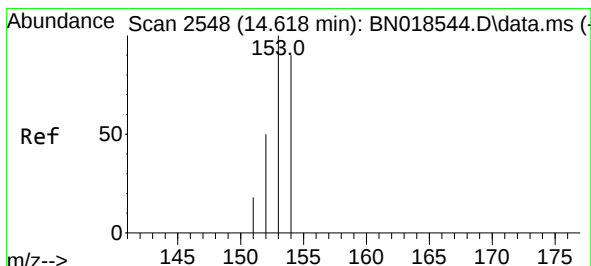
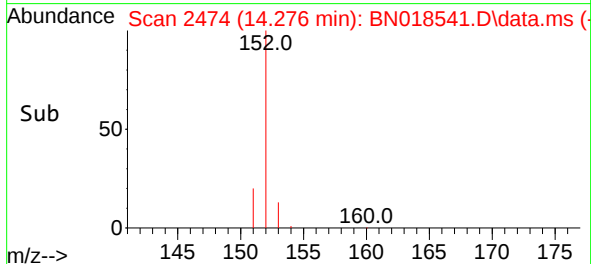
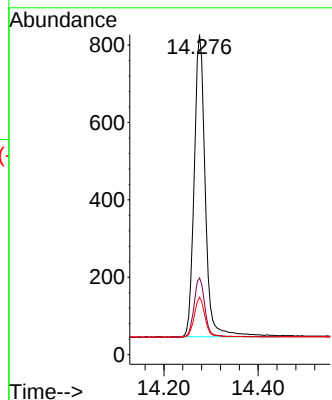
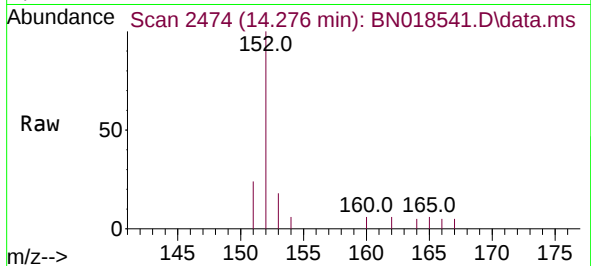




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

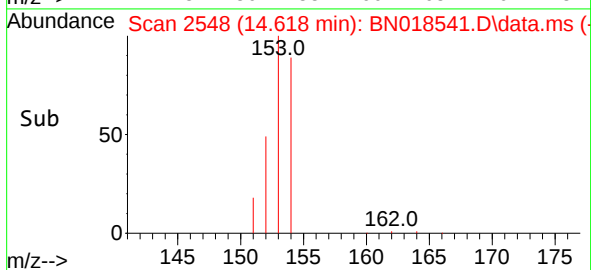
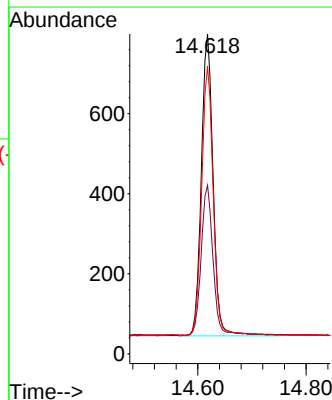
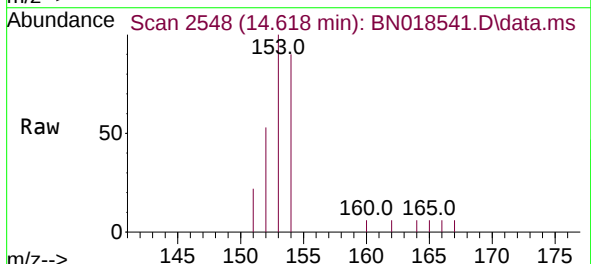
Instrument :
BNA_N
ClientSampleId :
SSTD0.4317

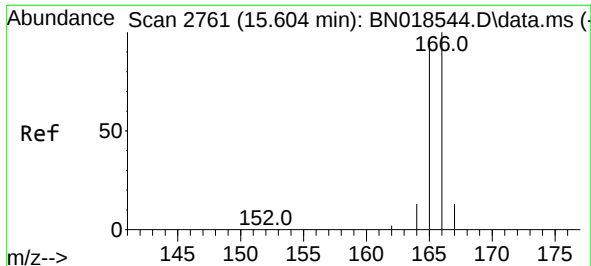
Tgt Ion:152 Resp: 1284
Ion Ratio Lower Upper
152 100
151 23.9 15.8 23.8#
153 17.9 10.7 16.1#



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:153 Resp: 1141
Ion Ratio Lower Upper
153 100
152 52.7 39.7 59.5
154 89.9 70.9 106.3

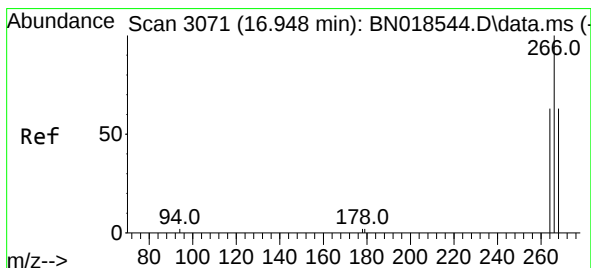
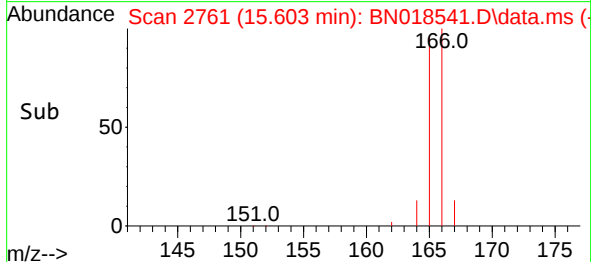
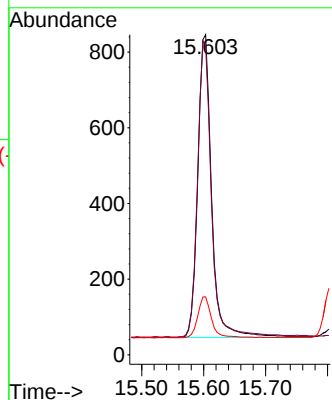
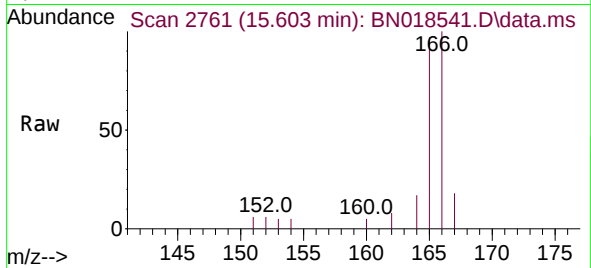




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.603 min Scan# 2761
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

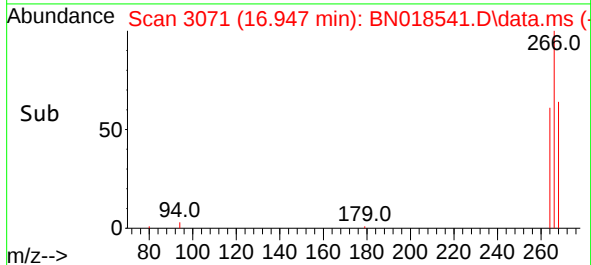
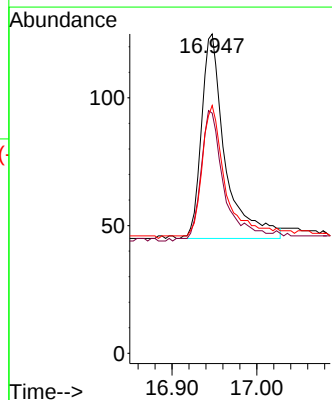
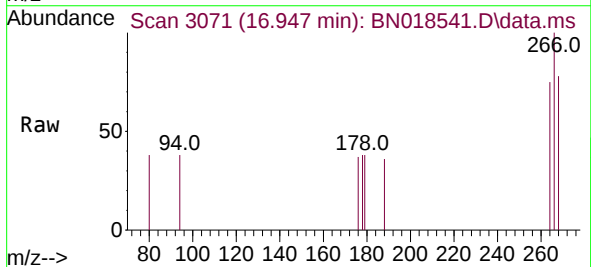
Instrument :
BNA_N
ClientSampleId :
SSTD0.4317

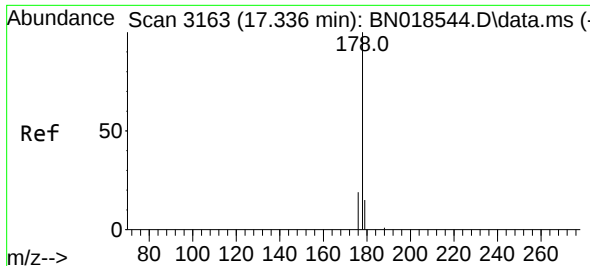
Tgt Ion:166 Resp: 1240
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.6
167 18.1 11.6 17.4#



#14
Pentachlorophenol
Concen: 1.047 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:266 Resp: 155
Ion Ratio Lower Upper
266 100
264 65.8 49.9 74.9
268 61.9 51.7 77.5

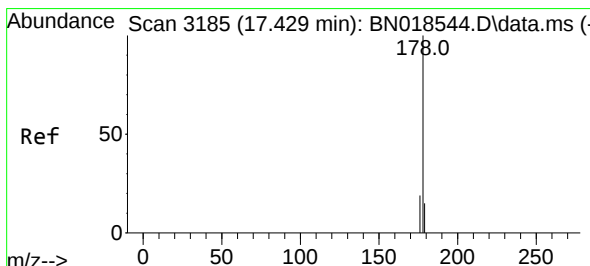
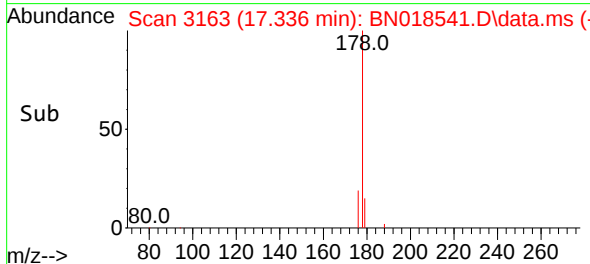
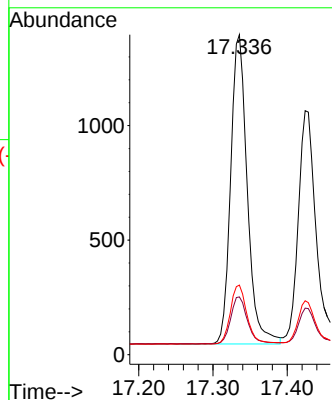
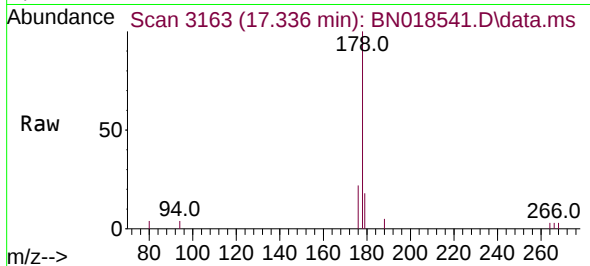




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.336 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

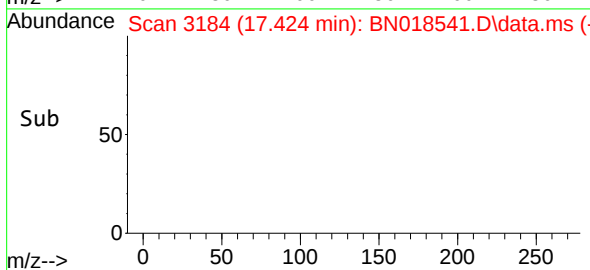
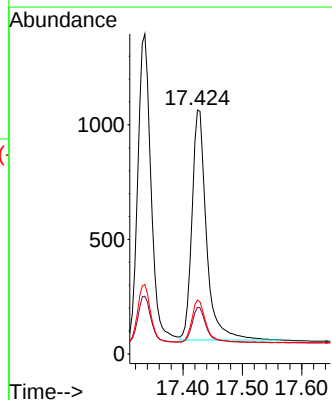
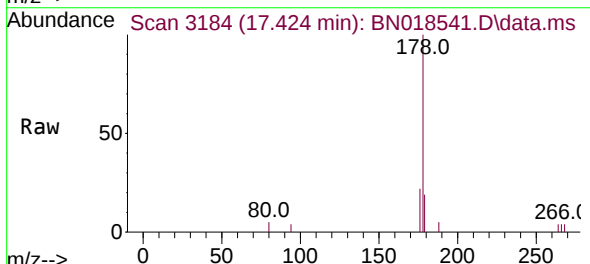
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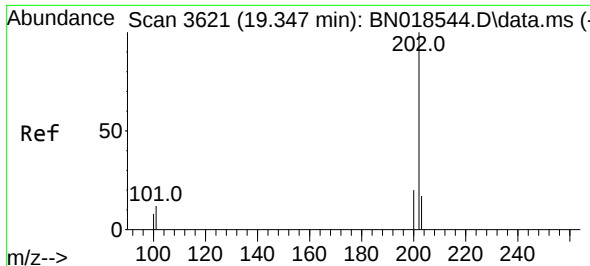
Tgt Ion:178 Resp: 2095
Ion Ratio Lower Upper
178 100
179 18.0 12.2 18.4
176 21.8 15.4 23.2



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.424 min Scan# 3184
Delta R.T. -0.005 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:178 Resp: 1702
Ion Ratio Lower Upper
178 100
179 19.1 12.3 18.5#
176 22.1 15.5 23.3

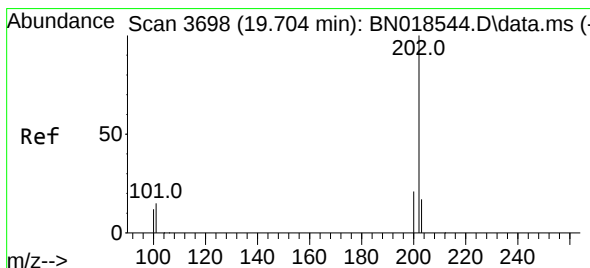
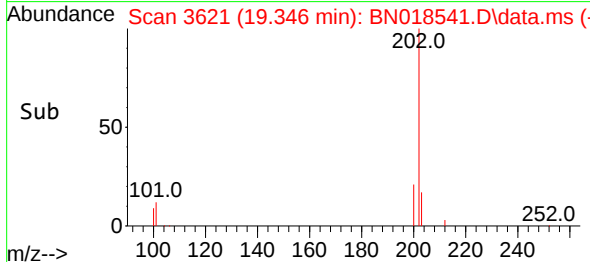
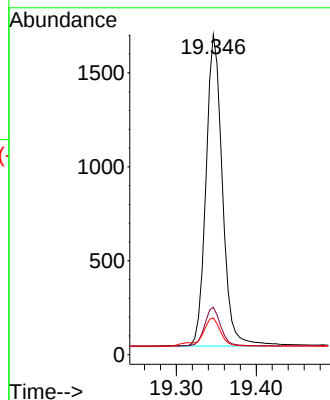
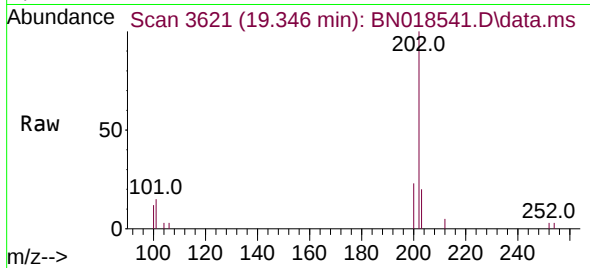




#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

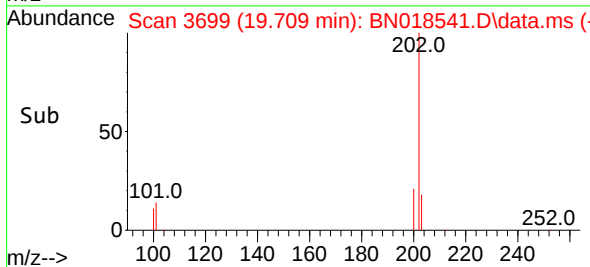
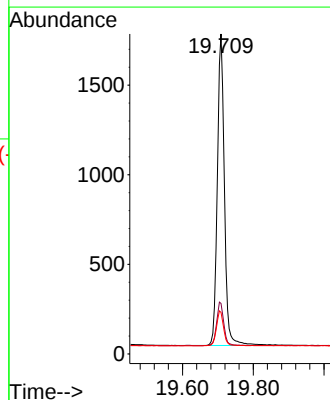
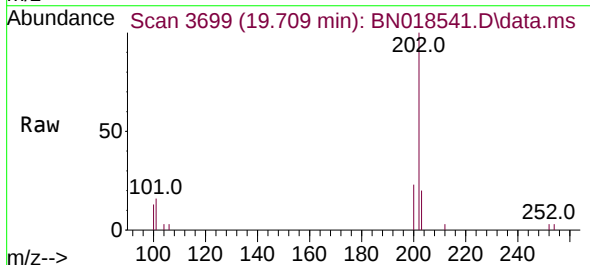
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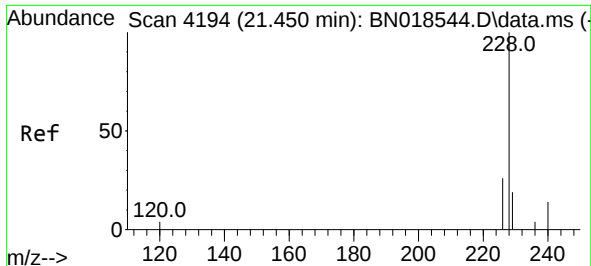
Tgt Ion:202 Resp: 2367
Ion Ratio Lower Upper
202 100
101 14.8 7.5 11.3#
100 11.5 5.4 8.2#



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. 0.004 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:202 Resp: 2418
Ion Ratio Lower Upper
202 100
101 15.8 9.0 13.4#
100 13.0 7.0 10.4#

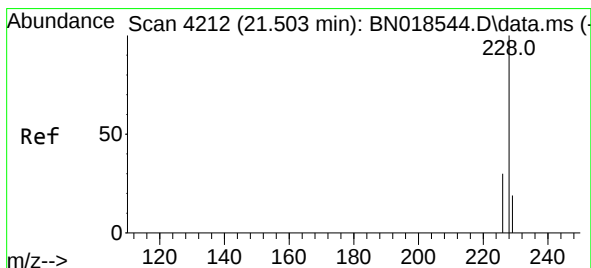
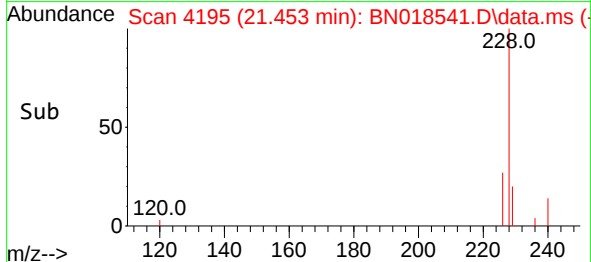
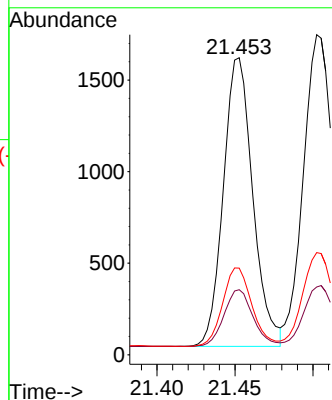
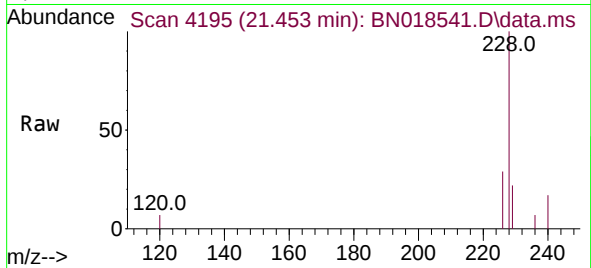




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.453 min Scan# 4194
Delta R.T. 0.003 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

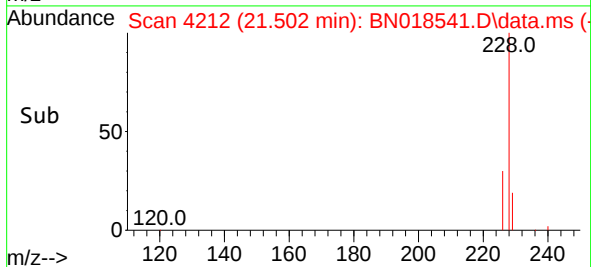
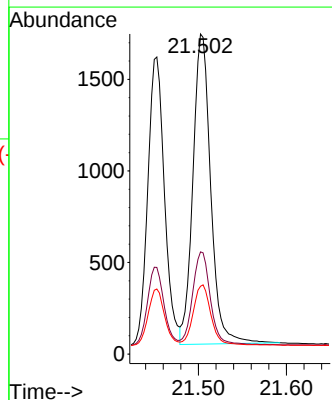
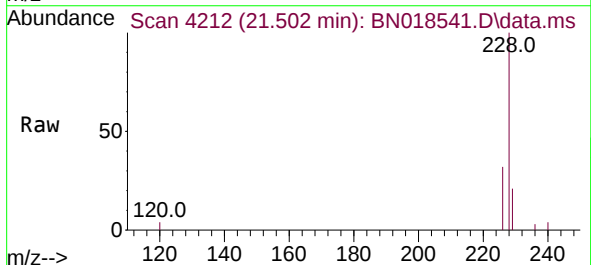
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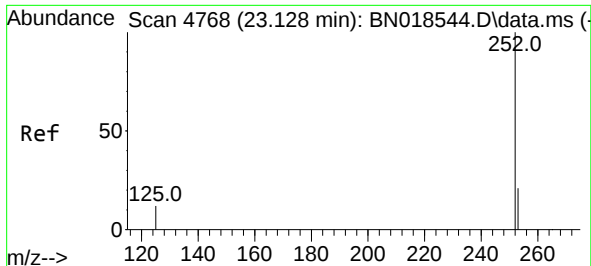
Tgt Ion:228 Resp: 2076
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 29.2 22.1 33.1



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.502 min Scan# 4212
Delta R.T. -0.000 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:228 Resp: 2380
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.4
229 21.2 15.7 23.5

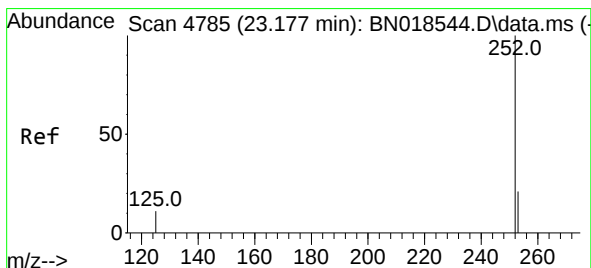
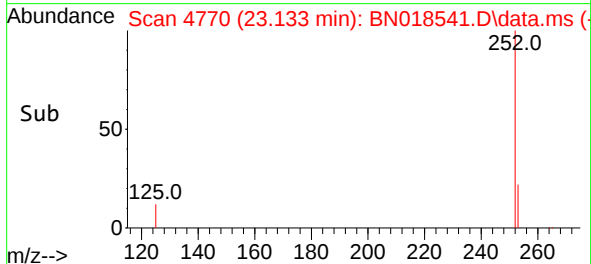
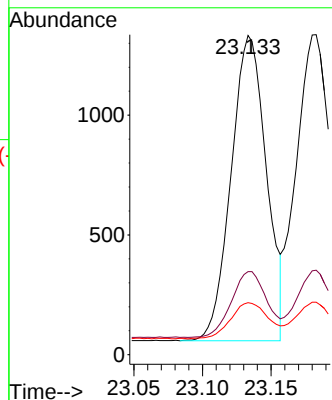
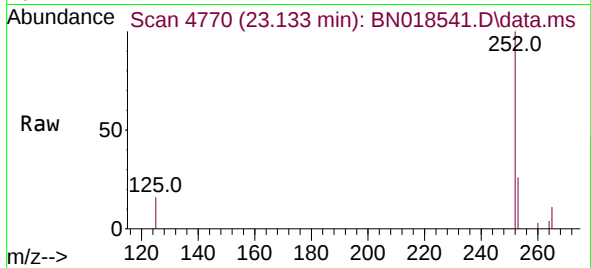




#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 23.133 min Scan# 4770
Delta R.T. 0.005 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

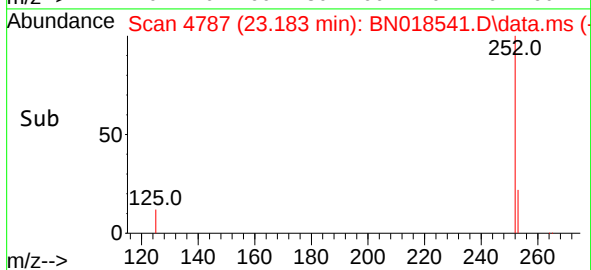
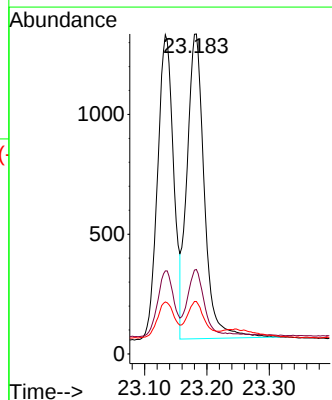
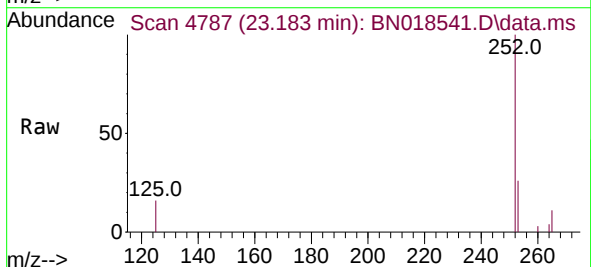
Instrument :
BNA_N
ClientSampleId :
SSTD0.4317

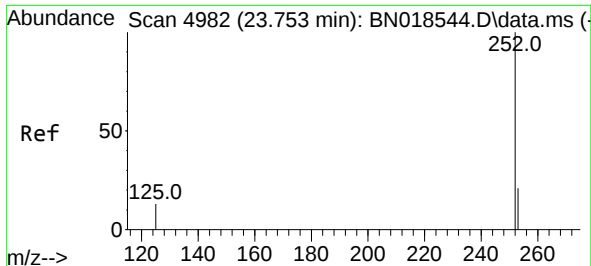
Tgt Ion:252 Resp: 2277
Ion Ratio Lower Upper
252 100
253 26.0 0.0 46.4
125 16.3 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.183 min Scan# 4787
Delta R.T. 0.005 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:252 Resp: 2446
Ion Ratio Lower Upper
252 100
253 26.4 18.6 28.0
125 16.4 7.3 10.9#

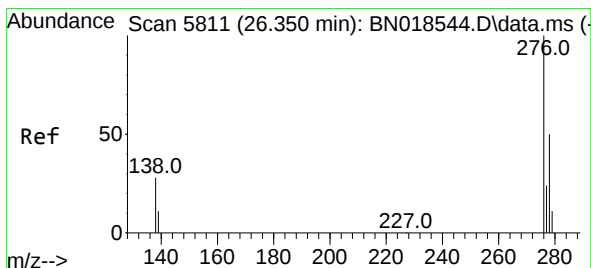
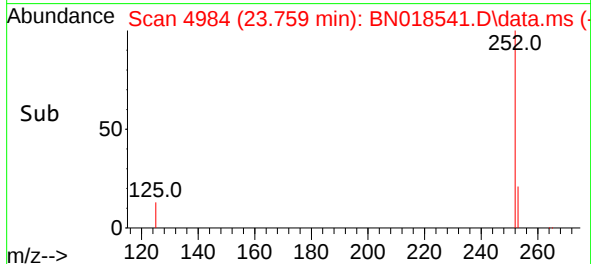
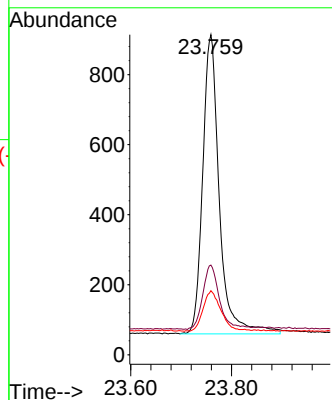
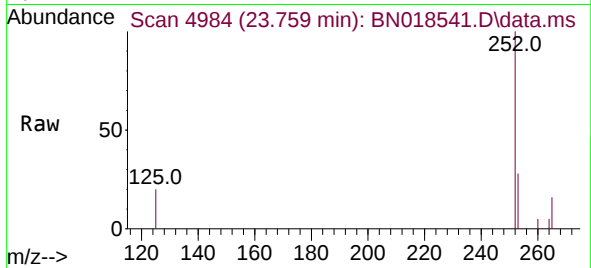




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.759 min Scan# 4982
Delta R.T. 0.005 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

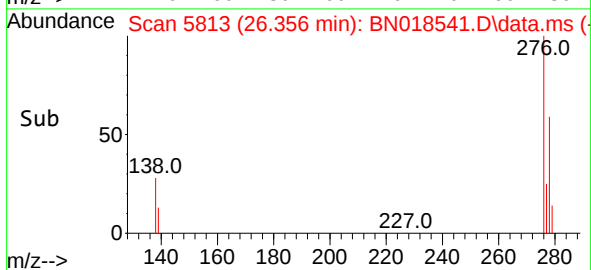
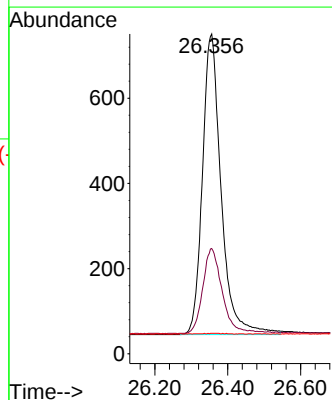
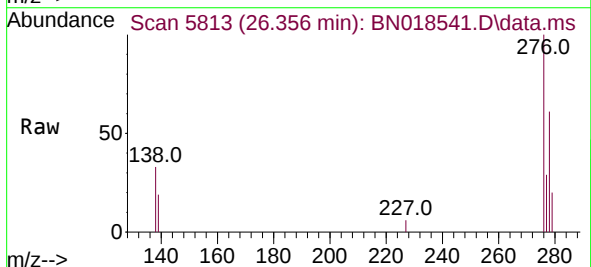
Instrument :
BNA_N
ClientSampleId :
SSTD0.4317

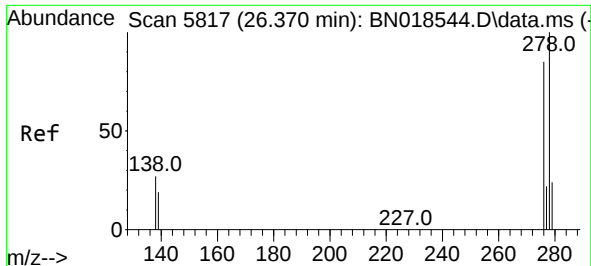
Tgt Ion:252 Resp: 1953
Ion Ratio Lower Upper
252 100
253 28.0 18.9 28.3
125 20.0 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.356 min Scan# 5813
Delta R.T. 0.006 min
Lab File: BN018541.D
Acq: 02 Feb 2022 09:54

Tgt Ion:276 Resp: 2515
Ion Ratio Lower Upper
276 100
138 29.3 16.5 24.7#
227 0.2 0.1 0.1#

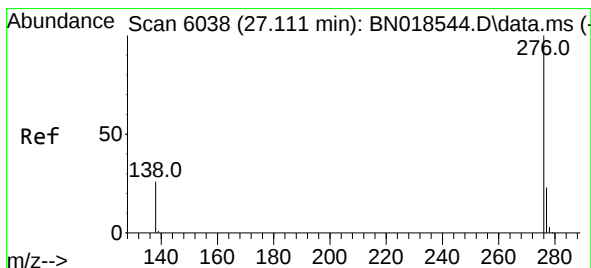
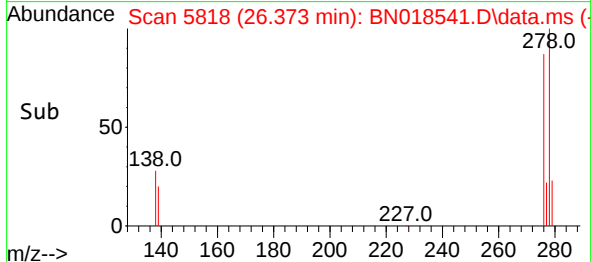
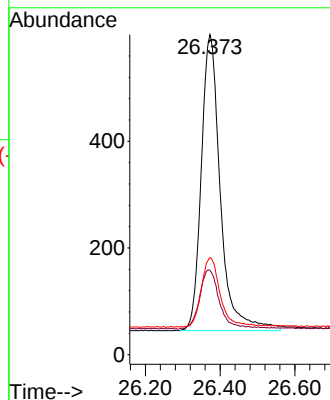
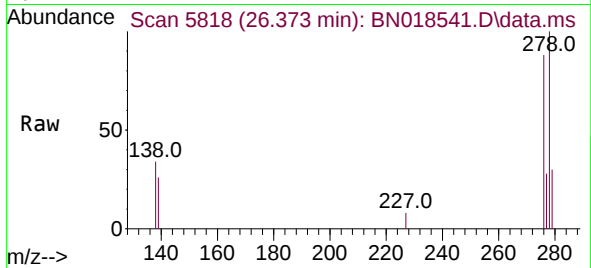




#28
 Dibenzo(a,h)anthracene
 Concen: 0.394 ng/ul
 RT: 26.373 min Scan# 5817
 Delta R.T. 0.003 min
 Lab File: BN018541.D
 Acq: 02 Feb 2022 09:54

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4317

Tgt Ion:278 Resp: 1973
 Ion Ratio Lower Upper
 278 100
 139 26.3 11.9 17.9#
 279 30.3 19.5 29.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.394 ng/ul
 RT: 27.114 min Scan# 6039
 Delta R.T. 0.003 min
 Lab File: BN018541.D
 Acq: 02 Feb 2022 09:54

Tgt Ion:276 Resp: 2184
 Ion Ratio Lower Upper
 276 100
 138 31.2 14.4 21.6#
 277 29.1 19.2 28.8#

