

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017136.D
 Acq On : 27 Oct 2021 20:45
 Operator : CG/JU
 Sample : SSTD3.234
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2234

Quant Time: Oct 28 01:06:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 01:03:15 2021
 Response via : Initial Calibration

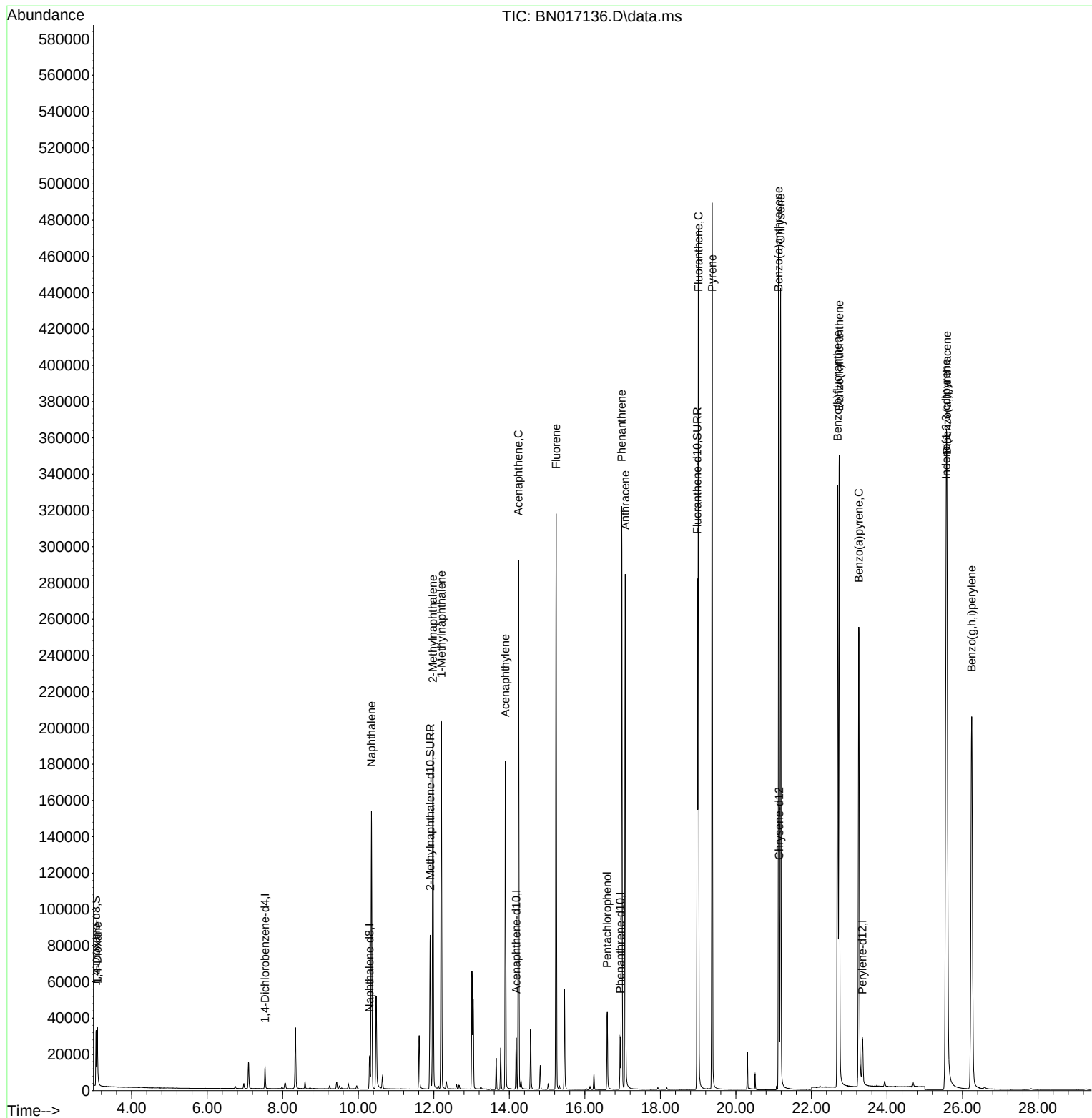
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	24025	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	15211	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	33103	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	34940	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	33073	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	19584	3.018	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	110355	3.223	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	288773	3.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	20119	2.576	ng/ul#	77
5) Naphthalene	10.348	128	202274	2.780	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	143692	3.174	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	142085	3.082	ng/ul	100
10) Acenaphthylene	13.896	152	203170	3.304	ng/ul	99
11) Acenaphthene	14.243	153	159813	3.029	ng/ul	99
12) Fluorene	15.238	166	189571	3.106	ng/ul	98
14) Pentachlorophenol	16.593	266	27667	3.469	ng/ul	100
15) Phenanthrene	16.977	178	318742	3.032	ng/ul	99
16) Anthracene	17.070	178	296595	3.344	ng/ul	98
19) Fluoranthene	19.007	202	389246	3.252	ng/ul	98
20) Pyrene	19.370	202	390968	3.176	ng/ul	97
21) Benzo(a)anthracene	21.132	228	381692	3.349	ng/ul	99
22) Chrysene	21.184	228	381085	2.940	ng/ul	100
24) Benzo(b)fluoranthene	22.692	252	401295	3.225	ng/ul	98
25) Benzo(k)fluoranthene	22.736	252	424267	3.093	ng/ul	98
26) Benzo(a)pyrene	23.253	252	357820	3.216	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.565	276	481518	3.047	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.588	278	382470	3.045	ng/ul	99
29) Benzo(g,h,i)perylene	26.242	276	403672	2.948	ng/ul	99

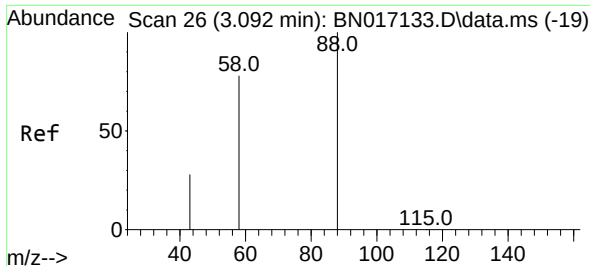
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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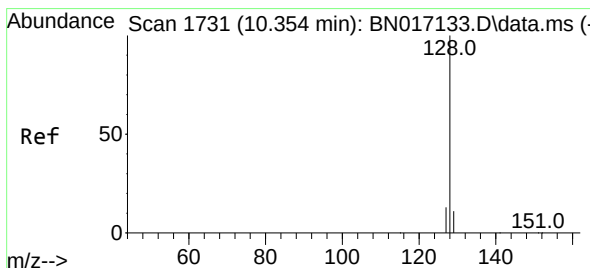
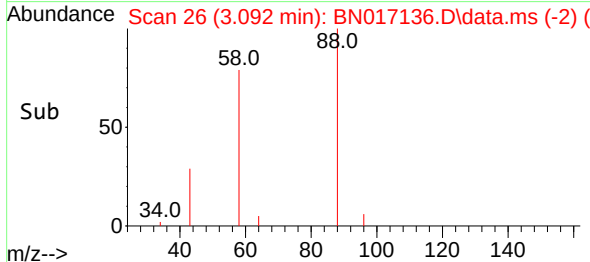
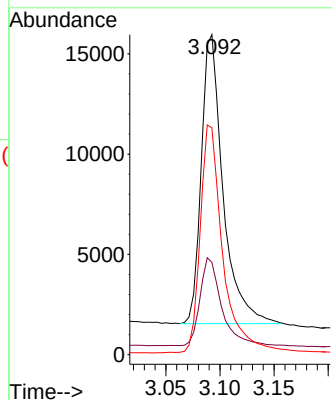
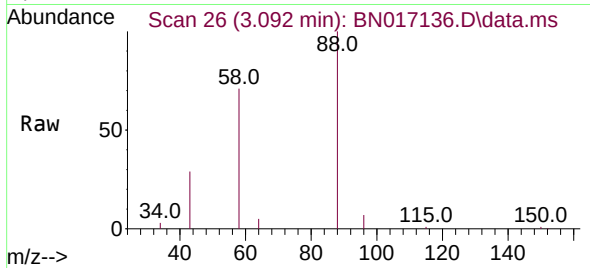




#2
1,4-Dioxane
Concen: 2.576 ng/ul
RT: 3.092 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

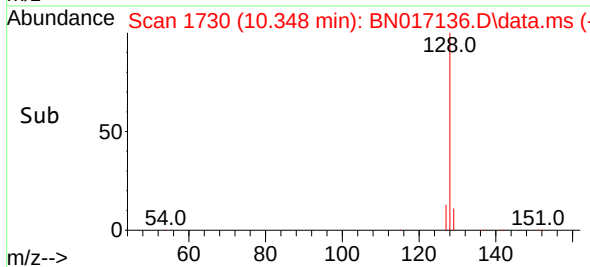
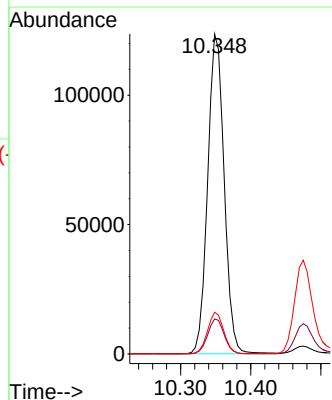
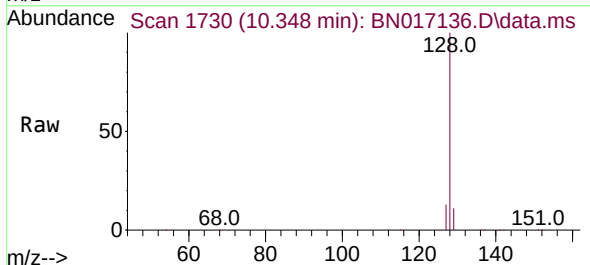
Instrument :
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SSTD3.2234

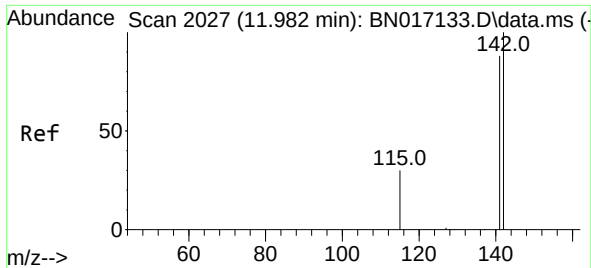
Tgt Ion: 88 Resp: 20119
Ion Ratio Lower Upper
88 100
43 28.8 31.8 47.6#
58 70.9 41.9 62.9#



#5
Naphthalene
Concen: 2.780 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:128 Resp: 202274
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.1 10.8 16.2

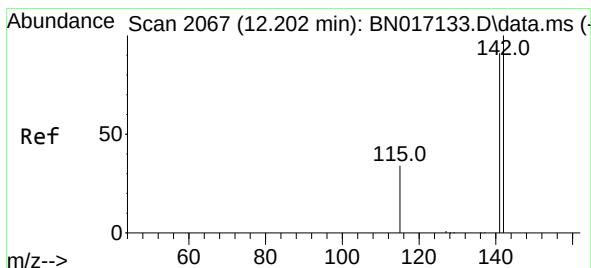
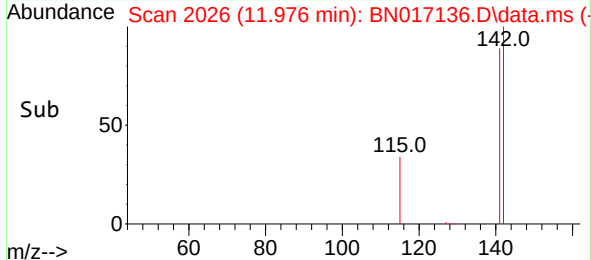
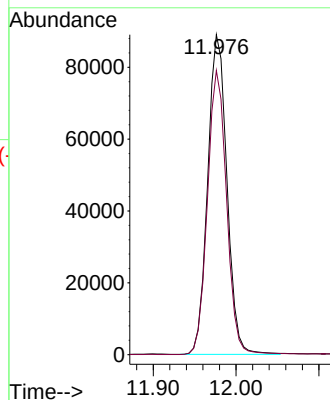
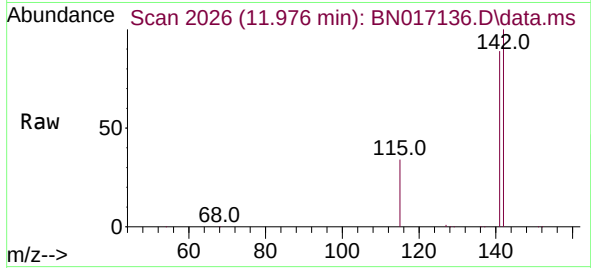




#7
2-Methylnaphthalene
Concen: 3.174 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

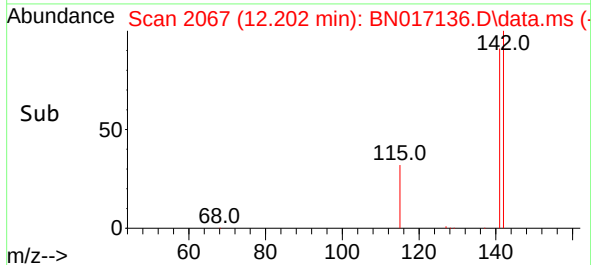
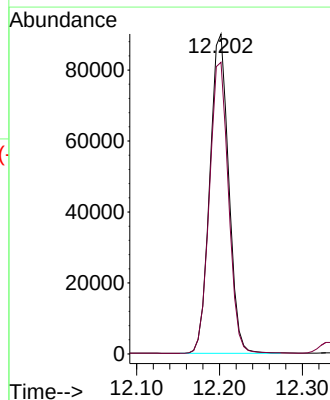
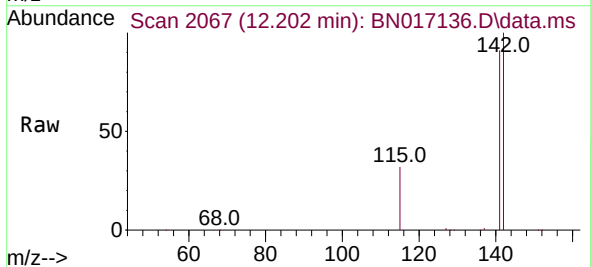
Instrument :
BNA_N
ClientSampleId :
SSTD3.2234

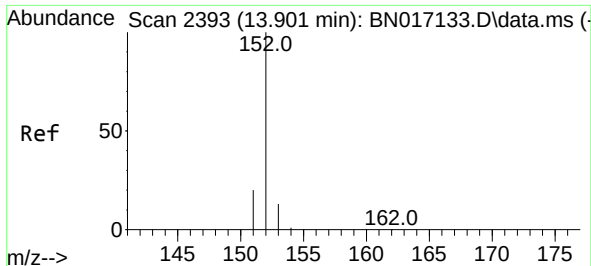
Tgt Ion:142 Resp: 143692
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4



#8
1-Methylnaphthalene
Concen: 3.082 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:142 Resp: 142085
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.8

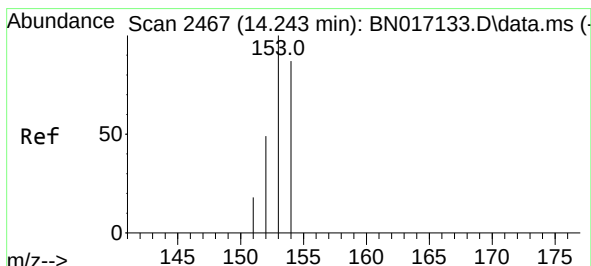
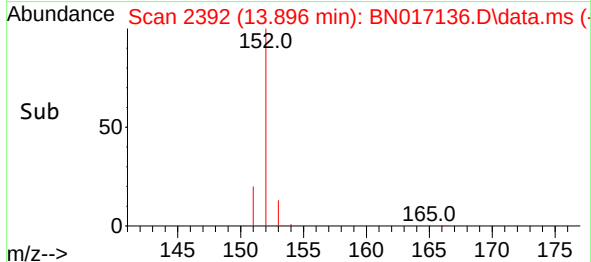
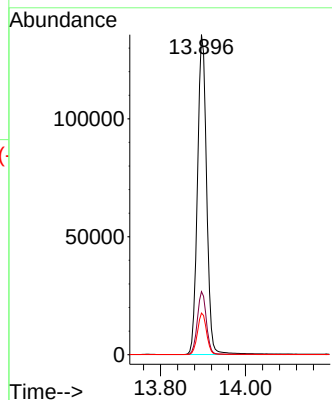
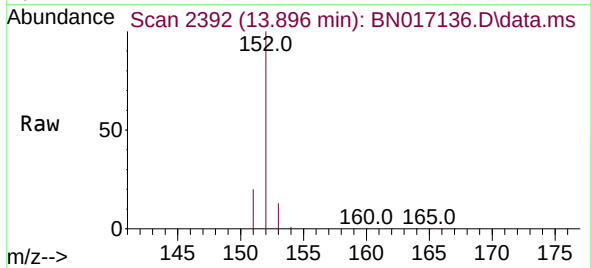




#10
Acenaphthylene
Concen: 3.304 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

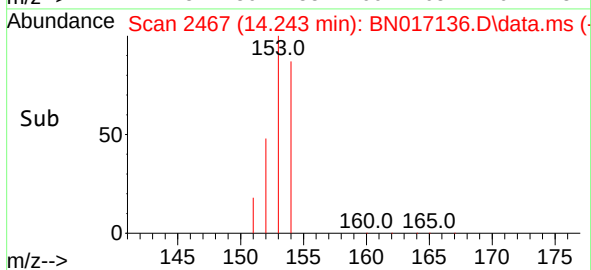
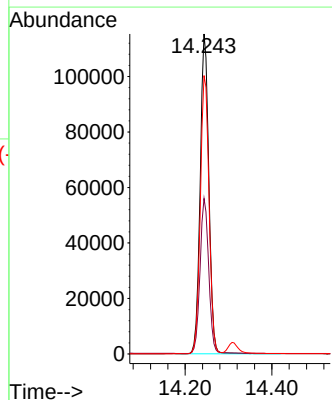
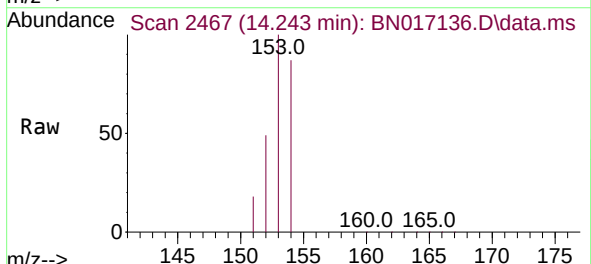
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BNA_N
ClientSampleId :
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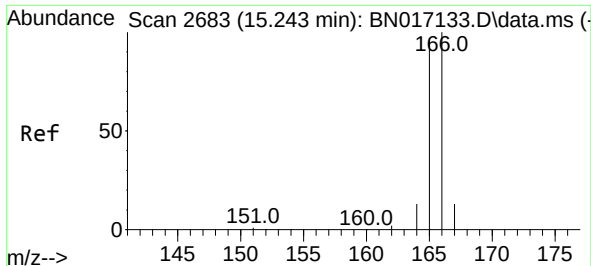
Tgt Ion:152 Resp: 203170
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.0 10.8 16.2



#11
Acenaphthene
Concen: 3.029 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:153 Resp: 159813
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 87.0 70.0 105.0

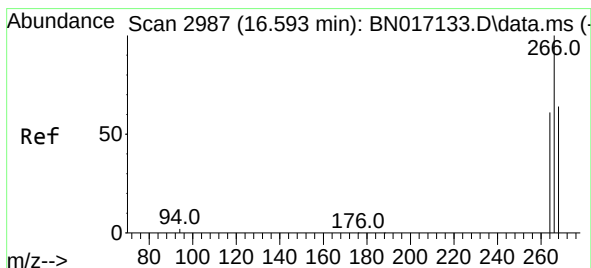
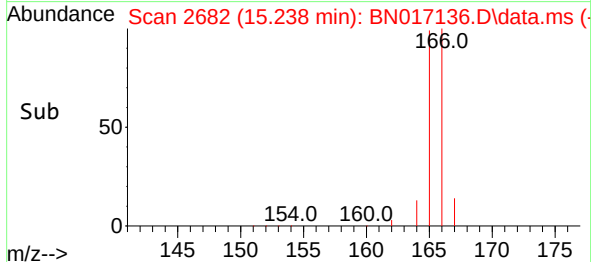
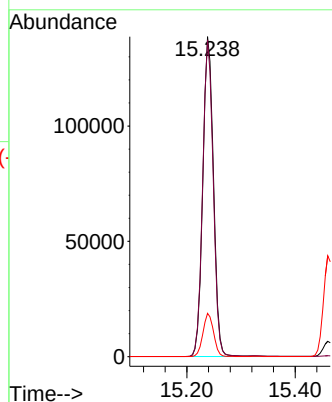
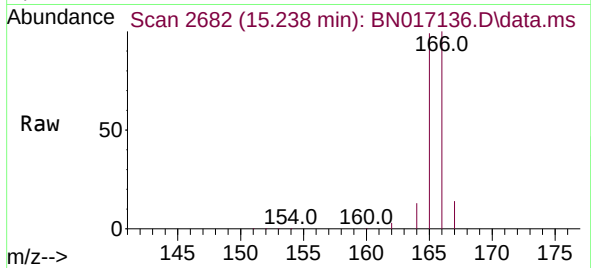




#12
Fluorene
Concen: 3.106 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

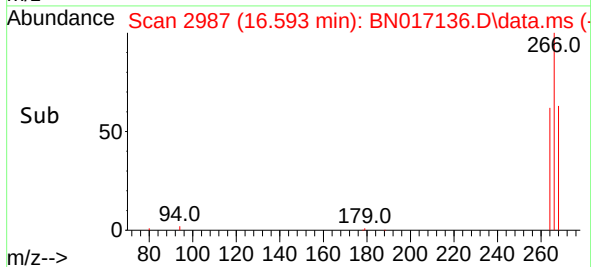
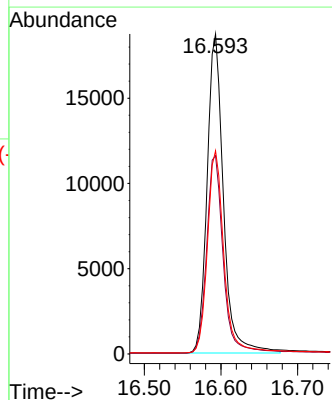
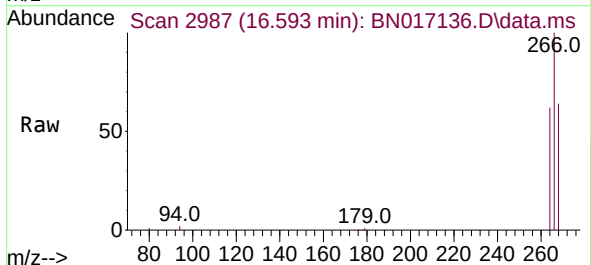
Instrument :
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ClientSampleId :
SSTD3.2234

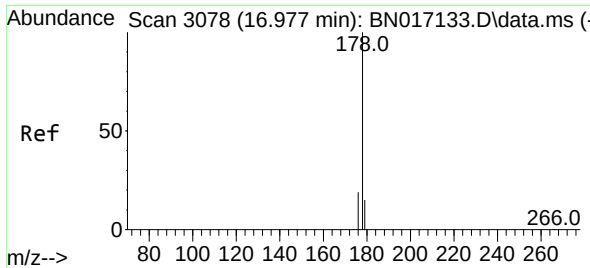
Tgt Ion:166 Resp: 189571
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 13.5 11.1 16.7



#14
Pentachlorophenol
Concen: 3.469 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

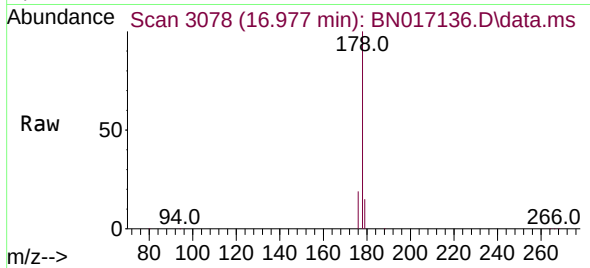
Tgt Ion:266 Resp: 27667
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 63.6 51.2 76.8



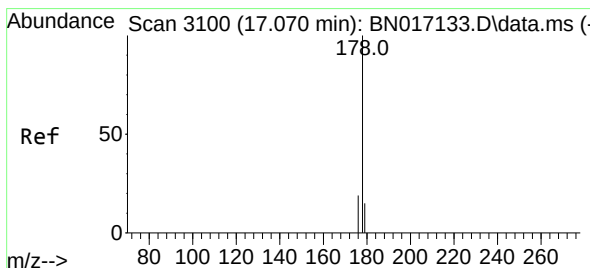
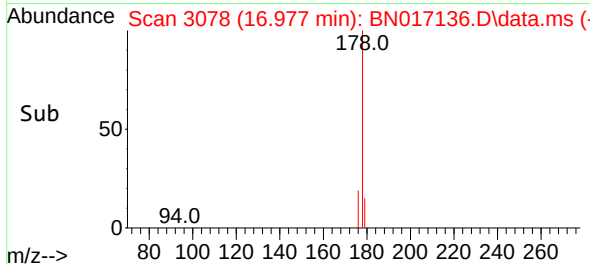
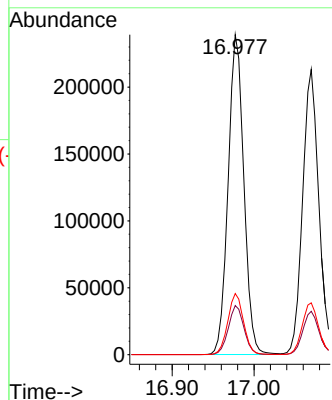


#15
 Phenanthrene
 Concen: 3.032 ng/ul
 RT: 16.977 min Scan# 3078
 Delta R.T. 0.000 min
 Lab File: BN017136.D
 Acq: 27 Oct 2021 20:45

Instrument :
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 ClientSampleId :
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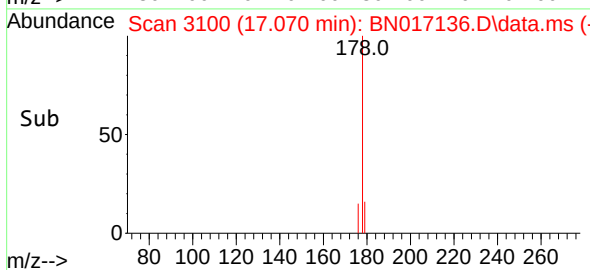
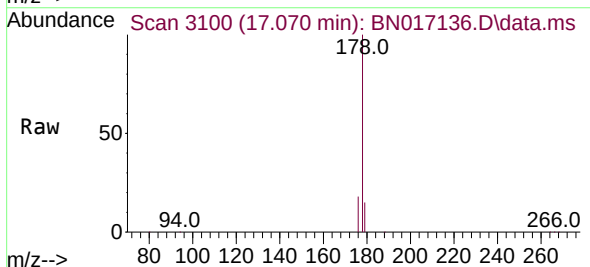
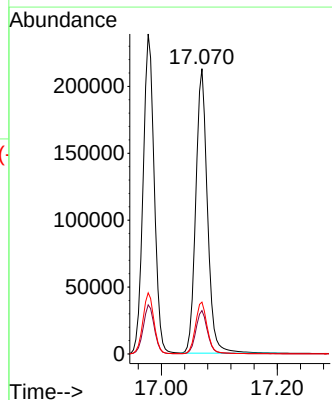


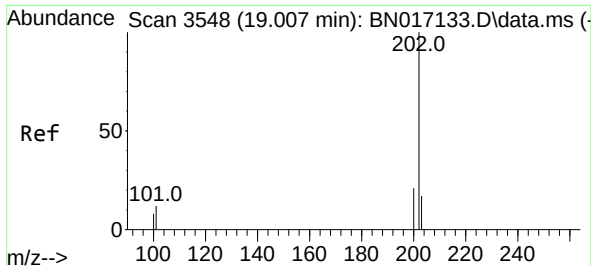
Tgt Ion:	178	Resp:	318742
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	19.1	15.5	23.3



#16
 Anthracene
 Concen: 3.344 ng/ul
 RT: 17.070 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BN017136.D
 Acq: 27 Oct 2021 20:45

Tgt Ion:	178	Resp:	296595
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.6	19.0
176	18.2	15.2	22.8

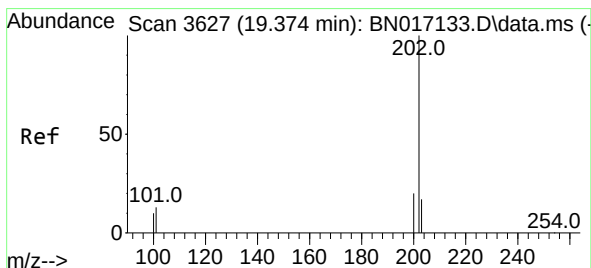
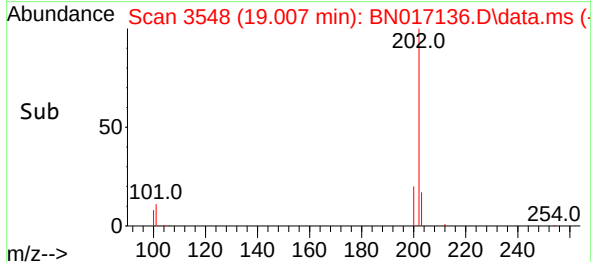
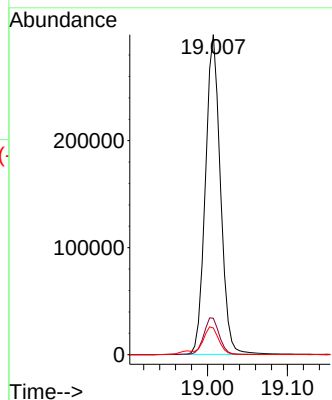
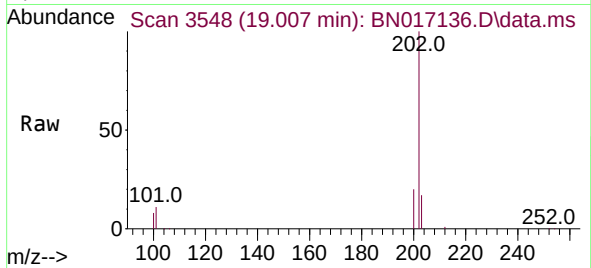




#19
Fluoranthene
Concen: 3.252 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

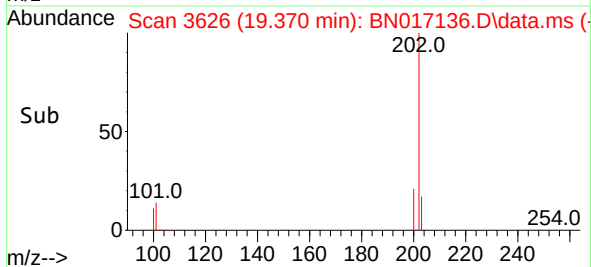
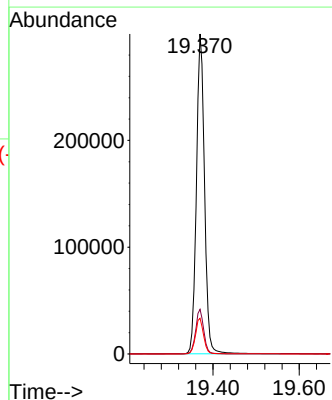
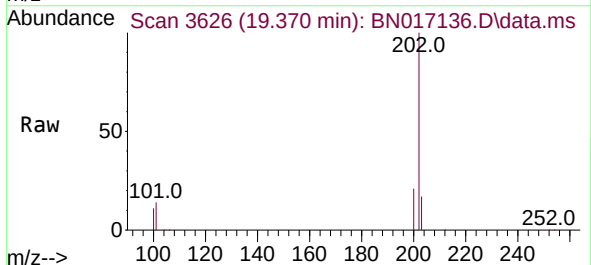
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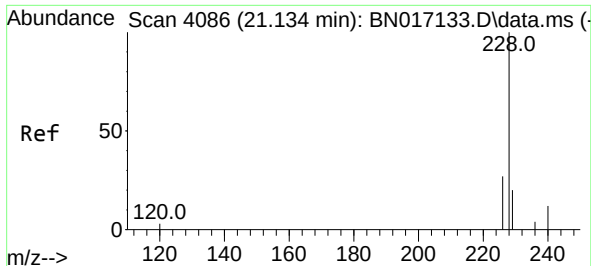
Tgt Ion:202 Resp: 389246
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 8.4 7.2 10.8



#20
Pyrene
Concen: 3.176 ng/ul
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:202 Resp: 390968
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.1 8.2 12.2

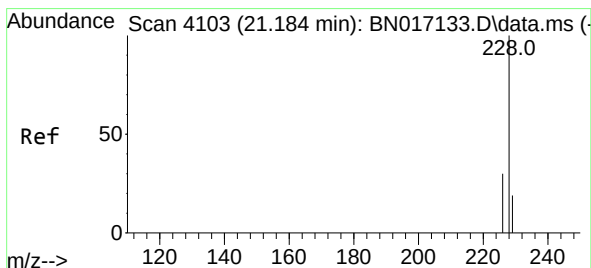
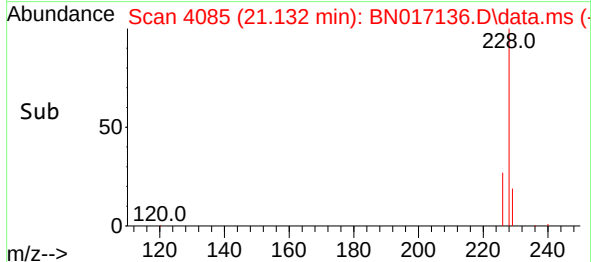
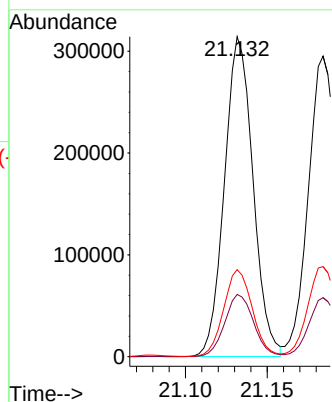
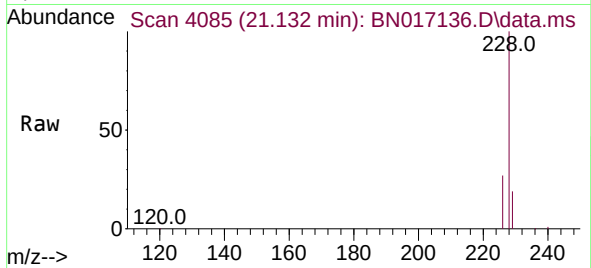




#21
Benzo(a)anthracene
Concen: 3.349 ng/ul
RT: 21.132 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

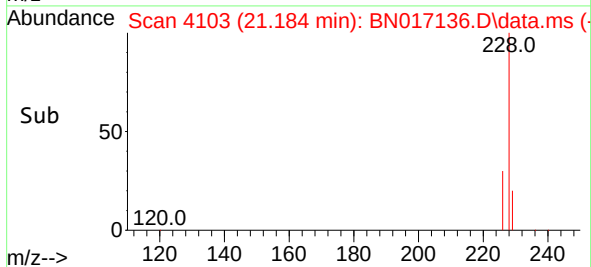
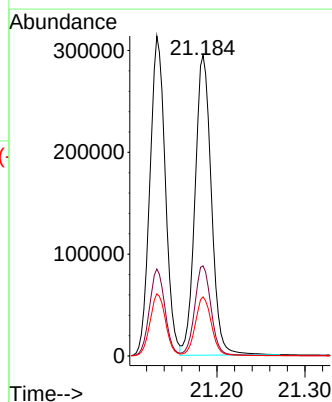
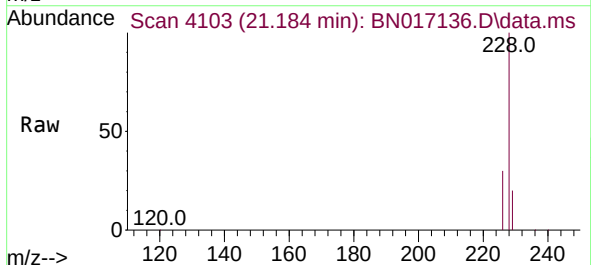
Instrument :
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ClientSampleId :
SSTD3.2234

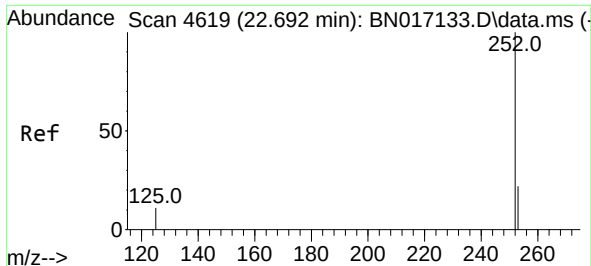
Tgt Ion:228 Resp: 381692
Ion Ratio Lower Upper
228 100
229 19.4 16.1 24.1
226 27.2 21.7 32.5



#22
Chrysene
Concen: 2.940 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:228 Resp: 381085
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 15.4 23.2

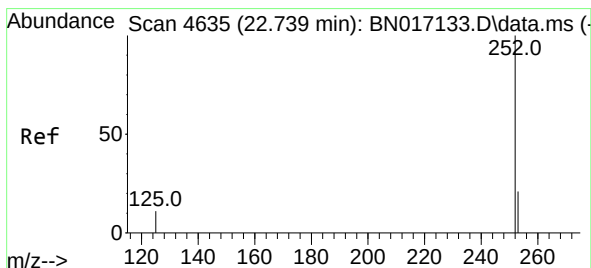
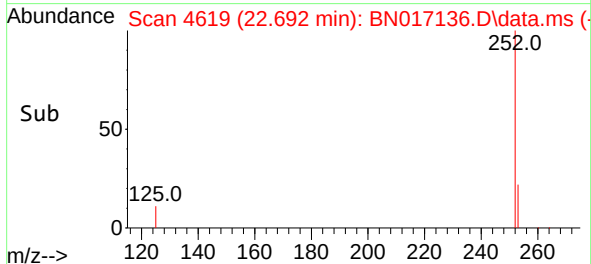
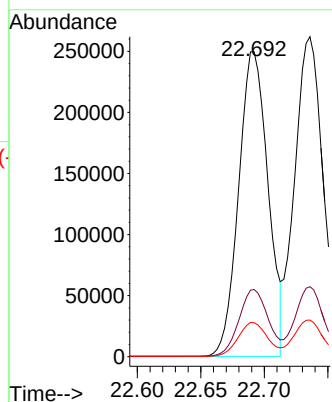
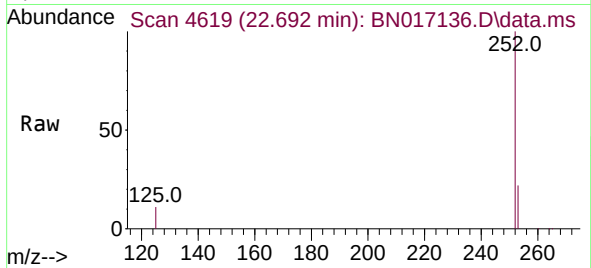




#24
Benzo(b)fluoranthene
Concen: 3.225 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

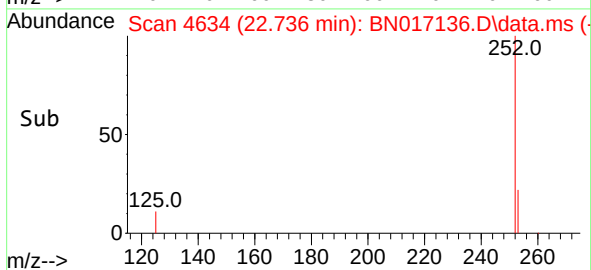
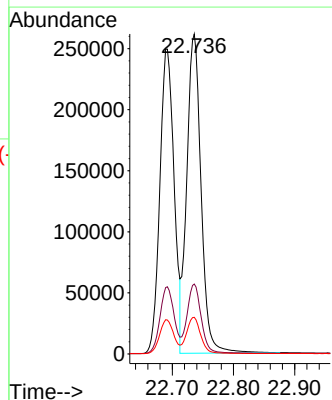
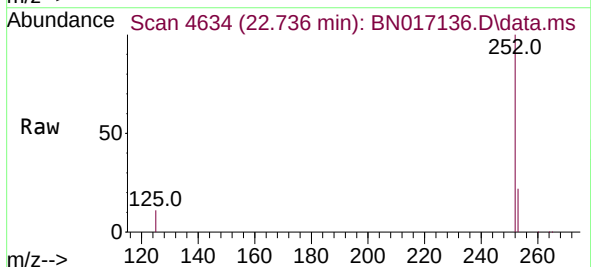
Instrument :
BNA_N
ClientSampleId :
SSTD3.2234

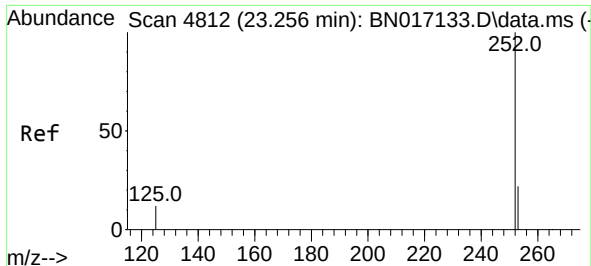
Tgt Ion:252 Resp: 401295
Ion Ratio Lower Upper
252 100
253 22.1 0.0 46.8
125 11.2 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 3.093 ng/ul
RT: 22.736 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

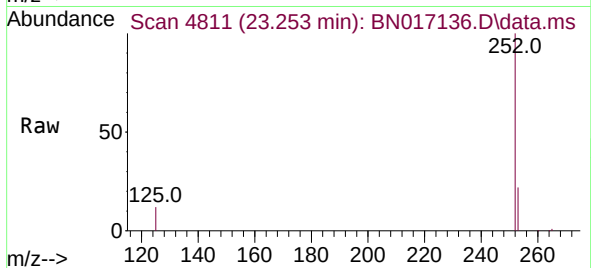
Tgt Ion:252 Resp: 424267
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 11.4 10.0 15.0



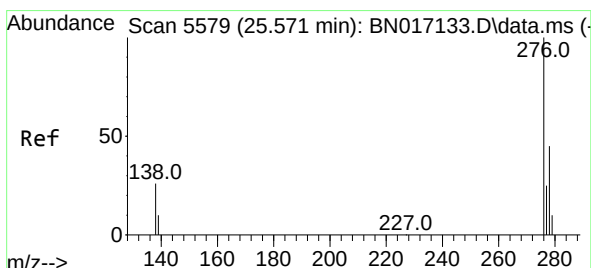
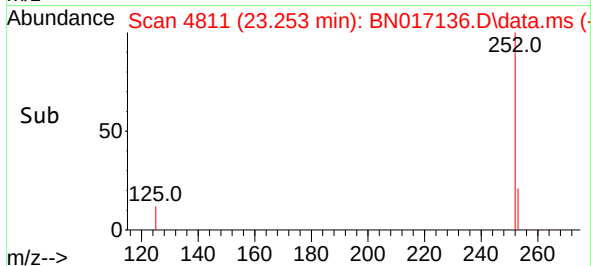
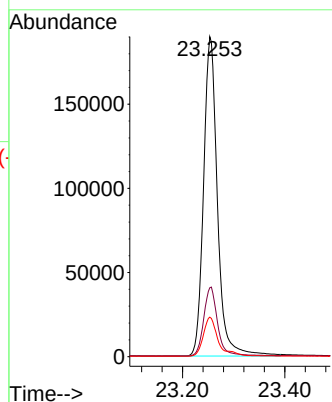


#26
Benzo(a)pyrene
Concen: 3.216 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Instrument :
BNA_N
ClientSampleId :
SSTD3.2234

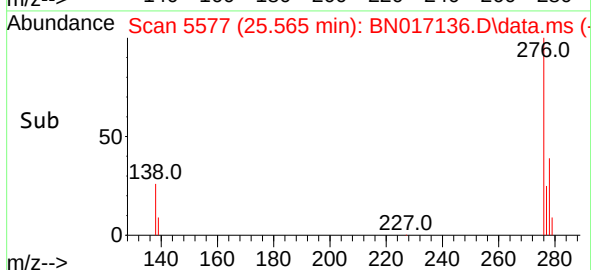
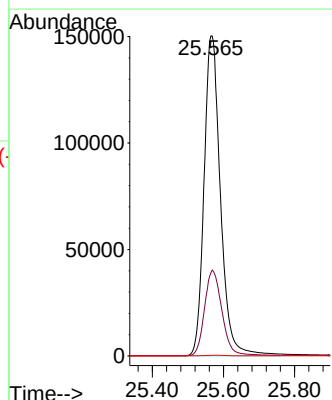
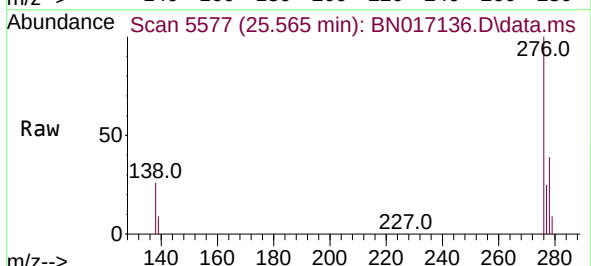


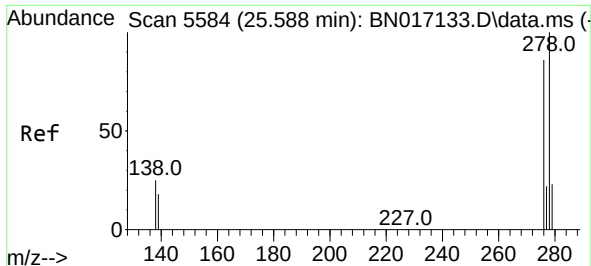
Tgt Ion:252 Resp: 357820
Ion Ratio Lower Upper
252 100
253 21.5 19.3 28.9
125 12.3 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.047 ng/ul
RT: 25.565 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:276 Resp: 481518
Ion Ratio Lower Upper
276 100
138 28.5 22.2 33.4
227 0.2 0.0 0.0#

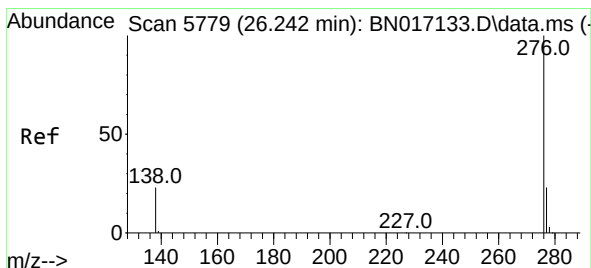
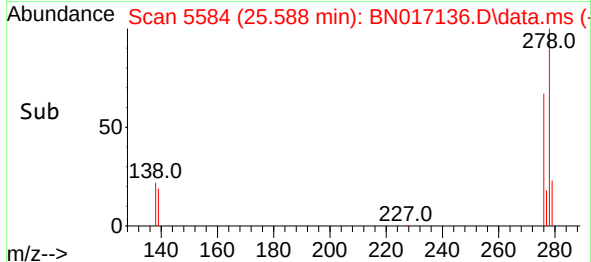
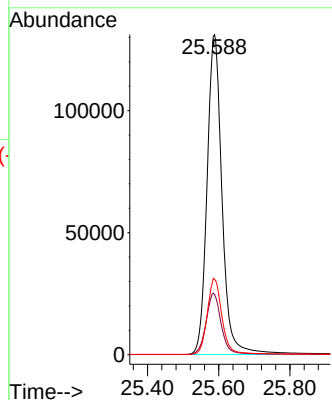
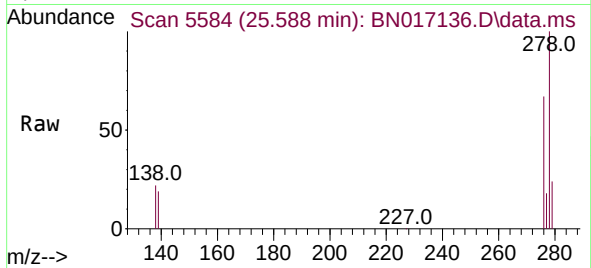




#28
Dibenzo(a,h)anthracene
Concen: 3.045 ng/ul
RT: 25.588 min Scan# 5584
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Instrument :
BNA_N
ClientSampleId :
SSTD3.2234

Tgt Ion:278 Resp: 382470
Ion Ratio Lower Upper
278 100
139 18.9 15.4 23.0
279 23.6 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 2.948 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. 0.000 min
Lab File: BN017136.D
Acq: 27 Oct 2021 20:45

Tgt Ion:276 Resp: 403672
Ion Ratio Lower Upper
276 100
138 24.5 19.2 28.8
277 23.6 19.0 28.6

