

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122121\
 Data File : BN018136.D
 Acq On : 21 Dec 2021 21:11
 Operator : CG/JU
 Sample : SST0.452
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4203

Quant Time: Dec 22 03:06:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 03:03:54 2021
 Response via : Initial Calibration

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

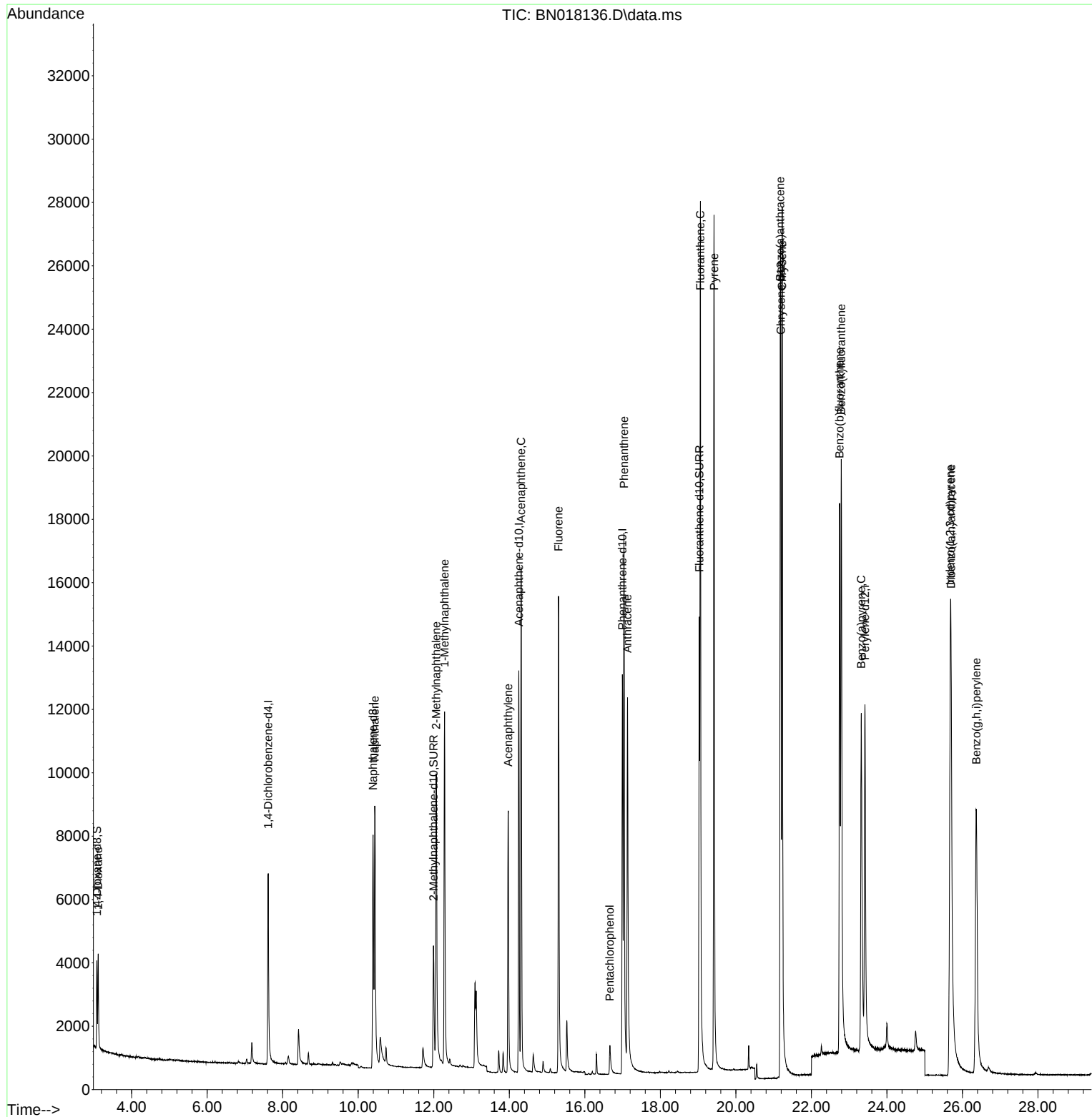
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	3972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.394	136	12254	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	7392	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	16533	0.400	ng/ul	0.00
17) Chrysene-d12	21.192	240	16891	0.400	ng/ul	0.00
23) Perylene-d12	23.419	264	15572	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	1679	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.994	152	6423	0.450	ng/ul	0.00
18) Fluoranthene-d10	19.032	212	18273	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.114	88	1987	0.410	ng/ul	100
5) Naphthalene	10.438	128	13523	0.403	ng/ul	100
7) 2-Methylnaphthalene	12.066	142	8492	0.450	ng/ul	100
8) 1-Methylnaphthalene	12.286	142	8899	0.406	ng/ul	100
10) Acenaphthylene	13.972	152	11177	0.373	ng/ul	100
11) Acenaphthene	14.314	153	9963	0.374	ng/ul	100
12) Fluorene	15.304	166	11540	0.393	ng/ul	100
14) Pentachlorophenol	16.662	266	996	0.344	ng/ul	100
15) Phenanthrene	17.038	178	20811	0.363	ng/ul	100
16) Anthracene	17.131	178	16529	0.366	ng/ul	100
19) Fluoranthene	19.060	202	25694	0.377	ng/ul	100
20) Pyrene	19.422	202	26781	0.351	ng/ul	100
21) Benzo(a)anthracene	21.174	228	21032	0.419	ng/ul	100
22) Chrysene	21.227	228	26730	0.371	ng/ul	100
24) Benzo(b)fluoranthene	22.746	252	23614	0.379	ng/ul	100
25) Benzo(k)fluoranthene	22.790	252	29626	0.357	ng/ul	100
26) Benzo(a)pyrene	23.319	252	21356	0.355	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.677	276	26277	0.388	ng/ul	100
28) Dibenzo(a,h)anthracene	25.697	278	19571	0.396	ng/ul	100
29) Benzo(g,h,i)perylene	26.368	276	21842	0.376	ng/ul	100

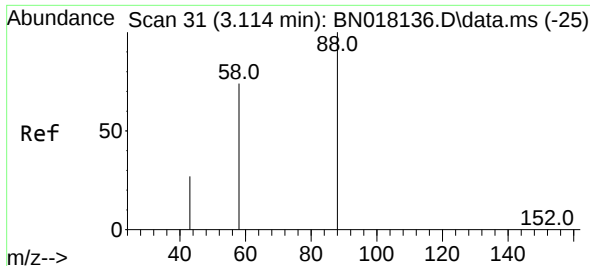
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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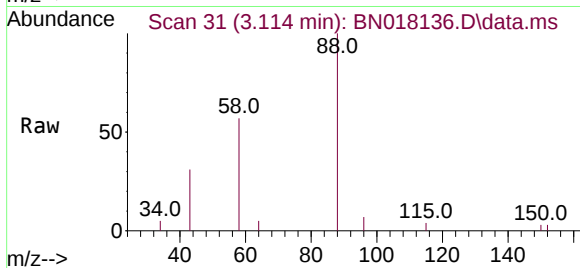
Quant Time: Dec 22 03:06:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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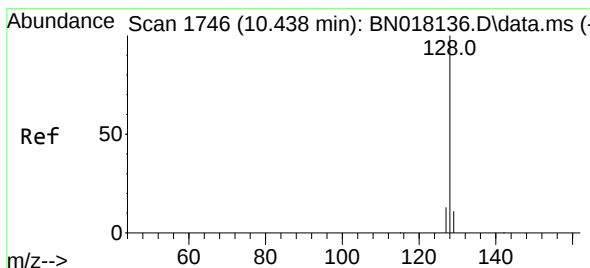
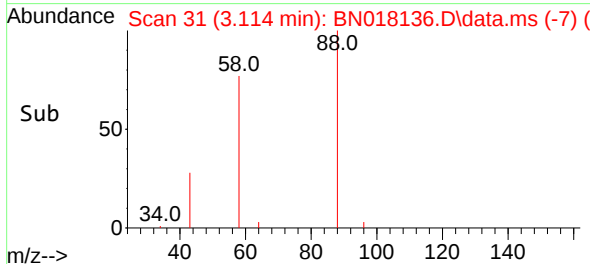
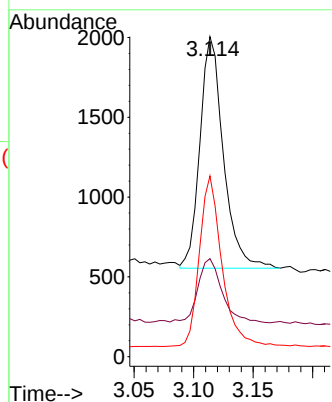
#2
1,4-Dioxane
Concen: 0.410 ng/ul
RT: 3.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4203



Tgt Ion: 88 Resp: 1987

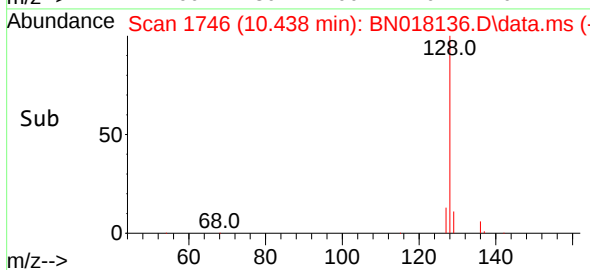
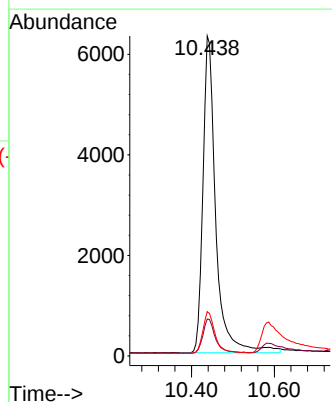
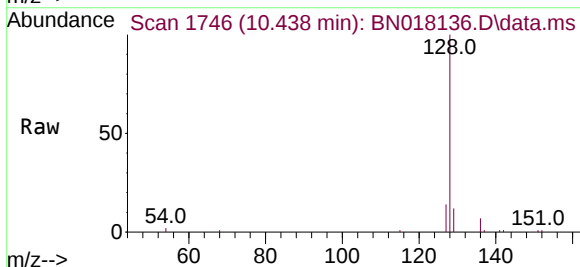
Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.6	36.8
58	56.5	45.2	67.8

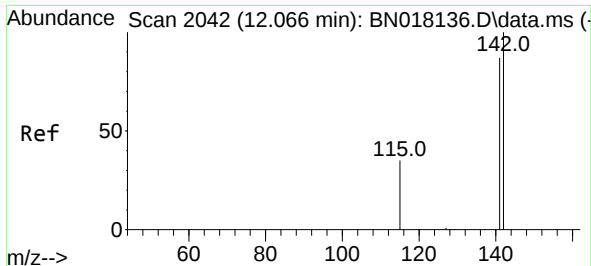


#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.438 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion: 128 Resp: 13523

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.9	11.1	16.7

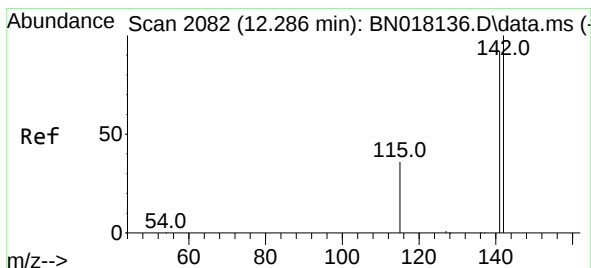
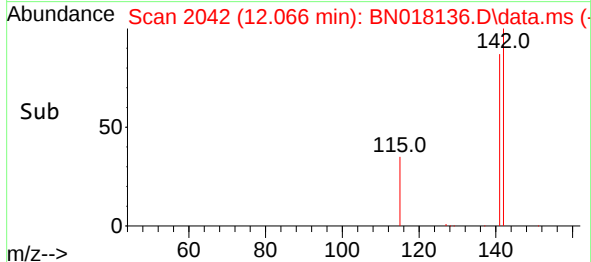
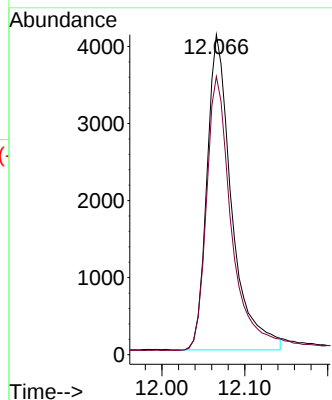
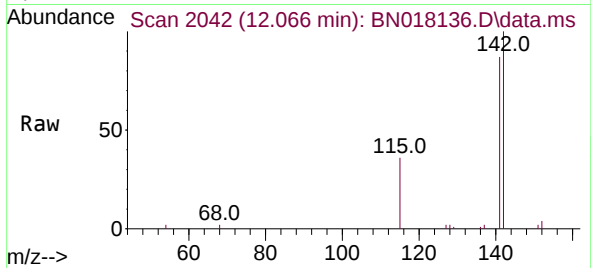




#7
2-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.066 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

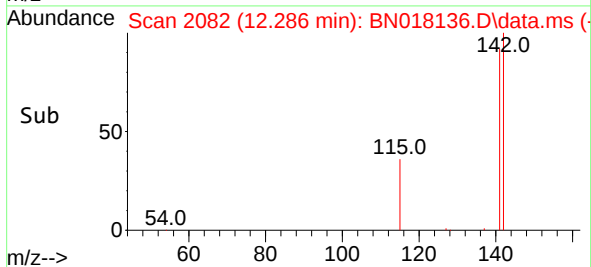
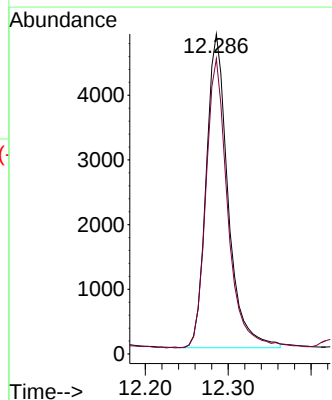
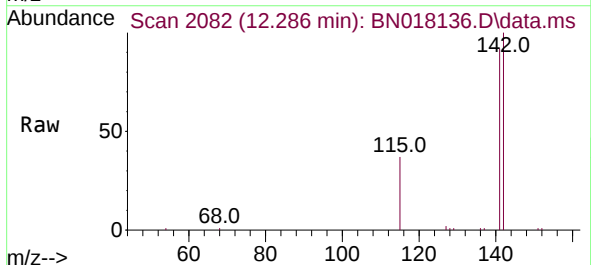
Instrument :
BNA_N
ClientSampleId :
SSTD0.4203

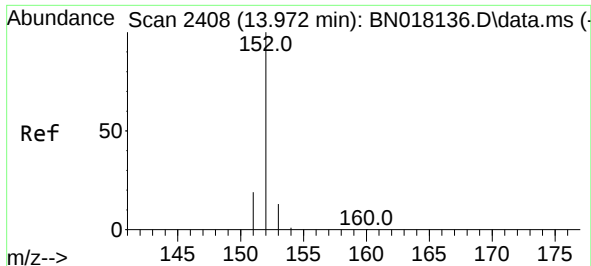
Tgt Ion:142 Resp: 8492
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.286 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion:142 Resp: 8899
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

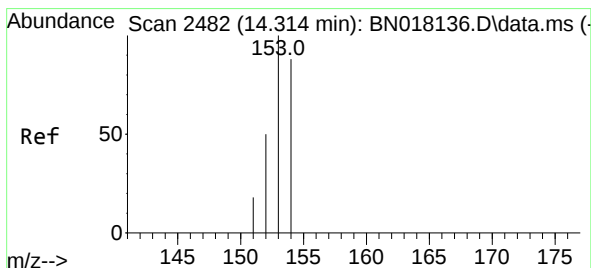
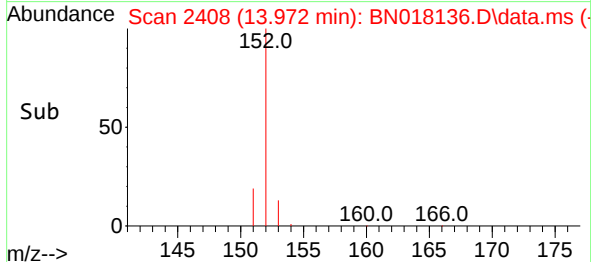
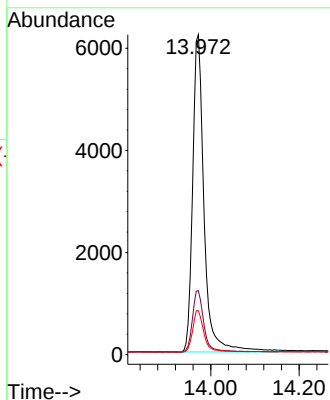
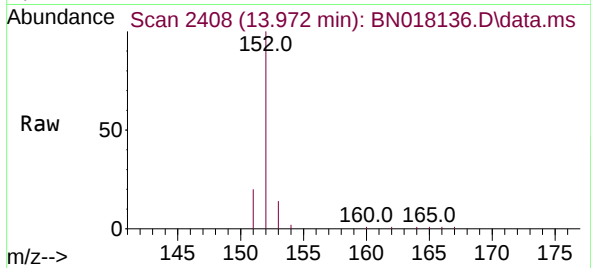




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 13.972 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

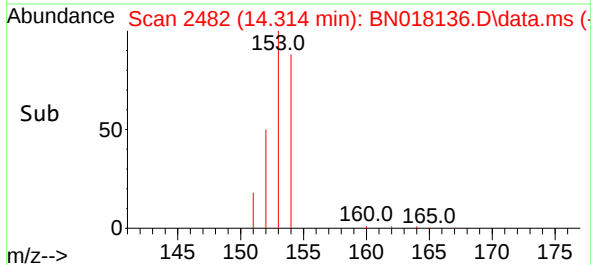
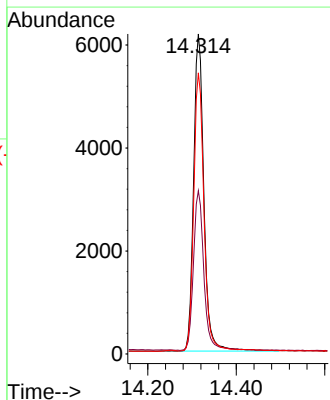
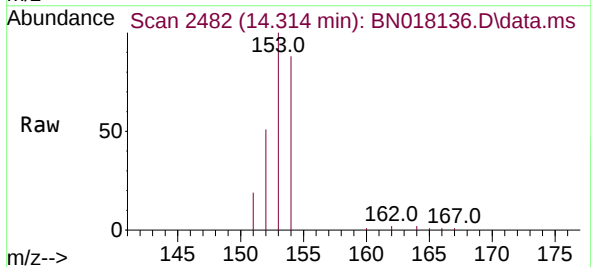
Instrument :
BNA_N
ClientSampleId :
SSTD0.4203

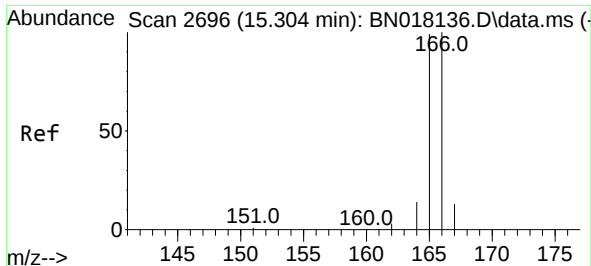
Tgt Ion:152 Resp: 11177
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.7 11.0 16.4



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.314 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion:153 Resp: 9963
Ion Ratio Lower Upper
153 100
152 51.0 40.8 61.2
154 87.9 70.3 105.5

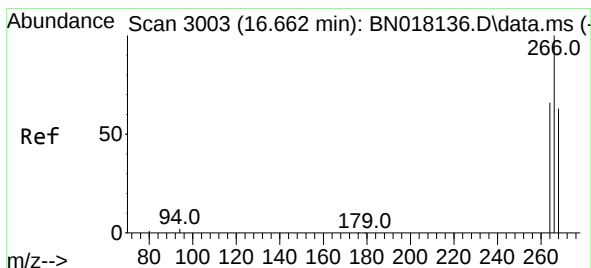
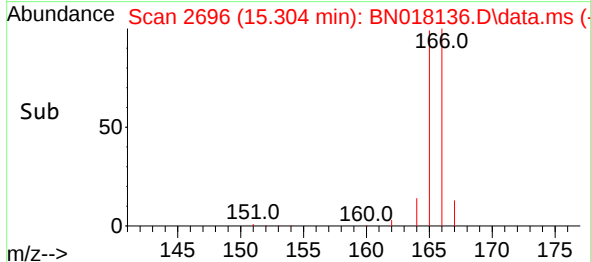
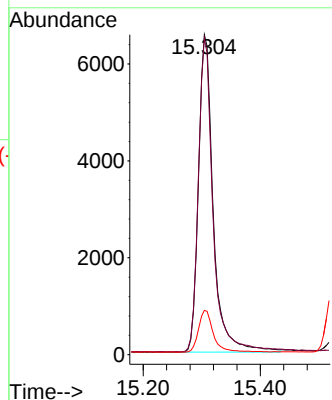
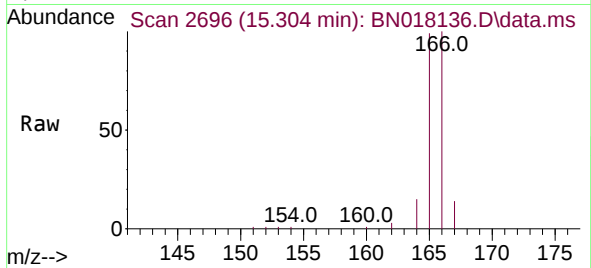




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.304 min Scan# 2696
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

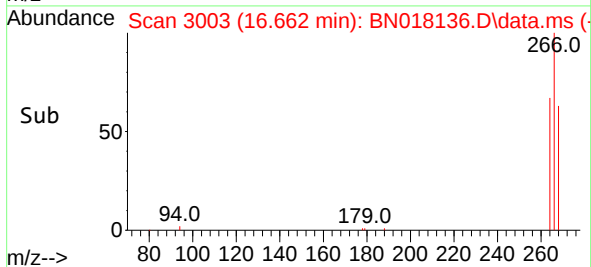
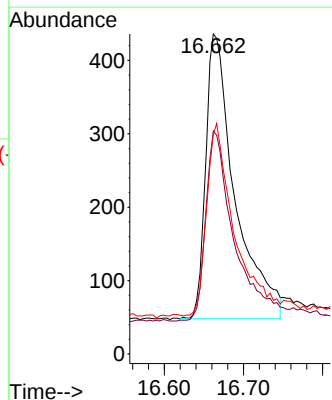
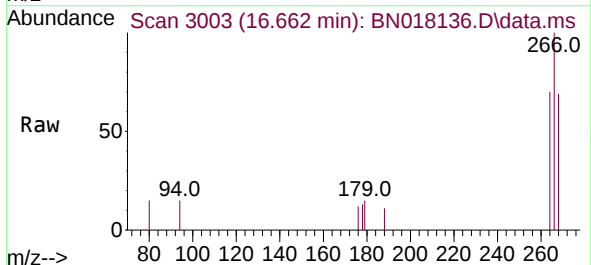
Instrument :
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ClientSampleId :
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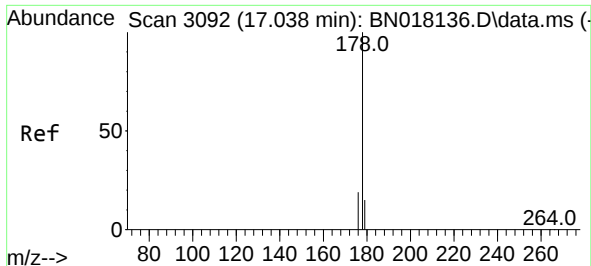
Tgt Ion:166 Resp: 11540
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.344 ng/ul
RT: 16.662 min Scan# 3003
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion:266 Resp: 996
Ion Ratio Lower Upper
266 100
264 64.9 51.9 77.9
268 64.7 51.8 77.6

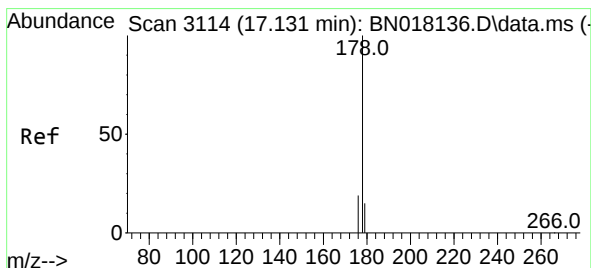
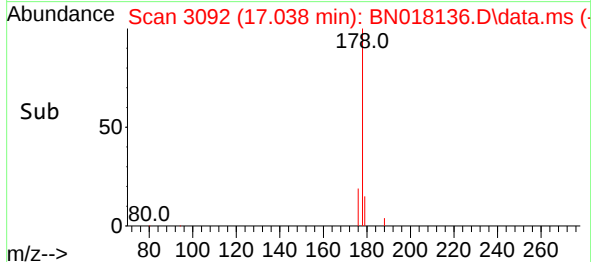
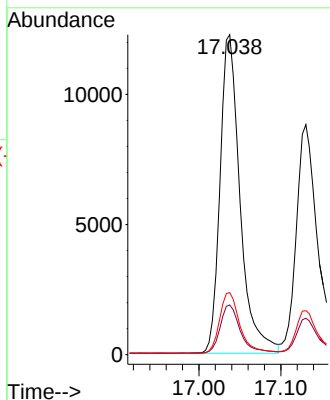
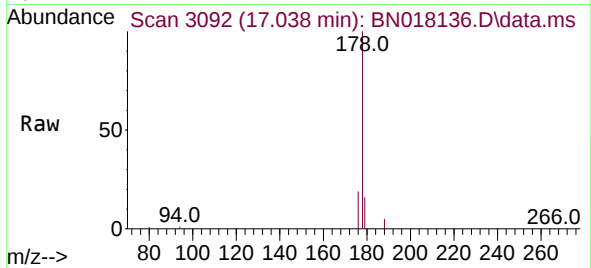




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.038 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

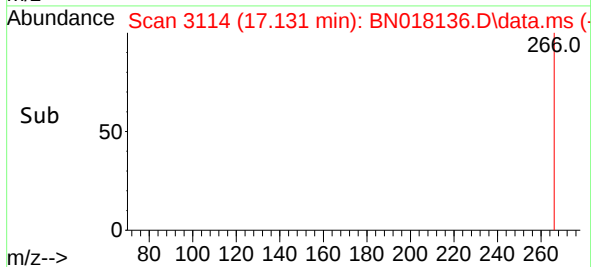
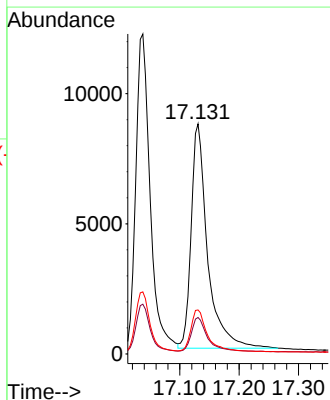
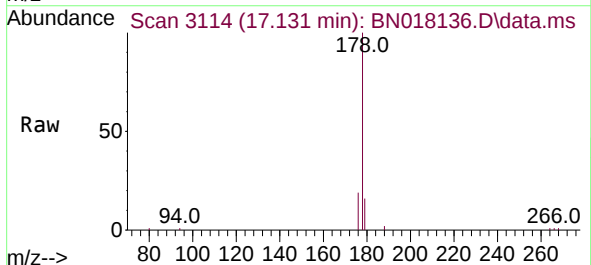
Instrument :
BNA_N
ClientSampleId :
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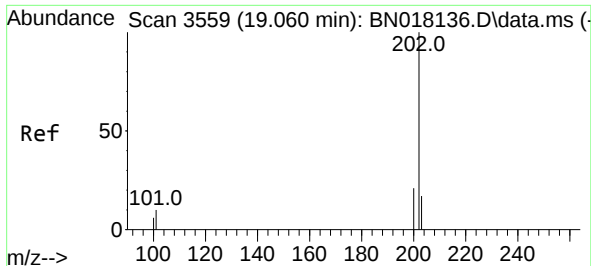
Tgt Ion:178 Resp: 20811
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.131 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion:178 Resp: 16529
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.1 15.3 22.9





#19

Fluoranthene

Concen: 0.377 ng/ul

RT: 19.060 min Scan# 3559

Delta R.T. 0.000 min

Lab File: BN018136.D

Acq: 21 Dec 2021 21:11

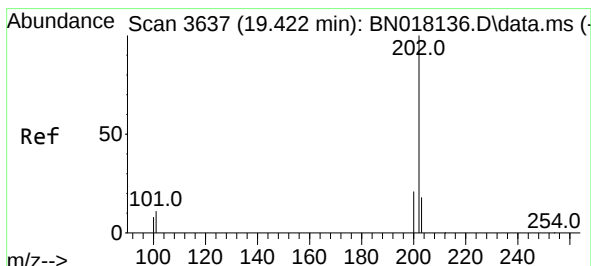
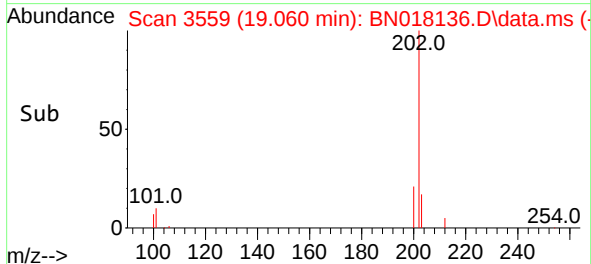
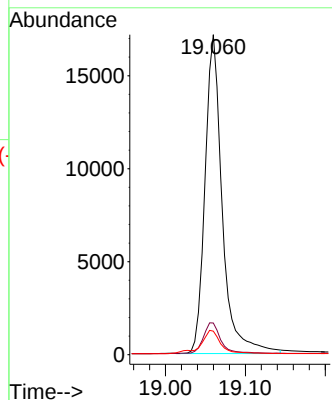
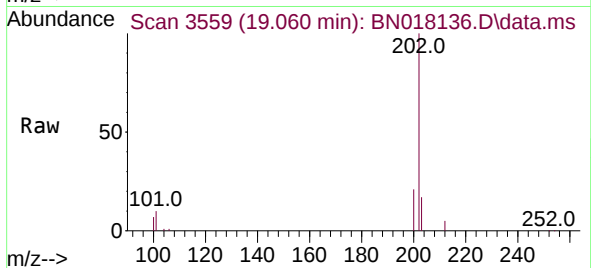
Instrument :

BNA_N

ClientSampleId :

SSTD0.4203

Tgt Ion:	202	Resp:	25694
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.9	11.9
100	7.3	5.8	8.8



#20

Pyrene

Concen: 0.351 ng/ul

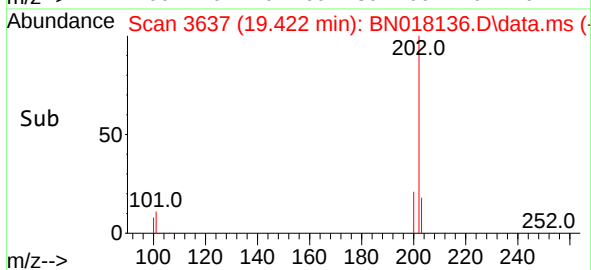
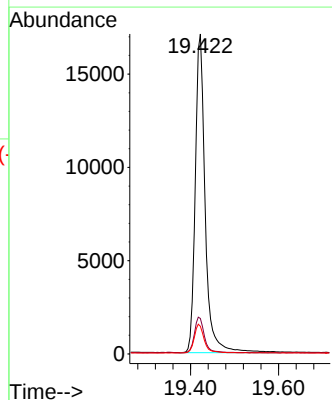
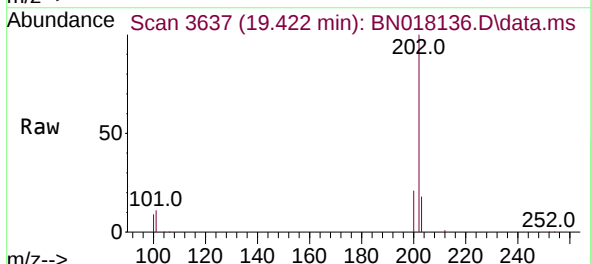
RT: 19.422 min Scan# 3637

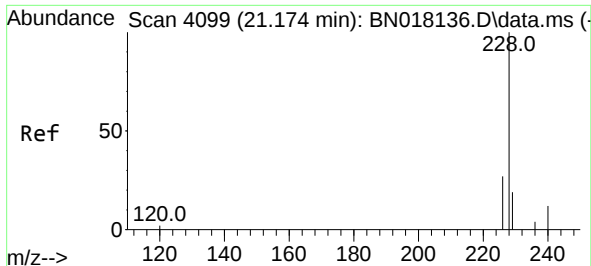
Delta R.T. 0.000 min

Lab File: BN018136.D

Acq: 21 Dec 2021 21:11

Tgt Ion:	202	Resp:	26781
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.9	13.3
100	8.7	7.0	10.4

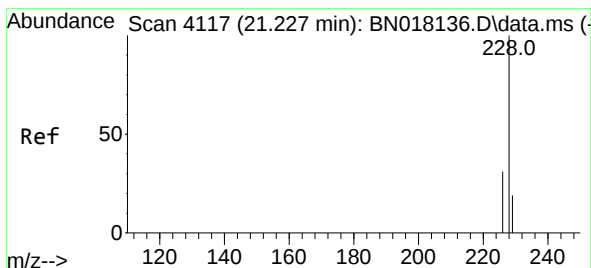
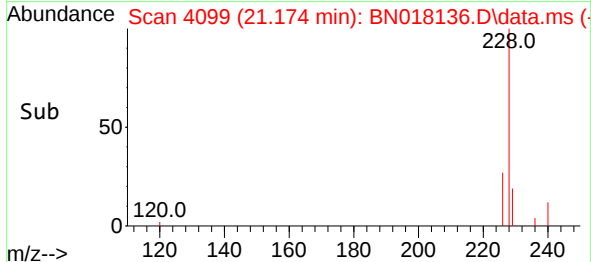
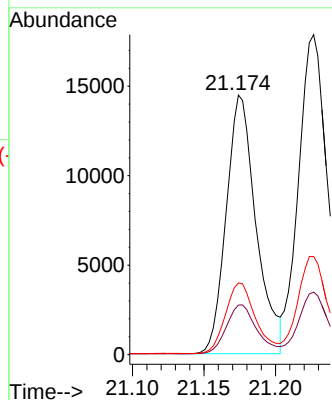
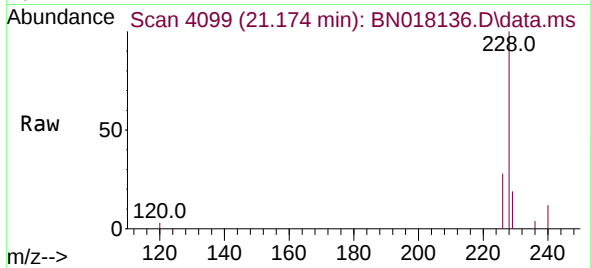




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.174 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

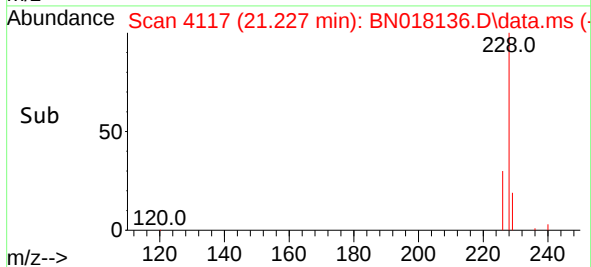
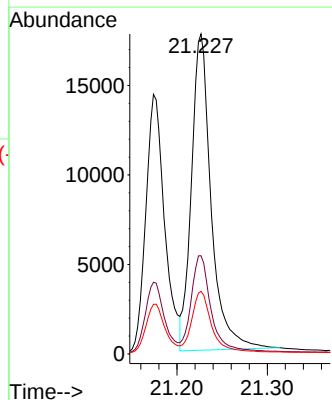
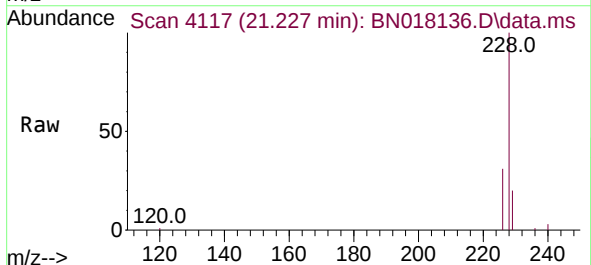
Instrument :
BNA_N
ClientSampleId :
SSTD0.4203

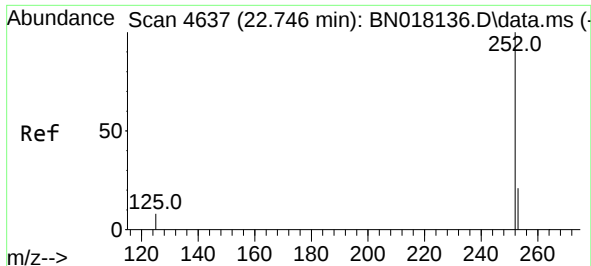
Tgt Ion:228 Resp: 21032
Ion Ratio Lower Upper
228 100
229 19.1 15.3 22.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.227 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion:228 Resp: 26730
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.6 15.7 23.5

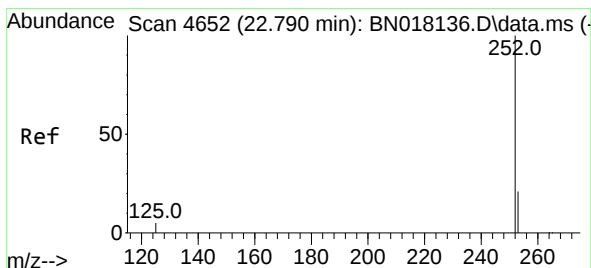
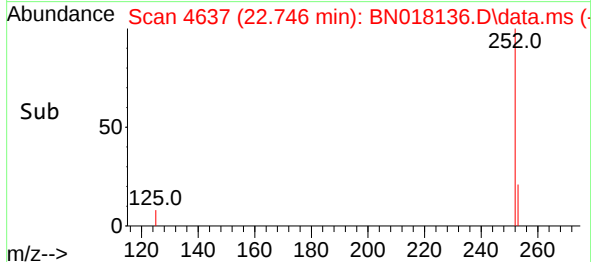
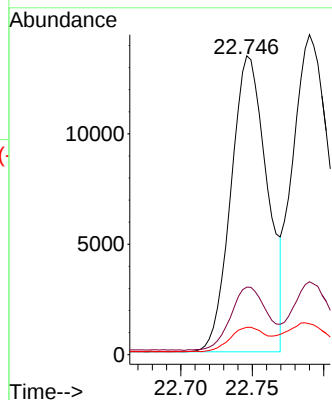
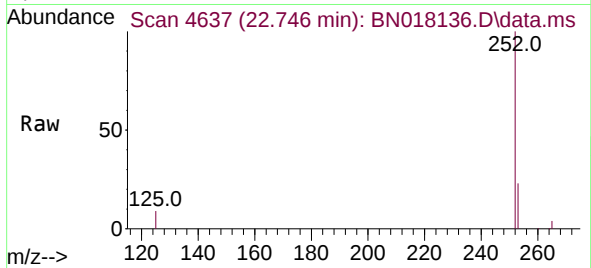




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.746 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

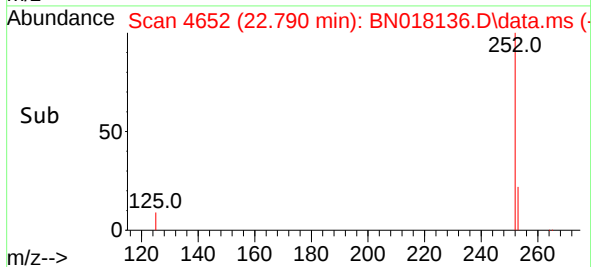
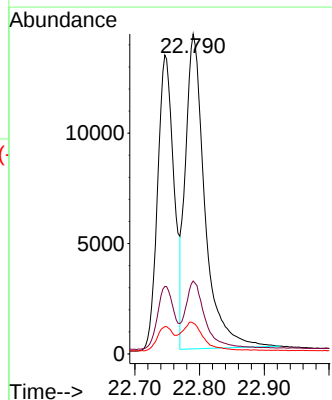
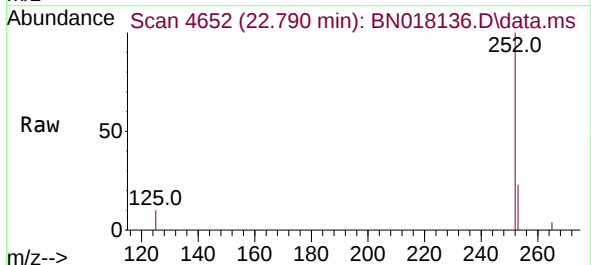
Instrument :
BNA_N
ClientSampleId :
SSTD0.4203

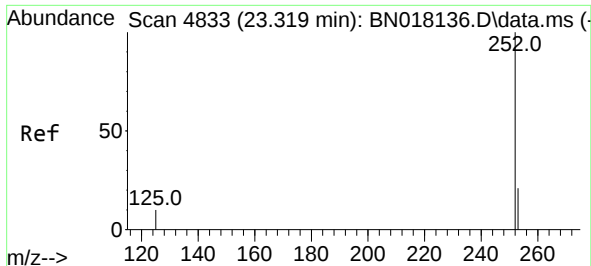
Tgt Ion:252	Resp:	23614
Ion Ratio	Lower	Upper
252	100	
253	22.6	0.0 45.2
125	9.1	0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 22.790 min Scan# 4652
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

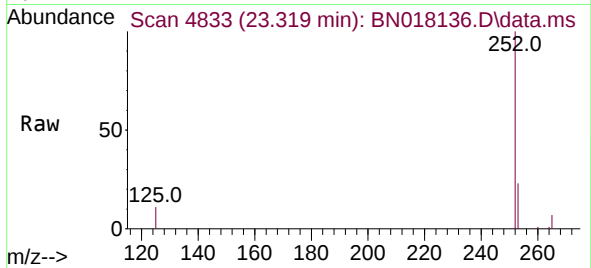
Tgt Ion:252	Resp:	29626
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.2 27.4
125	9.6	7.7 11.5



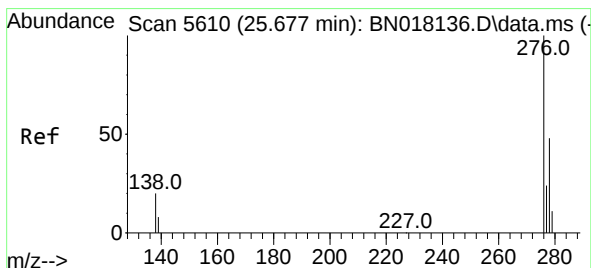
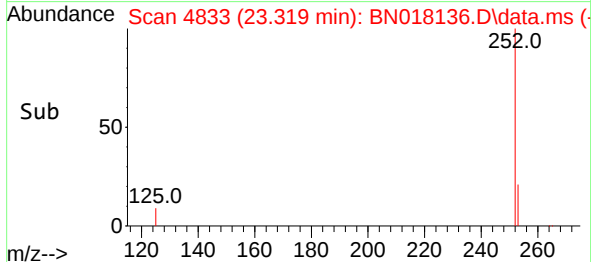
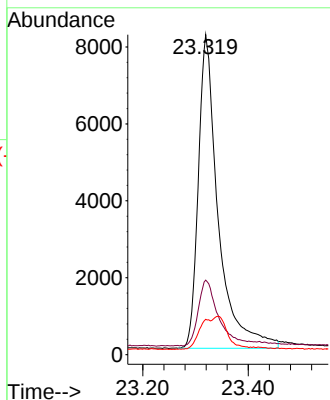


#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.319 min Scan# 4833
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4203

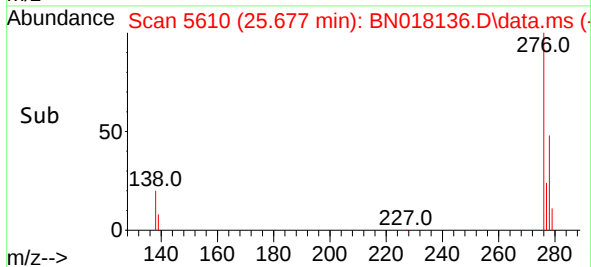
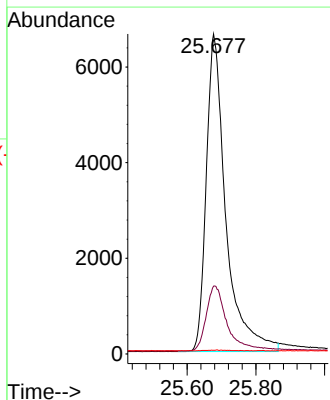
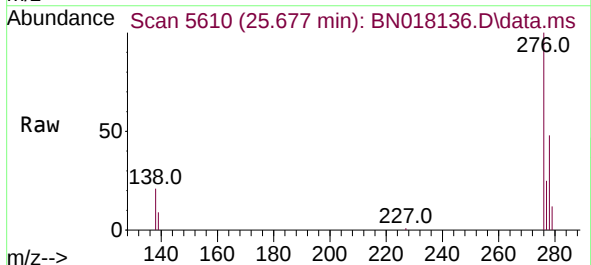


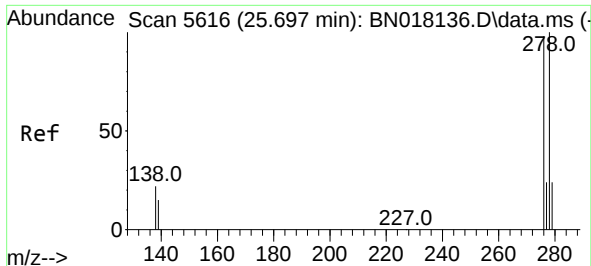
Tgt Ion:	252	Resp:	21356
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.6	28.0
125	11.0	8.8	13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.677 min Scan# 5610
Delta R.T. 0.000 min
Lab File: BN018136.D
Acq: 21 Dec 2021 21:11

Tgt Ion:	276	Resp:	26277
Ion Ratio	Lower	Upper	
276	100		
138	22.1	17.7	26.5
227	0.1	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.396 ng/ul

RT: 25.697 min Scan# 5616

Delta R.T. 0.000 min

Lab File: BN018136.D

Acq: 21 Dec 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4203

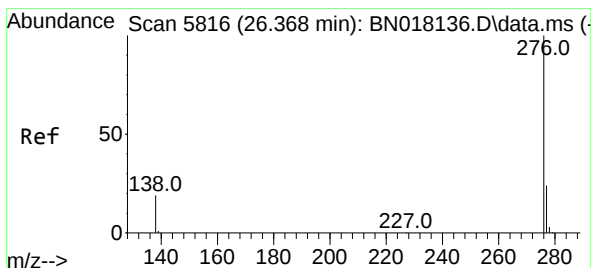
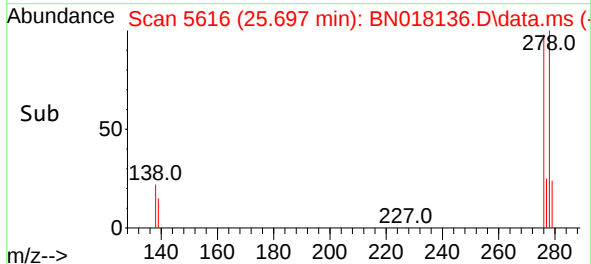
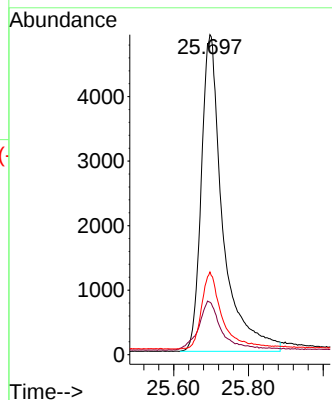
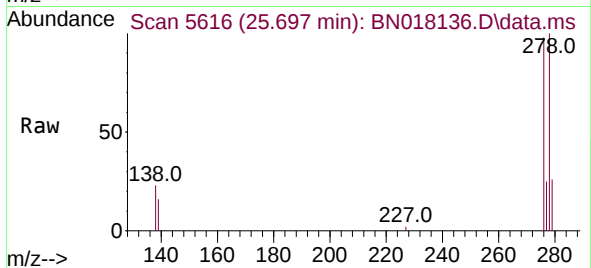
Tgt Ion:278 Resp: 19571

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

279 25.8 20.6 31.0



#29

Benzo(g,h,i)perylene

Concen: 0.376 ng/ul

RT: 26.368 min Scan# 5816

Delta R.T. 0.000 min

Lab File: BN018136.D

Acq: 21 Dec 2021 21:11

Tgt Ion:276 Resp: 21842

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.8

277 24.6 19.7 29.5

