

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122821\
 Data File : BN018245.D
 Acq On : 28 Dec 2021 19:16
 Operator : CG/JU
 Sample : PB141659BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS659

Quant Time: Dec 29 05:57:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 28 00:34:45 2021
 Response via : Initial Calibration

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

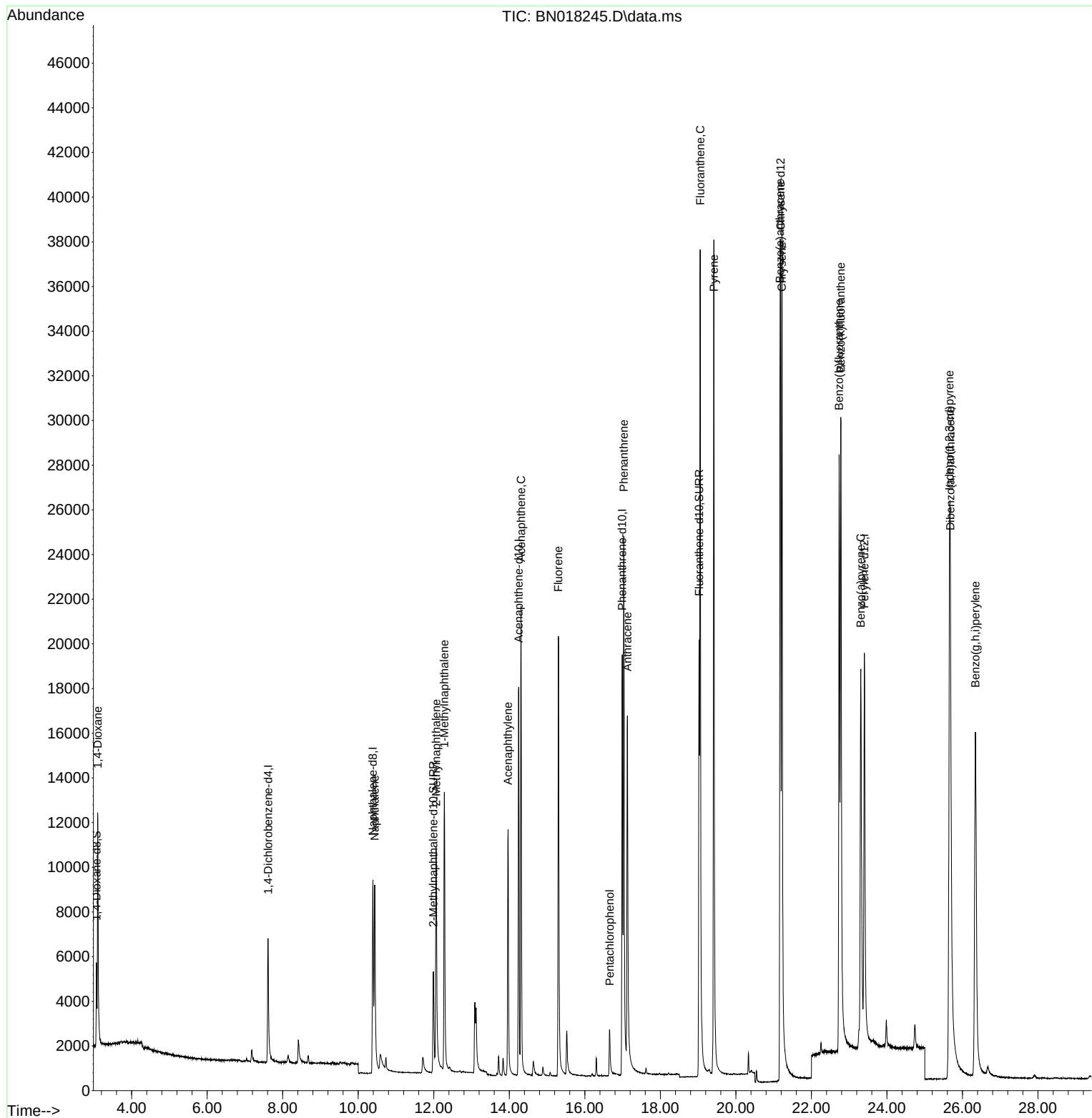
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.388	136	14749	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	10668	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	24885	0.400	ng/ul	0.00
17) Chrysene-d12	21.183	240	26067	0.400	ng/ul	0.00
23) Perylene-d12	23.404	264	25319	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.072	96	2915	0.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	7699	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	26762	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.101	88	7450	1.790	ng/ul#	75
5) Naphthalene	10.438	128	14340	0.328	ng/ul	100
7) 2-Methylnaphthalene	12.066	142	9733	0.304	ng/ul	100
8) 1-Methylnaphthalene	12.280	142	10076	0.312	ng/ul	100
10) Acenaphthylene	13.967	152	14519	0.315	ng/ul	100
11) Acenaphthene	14.310	153	12988	0.350	ng/ul	99
12) Fluorene	15.300	166	15531	0.339	ng/ul	98
14) Pentachlorophenol	16.658	266	1945	0.197	ng/ul	99
15) Phenanthrene	17.029	178	28636	0.348	ng/ul	98
16) Anthracene	17.126	178	22662	0.306	ng/ul	99
19) Fluoranthene	19.055	202	36976	0.357	ng/ul	100
20) Pyrene	19.418	202	38687	0.357	ng/ul	99
21) Benzo(a)anthracene	21.168	228	30641	0.308	ng/ul	100
22) Chrysene	21.218	228	39768	0.369	ng/ul	99
24) Benzo(b)fluoranthene	22.734	252	36551	0.345	ng/ul	100
25) Benzo(k)fluoranthene	22.778	252	45533	0.377	ng/ul	100
26) Benzo(a)pyrene	23.305	252	33955	0.338	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.657	276	44948	0.352	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.681	278	33917	0.343	ng/ul	99
29) Benzo(g,h,i)perylene	26.341	276	38658	0.355	ng/ul	99

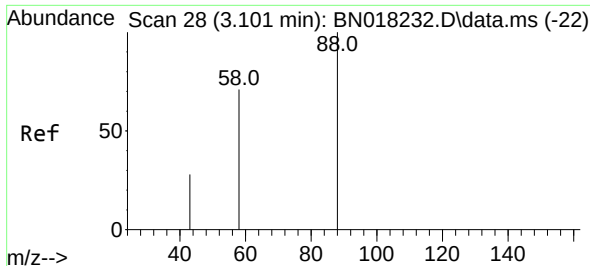
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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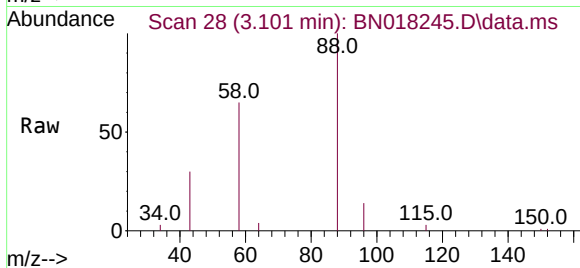
Quant Time: Dec 29 05:57:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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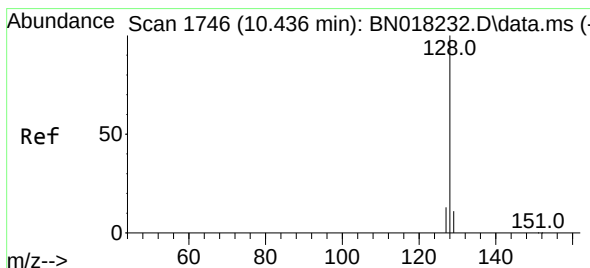
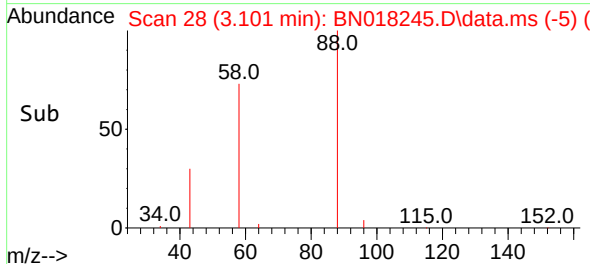
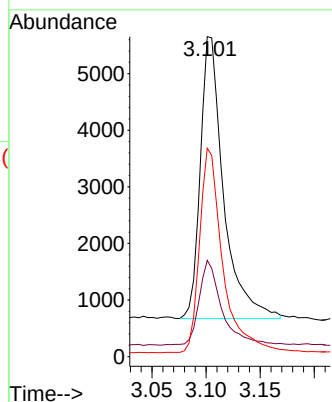


#2
 1,4-Dioxane
 Concen: 1.790 ng/ul
 RT: 3.101 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN018245.D
 Acq: 28 Dec 2021 19:16

Instrument :
 BNA_N
 ClientSampleId :
 SLCS659

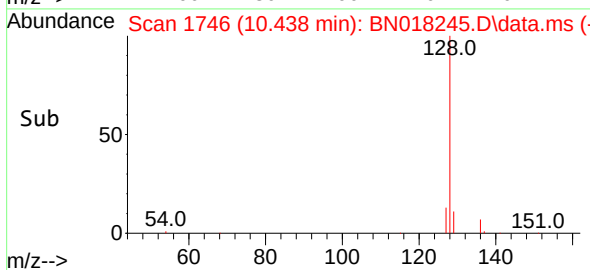
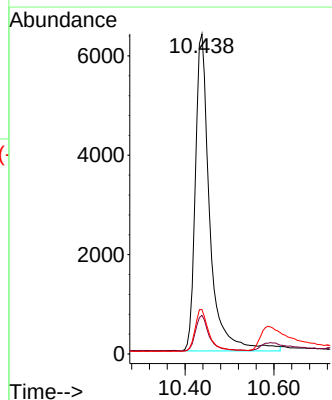
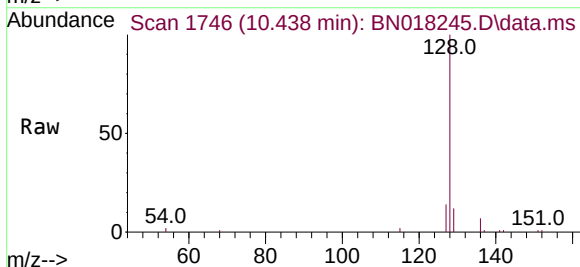


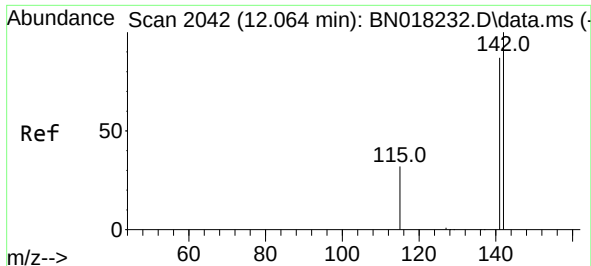
Tgt Ion: 88 Resp: 7450
 Ion Ratio Lower Upper
 88 100
 43 30.1 47.8 71.8#
 58 65.2 46.2 69.2



#5
 Naphthalene
 Concen: 0.328 ng/ul
 RT: 10.438 min Scan# 1746
 Delta R.T. 0.001 min
 Lab File: BN018245.D
 Acq: 28 Dec 2021 19:16

Tgt Ion: 128 Resp: 14340
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.4 14.0
 127 13.8 11.0 16.6

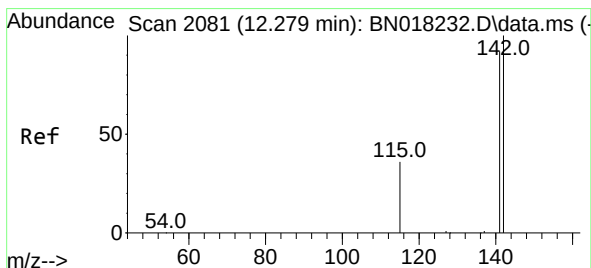
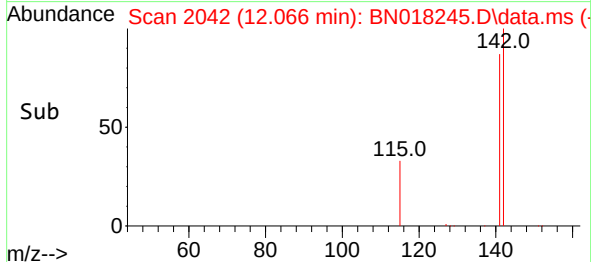
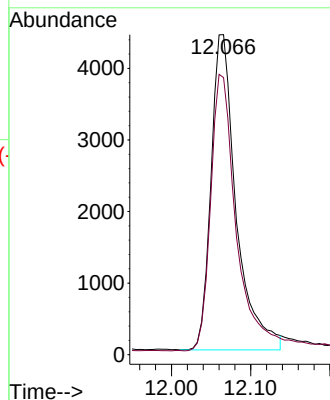
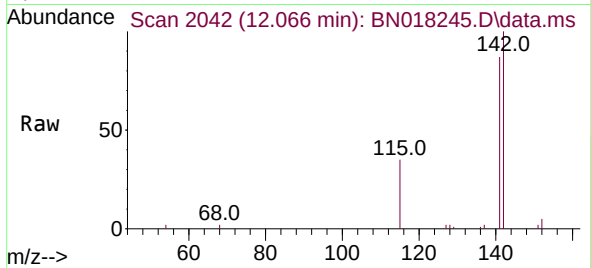




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.066 min Scan# 2042
Delta R.T. 0.007 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

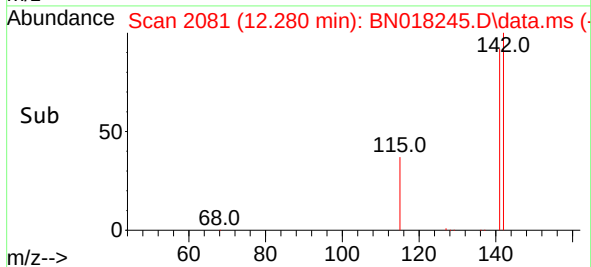
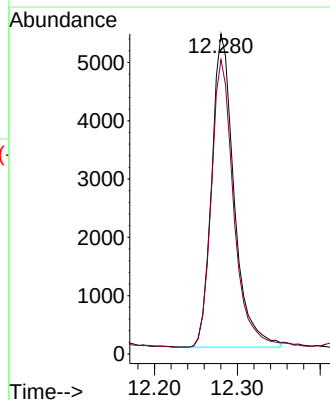
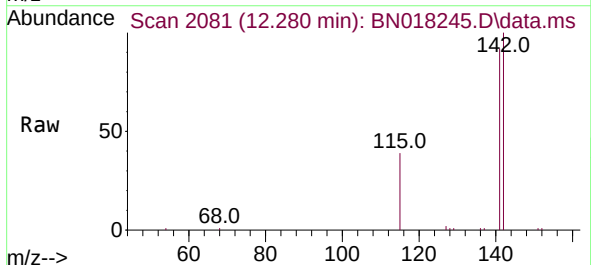
Instrument :
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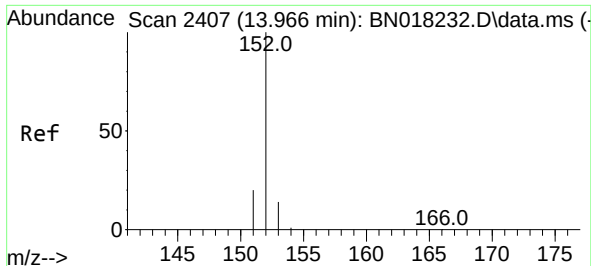
Tgt Ion:142 Resp: 9733
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.280 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:142 Resp: 10076
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8

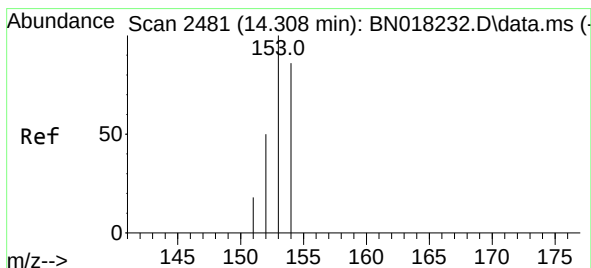
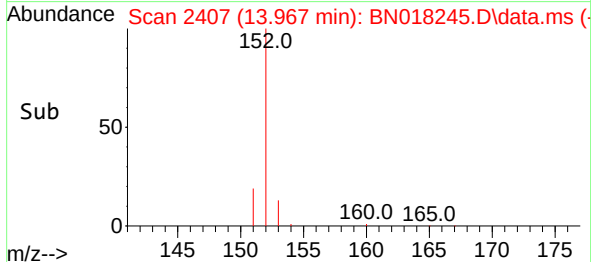
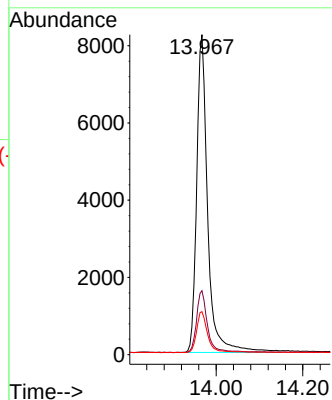
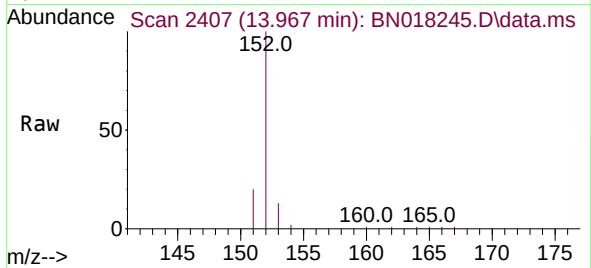




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 13.967 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

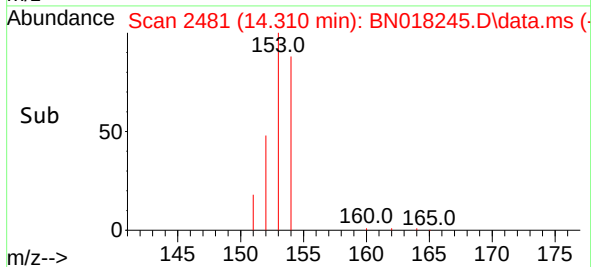
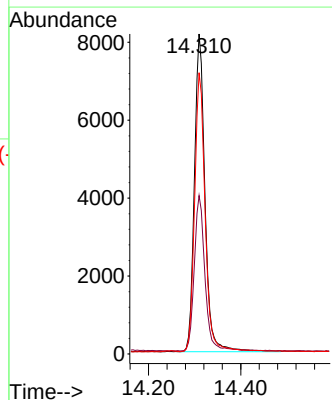
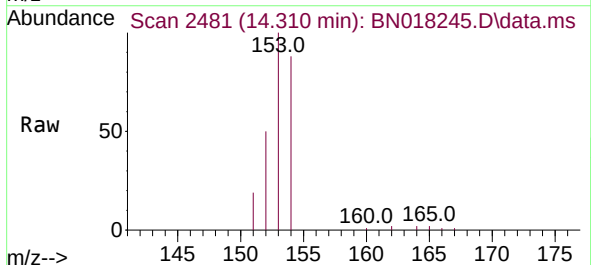
Instrument :
BNA_N
ClientSampleId :
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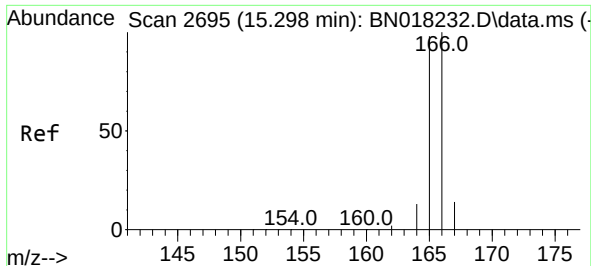
Tgt Ion:152	Resp:	14519
Ion Ratio	Lower	Upper
152	100	
151	20.0	15.8 23.8
153	13.5	10.7 16.1



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.310 min Scan# 2481
Delta R.T. 0.001 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:153	Resp:	12988
Ion Ratio	Lower	Upper
153	100	
152	49.5	39.7 59.5
154	87.9	70.9 106.3

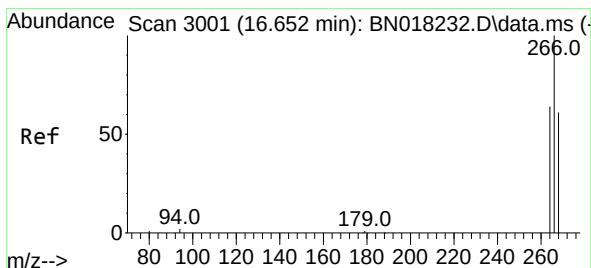
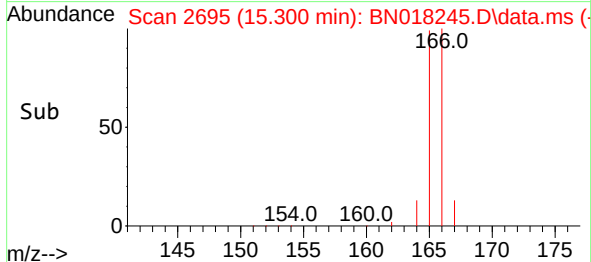
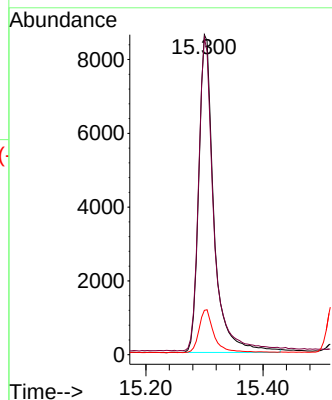
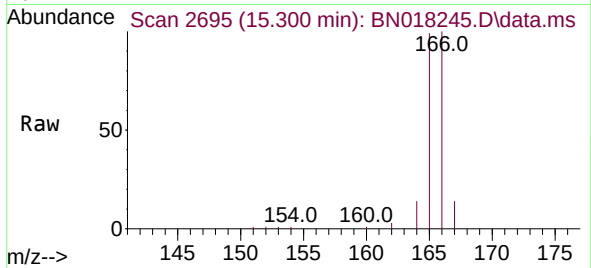




#12
 Fluorene
 Concen: 0.339 ng/ul
 RT: 15.300 min Scan# 2000
 Delta R.T. 0.001 min
 Lab File: BN018245.D
 Acq: 28 Dec 2021 19:16

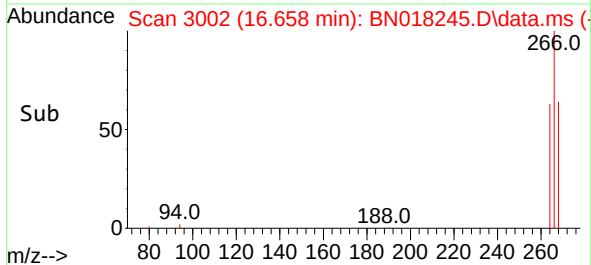
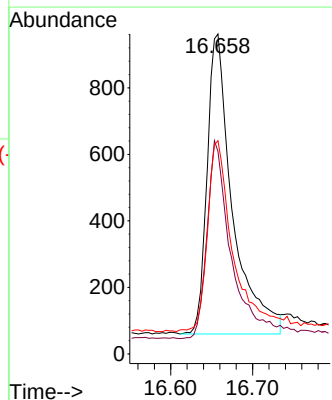
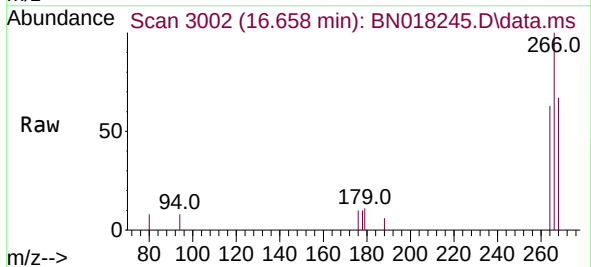
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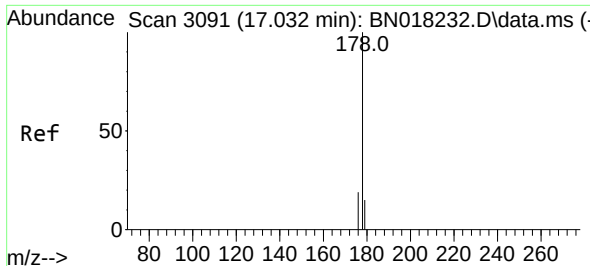
Tgt Ion:166	Resp:	15531
Ion	Ratio	Lower Upper
166	100	
165	99.1	77.8 116.6
167	13.9	11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.197 ng/ul
 RT: 16.658 min Scan# 3002
 Delta R.T. 0.006 min
 Lab File: BN018245.D
 Acq: 28 Dec 2021 19:16

Tgt Ion:266	Resp:	1945
Ion	Ratio	Lower Upper
266	100	
264	63.7	49.9 74.9
268	64.7	51.7 77.5

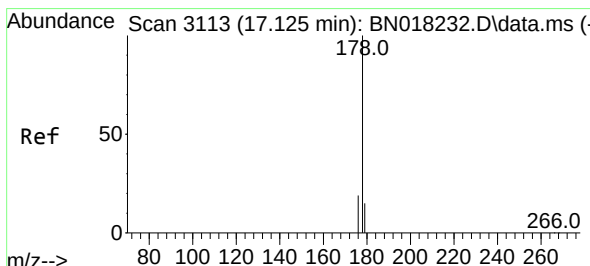
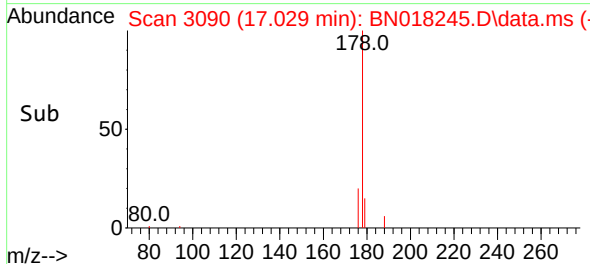
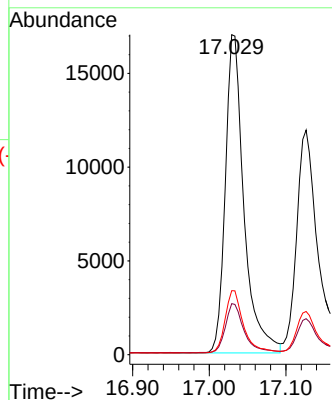
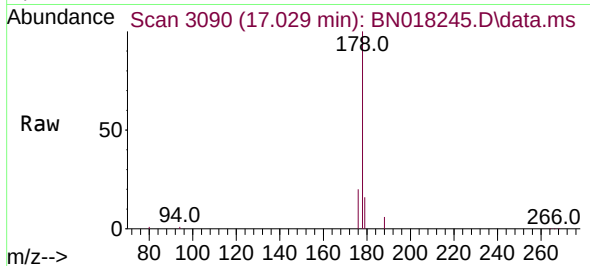




#15
Phenanthrene
Concen: 0.348 ng/u1
RT: 17.029 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

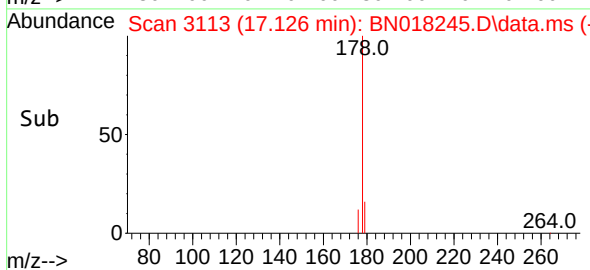
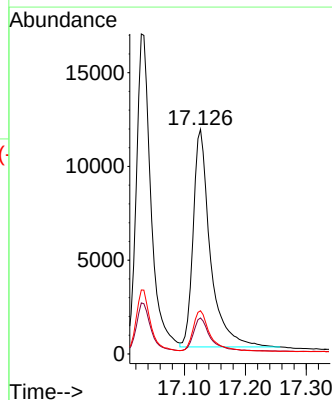
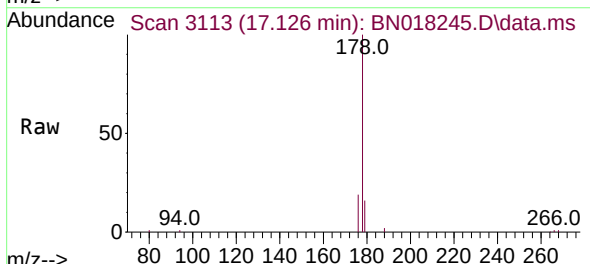
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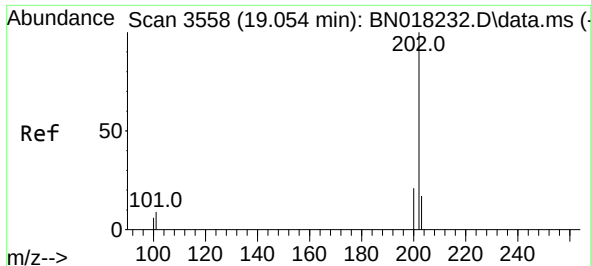
Tgt Ion:178 Resp: 28636
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 20.0 15.4 23.2



#16
Anthracene
Concen: 0.306 ng/u1
RT: 17.126 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:178 Resp: 22662
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.2 15.5 23.3

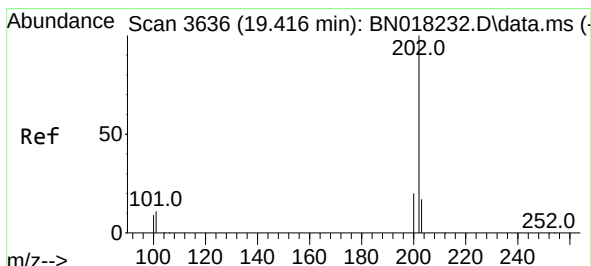
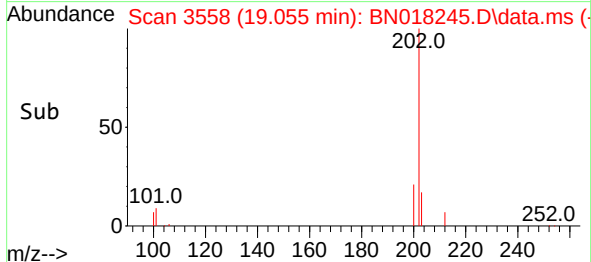
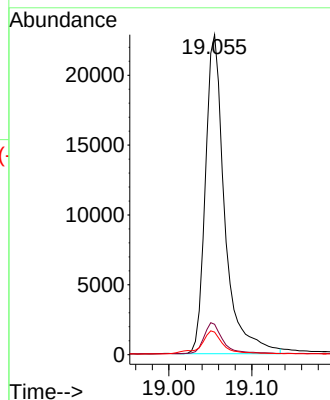
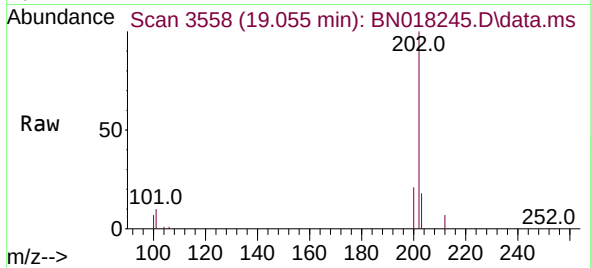




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.055 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

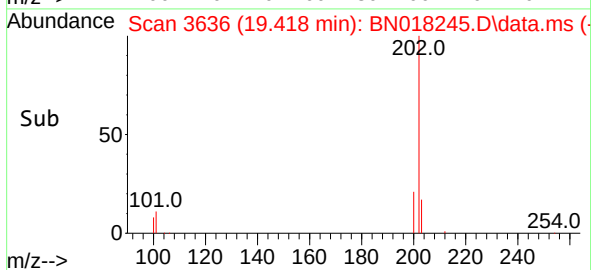
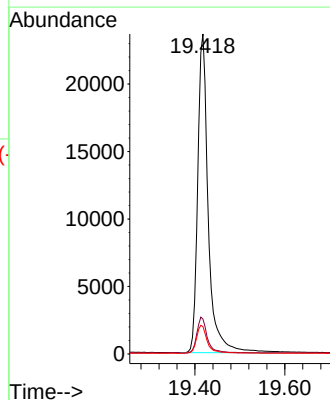
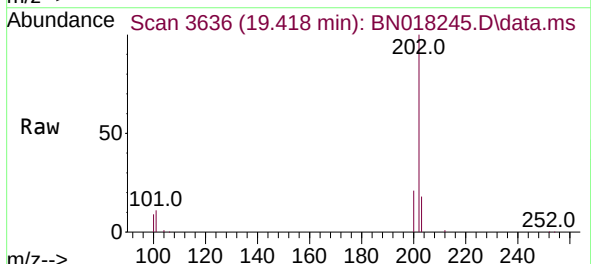
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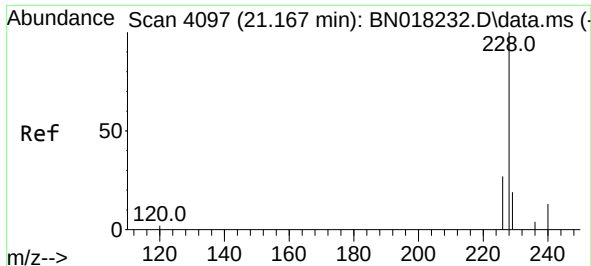
Tgt Ion:202 Resp: 36976
Ion Ratio Lower Upper
202 100
101 9.5 7.5 11.3
100 7.0 5.4 8.2



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.418 min Scan# 3636
Delta R.T. 0.001 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:202 Resp: 38687
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.6 7.0 10.4

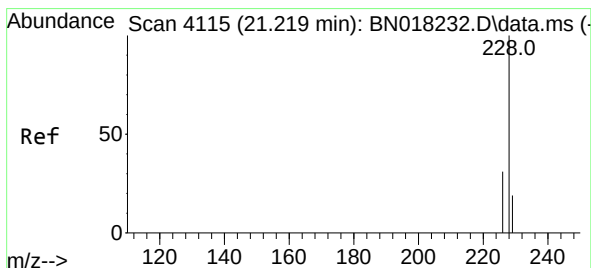
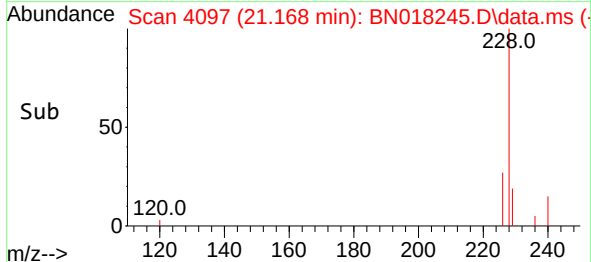
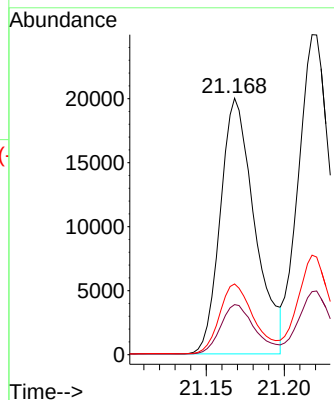
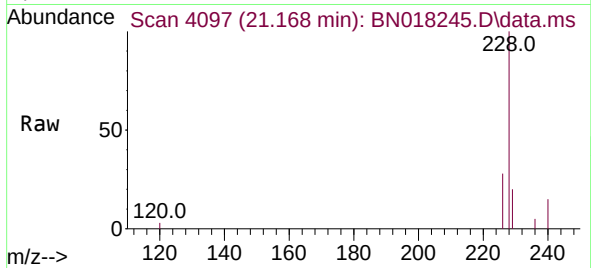




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.168 min Scan# 4097
Delta R.T. -0.001 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

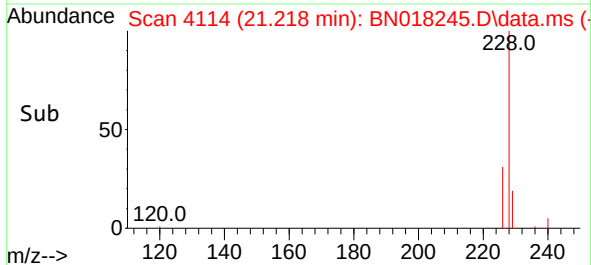
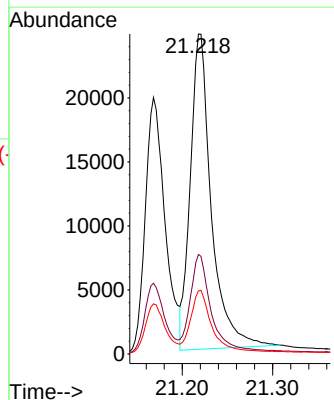
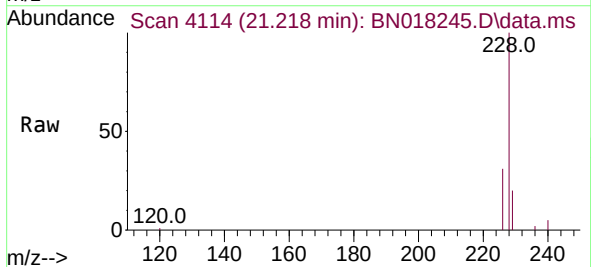
Instrument :
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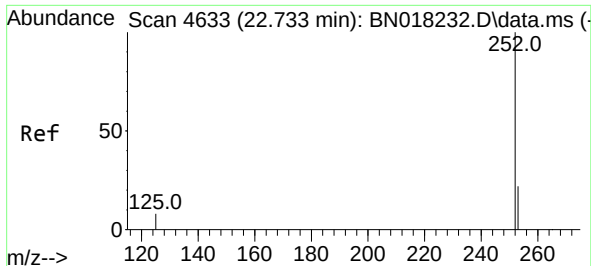
Tgt Ion:228	Resp:	30641
Ion Ratio	Lower	Upper
228	100	
229	19.5	15.6 23.4
226	27.6	22.1 33.1



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.218 min Scan# 4114
Delta R.T. -0.004 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:228	Resp:	39768
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.2 36.4
229	19.7	15.7 23.5

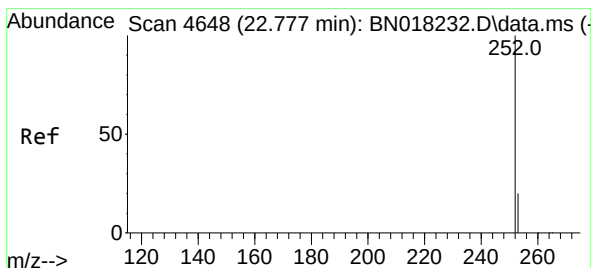
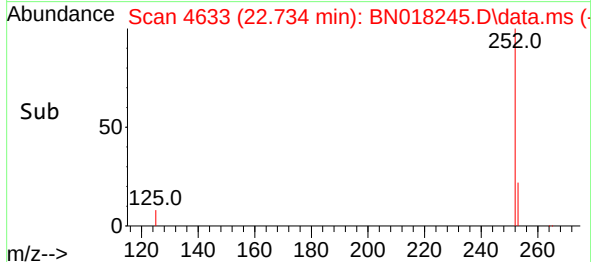
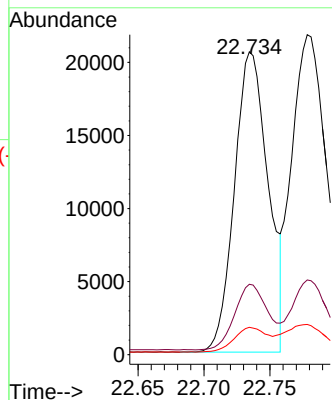
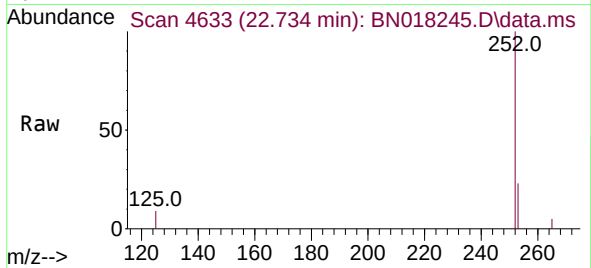




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 22.734 min Scan# 4633
Delta R.T. -0.004 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

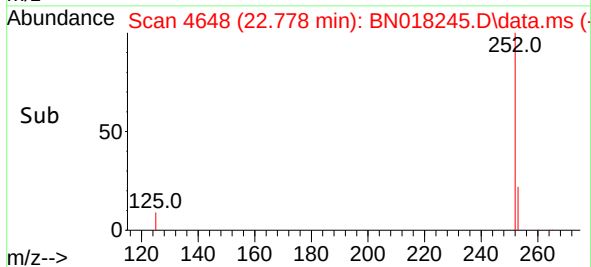
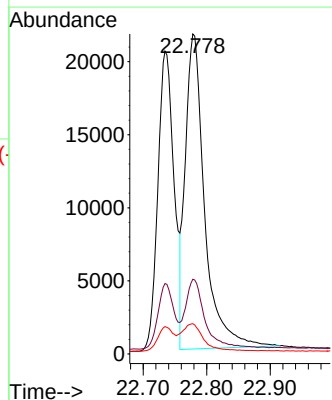
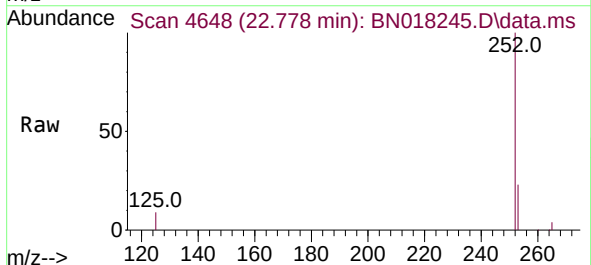
Instrument :
BNA_N
ClientSampleId :
SLCS659

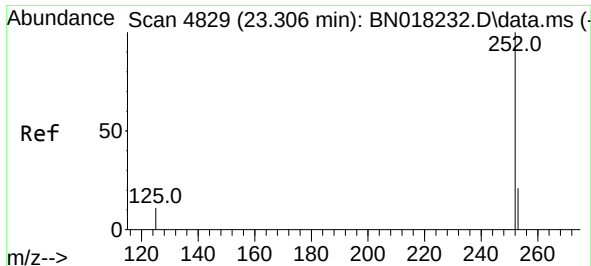
Tgt Ion:252	Resp:	36551
Ion Ratio	Lower	Upper
252	100	
253	23.3	0.0 46.4
125	9.0	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.778 min Scan# 4648
Delta R.T. -0.004 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:252	Resp:	45533
Ion Ratio	Lower	Upper
252	100	
253	23.3	18.6 28.0
125	9.5	7.3 10.9

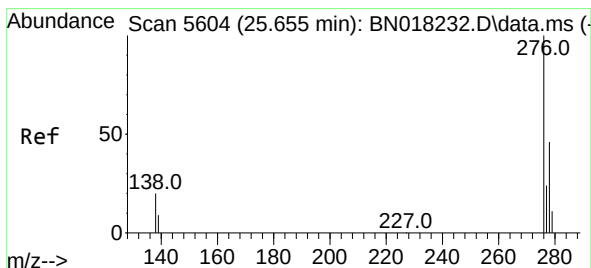
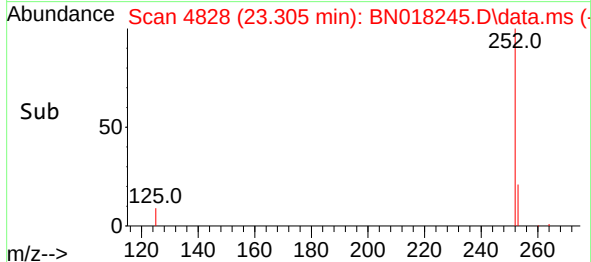
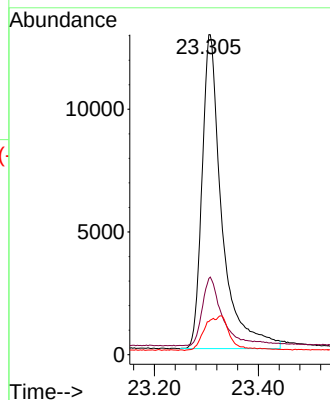
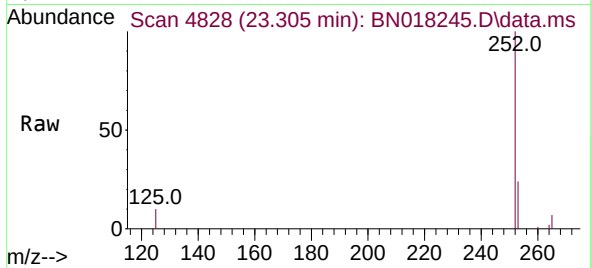




#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.305 min Scan# 4828
Delta R.T. -0.004 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

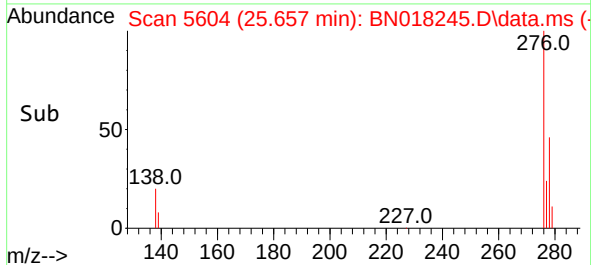
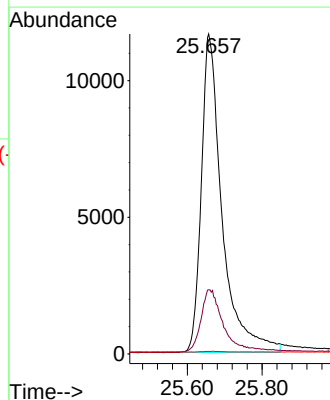
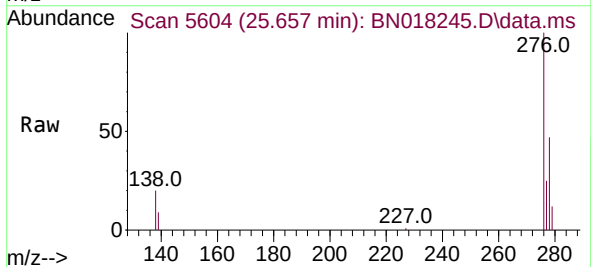
Instrument :
BNA_N
ClientSampleId :
SLCS659

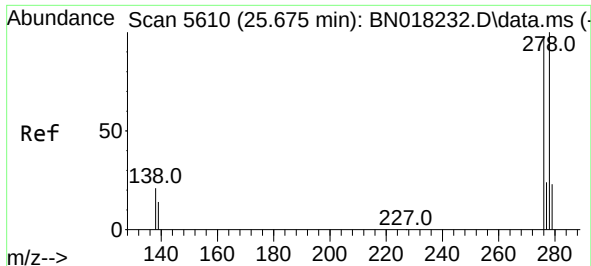
Tgt Ion:252 Resp: 33955
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 10.3 8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 25.657 min Scan# 5604
Delta R.T. -0.008 min
Lab File: BN018245.D
Acq: 28 Dec 2021 19:16

Tgt Ion:276 Resp: 44948
Ion Ratio Lower Upper
276 100
138 21.5 16.5 24.7
227 0.2 0.1 0.1#

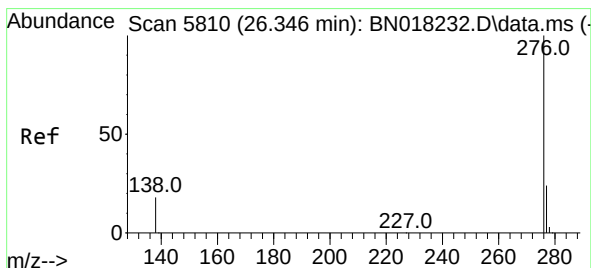
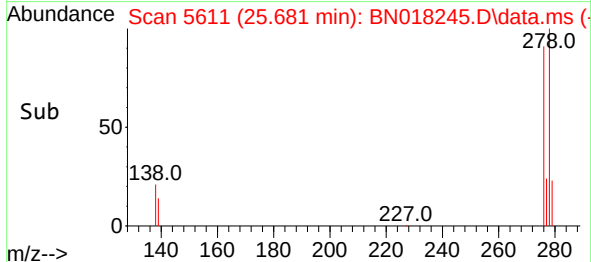
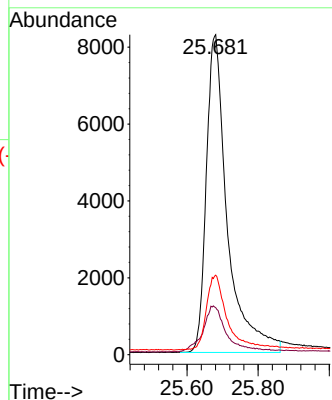
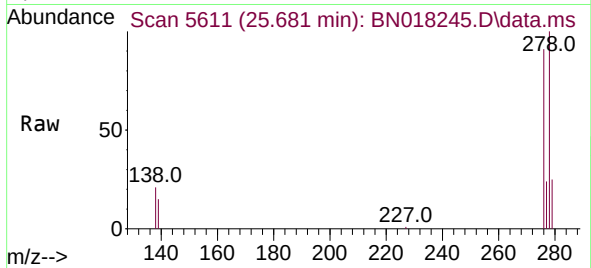




#28
 Dibenzo(a,h)anthracene
 Concen: 0.343 ng/ul
 RT: 25.681 min Scan# 5611
 Delta R.T. -0.001 min
 Lab File: BN018245.D
 Acq: 28 Dec 2021 19:16

Instrument :
 BNA_N
 ClientSampleId :
 SLCS659

Tgt Ion:278 Resp: 33917
 Ion Ratio Lower Upper
 278 100
 139 14.7 11.9 17.9
 279 24.8 19.5 29.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.355 ng/ul
 RT: 26.341 min Scan# 5808
 Delta R.T. -0.012 min
 Lab File: BN018245.D
 Acq: 28 Dec 2021 19:16

Tgt Ion:276 Resp: 38658
 Ion Ratio Lower Upper
 276 100
 138 18.7 14.4 21.6
 277 24.2 19.2 28.8

