

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019824.D
 Acq On : 18 May 2022 10:31
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 19 03:19:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

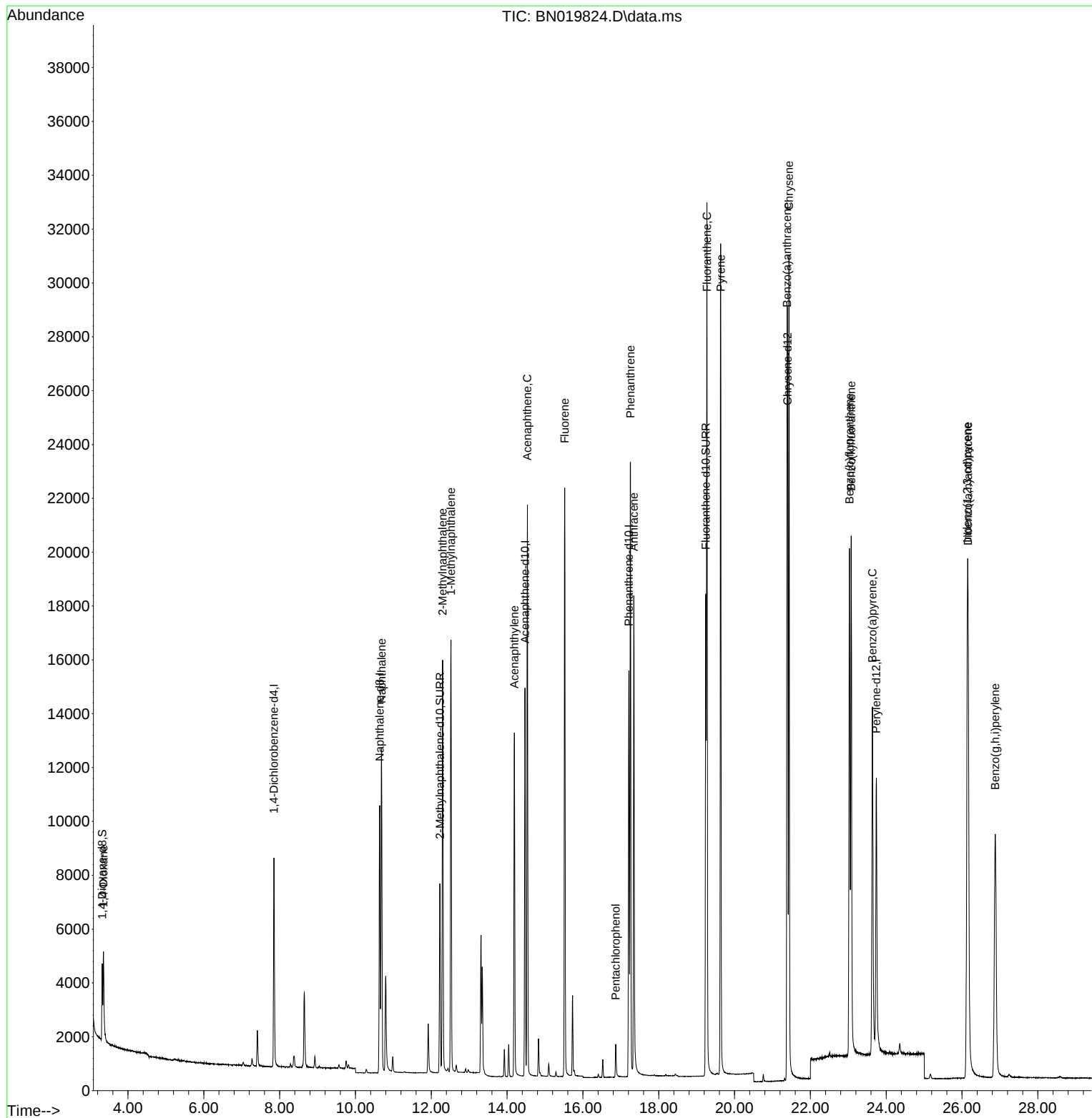
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4267	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13906	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	8315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18120	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	17179	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	14517	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2003	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	9572	0.455	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	20911	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	2031	0.379	ng/ul#	84
5) Naphthalene	10.689	128	17367	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	11323	0.413	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	11503	0.453	ng/ul#	100
10) Acenaphthylene	14.192	152	15454	0.376	ng/ul	99
11) Acenaphthene	14.534	153	12492	0.378	ng/ul	99
12) Fluorene	15.520	166	14223	0.392	ng/ul	100
14) Pentachlorophenol	16.867	266	935	0.240	ng/ul	89
15) Phenanthrene	17.255	178	25032	0.376	ng/ul	99
16) Anthracene	17.344	178	20625	0.379	ng/ul	99
19) Fluoranthene	19.271	202	27875	0.355	ng/ul	100
20) Pyrene	19.634	202	27780	0.354	ng/ul	100
21) Benzo(a)anthracene	21.384	228	22356	0.348	ng/ul	99
22) Chrysene	21.436	228	27394	0.362	ng/ul	100
24) Benzo(b)fluoranthene	23.029	252	25652	0.348	ng/ul	91
25) Benzo(k)fluoranthene	23.076	252	25442	0.359	ng/ul	97
26) Benzo(a)pyrene	23.634	252	22182	0.354	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.143	276	25414	0.325	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.159	278	20809	0.318	ng/ul#	80
29) Benzo(g,h,i)perylene	26.877	276	21306	0.298	ng/ul	96

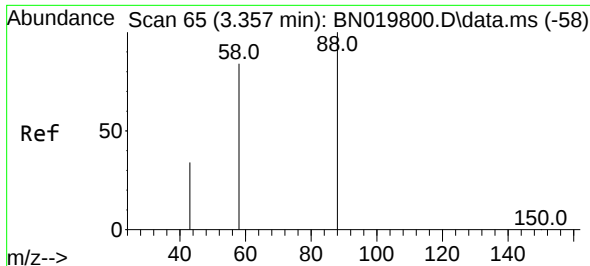
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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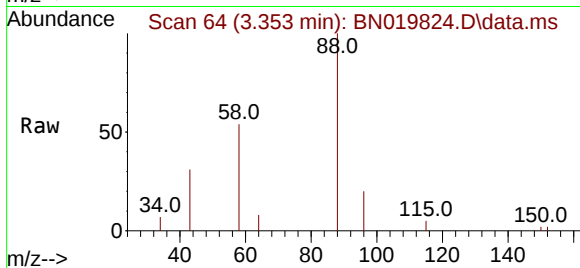
Quant Time: May 19 03:19:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



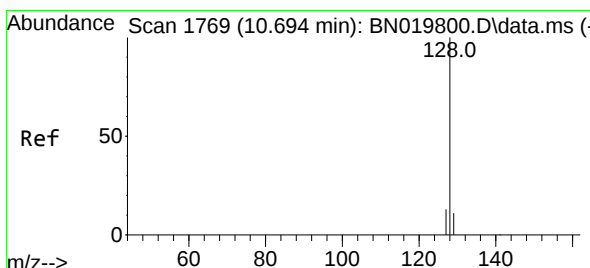
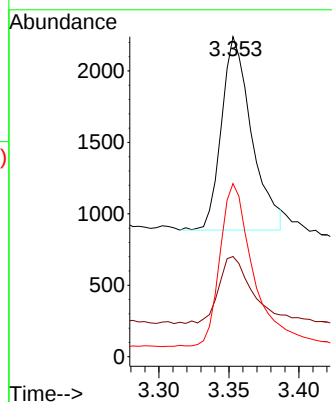
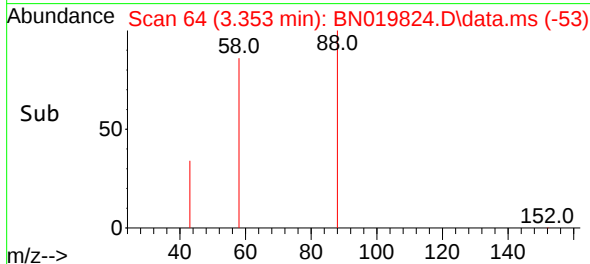


#2
 1,4-Dioxane
 Concen: 0.379 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN019824.D
 Acq: 18 May 2022 10:31

Instrument :
 BNA_N
 ClientSampleId :

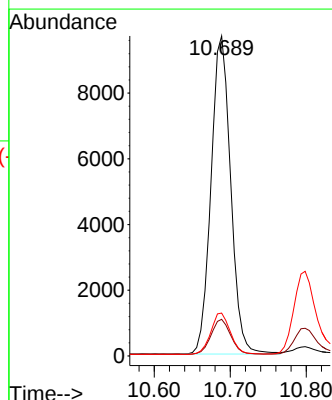
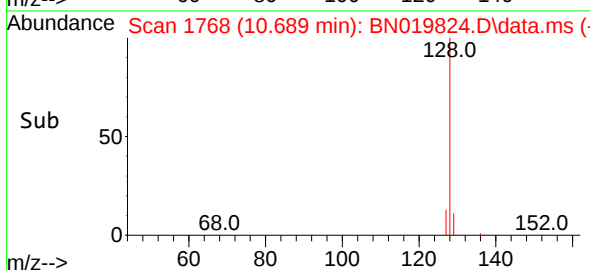
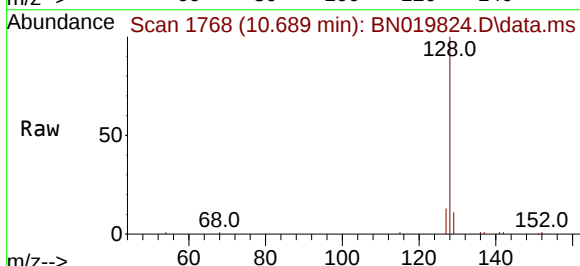


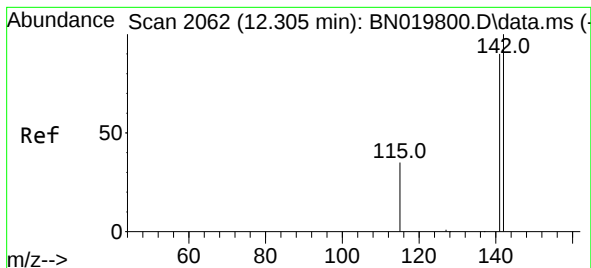
Tgt Ion: 88 Resp: 2031
 Ion Ratio Lower Upper
 88 100
 43 31.3 39.0 58.4#
 58 54.1 39.8 59.8



#5
 Naphthalene
 Concen: 0.386 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: BN019824.D
 Acq: 18 May 2022 10:31

Tgt Ion: 128 Resp: 17367
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.4 11.0 16.4

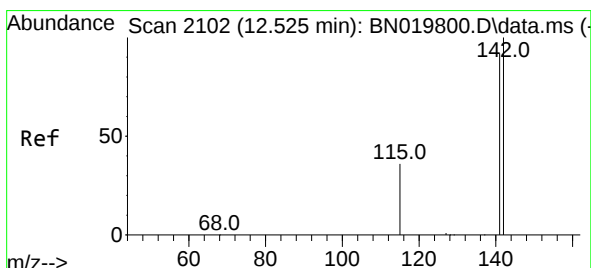
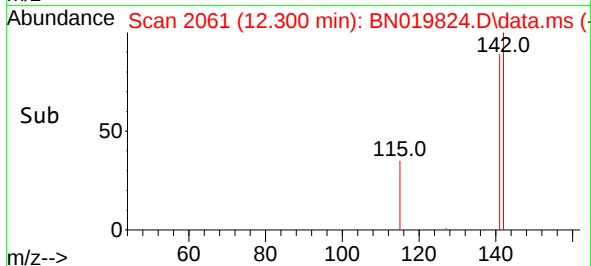
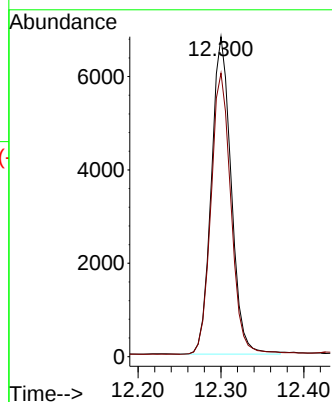
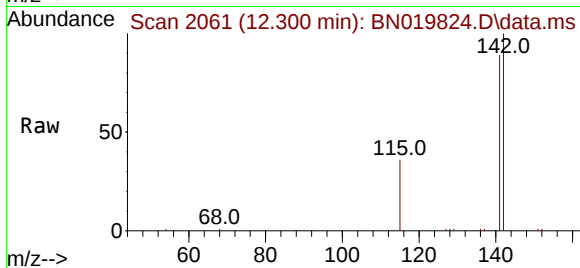




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

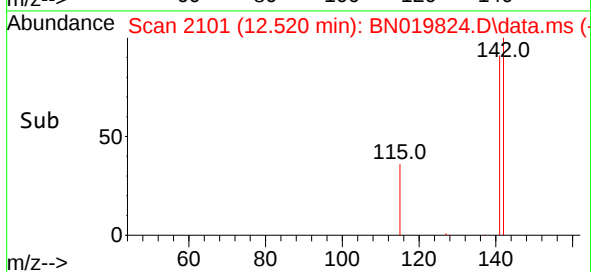
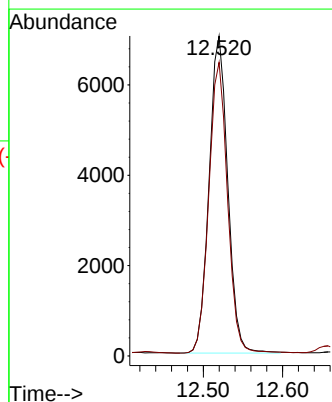
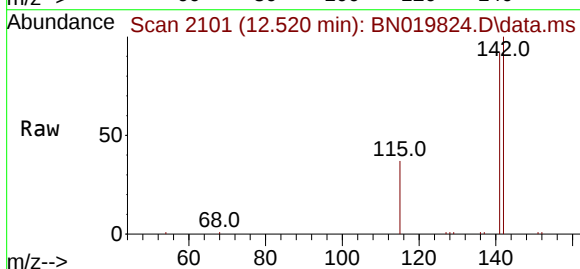
Instrument :
BNA_N
ClientSampleId :

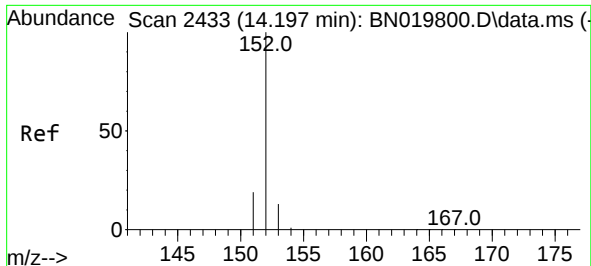
Tgt Ion:142 Resp: 11323
Ion Ratio Lower Upper
142 100
141 89.1 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

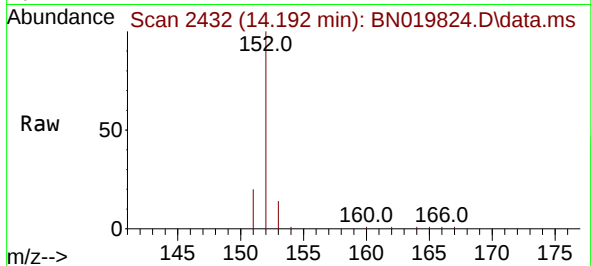
Tgt Ion:142 Resp: 11503
Ion Ratio Lower Upper
142 100
141 91.8 0.0 0.0#



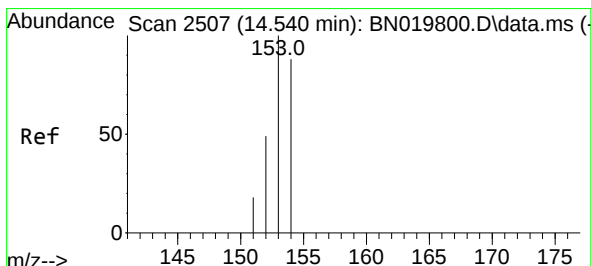
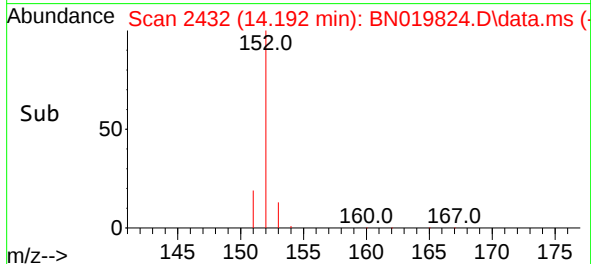
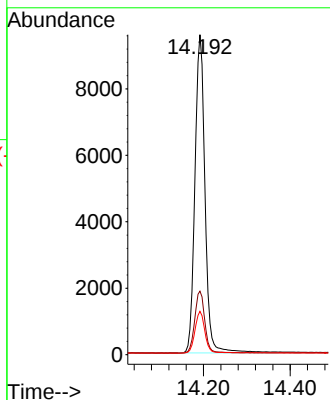


#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Instrument :
BNA_N
ClientSampleId :

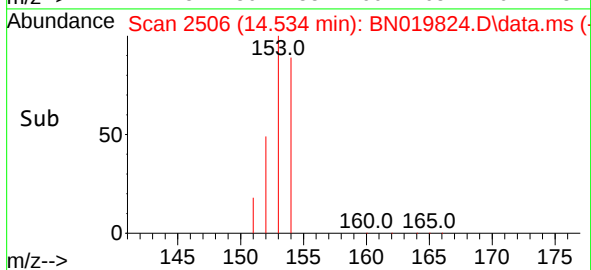
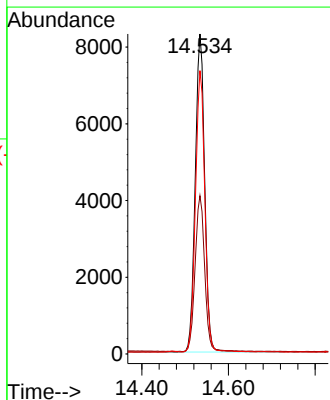
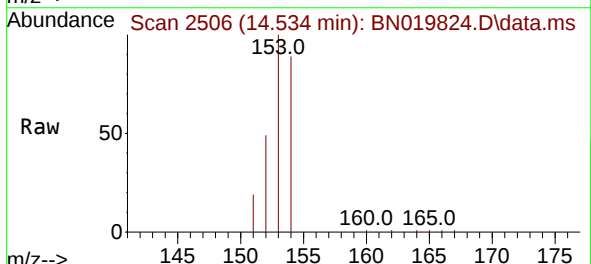


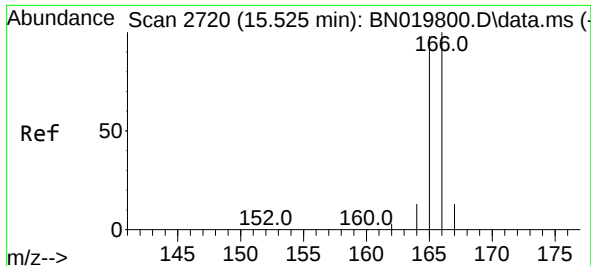
Tgt Ion:152 Resp: 15454
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

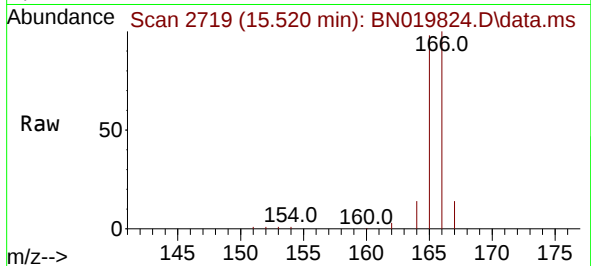
Tgt Ion:153 Resp: 12492
Ion Ratio Lower Upper
153 100
152 49.4 38.6 57.8
154 88.5 71.2 106.8



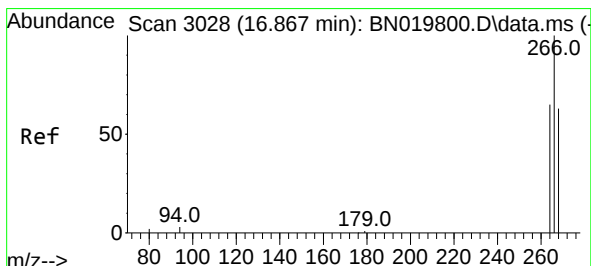
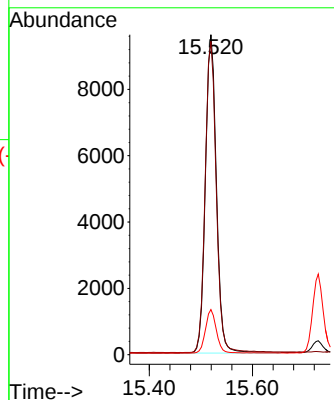
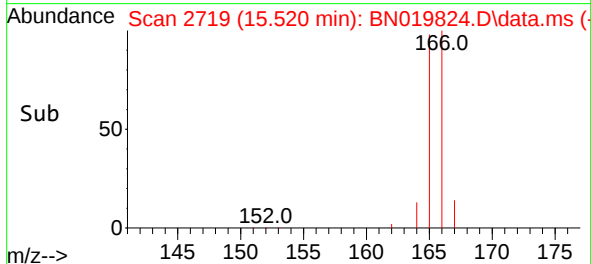


#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Instrument :
BNA_N
ClientSampleId :

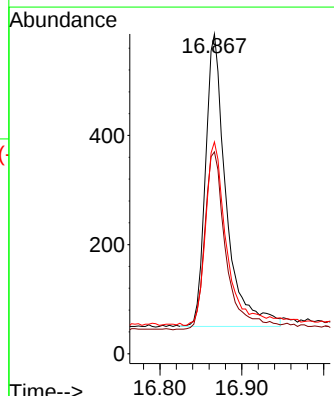
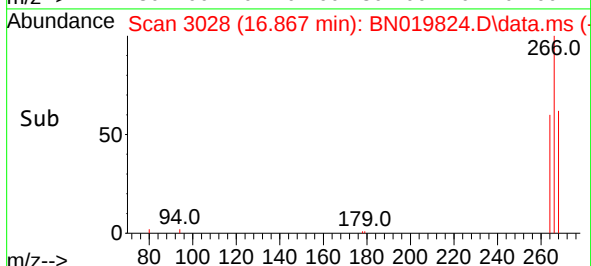
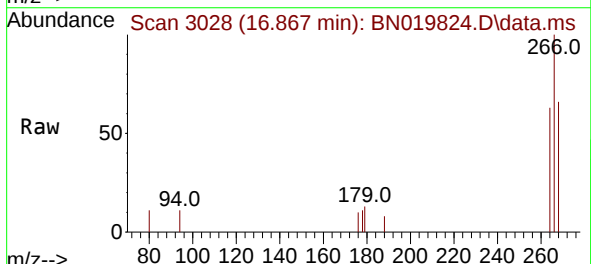


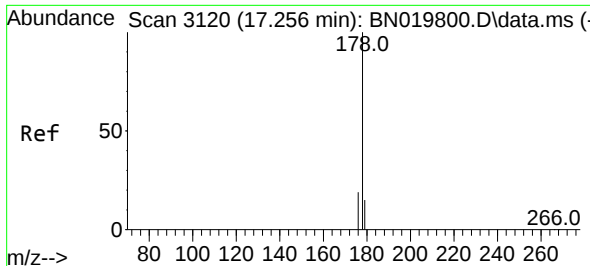
Tgt Ion:166 Resp: 14223
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.240 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Tgt Ion:266 Resp: 935
Ion Ratio Lower Upper
266 100
264 63.4 44.9 67.3
268 64.7 44.6 67.0

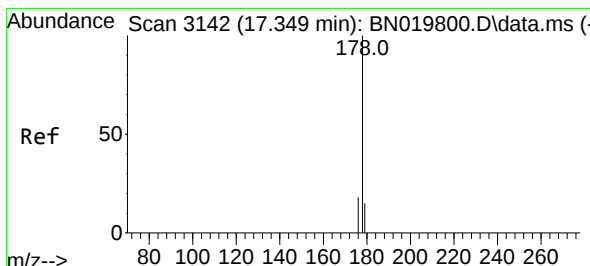
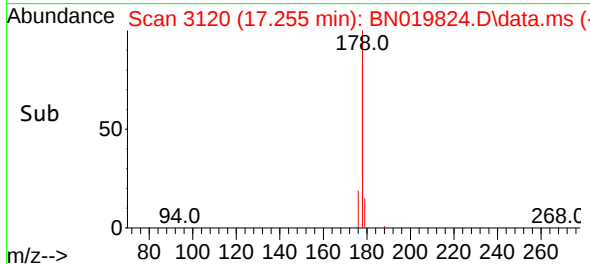
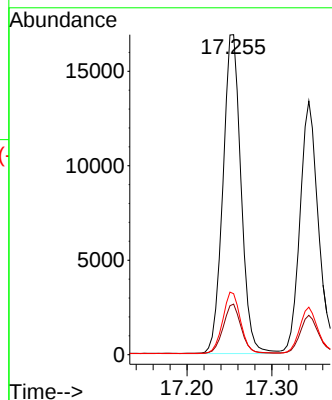
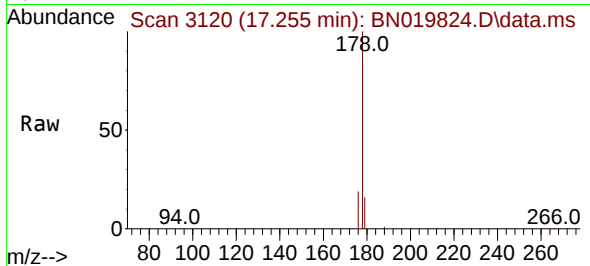




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

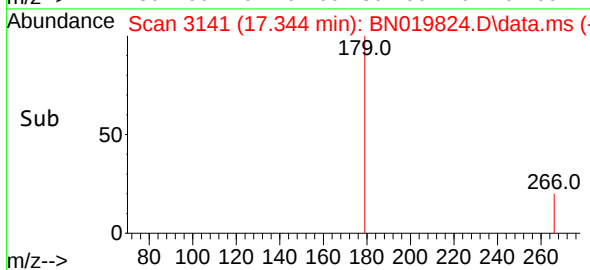
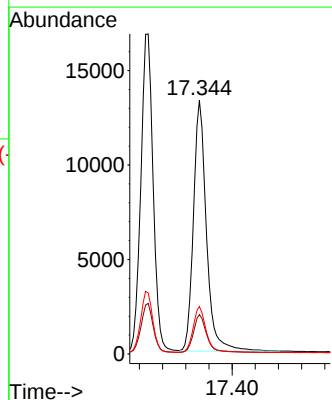
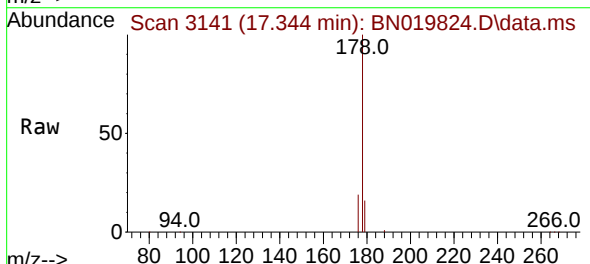
Instrument :
BNA_N
ClientSampleId :

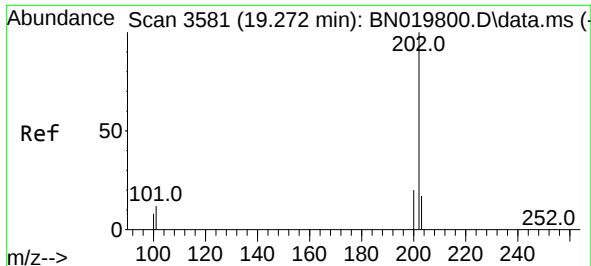
Tgt Ion:178 Resp: 25032
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.0 15.5 23.3



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

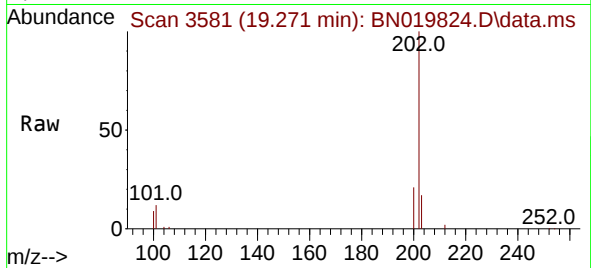
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Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 18.7 15.3 22.9



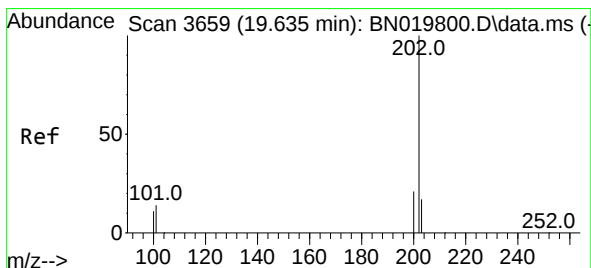
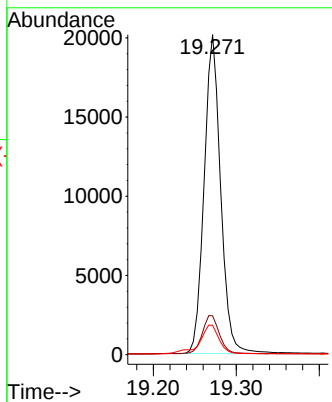
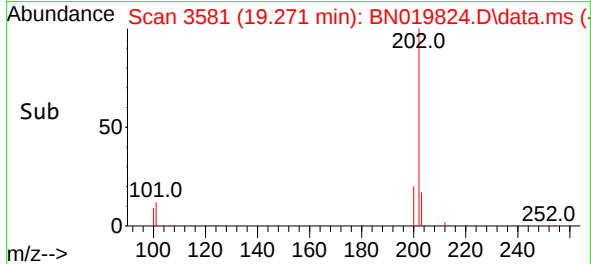


#19
Fluoranthene
Concen: 0.355 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Instrument :
BNA_N
ClientSampleId :

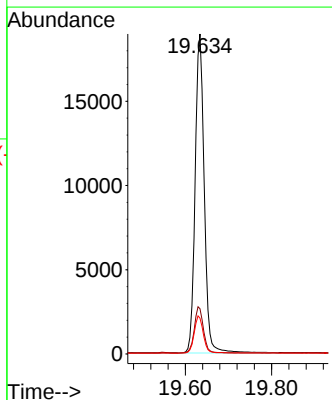
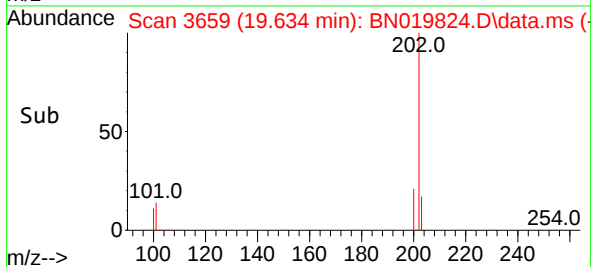
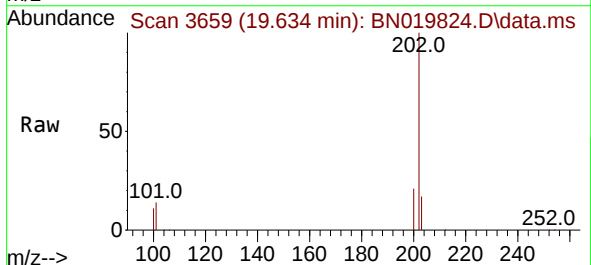


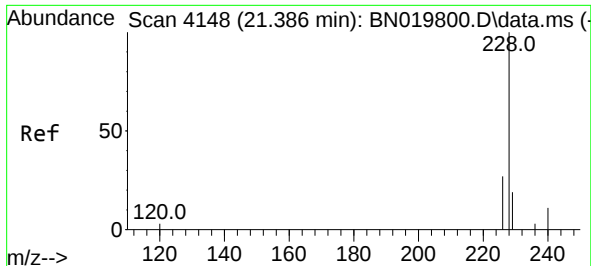
Tgt Ion:202 Resp: 27875
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.2 7.4 11.2



#20
Pyrene
Concen: 0.354 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Tgt Ion:202 Resp: 27780
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.2 9.0 13.4

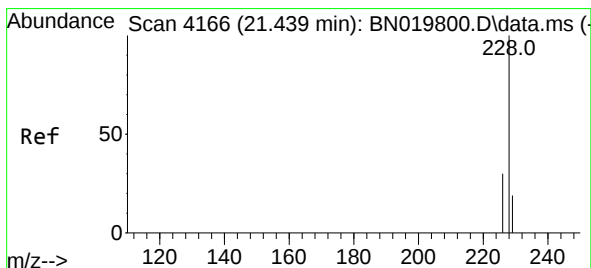
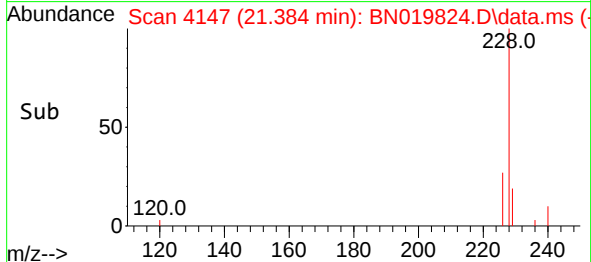
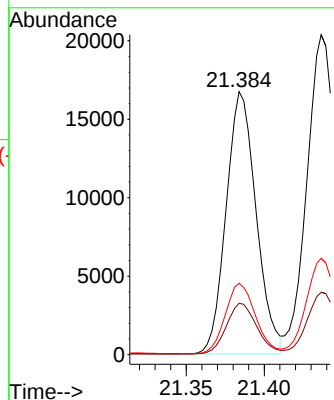
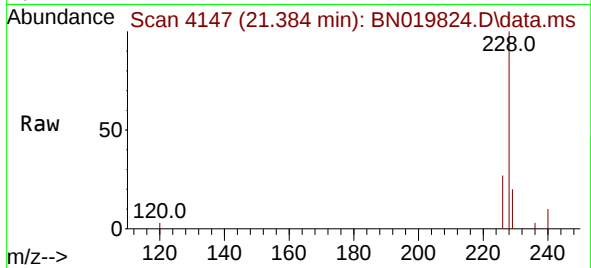




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.384 min Scan# 4148
Delta R.T. -0.004 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

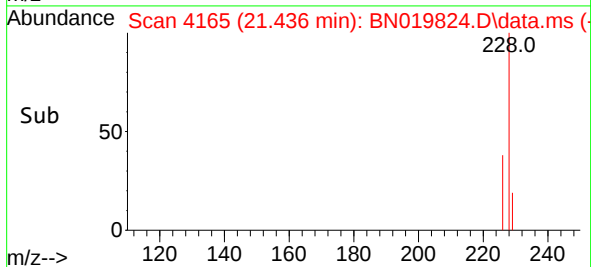
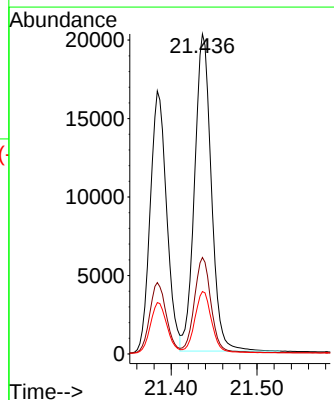
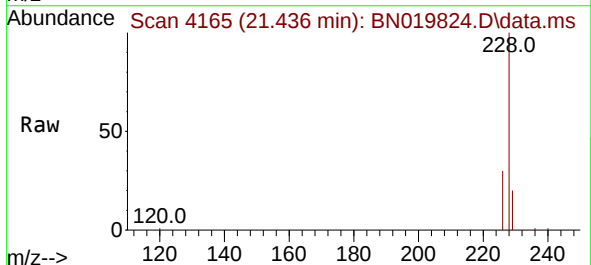
Instrument :
BNA_N
ClientSampleId :

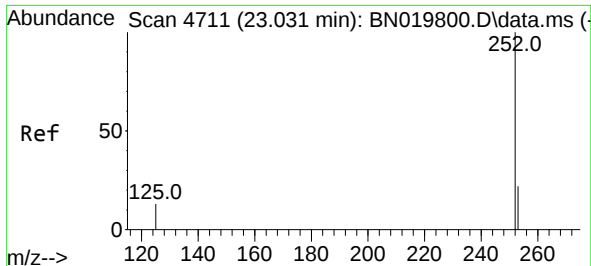
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Ion Ratio Lower Upper
228 100
229 19.5 16.1 24.1
226 27.1 22.1 33.1



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.004 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

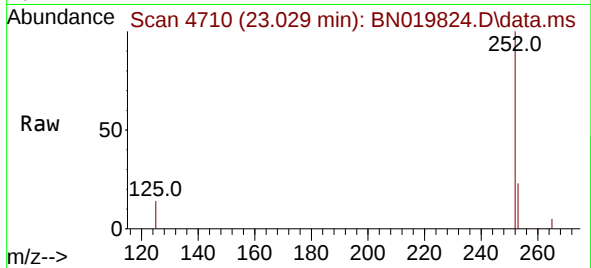
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Ion Ratio Lower Upper
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226 30.1 24.2 36.2
229 19.5 16.0 24.0



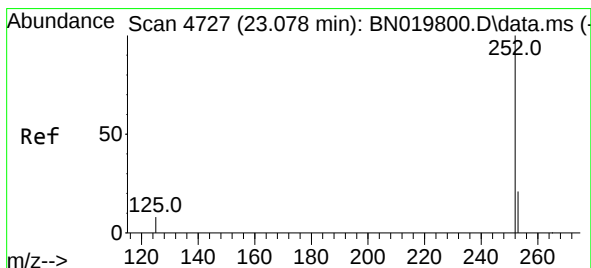
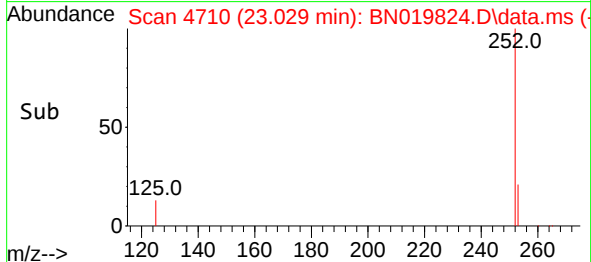
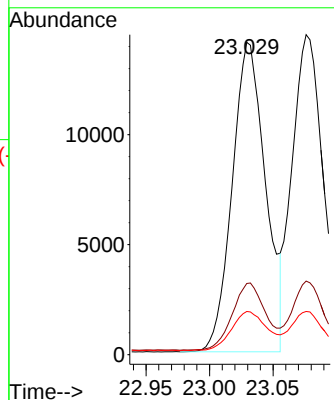


#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.029 min Scan# 4710
Delta R.T. -0.004 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Instrument :
BNA_N
ClientSampleId :

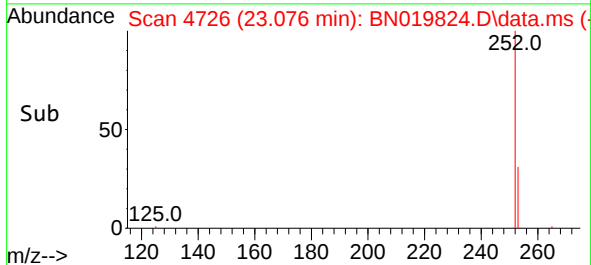
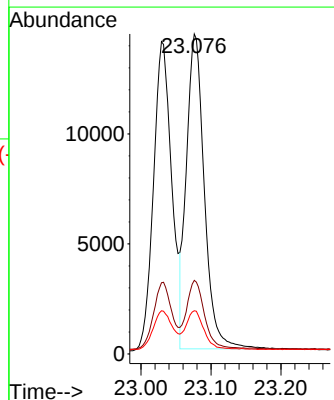
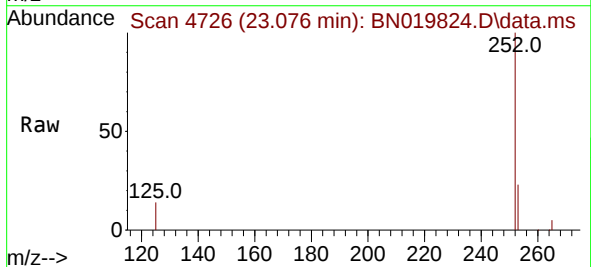


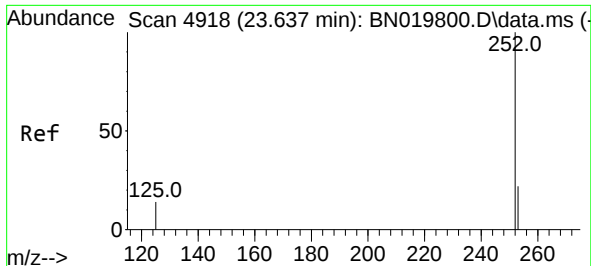
Tgt Ion:252 Resp: 25652
Ion Ratio Lower Upper
252 100
253 22.8 0.0 52.0
125 13.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.076 min Scan# 4726
Delta R.T. -0.004 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

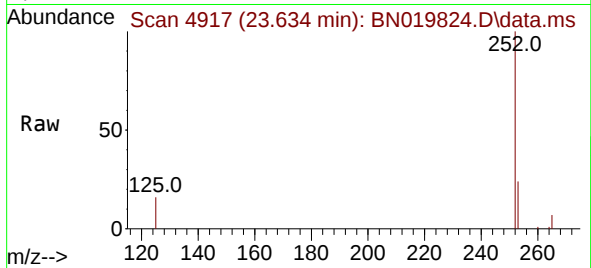
Tgt Ion:252 Resp: 25442
Ion Ratio Lower Upper
252 100
253 23.0 20.2 30.2
125 13.5 11.0 16.6



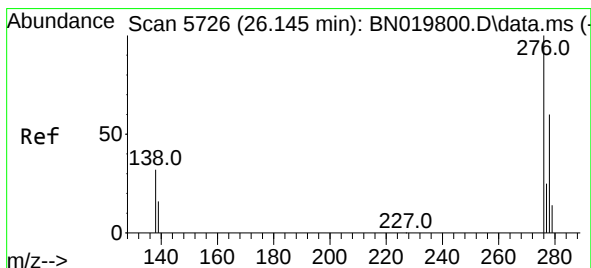
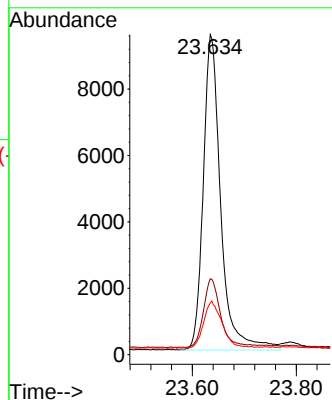
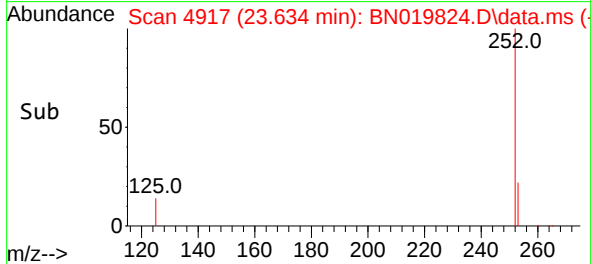


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.634 min Scan# 4918
Delta R.T. -0.004 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Instrument :
BNA_N
ClientSampleId :

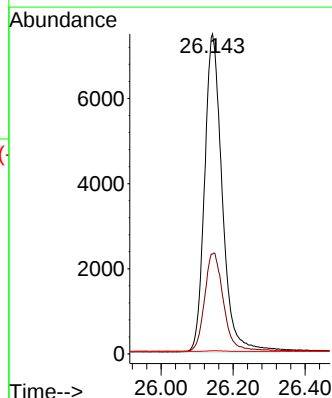
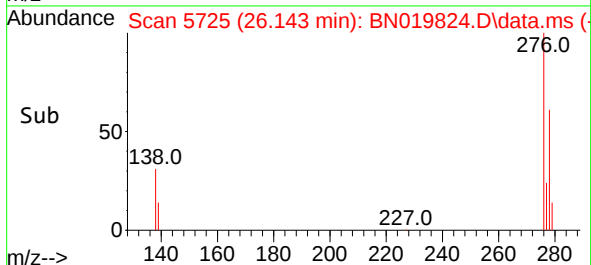
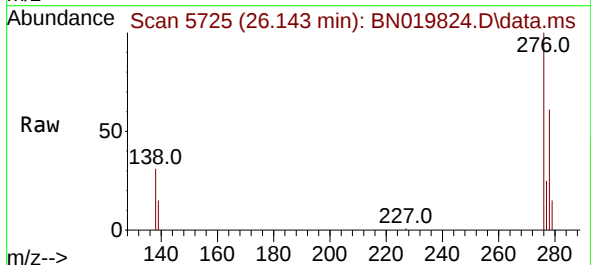


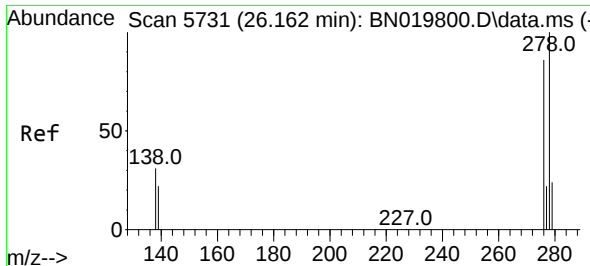
Tgt Ion:252 Resp: 22182
Ion Ratio Lower Upper
252 100
253 23.7 23.4 35.0
125 16.2 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 26.143 min Scan# 5725
Delta R.T. -0.005 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

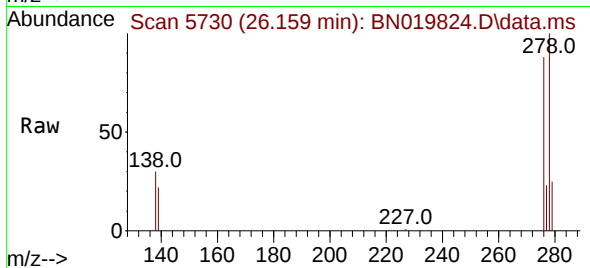
Tgt Ion:276 Resp: 25414
Ion Ratio Lower Upper
276 100
138 33.1 23.6 35.4
227 0.2 0.0 0.0#



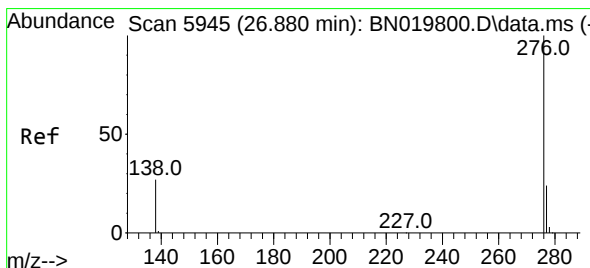
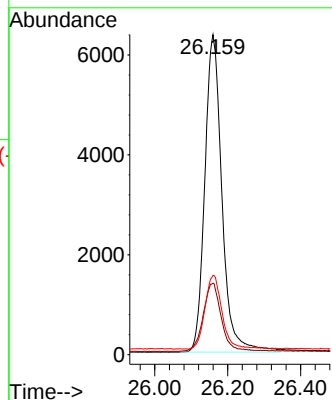
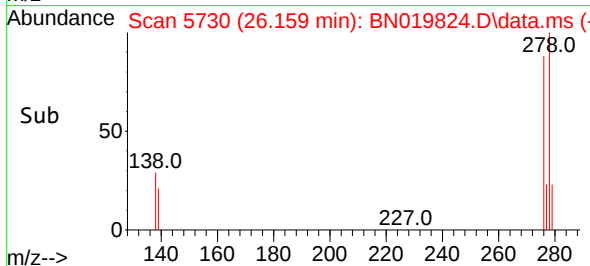


#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 20809
Ion Ratio Lower Upper
278 100
139 22.4 18.6 28.0
279 24.8 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 26.877 min Scan# 5944
Delta R.T. -0.002 min
Lab File: BN019824.D
Acq: 18 May 2022 10:31

Tgt Ion:276 Resp: 21306
Ion Ratio Lower Upper
276 100
138 29.0 20.9 31.3
277 24.5 20.4 30.6

