

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017312.D
 Acq On : 04 Nov 2021 14:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4287

Quant Time: Nov 08 01:09:14 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 : Wed Nov 03 10:42:03 2021
 Response via : Initial Calibration

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

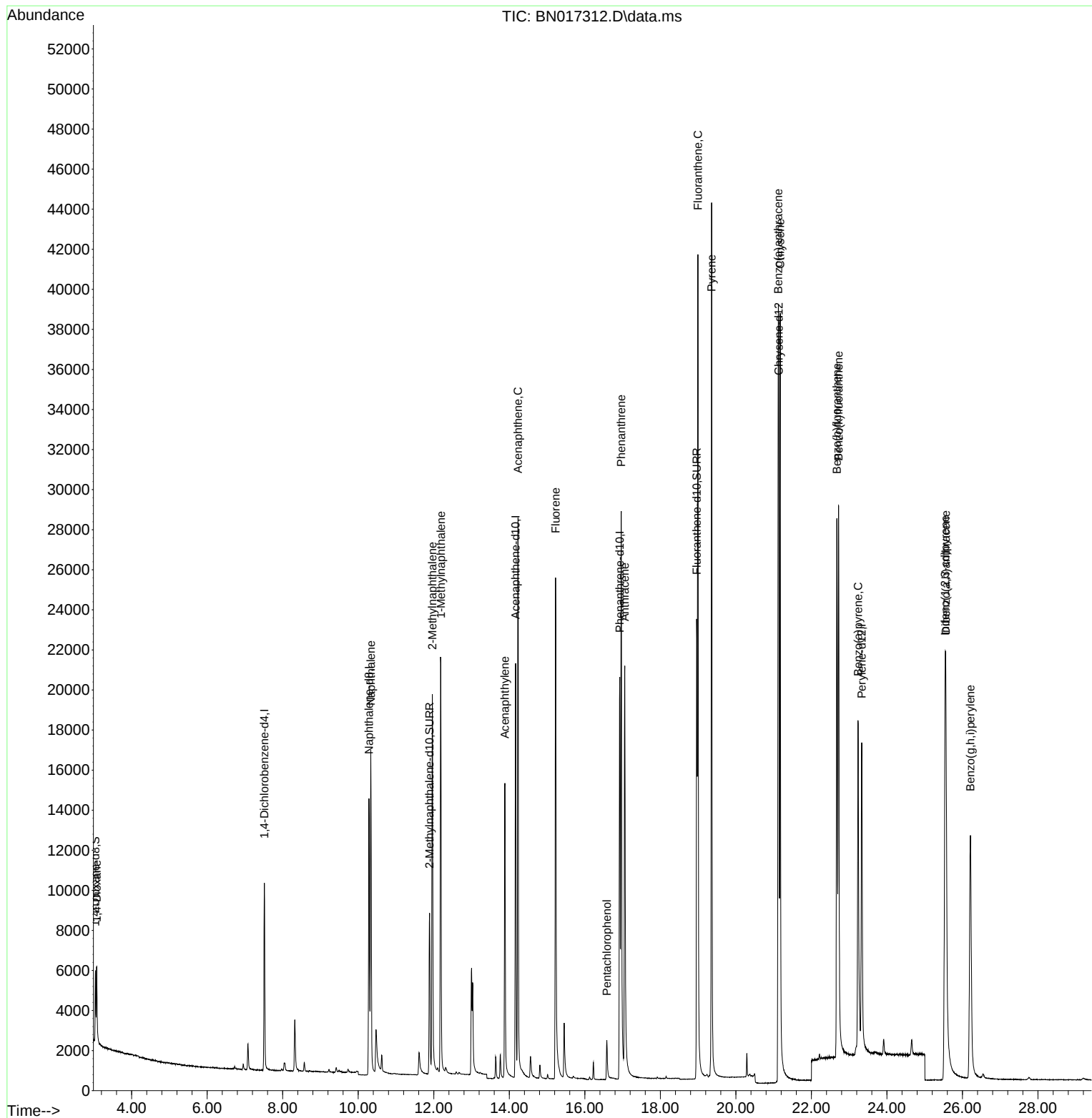
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	4969	0.400	ng/ul	0.00
4) Naphthalene-d8	10.284	136	19635	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.166	164	11837	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.924	188	25777	0.400	ng/ul	0.00
17) Chrysene-d12	21.136	240	23760	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	20848	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2318	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	11574	0.404	ng/ul	0.00
18) Fluoranthene-d10	18.962	212	27461	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.076	88	2542	0.428	ng/ul#	94
5) Naphthalene	10.333	128	22471	0.413	ng/ul	100
7) 2-Methylnaphthalene	11.961	142	15078	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.187	142	15506	0.403	ng/ul	100
10) Acenaphthylene	13.884	152	19352	0.413	ng/ul	100
11) Acenaphthene	14.231	153	17132	0.417	ng/ul	99
12) Fluorene	15.226	166	19336	0.403	ng/ul	98
14) Pentachlorophenol	16.582	266	1675	0.288	ng/ul	99
15) Phenanthrene	16.966	178	33291	0.407	ng/ul	99
16) Anthracene	17.059	178	27635	0.407	ng/ul	100
19) Fluoranthene	18.995	202	37249	0.438	ng/ul	99
20) Pyrene	19.357	202	38140	0.437	ng/ul	97
21) Benzo(a)anthracene	21.121	228	29841	0.384	ng/ul	99
22) Chrysene	21.171	228	35919	0.407	ng/ul	100
24) Benzo(b)fluoranthene	22.676	252	33351	0.429	ng/ul	100
25) Benzo(k)fluoranthene	22.717	252	38118	0.433	ng/ul	99
26) Benzo(a)pyrene	23.234	252	28062	0.403	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.539	276	33750	0.341	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.559	278	26204	0.335	ng/ul	99
29) Benzo(g,h,i)perylene	26.210	276	28236	0.337	ng/ul	99

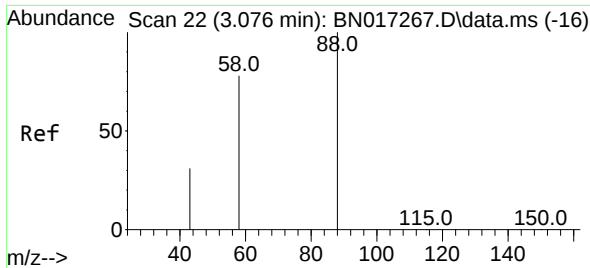
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration

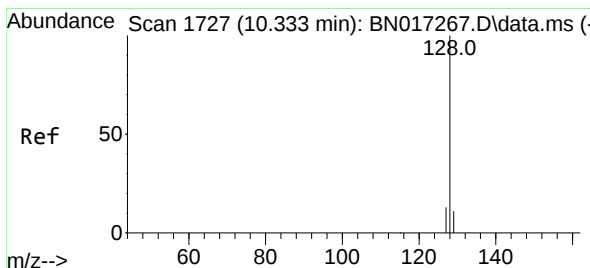
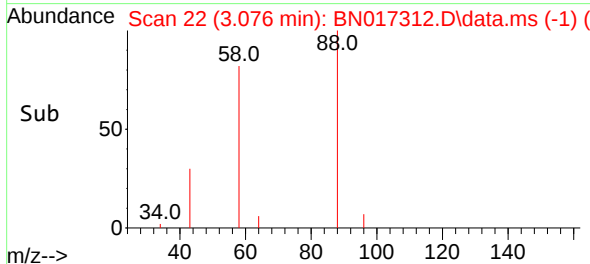
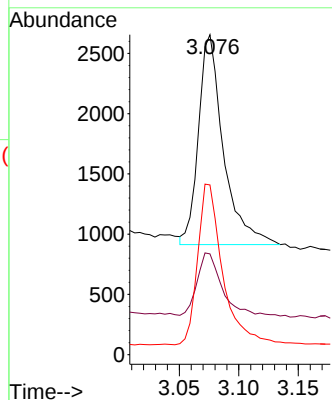
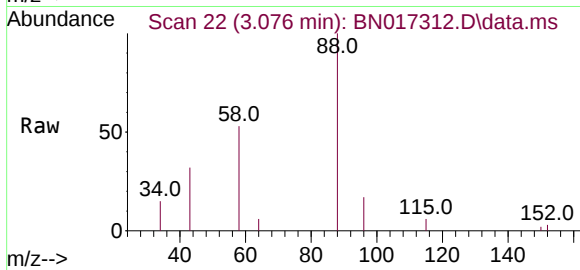




#2
 1,4-Dioxane
 Concen: 0.428 ng/ul
 RT: 3.076 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN017312.D
 Acq: 04 Nov 2021 14:09

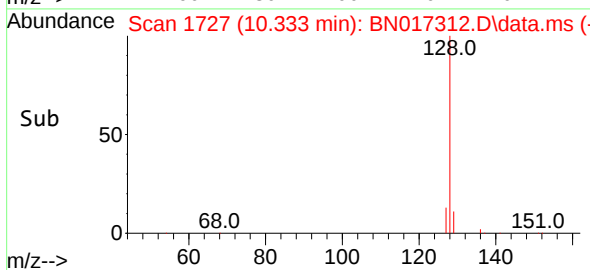
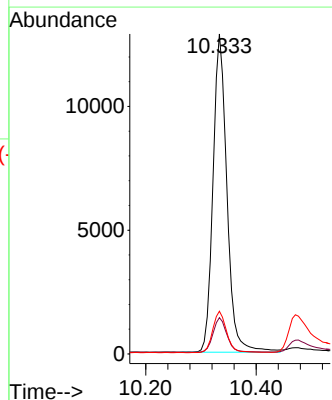
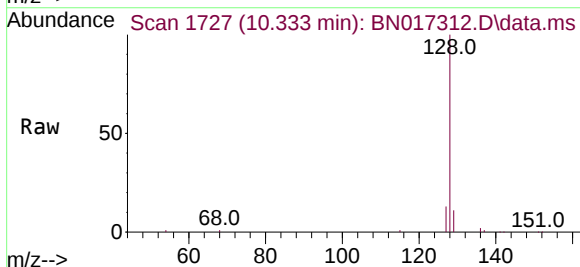
Instrument :
 BNA_N
 ClientSampleId :
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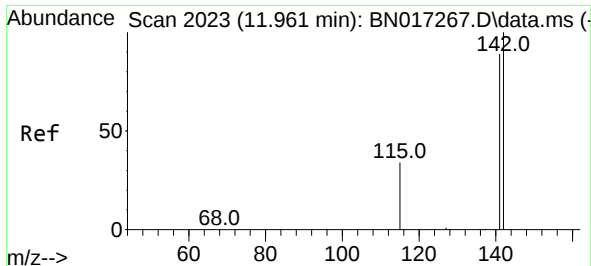
Tgt Ion: 88 Resp: 2542
 Ion Ratio Lower Upper
 88 100
 43 31.5 31.8 47.6#
 58 53.0 41.9 62.9



#5
 Naphthalene
 Concen: 0.413 ng/ul
 RT: 10.333 min Scan# 1727
 Delta R.T. -0.000 min
 Lab File: BN017312.D
 Acq: 04 Nov 2021 14:09

Tgt Ion: 128 Resp: 22471
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.2 13.8
 127 13.4 10.8 16.2

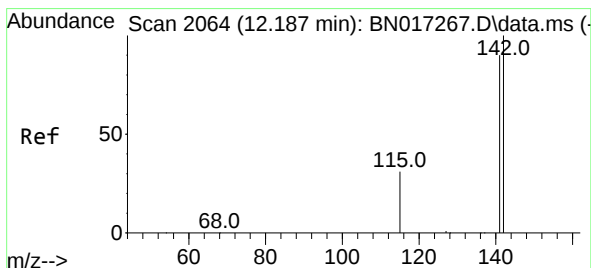
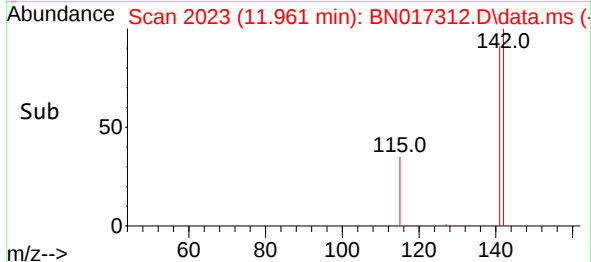
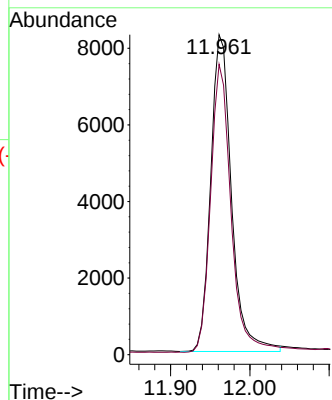
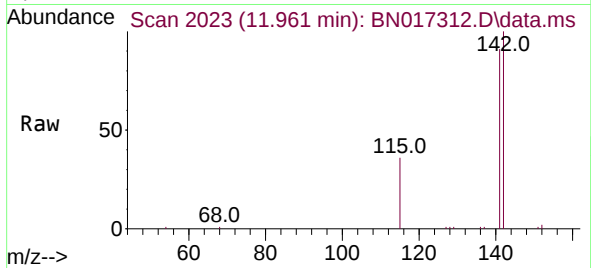




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 11.961 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

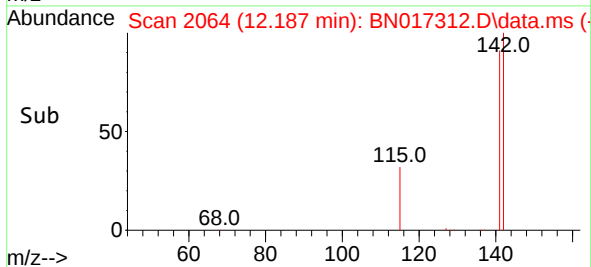
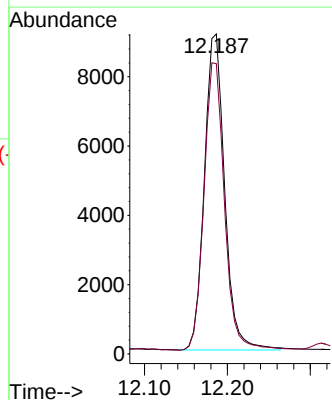
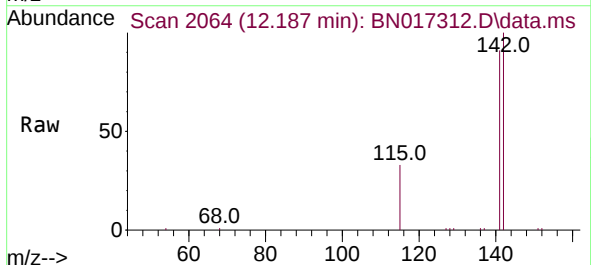
Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

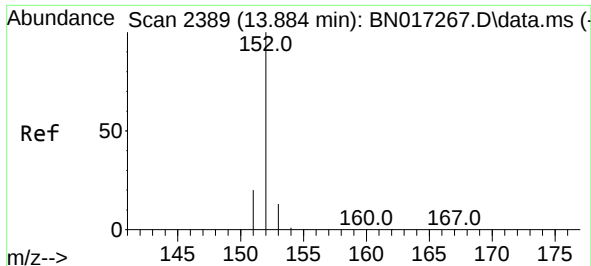
Tgt Ion:142 Resp: 15078
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.187 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:142 Resp: 15506
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8

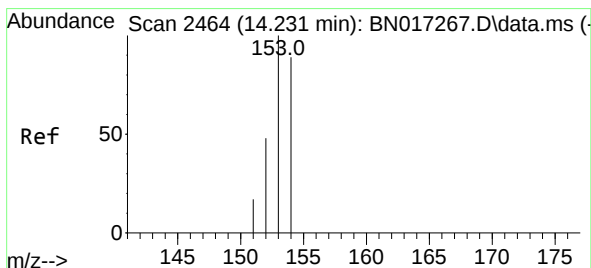
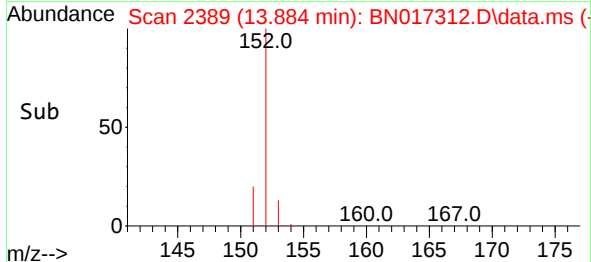
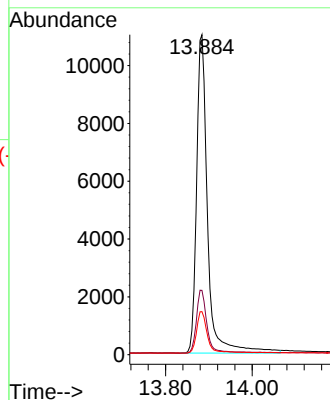
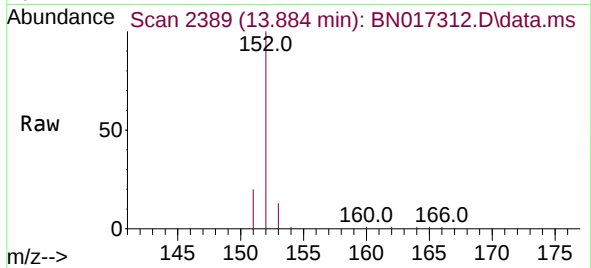




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 13.884 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

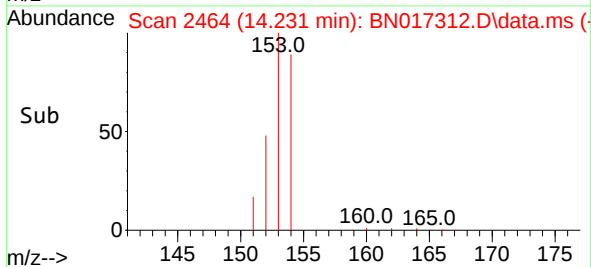
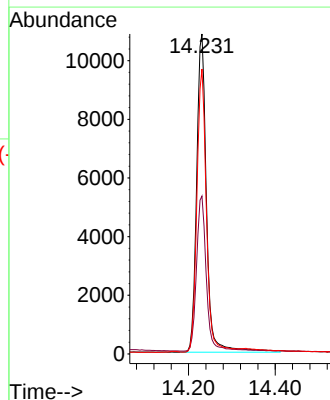
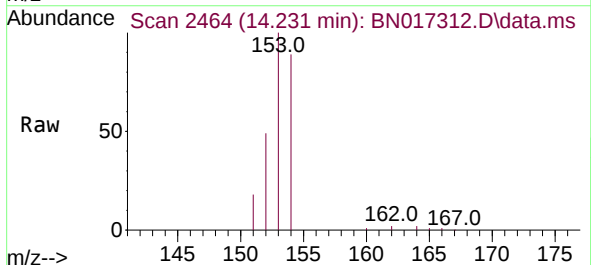
Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

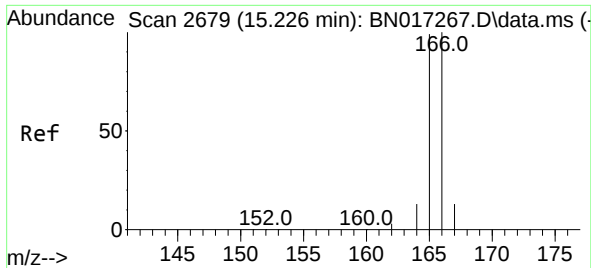
Tgt Ion:152 Resp: 19352
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.231 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:153 Resp: 17132
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 89.0 70.0 105.0

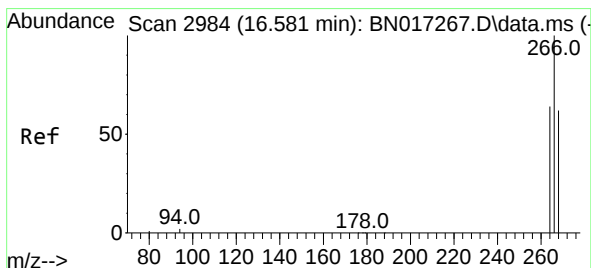
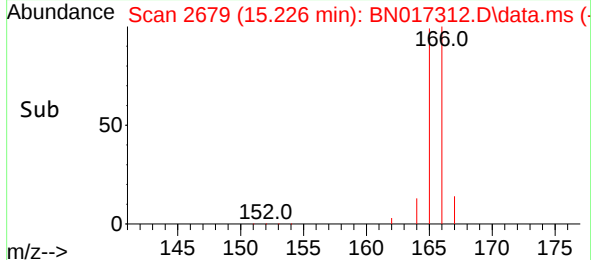
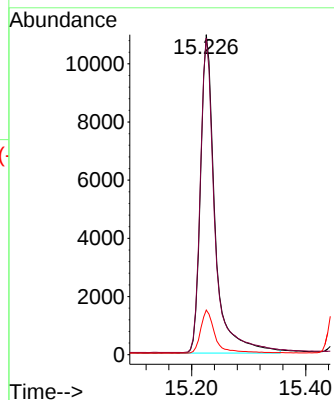
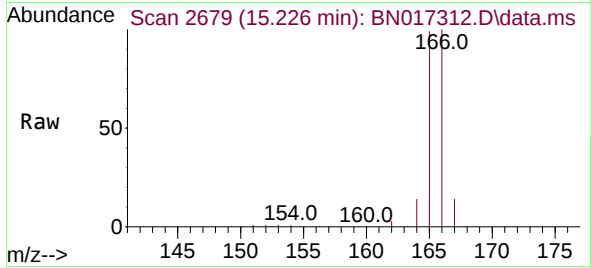




#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.226 min Scan# 2679
Delta R.T. -0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

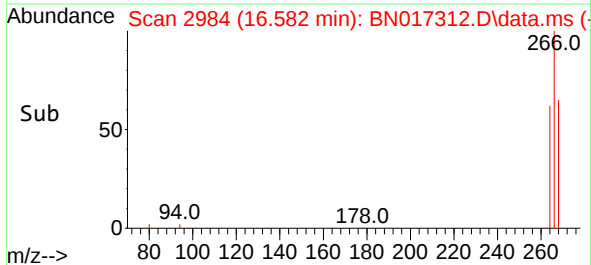
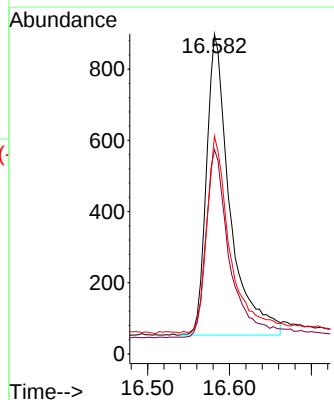
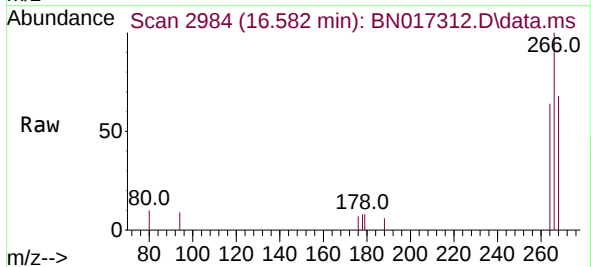
Instrument :
BNA_N
ClientSampleId :
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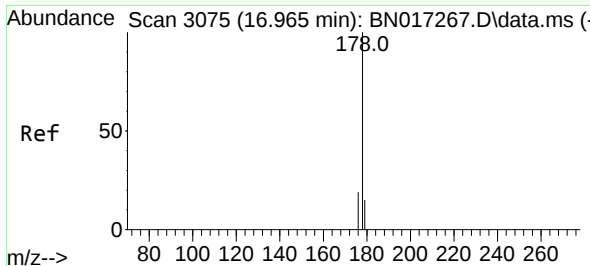
Tgt Ion:166 Resp: 19336
Ion Ratio Lower Upper
166 100
165 98.9 77.7 116.5
167 14.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.288 ng/ul
RT: 16.582 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:266 Resp: 1675
Ion Ratio Lower Upper
266 100
264 63.2 49.9 74.9
268 65.2 51.2 76.8

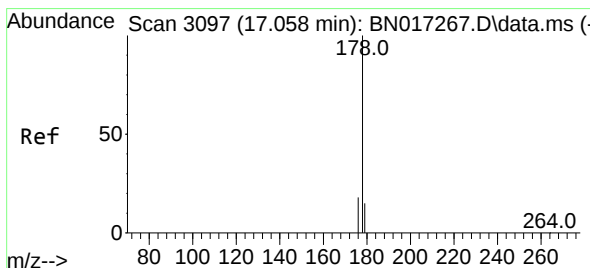
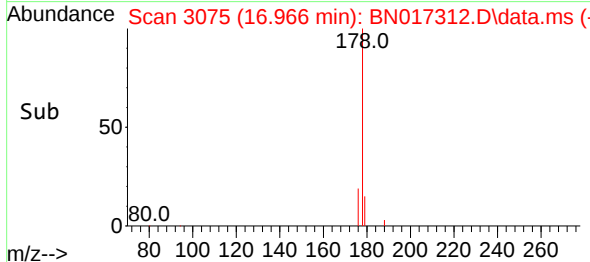
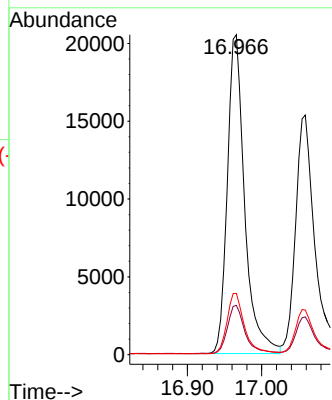
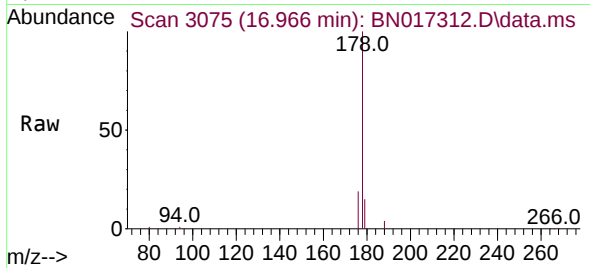




#15
Phenanthrene
Concen: 0.407 ng/ul
RT: 16.966 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

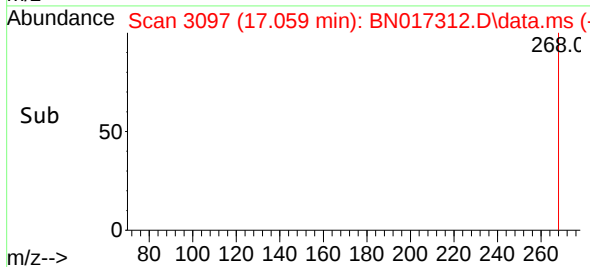
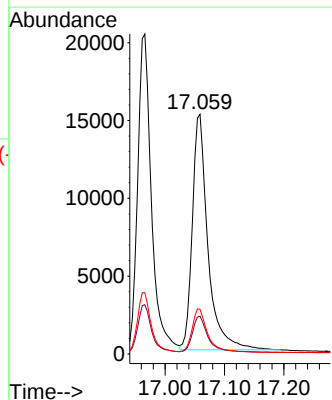
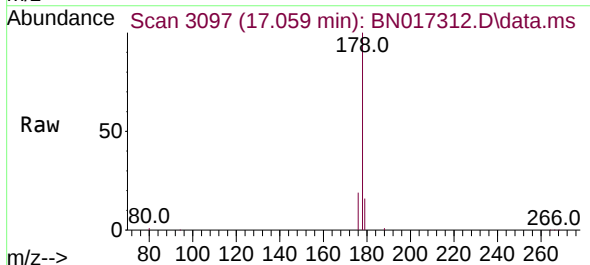
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ClientSampleId :
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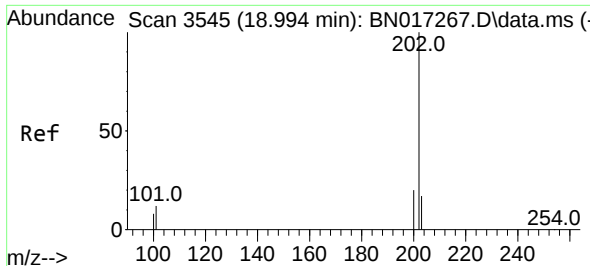
Tgt Ion:178 Resp: 33291
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.059 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:178 Resp: 27635
Ion Ratio Lower Upper
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179 15.8 12.6 19.0
176 18.6 15.2 22.8

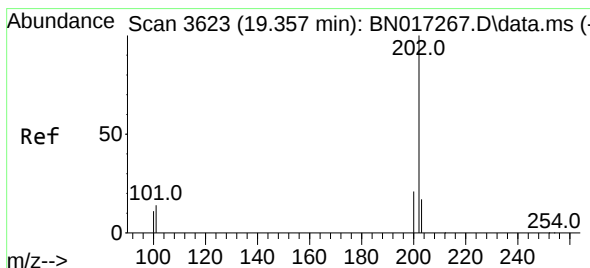
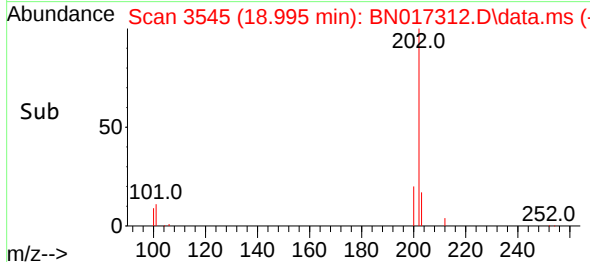
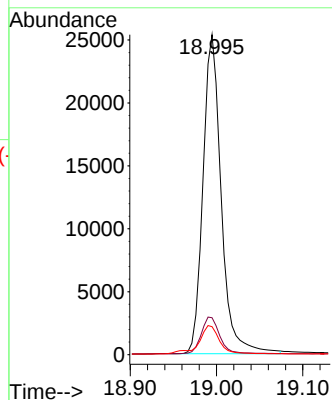
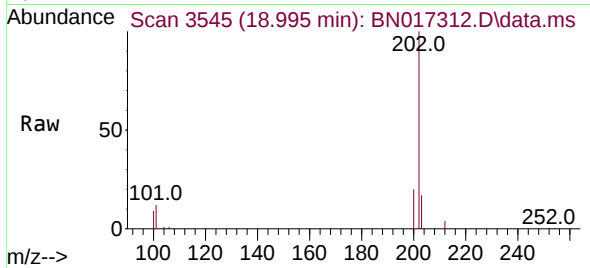




#19
Fluoranthene
Concen: 0.438 ng/u1
RT: 18.995 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

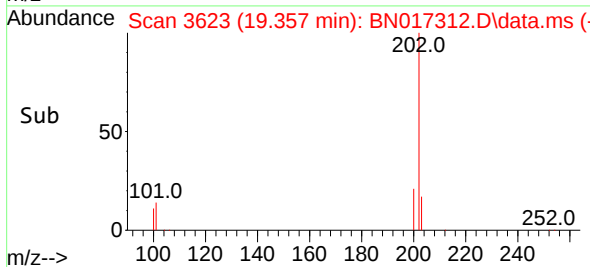
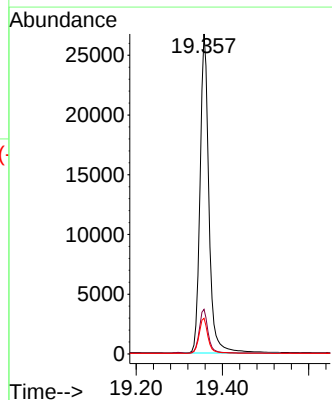
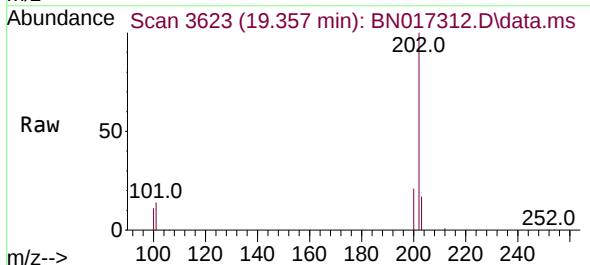
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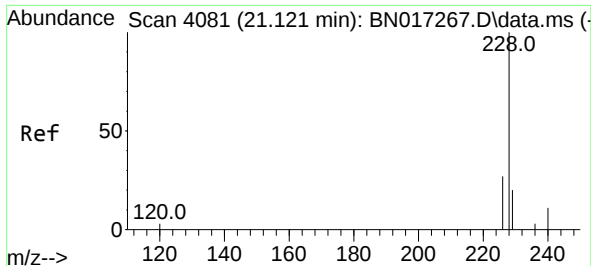
Tgt Ion:202 Resp: 37249
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.8 7.2 10.8



#20
Pyrene
Concen: 0.437 ng/u1
RT: 19.357 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:202 Resp: 38140
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.1 8.2 12.2

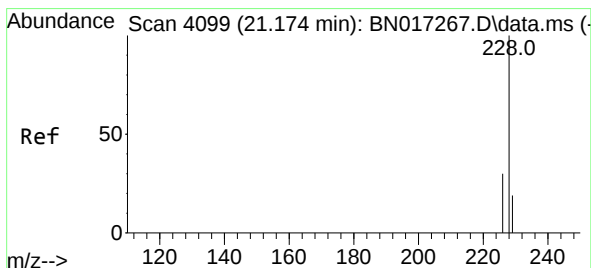
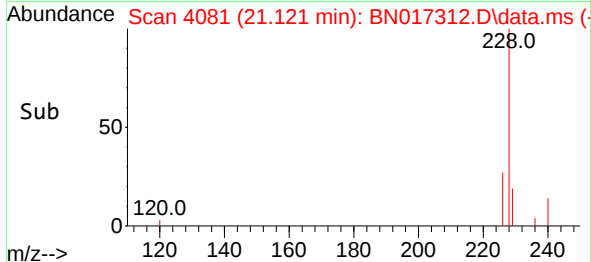
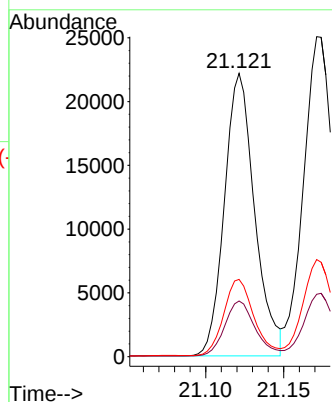
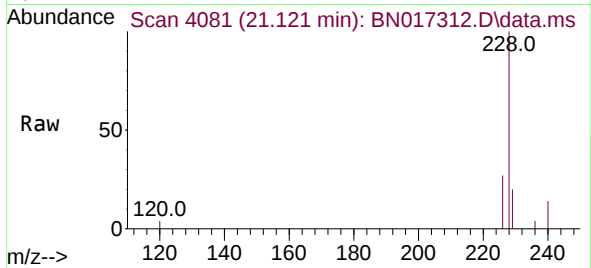




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.121 min Scan# 4081
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

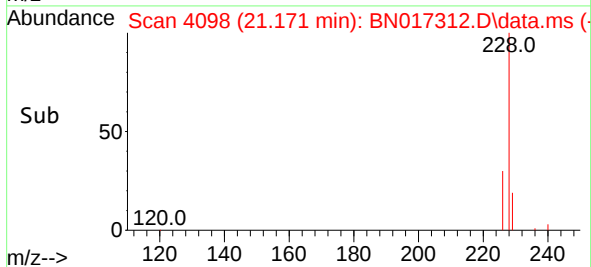
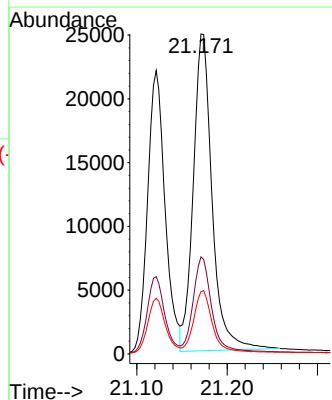
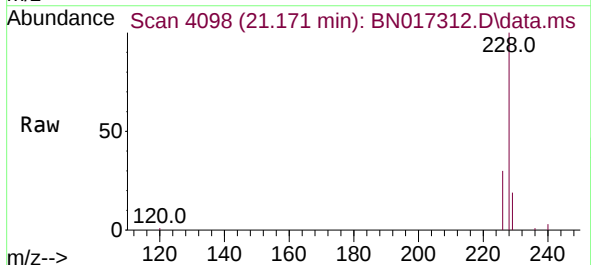
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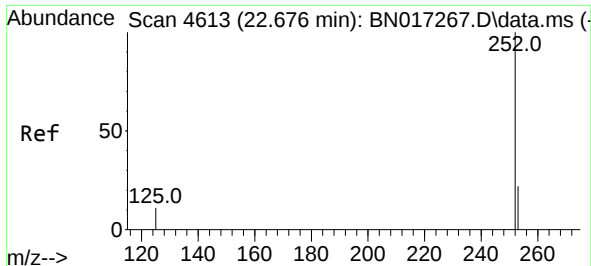
Tgt Ion:228	Resp:	29841
Ion Ratio	Lower	Upper
228	100	
229	19.6	16.1 24.1
226	27.3	21.7 32.5



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.171 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

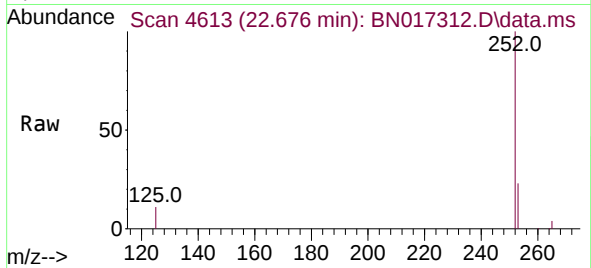
Tgt Ion:228	Resp:	35919
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.1 36.1
229	19.5	15.4 23.2



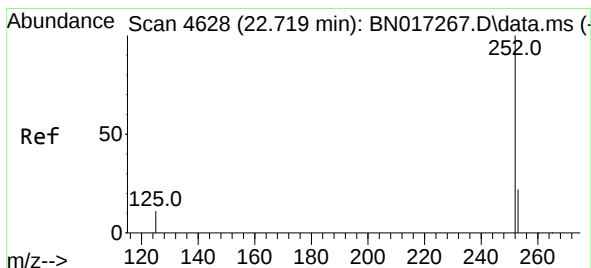
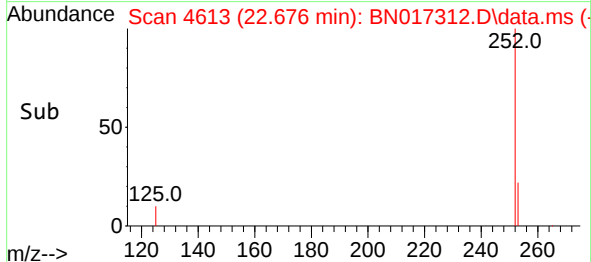
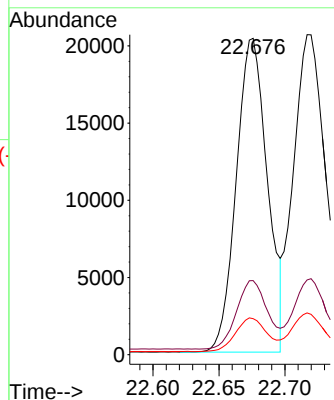


#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 22.676 min Scan# 4613
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

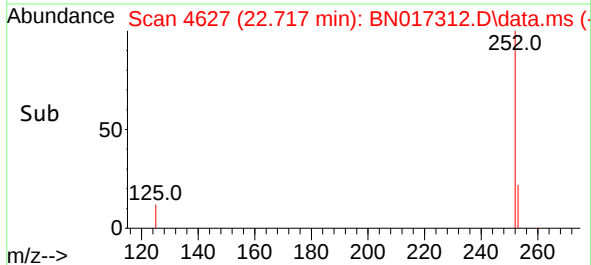
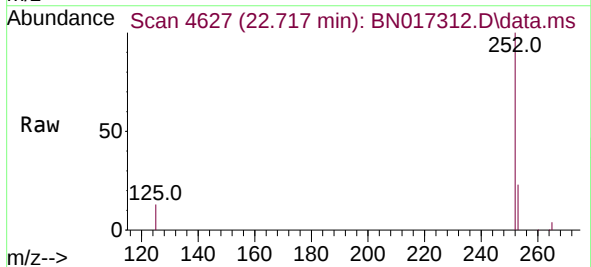
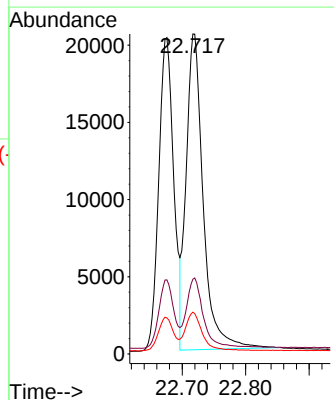


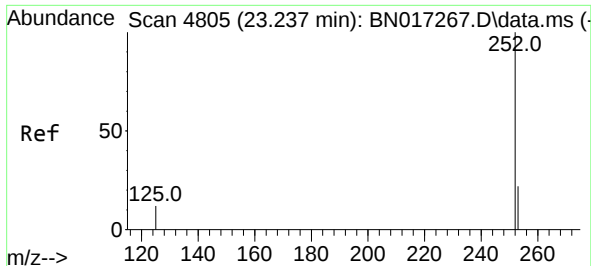
Tgt Ion:252 Resp: 33351
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.8
125 11.4 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 22.717 min Scan# 4627
Delta R.T. -0.003 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:252 Resp: 38118
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 13.0 10.0 15.0

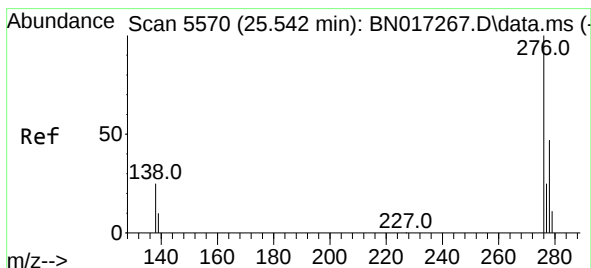
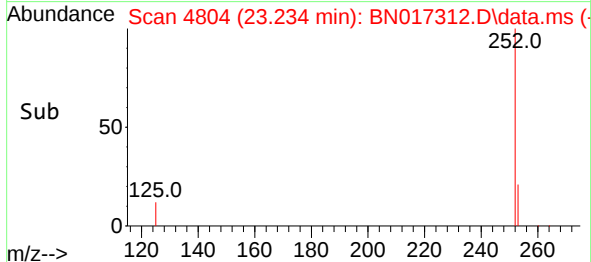
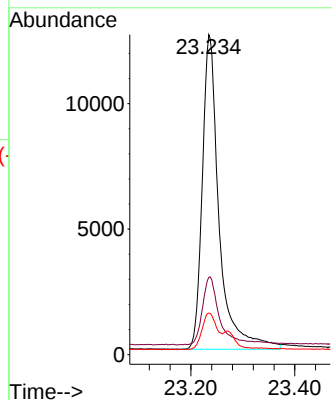
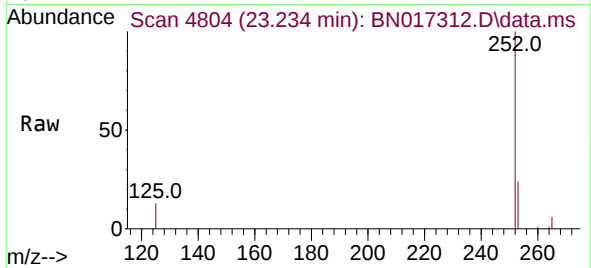




#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.234 min Scan# 4804
Delta R.T. -0.003 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

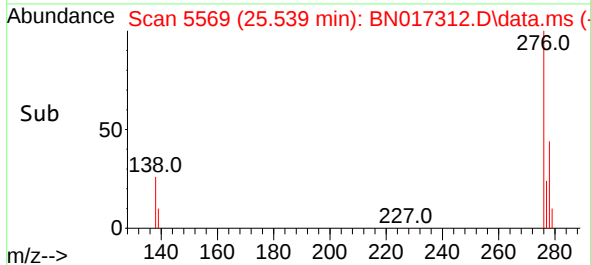
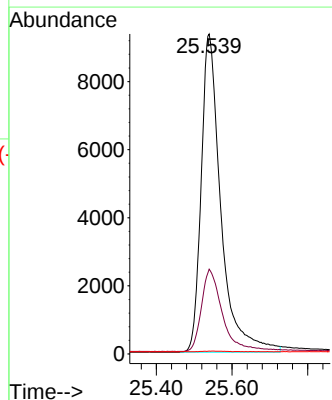
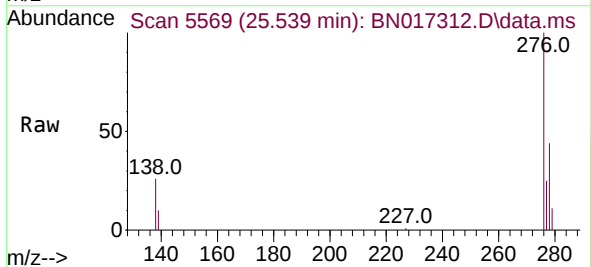
Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

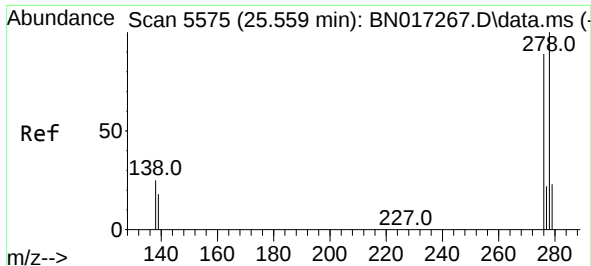
Tgt Ion:252 Resp: 28062
Ion Ratio Lower Upper
252 100
253 24.2 19.3 28.9
125 13.0 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 25.539 min Scan# 5569
Delta R.T. -0.003 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:276 Resp: 33750
Ion Ratio Lower Upper
276 100
138 27.5 22.2 33.4
227 0.2 0.0 0.0#

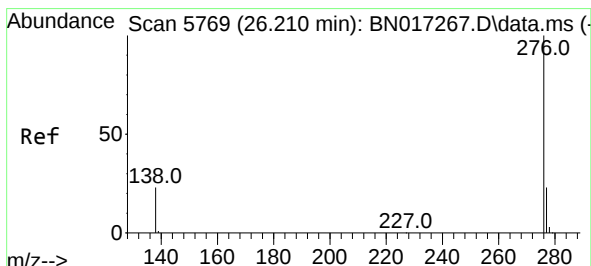
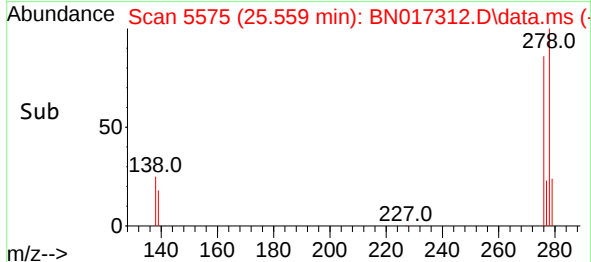
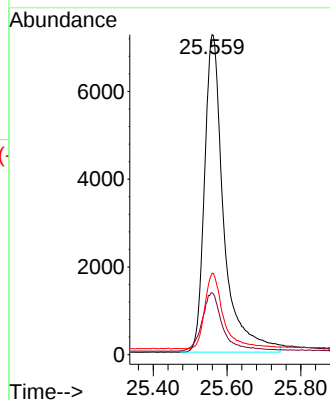
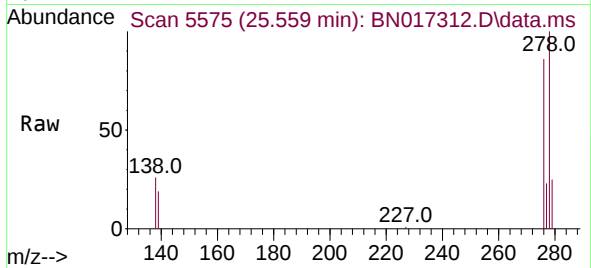




#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 25.559 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

Tgt Ion:278 Resp: 26204
Ion Ratio Lower Upper
278 100
139 19.4 15.4 23.0
279 25.4 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 26.210 min Scan# 5769
Delta R.T. 0.000 min
Lab File: BN017312.D
Acq: 04 Nov 2021 14:09

Tgt Ion:276 Resp: 28236
Ion Ratio Lower Upper
276 100
138 24.1 19.2 28.8
277 24.3 19.0 28.6

