

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017301.D
 Acq On : 04 Nov 2021 07:33
 Operator : CG/JU
 Sample : PB140425BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS425

Quant Time: Nov 08 01:08:13 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)

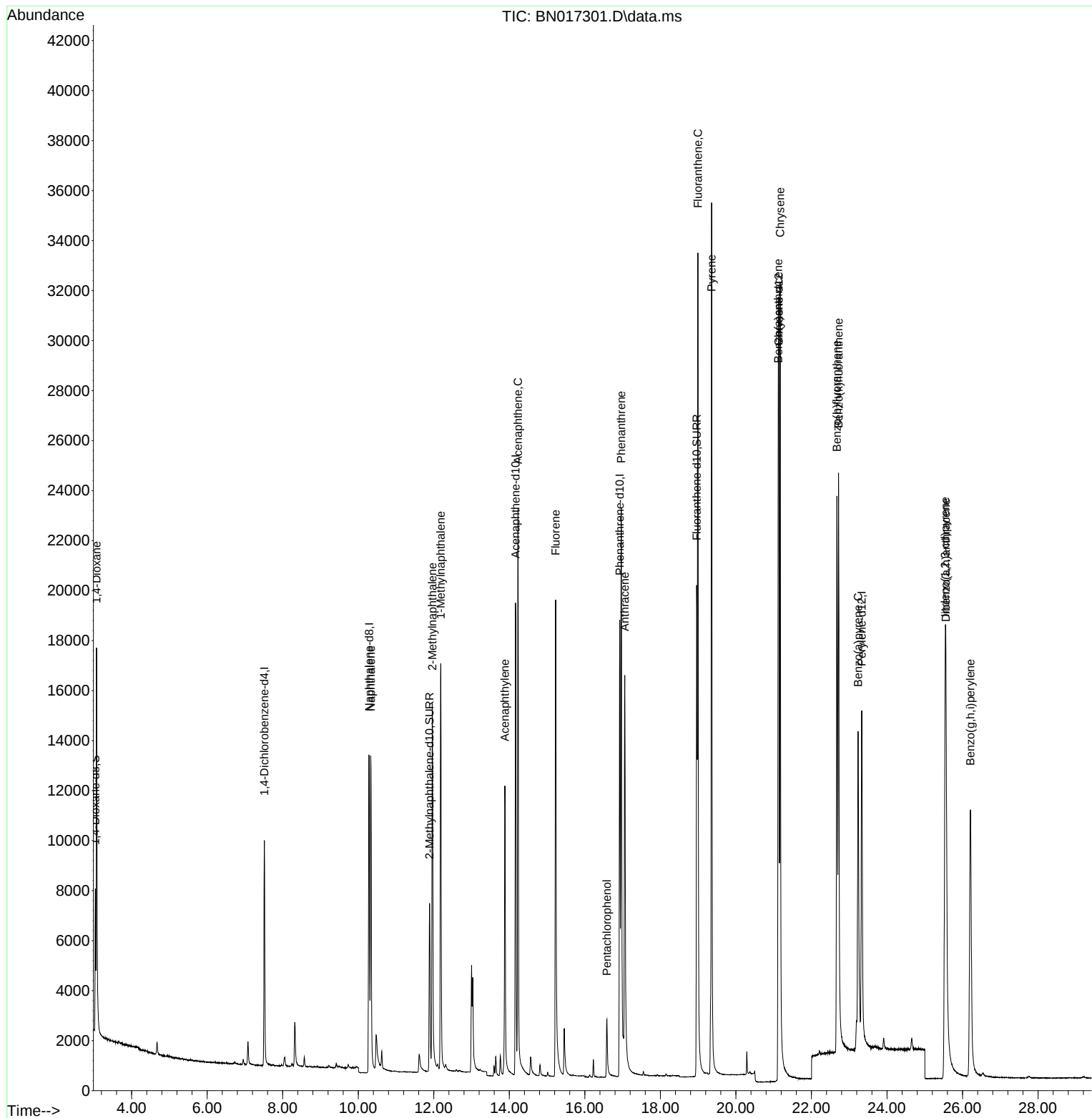
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	4835	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	18823	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.165	164	11060	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.922	188	23952	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	21414	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	18556	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3649	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	9900	0.360	ng/ul	0.00
18) Fluoranthene-d10	18.961	212	23538	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.071	88	9530	1.650	ng/ul#	78
5) Naphthalene	10.332	128	18351	0.352	ng/ul	100
7) 2-Methylnaphthalene	11.965	142	12211	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.185	142	12199	0.330	ng/ul	100
10) Acenaphthylene	13.883	152	15063	0.344	ng/ul	100
11) Acenaphthene	14.230	153	14021	0.365	ng/ul	99
12) Fluorene	15.229	166	15674	0.350	ng/ul	100
14) Pentachlorophenol	16.580	266	2065	0.382	ng/ul	100
15) Phenanthrene	16.964	178	27453	0.361	ng/ul	100
16) Anthracene	17.057	178	21800	0.346	ng/ul	100
19) Fluoranthene	18.993	202	30864	0.403	ng/ul	99
20) Pyrene	19.356	202	31540	0.401	ng/ul	98
21) Benzo(a)anthracene	21.120	228	23514	0.335	ng/ul	99
22) Chrysene	21.170	228	30830	0.388	ng/ul	100
24) Benzo(b)fluoranthene	22.675	252	28381	0.410	ng/ul	100
25) Benzo(k)fluoranthene	22.718	252	32010	0.408	ng/ul	99
26) Benzo(a)pyrene	23.236	252	22905	0.369	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.541	276	28886	0.328	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.561	278	22613	0.325	ng/ul	98
29) Benzo(g,h,i)perylene	26.209	276	24799	0.333	ng/ul	99

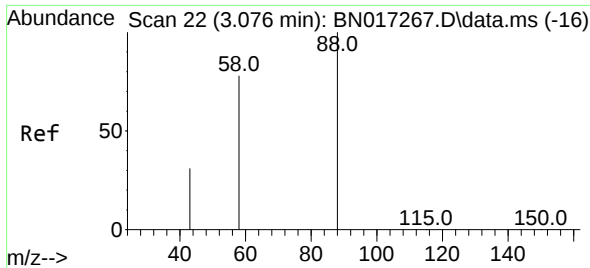
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration

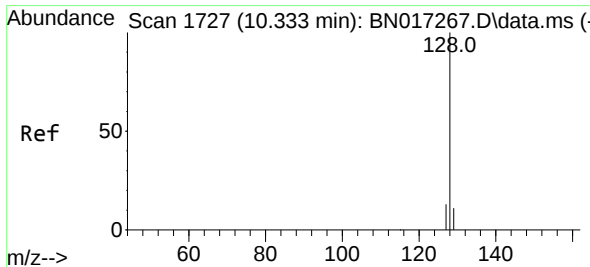
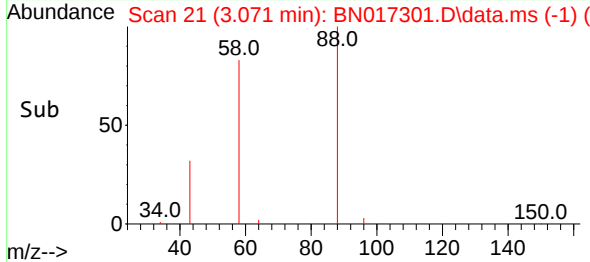
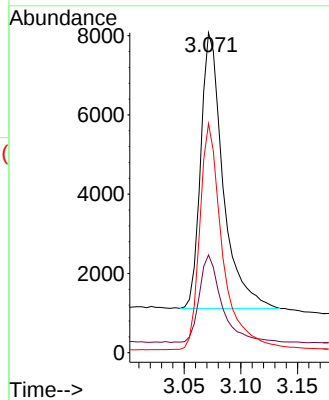
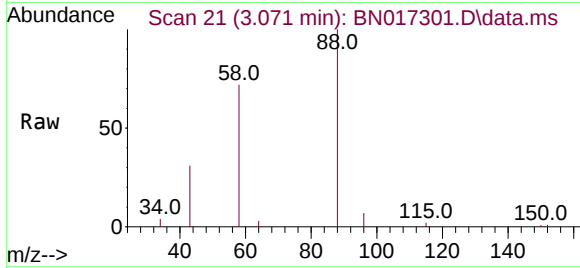




#2
1,4-Dioxane
Concen: 1.650 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

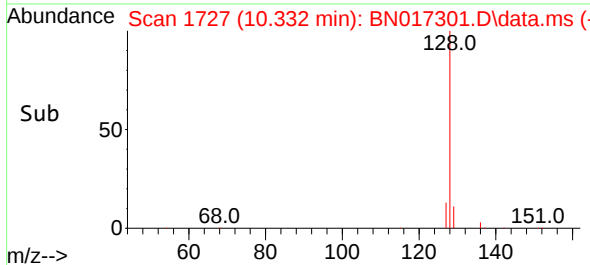
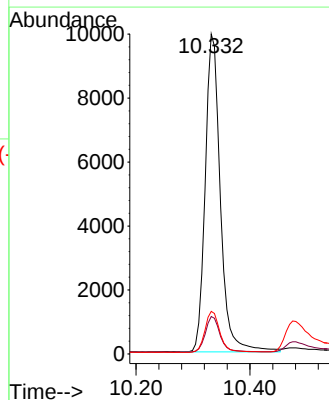
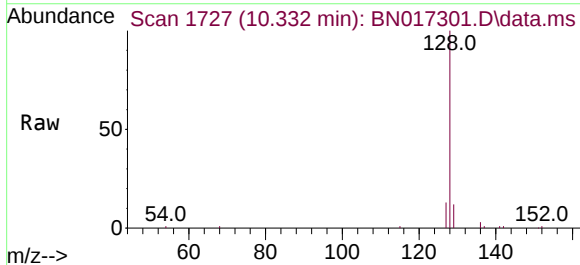
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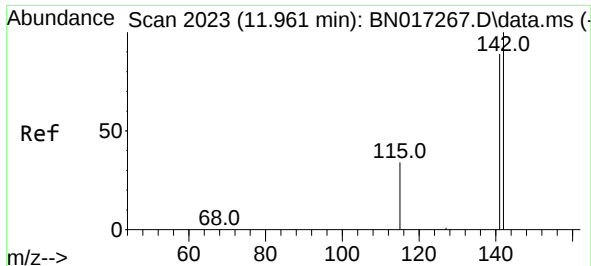
Tgt Ion: 88 Resp: 9530
Ion Ratio Lower Upper
88 100
43 30.6 31.8 47.6#
58 71.6 41.9 62.9#



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion: 128 Resp: 18351
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.3 10.8 16.2

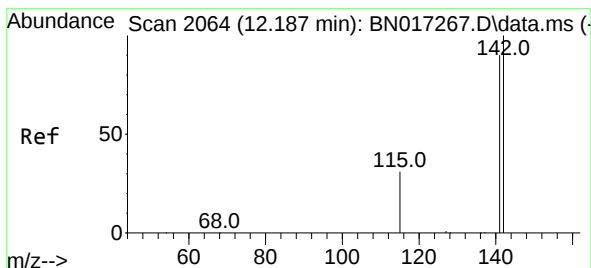
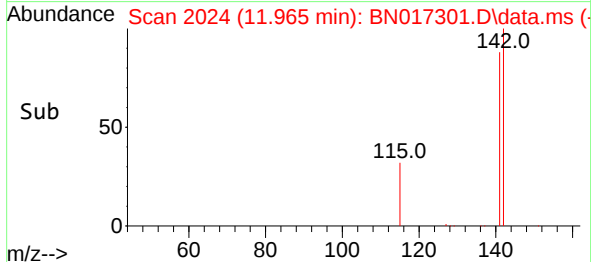
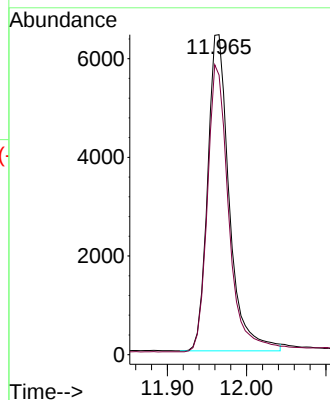
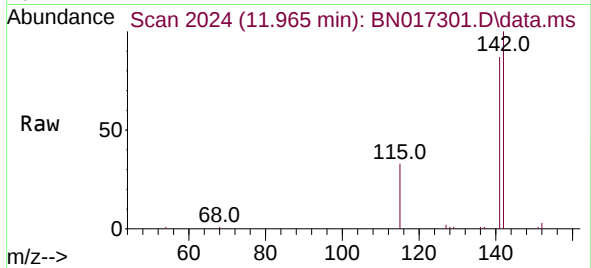




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 11.965 min Scan# 2023
Delta R.T. 0.004 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

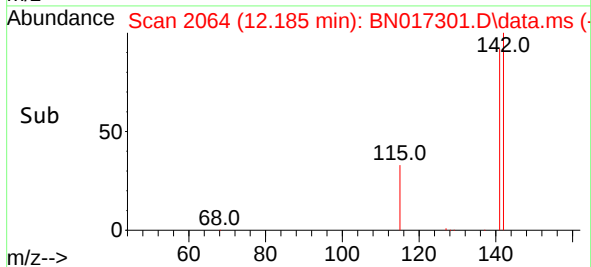
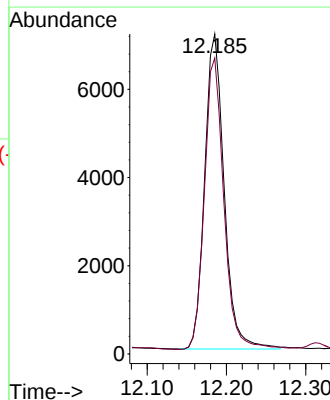
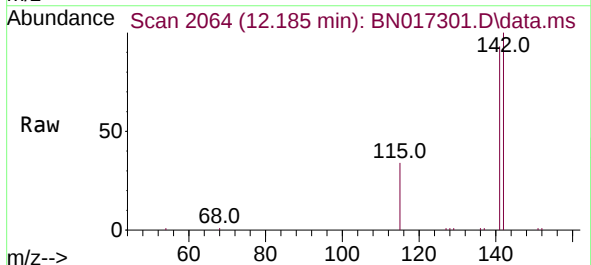
Instrument :
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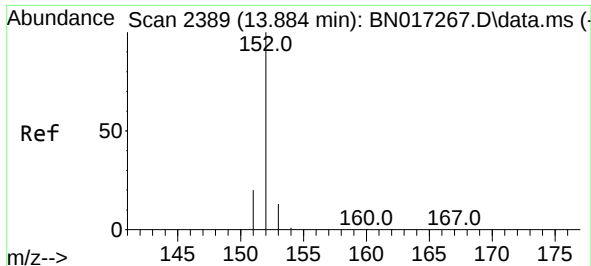
Tgt Ion:142 Resp: 12211
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:142 Resp: 12199
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8

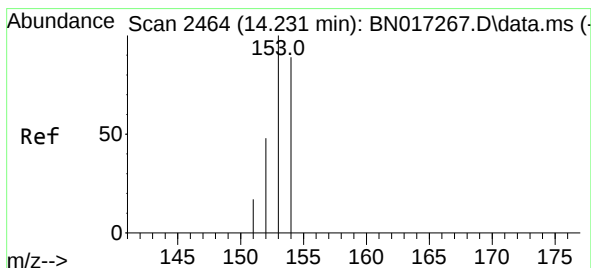
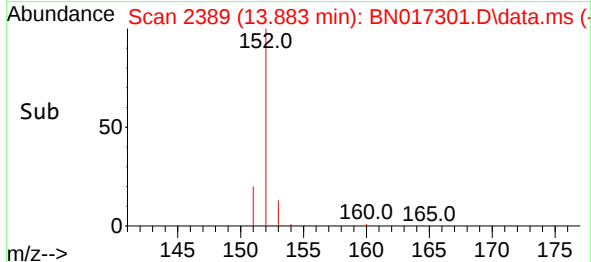
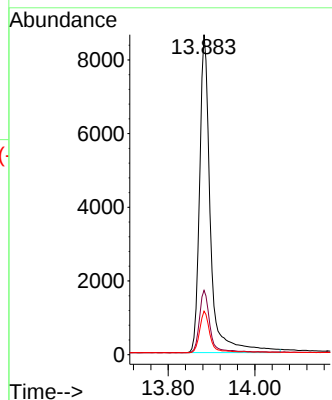
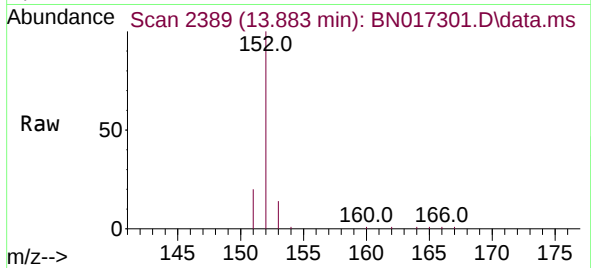




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.883 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

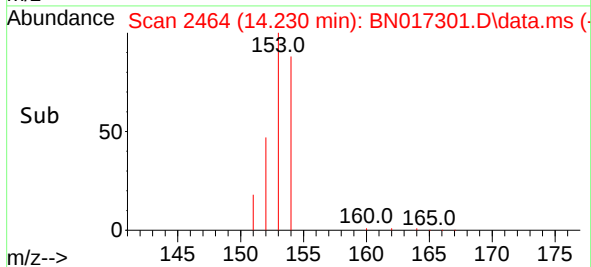
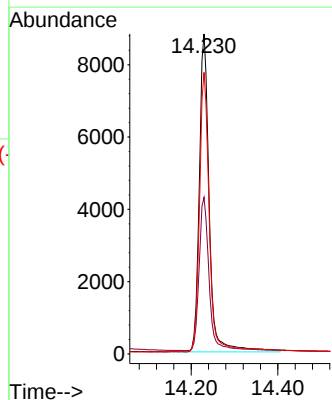
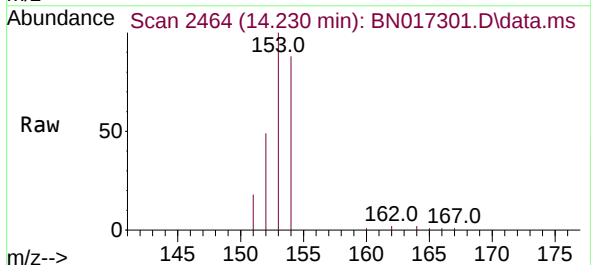
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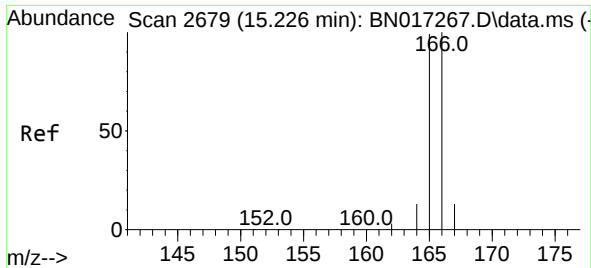
Tgt Ion:152 Resp: 15063
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.230 min Scan# 2464
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:153 Resp: 14021
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 88.0 70.0 105.0

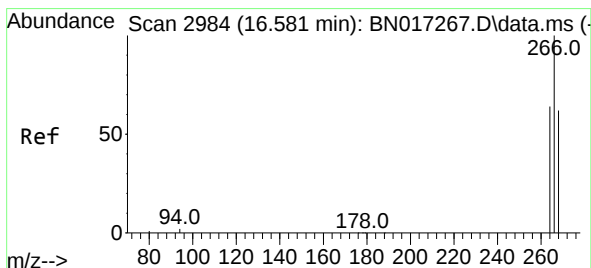
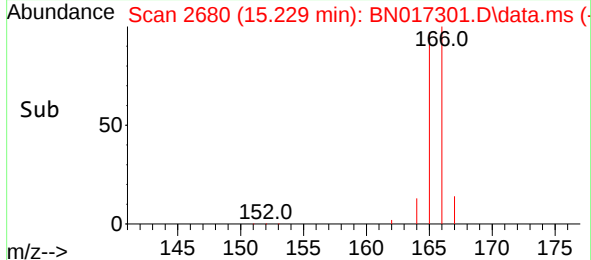
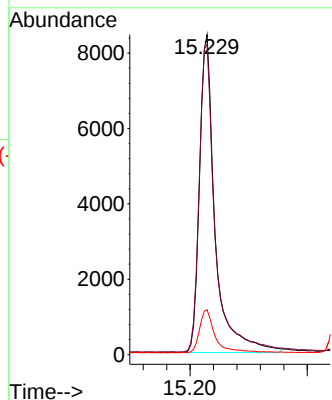
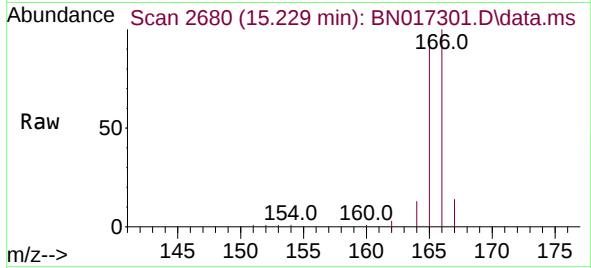




#12
 Fluorene
 Concen: 0.350 ng/ul
 RT: 15.229 min Scan# 2680
 Delta R.T. 0.003 min
 Lab File: BN017301.D
 Acq: 04 Nov 2021 07:33

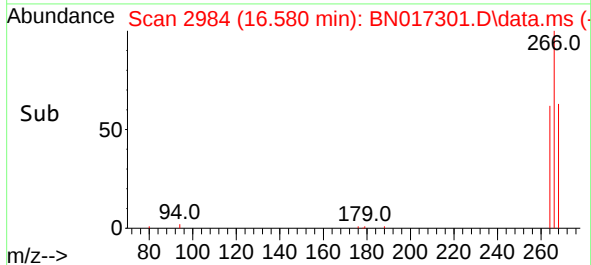
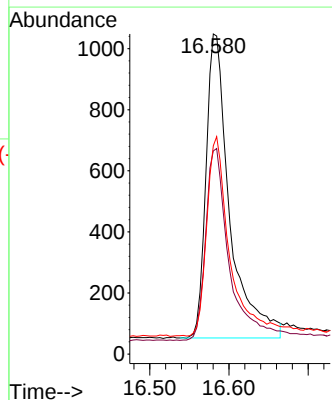
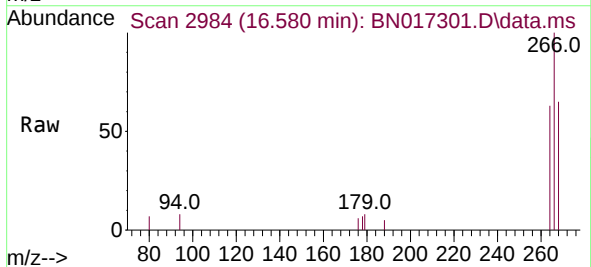
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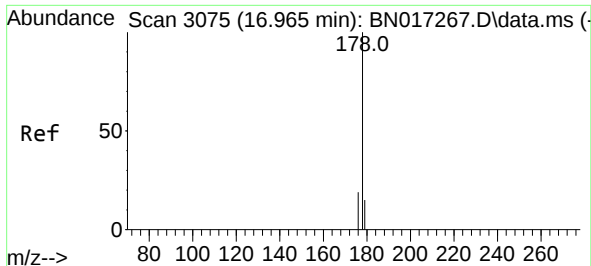
Tgt Ion:166 Resp: 15674
 Ion Ratio Lower Upper
 166 100
 165 97.0 77.7 116.5
 167 14.1 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.382 ng/ul
 RT: 16.580 min Scan# 2984
 Delta R.T. -0.001 min
 Lab File: BN017301.D
 Acq: 04 Nov 2021 07:33

Tgt Ion:266 Resp: 2065
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.9 74.9
 268 64.1 51.2 76.8

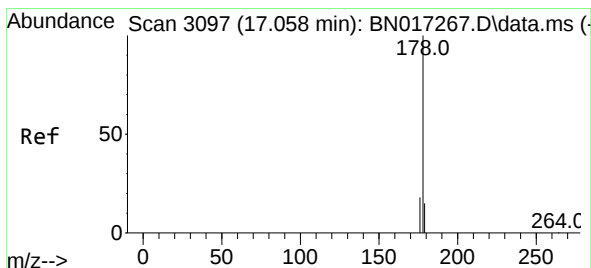
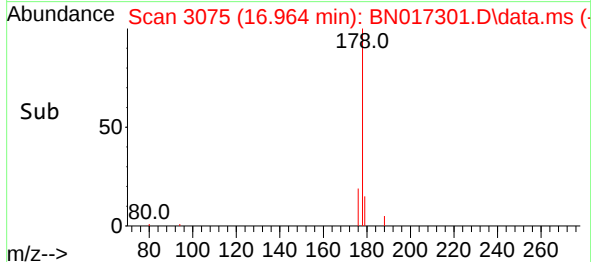
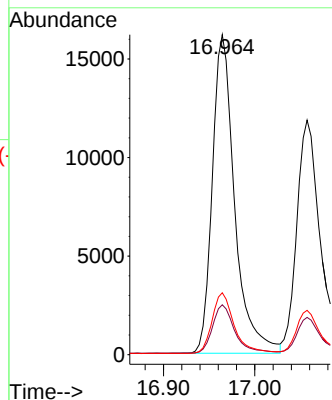
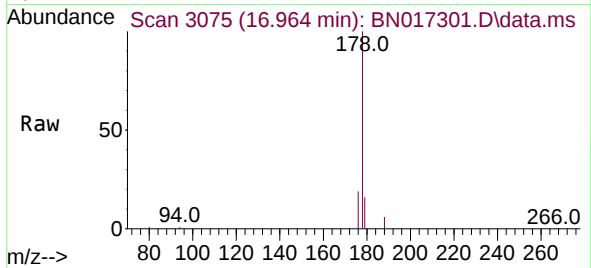




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

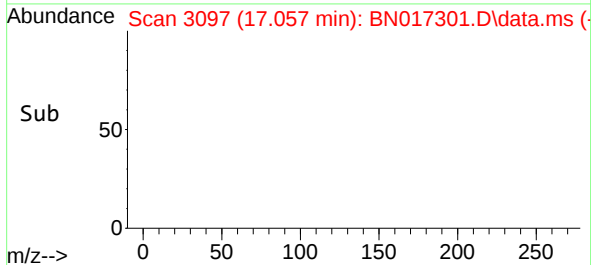
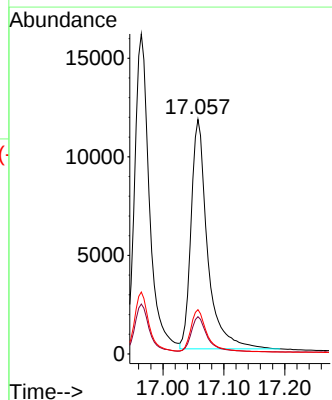
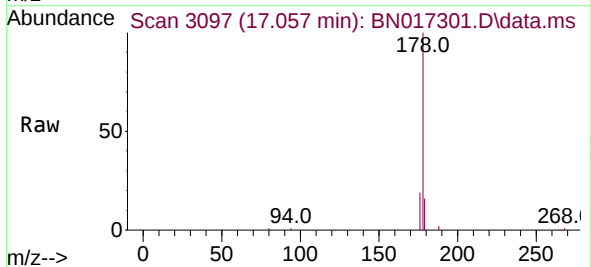
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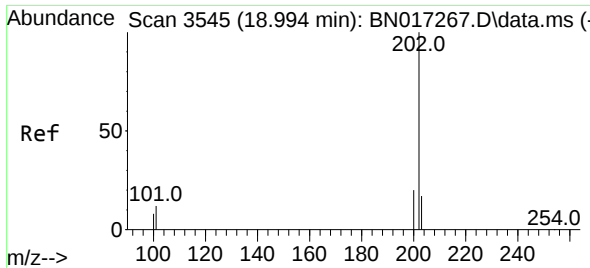
Tgt Ion:178 Resp: 27453
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:178 Resp: 21800
Ion Ratio Lower Upper
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179 15.9 12.6 19.0
176 18.9 15.2 22.8

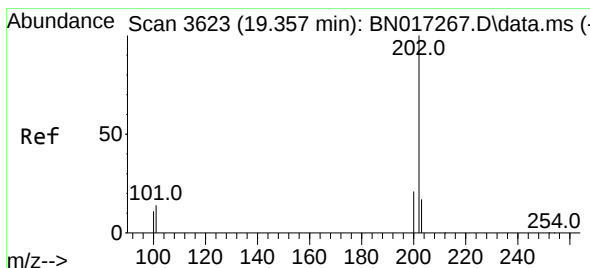
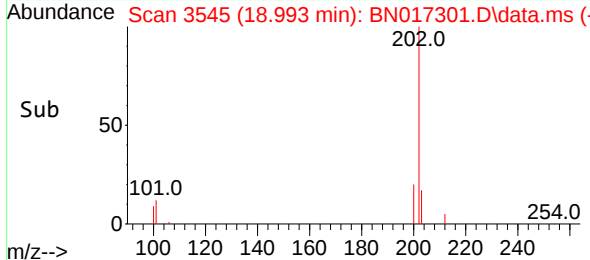
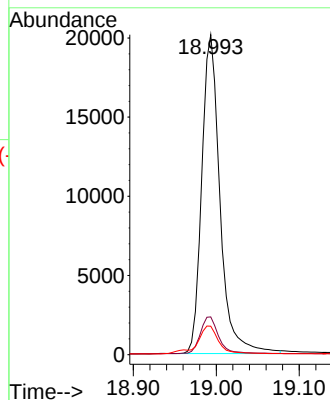
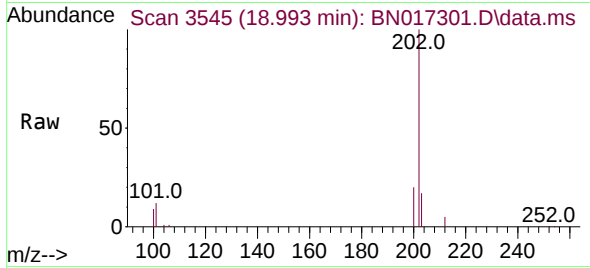




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 18.993 min Scan# 3545
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

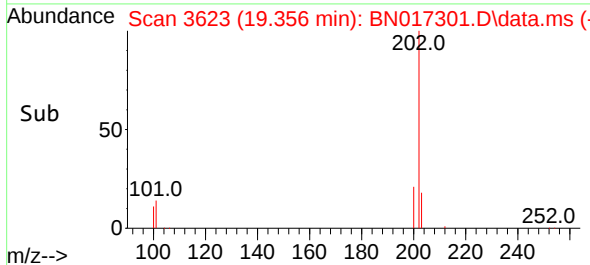
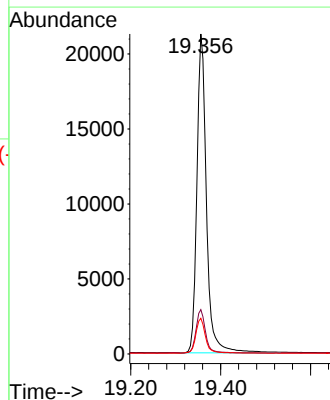
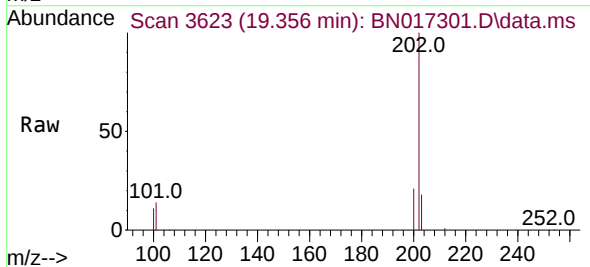
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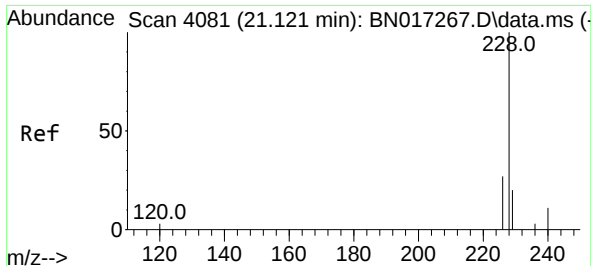
Tgt Ion:202 Resp: 30864
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.9 7.2 10.8



#20
Pyrene
Concen: 0.401 ng/u1
RT: 19.356 min Scan# 3623
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:202 Resp: 31540
Ion Ratio Lower Upper
202 100
101 13.9 10.3 15.5
100 11.2 8.2 12.2

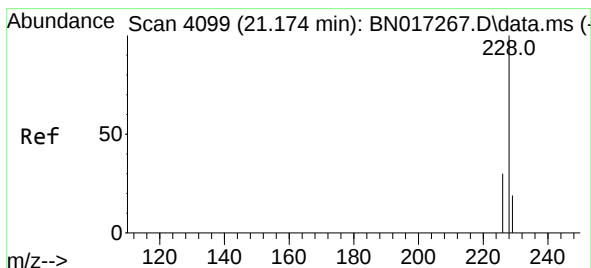
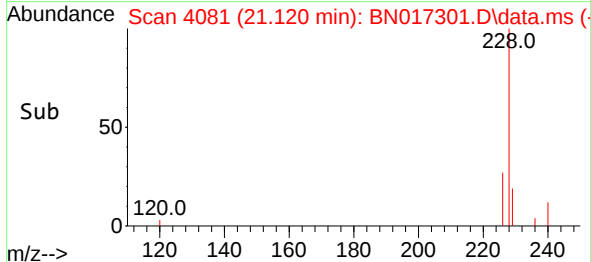
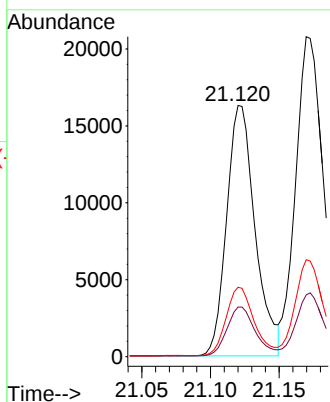
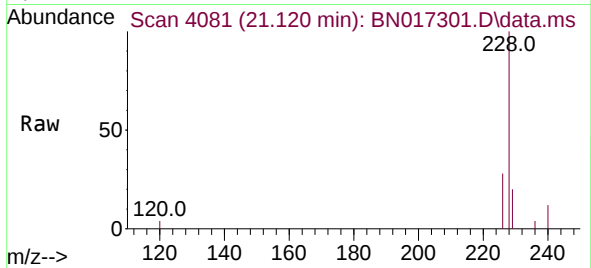




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

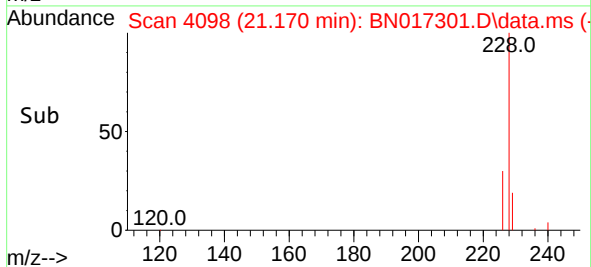
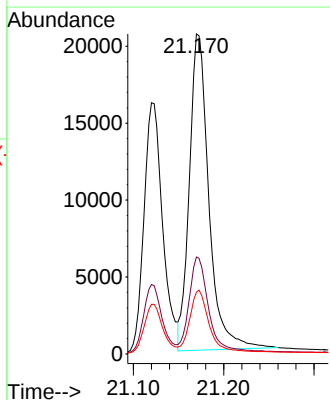
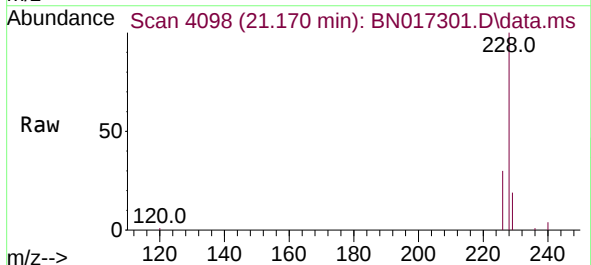
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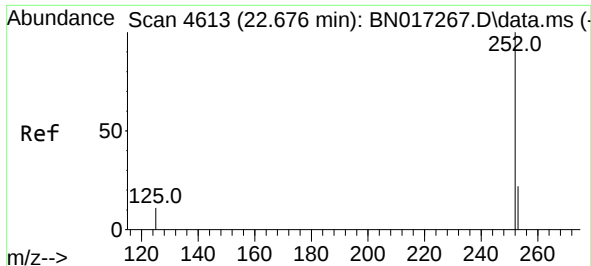
Tgt Ion:228 Resp: 23514
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.7 21.7 32.5



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.170 min Scan# 4098
Delta R.T. -0.004 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:228 Resp: 30830
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.3 15.4 23.2

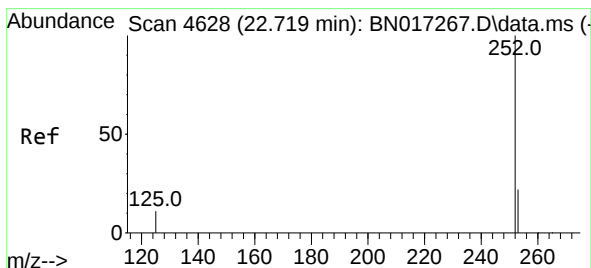
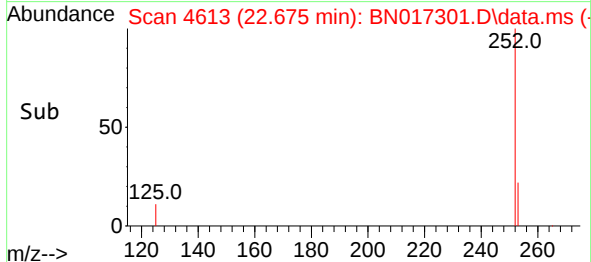
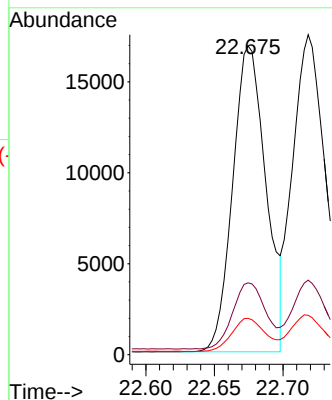
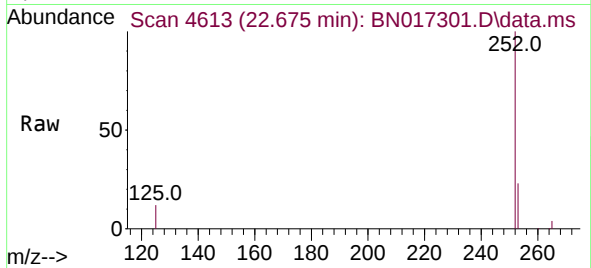




#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 22.675 min Scan# 4613
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

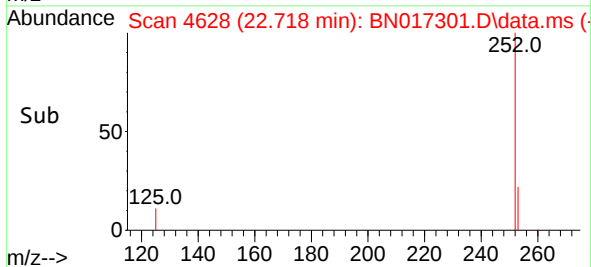
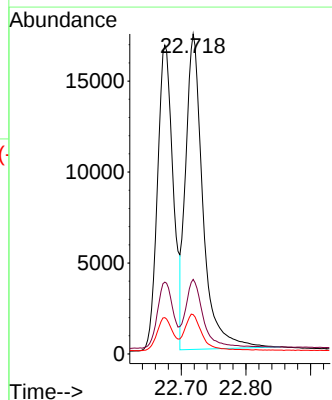
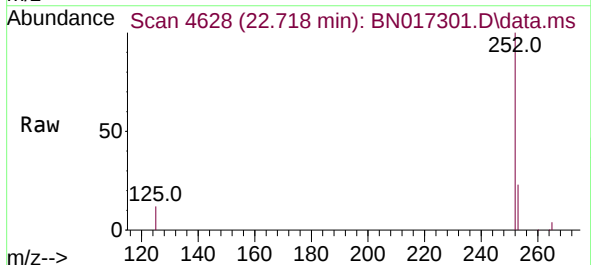
Instrument :
BNA_N
ClientSampleId :
SLCS425

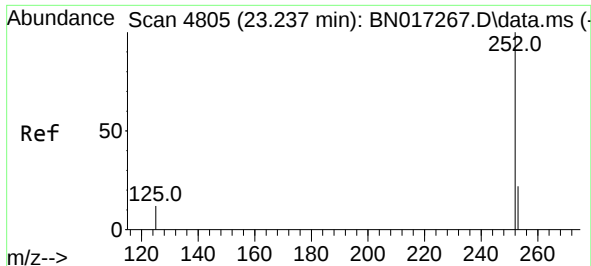
Tgt Ion:252 Resp: 28381
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 11.8 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 22.718 min Scan# 4628
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:252 Resp: 32010
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 12.3 10.0 15.0

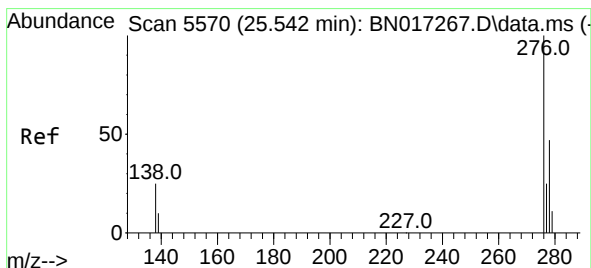
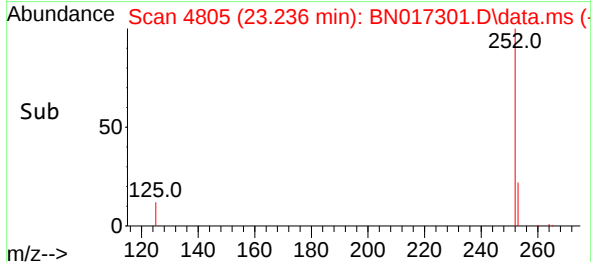
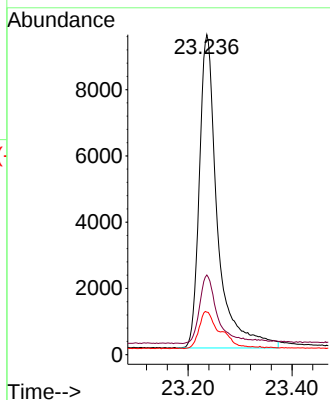
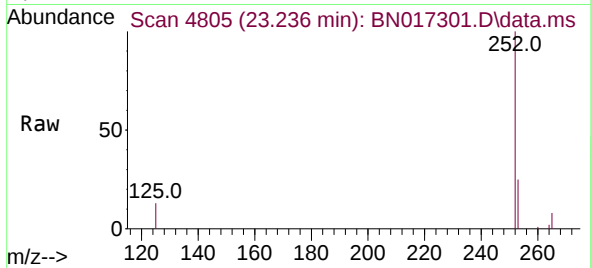




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.236 min Scan# 4805
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

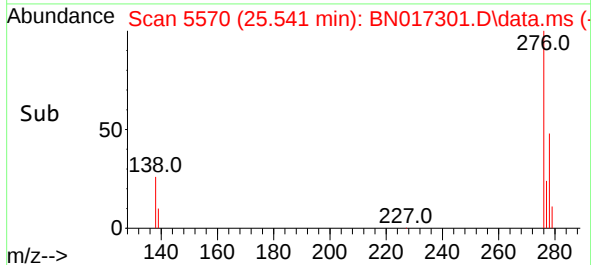
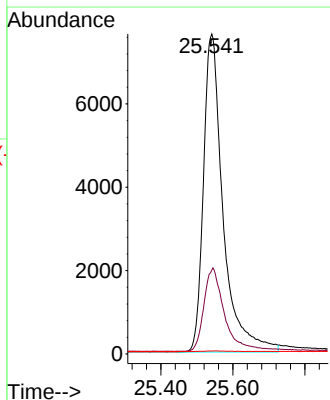
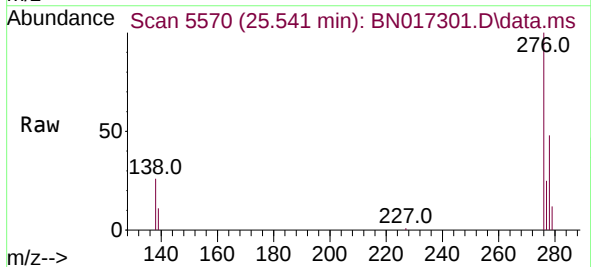
Instrument :
BNA_N
ClientSampleId :
SLCS425

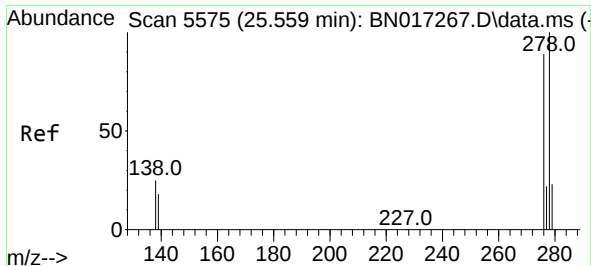
Tgt Ion:	252	Resp:	22905
Ion Ratio	Lower	Upper	
252	100		
253	24.9	19.3	28.9
125	13.3	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 25.541 min Scan# 5570
Delta R.T. -0.001 min
Lab File: BN017301.D
Acq: 04 Nov 2021 07:33

Tgt Ion:	276	Resp:	28886
Ion Ratio	Lower	Upper	
276	100		
138	27.6	22.2	33.4
227	0.1	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.325 ng/ul

RT: 25.561 min Scan# 51

Delta R.T. 0.002 min

Lab File: BN017301.D

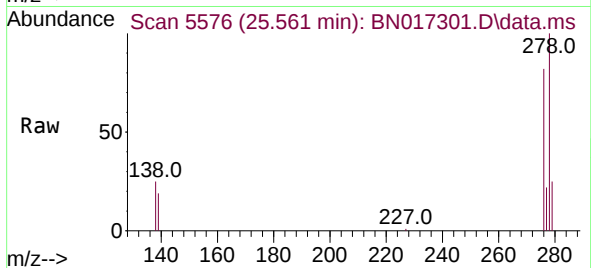
Acq: 04 Nov 2021 07:33

Instrument :

BNA_N

ClientSampleId :

SLCS425



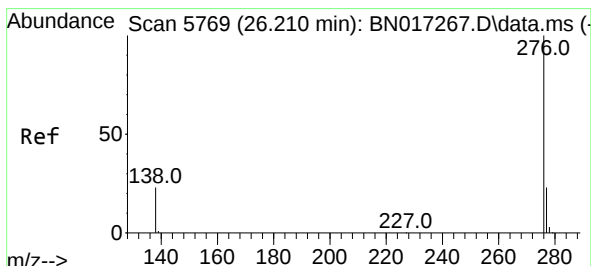
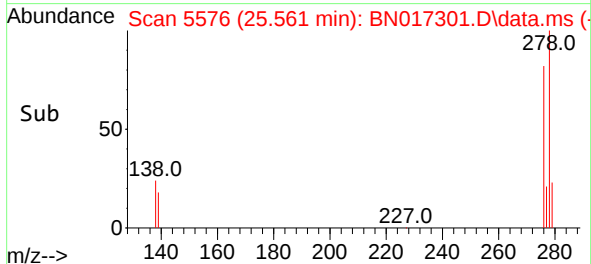
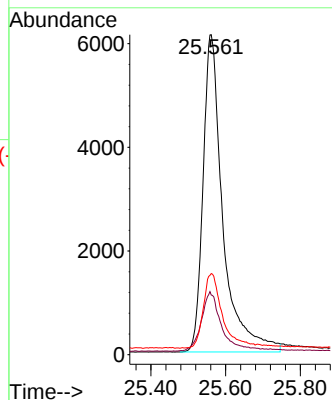
Tgt Ion:278 Resp: 22613

Ion Ratio Lower Upper

278 100

139 18.6 15.4 23.0

279 25.3 19.5 29.3



#29

Benzo(g,h,i)perylene

Concen: 0.333 ng/ul

RT: 26.209 min Scan# 5769

Delta R.T. -0.001 min

Lab File: BN017301.D

Acq: 04 Nov 2021 07:33

Tgt Ion:276 Resp: 24799

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 24.3 19.0 28.6

