

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018085.D
 Acq On : 17 Dec 2021 05:32
 Operator : CG/JU
 Sample : PB141345BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS345

Quant Time: Dec 17 06:42:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

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

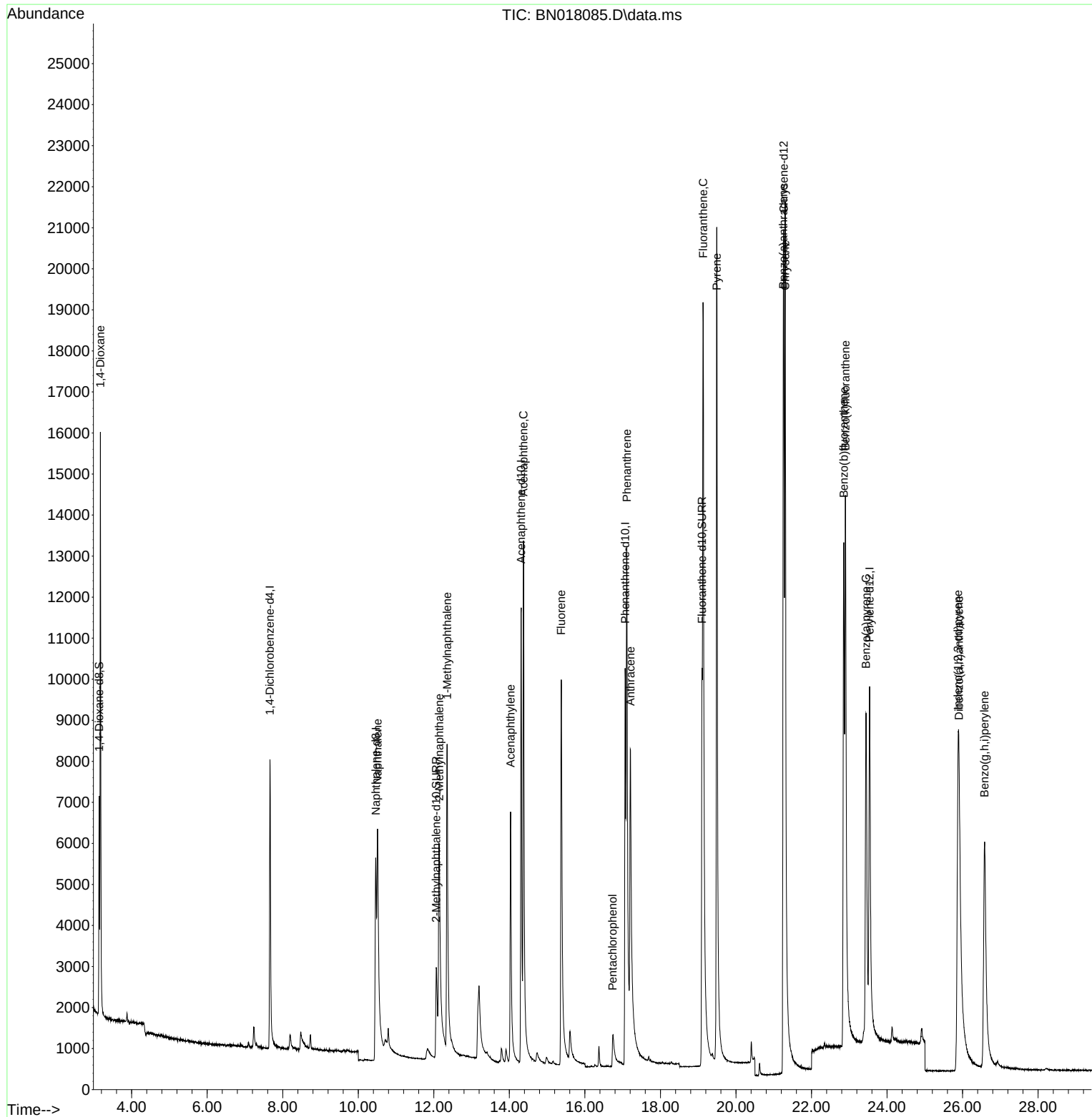
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	4597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.465	136	13814	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.314	164	8600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.067	188	16764	0.400	ng/ul	0.00
17) Chrysene-d12	21.264	240	17123	0.400	ng/ul #	0.00
23) Perylene-d12	23.538	264	14099	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3236	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.066	152	5641	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.102	212	18270	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	8979	1.602	ng/ul#	44
5) Naphthalene	10.509	128	12500	0.330	ng/ul	98
7) 2-Methylnaphthalene	12.143	142	7017	0.330	ng/ul	99
8) 1-Methylnaphthalene	12.352	142	7697	0.312	ng/ul	99
10) Acenaphthylene	14.032	152	11199	0.321	ng/ul	99
11) Acenaphthene	14.374	153	10057	0.325	ng/ul	97
12) Fluorene	15.374	166	10939	0.320	ng/ul	100
14) Pentachlorophenol	16.738	266	1355	0.462	ng/ul	98
15) Phenanthrene	17.109	178	18784	0.323	ng/ul	99
16) Anthracene	17.206	178	14937	0.327	ng/ul	99
19) Fluoranthene	19.129	202	24601	0.357	ng/ul	98
20) Pyrene	19.492	202	27223	0.352	ng/ul	94
21) Benzo(a)anthracene	21.253	228	17117	0.336	ng/ul	99
22) Chrysene	21.302	228	26134	0.357	ng/ul	98
24) Benzo(b)fluoranthene	22.854	252	20841	0.370	ng/ul	85
25) Benzo(k)fluoranthene	22.898	252	26560	0.353	ng/ul#	83
26) Benzo(a)pyrene	23.442	252	19374	0.356	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.878	276	21057	0.344	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.908	278	15475	0.345	ng/ul#	84
29) Benzo(g,h,i)perylene	26.582	276	18574	0.354	ng/ul#	88

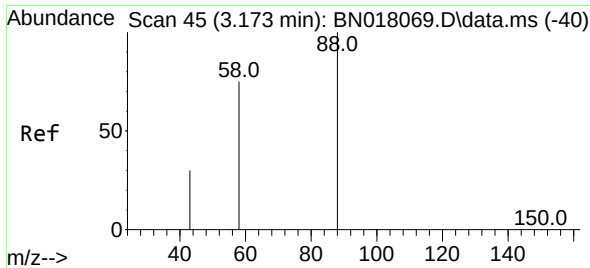
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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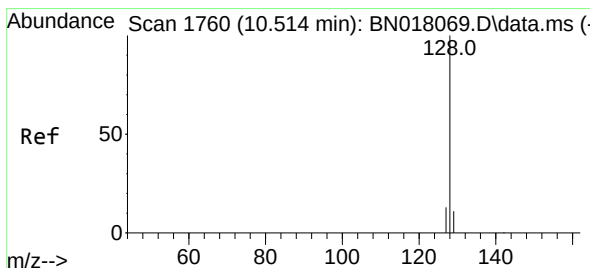
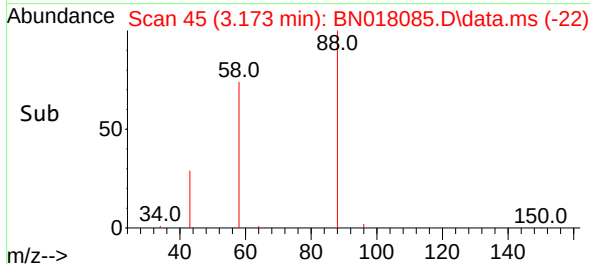
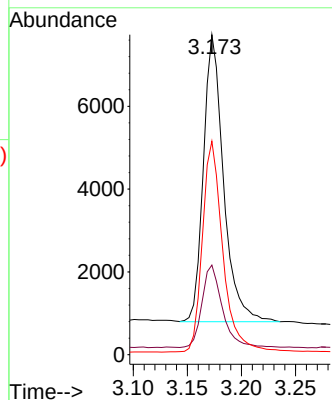
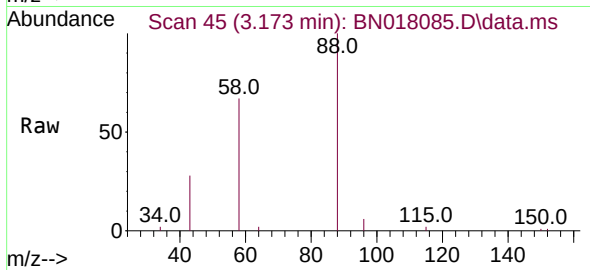




#2
 1,4-Dioxane
 Concen: 1.602 ng/ul
 RT: 3.173 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN018085.D
 Acq: 17 Dec 2021 05:32

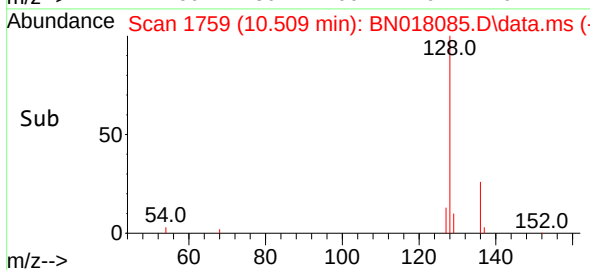
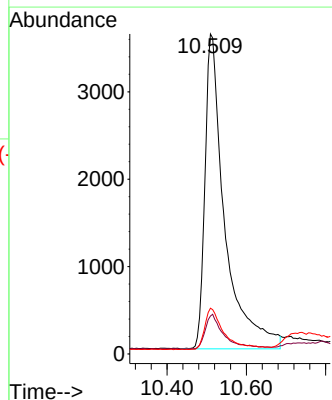
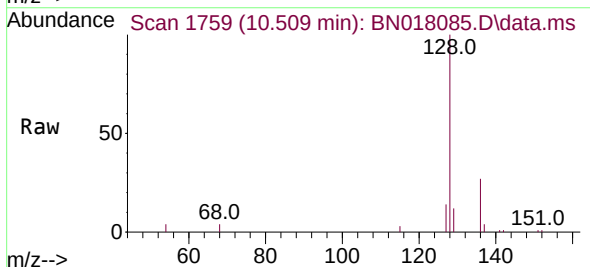
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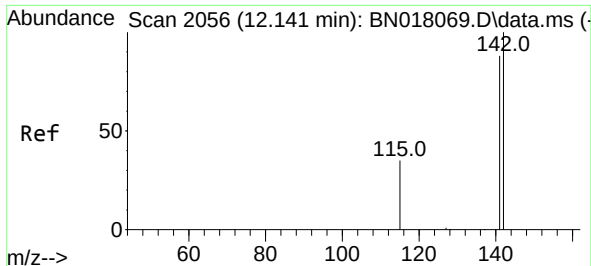
Tgt Ion: 88 Resp: 8979
 Ion Ratio Lower Upper
 88 100
 43 28.0 85.8 128.6#
 58 66.7 43.4 65.0#



#5
 Naphthalene
 Concen: 0.330 ng/ul
 RT: 10.509 min Scan# 1759
 Delta R.T. -0.000 min
 Lab File: BN018085.D
 Acq: 17 Dec 2021 05:32

Tgt Ion:128 Resp: 12500
 Ion Ratio Lower Upper
 128 100
 129 11.9 10.4 15.6
 127 14.3 11.8 17.6

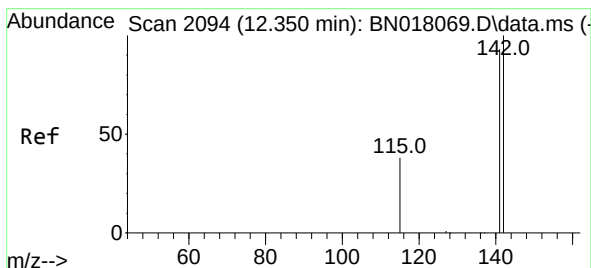
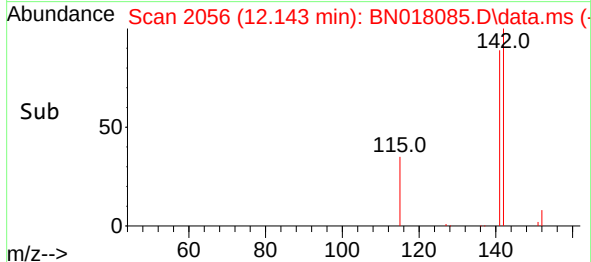
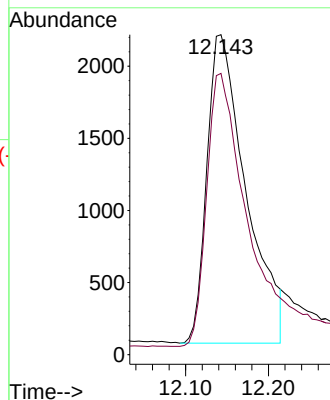
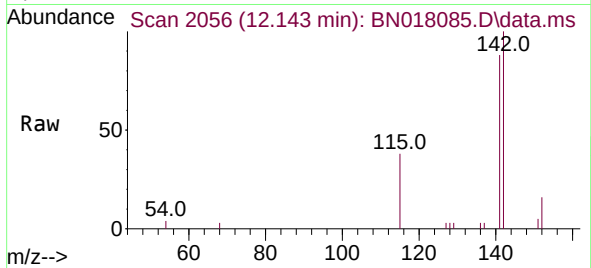




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.143 min Scan# 2056
Delta R.T. 0.005 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

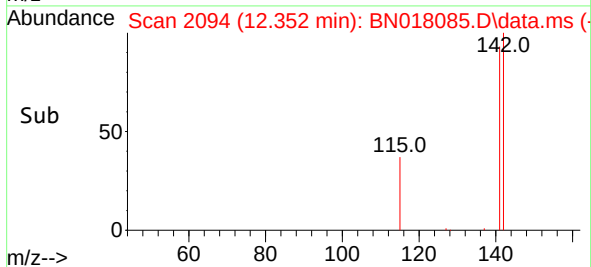
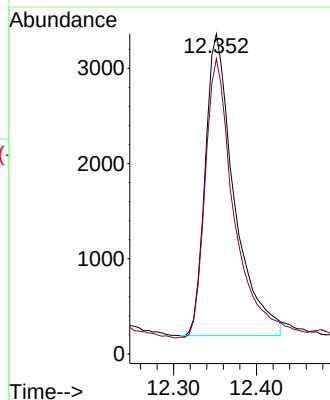
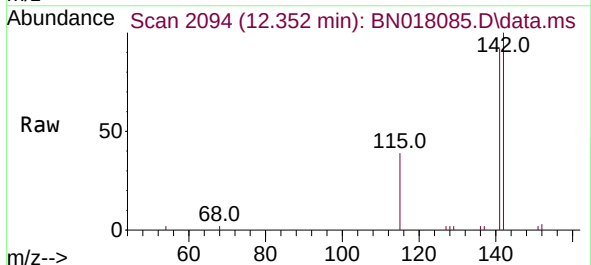
Instrument :
BNA_N
ClientSampleId :
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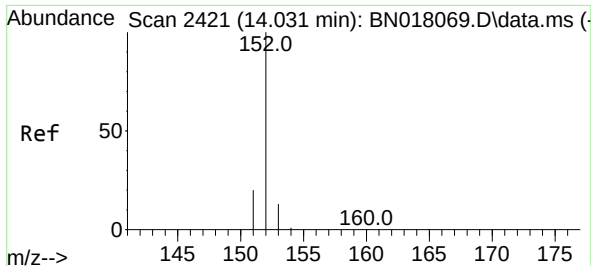
Tgt Ion:142 Resp: 7017
Ion Ratio Lower Upper
142 100
141 88.2 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.352 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Tgt Ion:142 Resp: 7697
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9

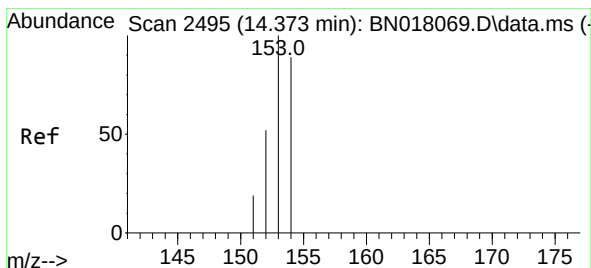
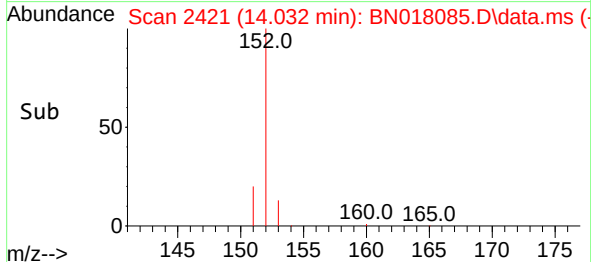
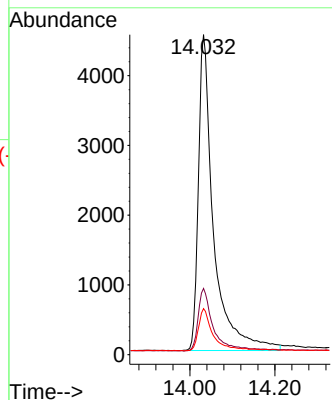
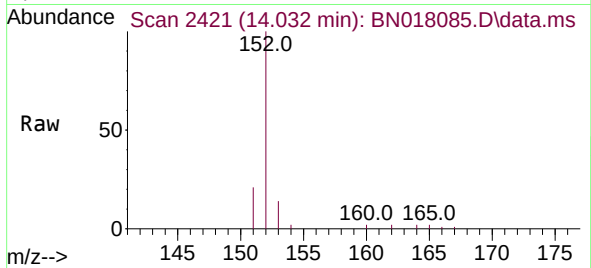




#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.032 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

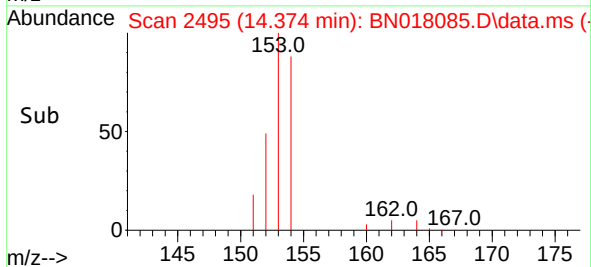
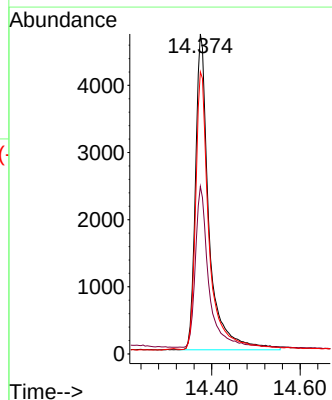
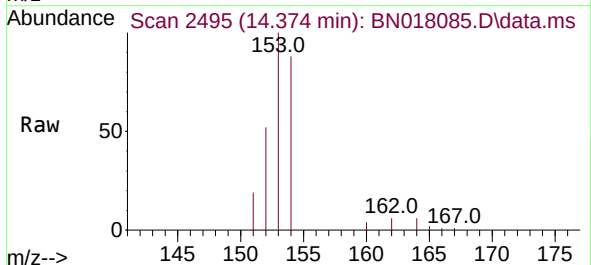
Instrument :
BNA_N
ClientSampleId :
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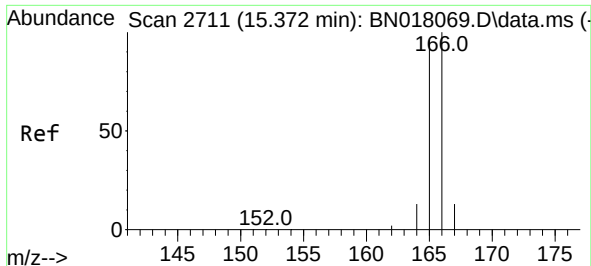
Tgt Ion:152 Resp: 11199
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.374 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

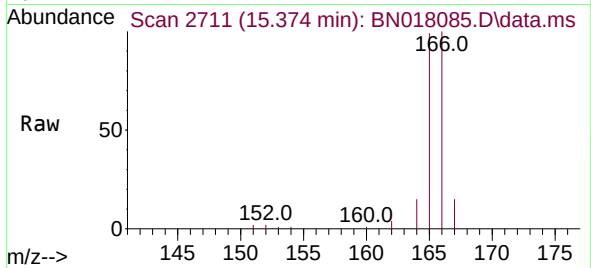
Tgt Ion:153 Resp: 10057
Ion Ratio Lower Upper
153 100
152 52.4 38.3 57.5
154 88.2 71.1 106.7



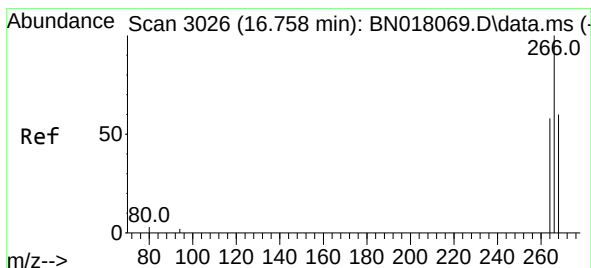
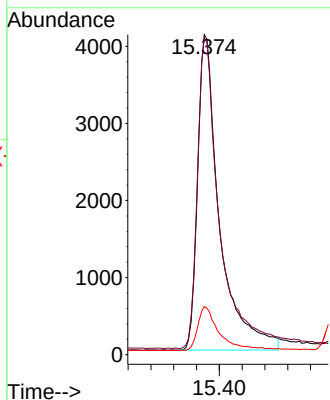
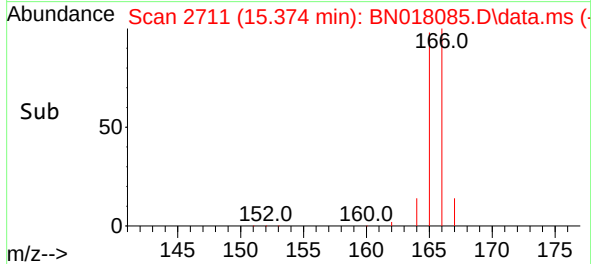


#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

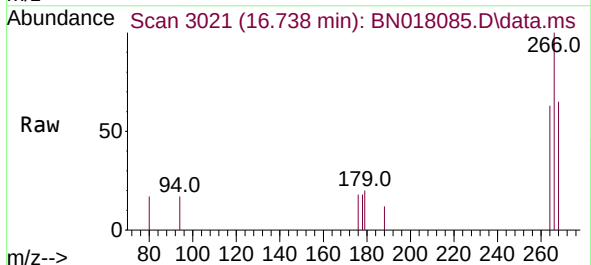
Instrument :
BNA_N
ClientSampleId :
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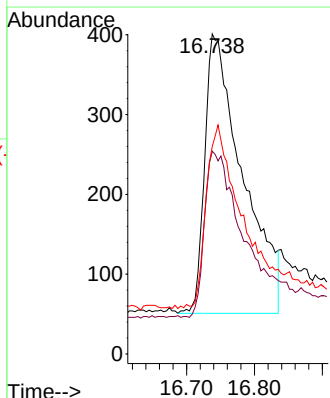
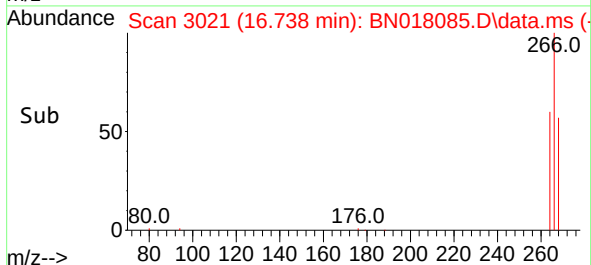
Tgt Ion:166 Resp: 10939
Ion Ratio Lower Upper
166 100
165 98.9 79.2 118.8
167 15.0 11.2 16.8

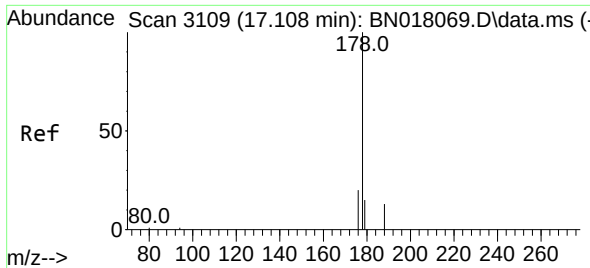


#14
Pentachlorophenol
Concen: 0.462 ng/ul
RT: 16.738 min Scan# 3021
Delta R.T. -0.017 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32



Tgt Ion:266 Resp: 1355
Ion Ratio Lower Upper
266 100
264 61.2 50.3 75.5
268 64.1 52.2 78.4

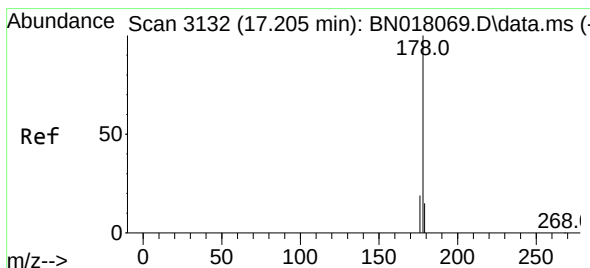
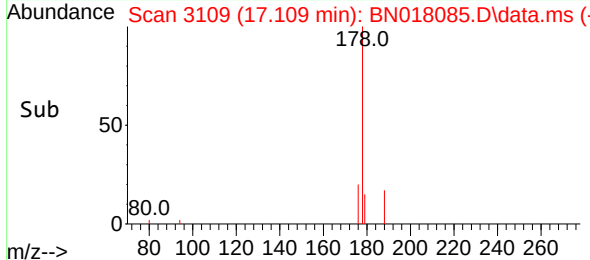
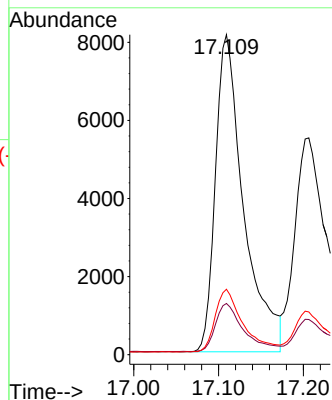
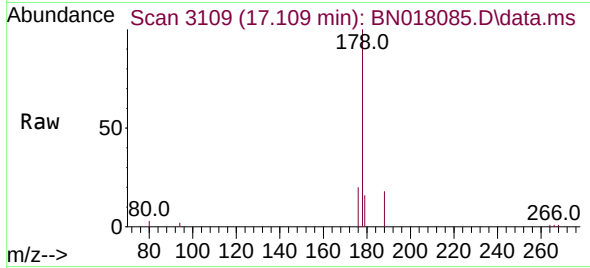




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.109 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

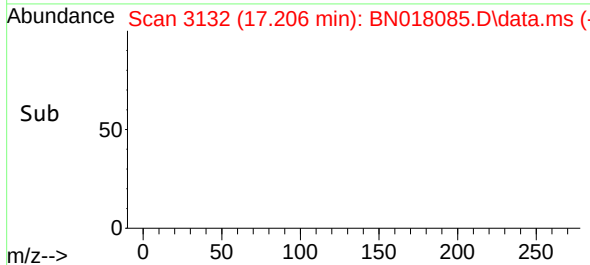
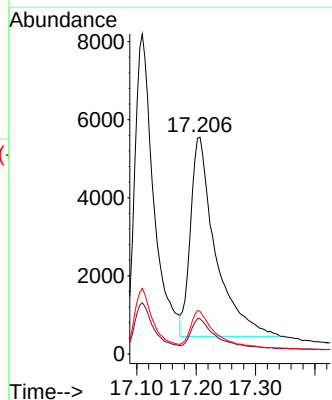
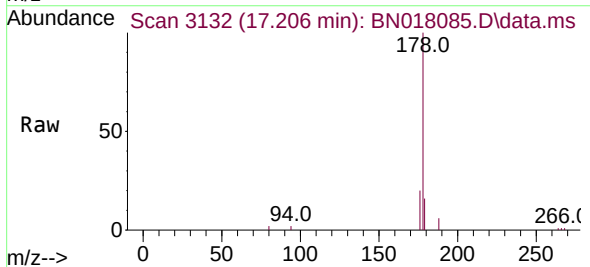
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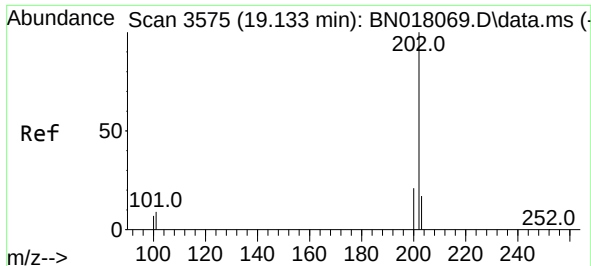
Tgt Ion:178	Resp:	18784
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.0 19.4
176	20.5	15.6 23.4



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.206 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Tgt Ion:178	Resp:	14937
Ion Ratio	Lower	Upper
178	100	
179	16.2	13.3 19.9
176	19.7	15.1 22.7

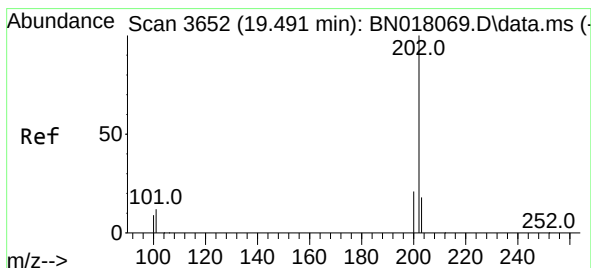
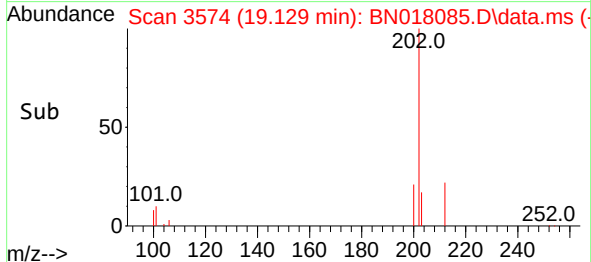
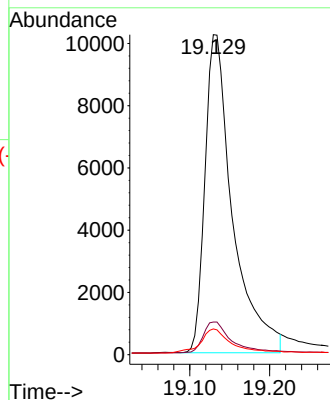
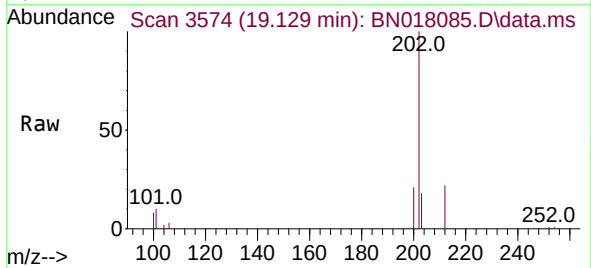




#19
Fluoranthene
Concen: 0.357 ng/u1
RT: 19.129 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

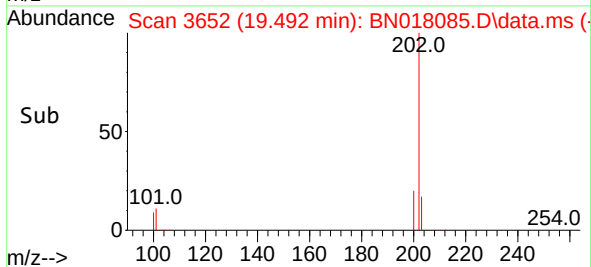
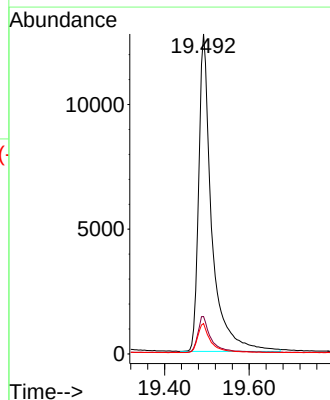
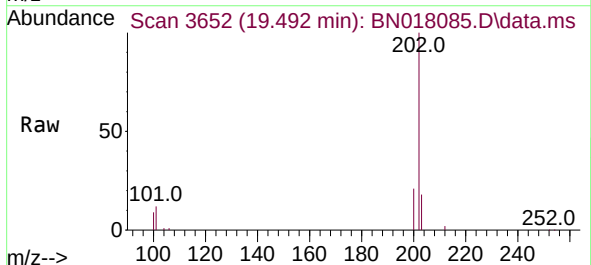
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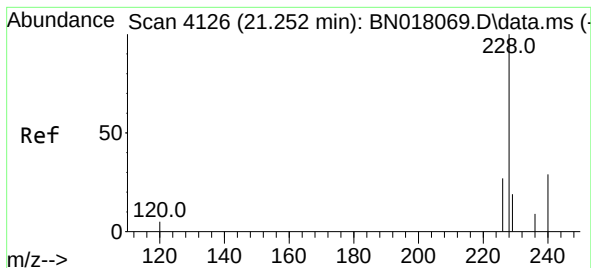
Tgt Ion:	202	Resp:	24601
Ion Ratio	Lower	Upper	
202	100		
101	10.2	9.0	13.4
100	8.1	6.8	10.2



#20
Pyrene
Concen: 0.352 ng/u1
RT: 19.492 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Tgt Ion:	202	Resp:	27223
Ion Ratio	Lower	Upper	
202	100		
101	11.7	11.4	17.2
100	9.5	9.4	14.0





#21

Benzo(a)anthracene

Concen: 0.336 ng/ul

RT: 21.253 min Scan# 4126

Delta R.T. 0.003 min

Lab File: BN018085.D

Acq: 17 Dec 2021 05:32

Instrument :

BNA_N

ClientSampleId :

SLCS345

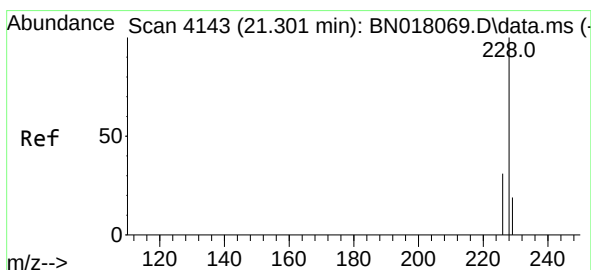
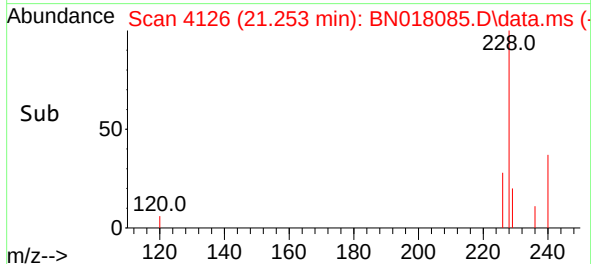
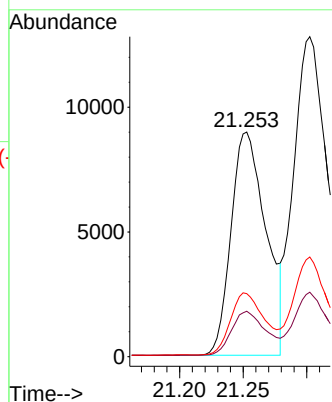
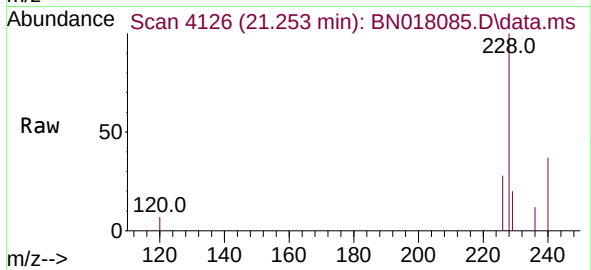
Tgt Ion:228 Resp: 17117

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 28.0 21.8 32.8



#22

Chrysene

Concen: 0.357 ng/ul

RT: 21.302 min Scan# 4143

Delta R.T. 0.003 min

Lab File: BN018085.D

Acq: 17 Dec 2021 05:32

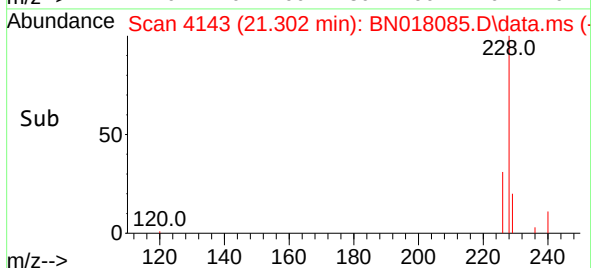
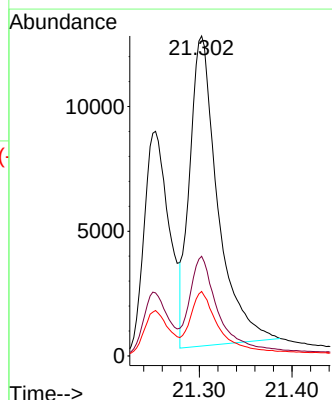
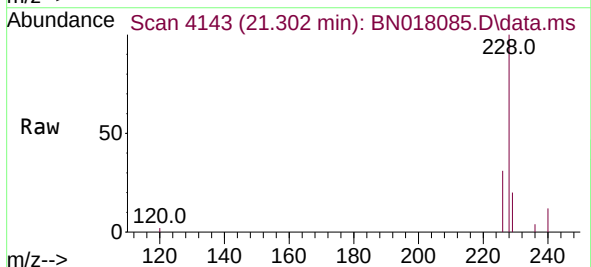
Tgt Ion:228 Resp: 26134

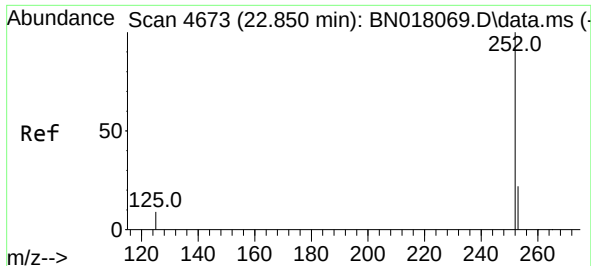
Ion Ratio Lower Upper

228 100

226 31.1 23.9 35.9

229 20.1 15.7 23.5

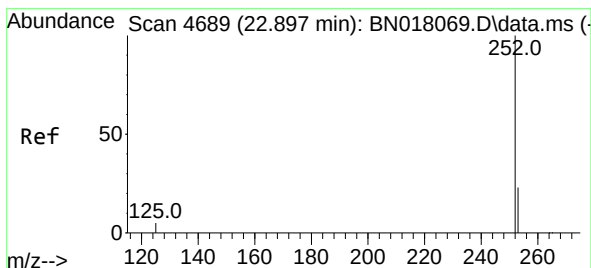
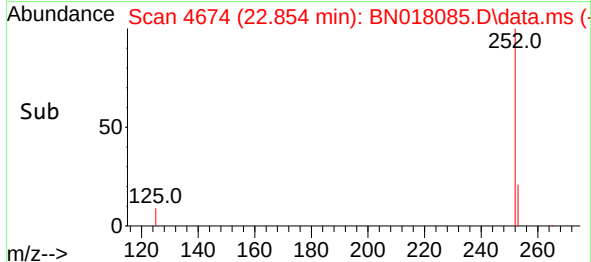
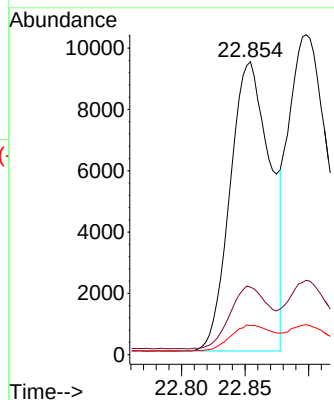
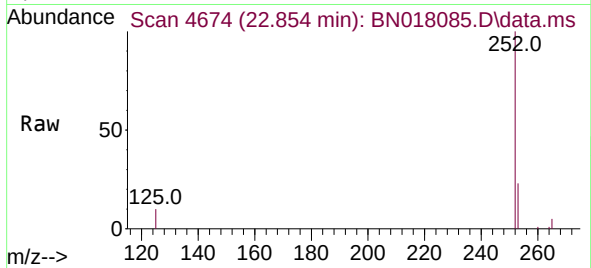




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.854 min Scan# 4674
Delta R.T. 0.003 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

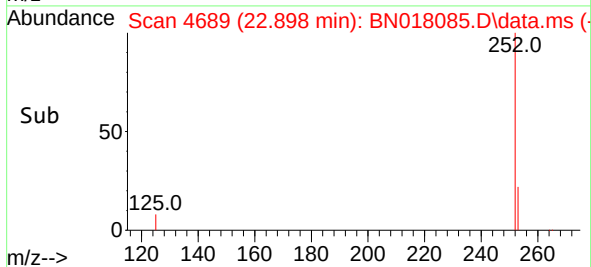
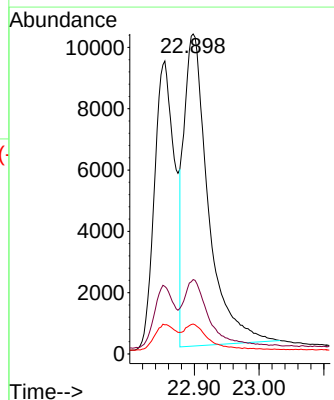
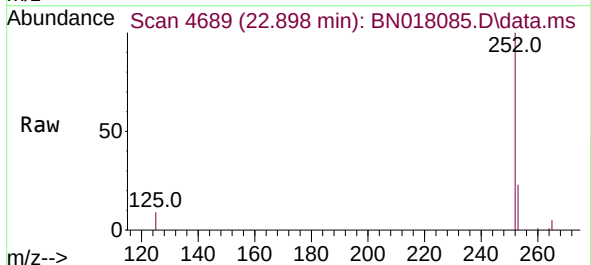
Instrument :
BNA_N
ClientSampleId :
SLCS345

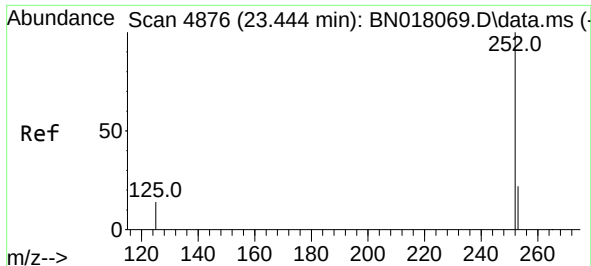
Tgt Ion:252	Resp:	20841
Ion Ratio	Lower	Upper
252	100	
253	23.1	0.0 57.6
125	9.9	0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.898 min Scan# 4689
Delta R.T. 0.006 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

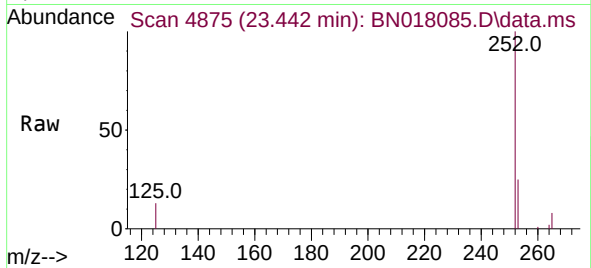
Tgt Ion:252	Resp:	26560
Ion Ratio	Lower	Upper
252	100	
253	23.2	23.1 34.7
125	9.3	17.1 25.7#



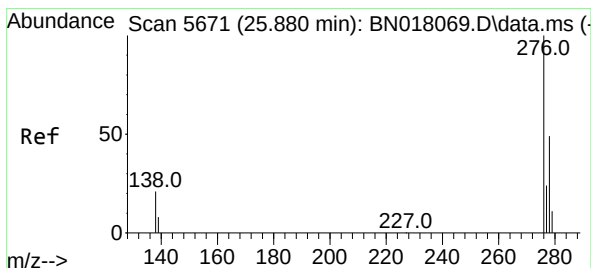
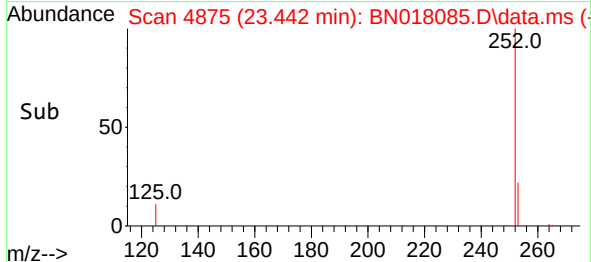
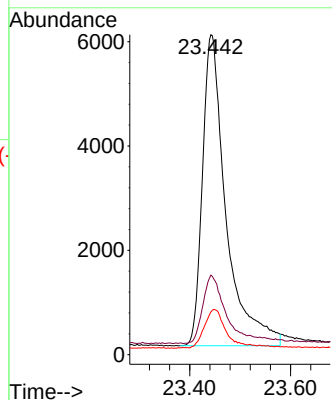


#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.442 min Scan# 4876
Delta R.T. 0.003 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Instrument :
BNA_N
ClientSampleId :
SLCS345

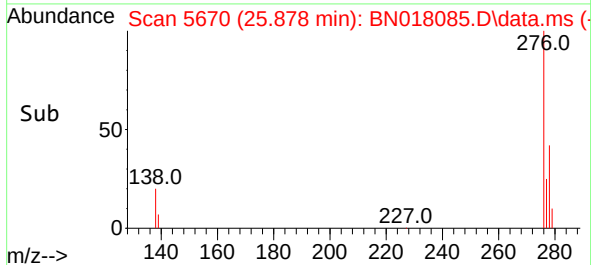
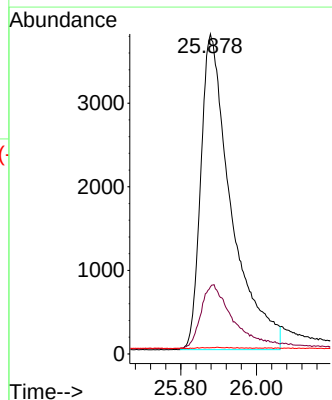
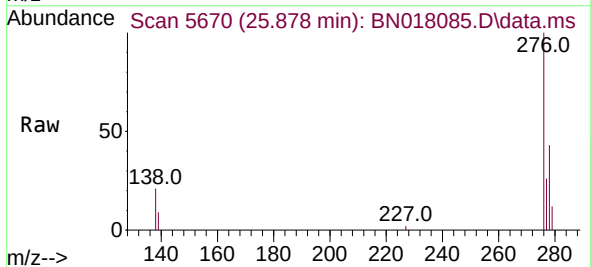


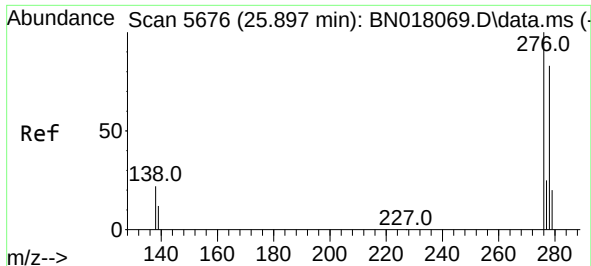
Tgt Ion:252 Resp: 19374
Ion Ratio Lower Upper
252 100
253 24.8 25.0 37.4#
125 13.3 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 25.878 min Scan# 5670
Delta R.T. 0.003 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Tgt Ion:276 Resp: 21057
Ion Ratio Lower Upper
276 100
138 0.0 0.1 0.1#
227 0.0 0.0 0.0

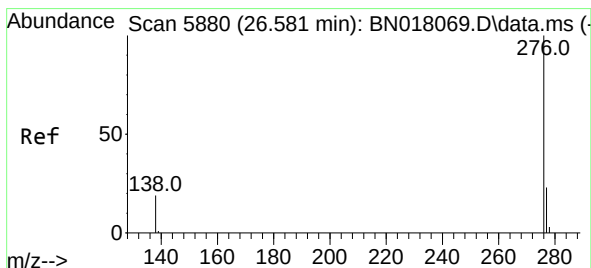
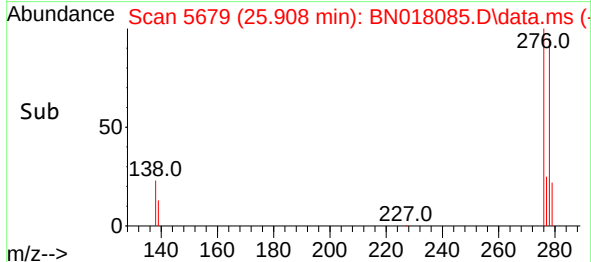
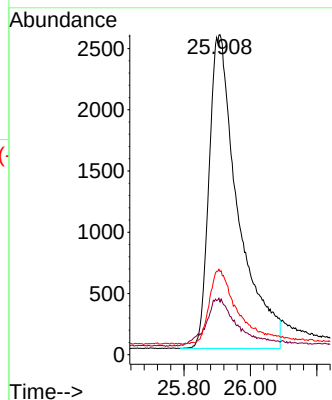
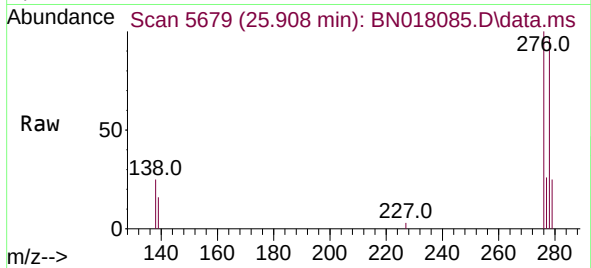




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 25.908 min Scan# 5679
Delta R.T. 0.010 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Instrument :
BNA_N
ClientSampleId :
SLCS345

Tgt Ion:278 Resp: 15475
Ion Ratio Lower Upper
278 100
139 16.5 21.8 32.8#
279 26.0 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 26.582 min Scan# 5880
Delta R.T. 0.007 min
Lab File: BN018085.D
Acq: 17 Dec 2021 05:32

Tgt Ion:276 Resp: 18574
Ion Ratio Lower Upper
276 100
138 20.4 24.5 36.7#
277 24.1 21.2 31.8

