

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
 Data File : BN019469.D
 Acq On : 15 Apr 2022 19:01
 Operator : CG/JU
 Sample : PB144067BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS067

Quant Time: Apr 18 05:04:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

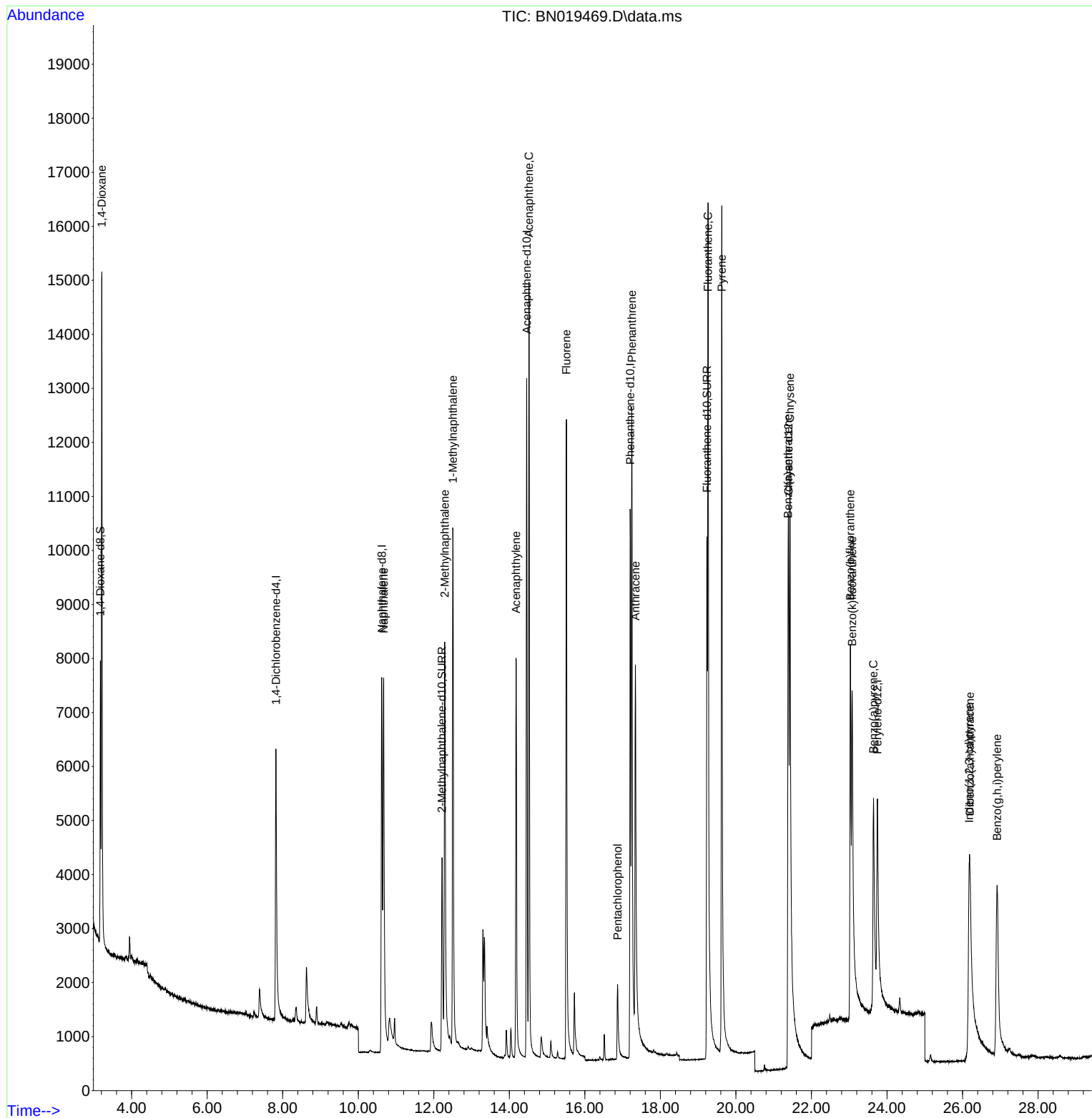
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	3929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.624	136	12501	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	7608	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	13758	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	8552	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	6515	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	3230	0.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.219	152	6288	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.235	212	13896	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	7754	1.592	ng/ul#	74
5) Naphthalene	10.673	128	12137	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.290	142	7277	0.314	ng/ul#	100
8) 1-Methylnaphthalene	12.505	142	7819	0.322	ng/ul#	100
10) Acenaphthylene	14.179	152	10377	0.376	ng/ul	99
11) Acenaphthene	14.521	153	9007	0.327	ng/ul	98
12) Fluorene	15.511	166	9543	0.311	ng/ul	99
14) Pentachlorophenol	16.868	266	1434	0.649	ng/ul	92
15) Phenanthrene	17.243	178	14978	0.328	ng/ul	100
16) Anthracene	17.340	178	11209	0.319	ng/ul	99
19) Fluoranthene	19.263	202	16633	0.391	ng/ul	99
20) Pyrene	19.626	202	17553	0.388	ng/ul	99
21) Benzo(a)anthracene	21.380	228	9302	0.353	ng/ul	99
22) Chrysene	21.433	228	13129	0.381	ng/ul	99
24) Benzo(b)fluoranthene	23.032	252	10439	0.346	ng/ul	95
25) Benzo(k)fluoranthene	23.078	252	12546	0.360	ng/ul	97
26) Benzo(a)pyrene	23.643	252	9946	0.386	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.176	276	9763	0.341	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.192	278	7147	0.350	ng/ul	91
29) Benzo(g,h,i)perylene	26.917	276	9890	0.357	ng/ul	99

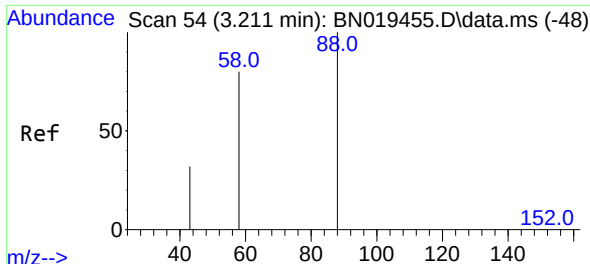
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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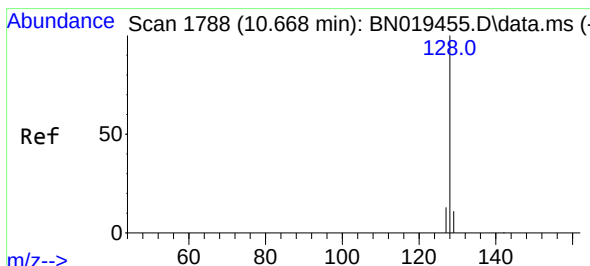
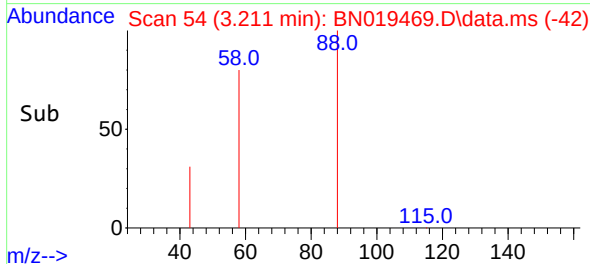
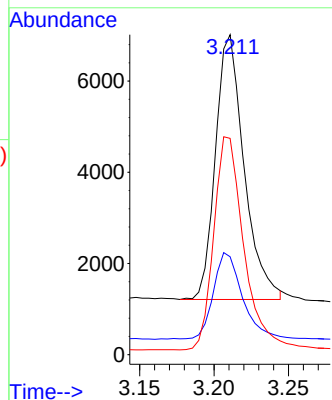
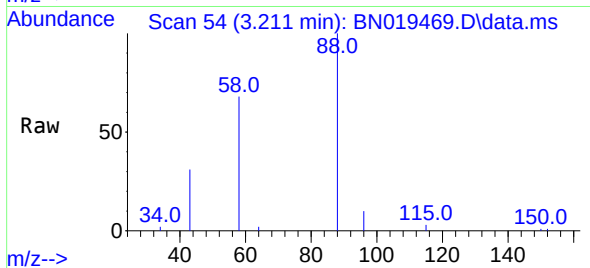




#2
1,4-Dioxane
Concen: 1.592 ng/ul
RT: 3.211 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

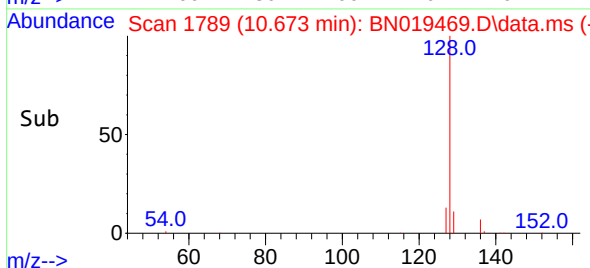
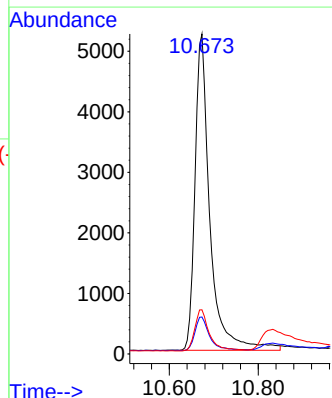
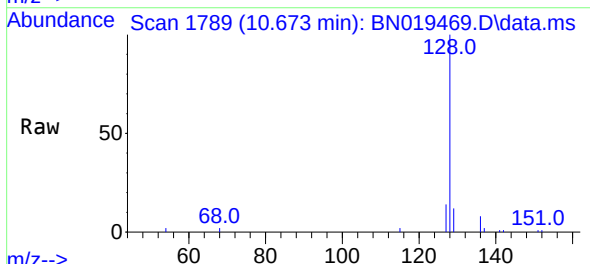
Instrument :
BNA_N
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SLCS067

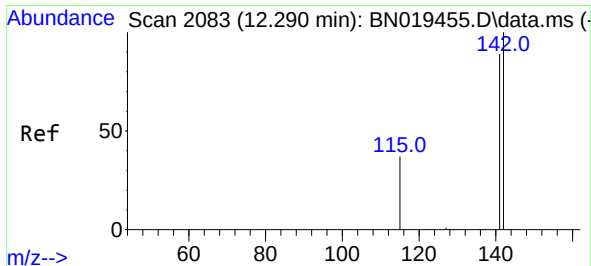
Tgt Ion: 88 Resp: 7754
Ion Ratio Lower Upper
88 100
43 30.6 39.0 58.4#
58 67.6 39.8 59.8#



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.673 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion: 128 Resp: 12137
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.8 11.0 16.4

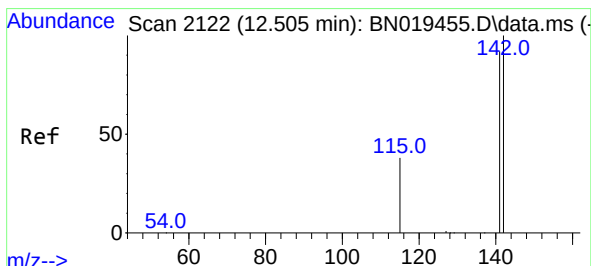
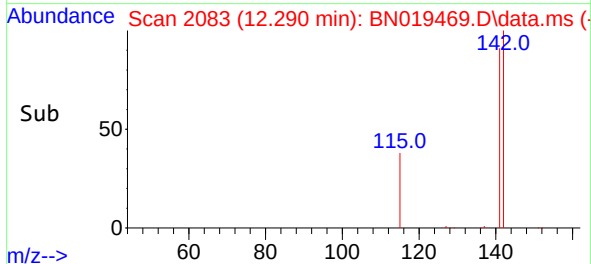
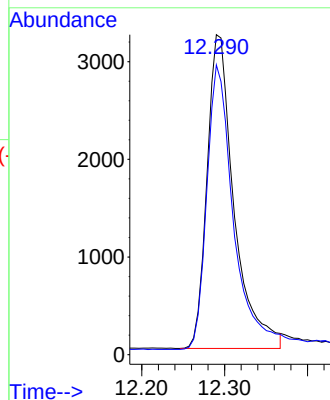
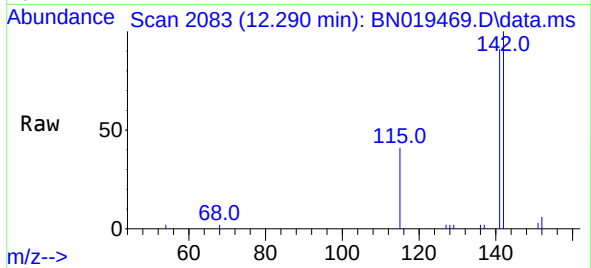




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

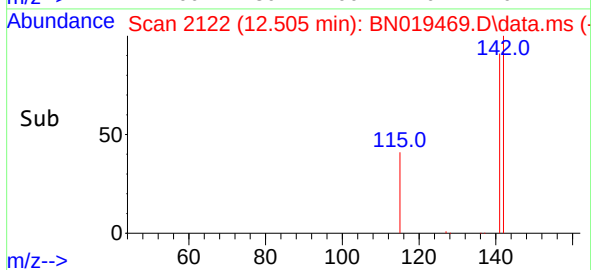
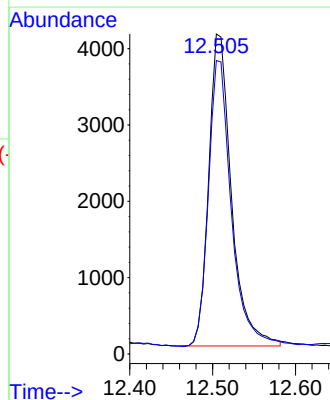
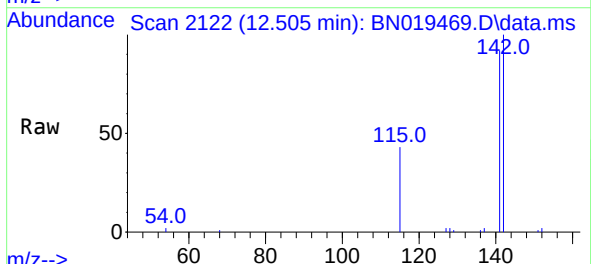
Instrument :
BNA_N
ClientSampleId :
SLCS067

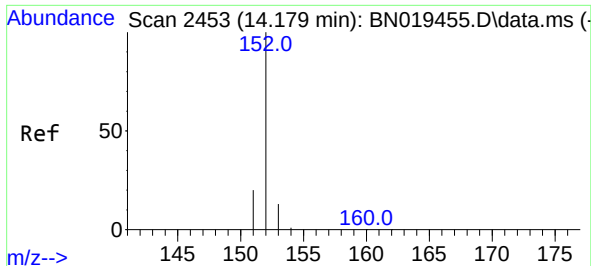
Tgt Ion:142 Resp: 7277
Ion Ratio Lower Upper
142 100
141 89.9 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:142 Resp: 7819
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0#

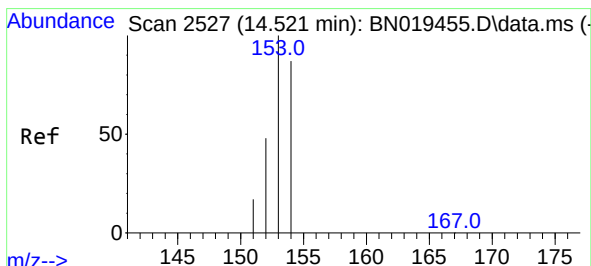
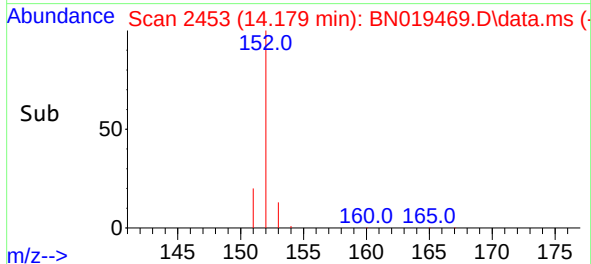
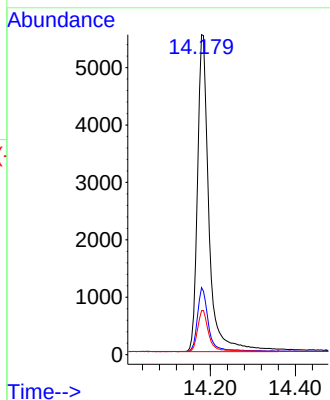
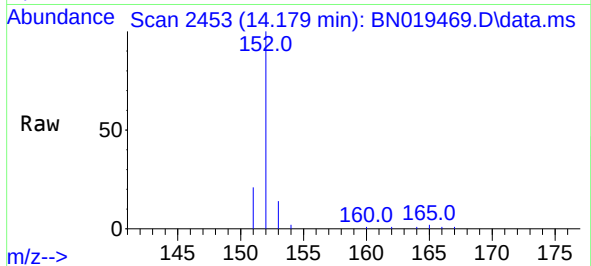




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

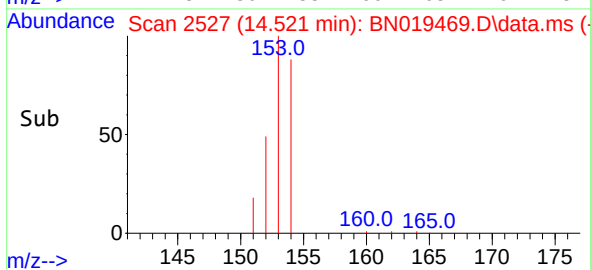
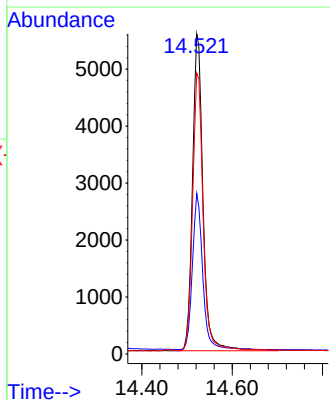
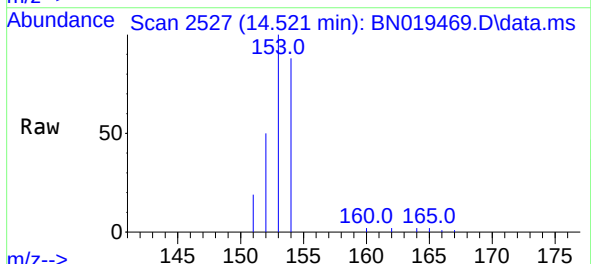
Instrument :
BNA_N
ClientSampleId :
SLCS067

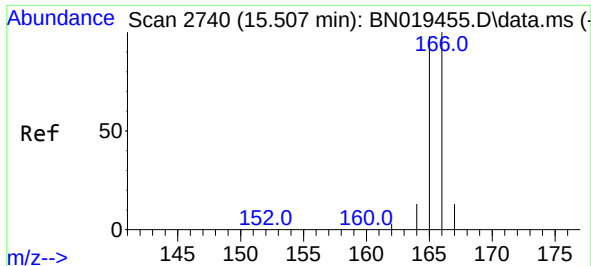
Tgt Ion:152 Resp: 10377
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:153 Resp: 9007
Ion Ratio Lower Upper
153 100
152 50.1 38.6 57.8
154 87.8 71.2 106.8

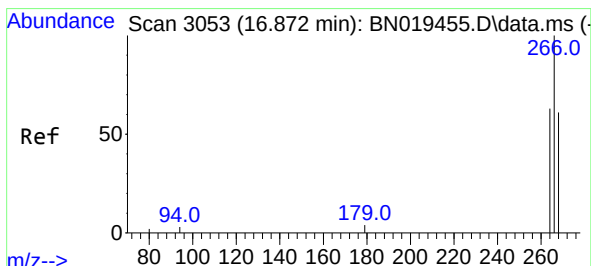
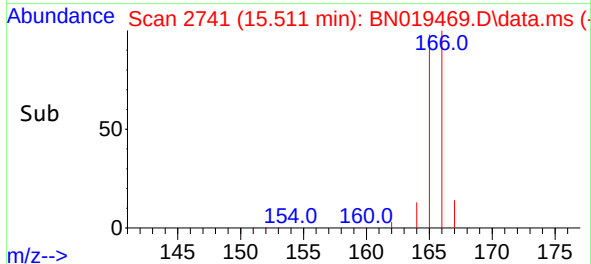
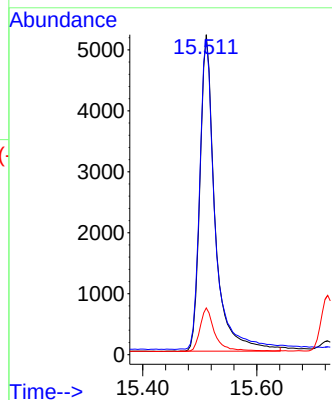
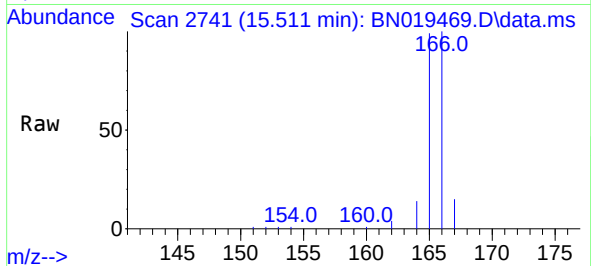




#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

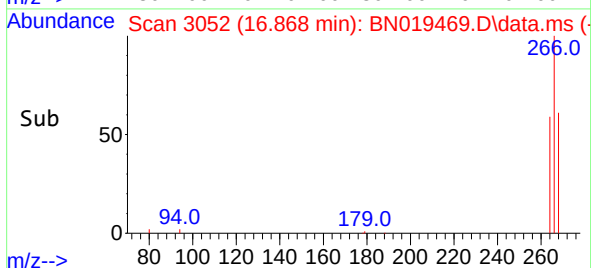
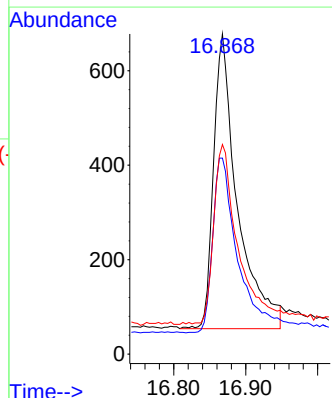
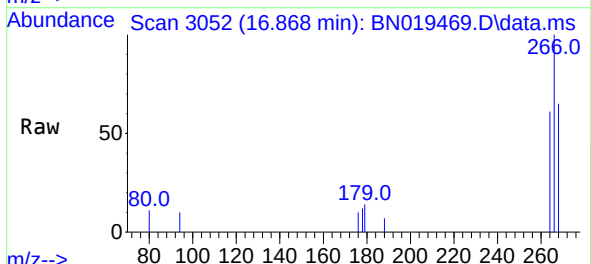
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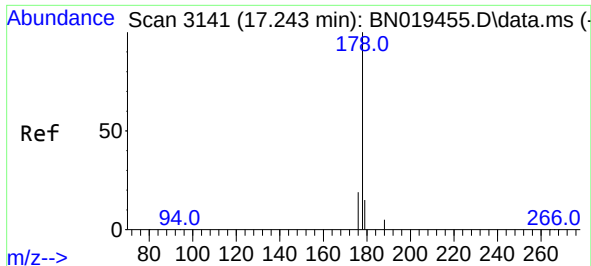
Tgt Ion:166 Resp: 9543
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.649 ng/ul
RT: 16.868 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:266 Resp: 1434
Ion Ratio Lower Upper
266 100
264 62.6 44.9 67.3
268 61.6 44.6 67.0

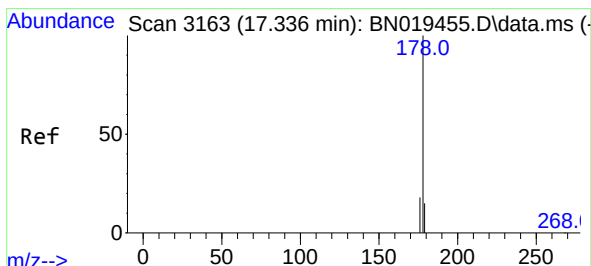
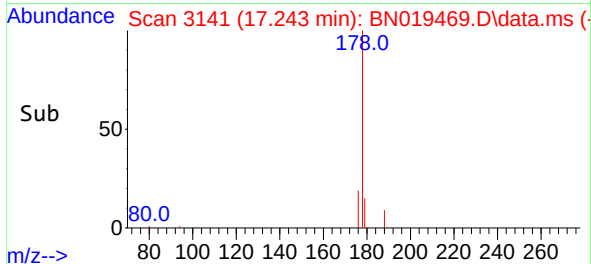
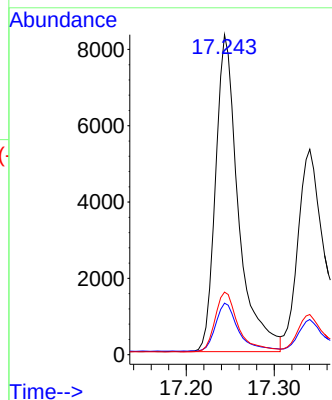
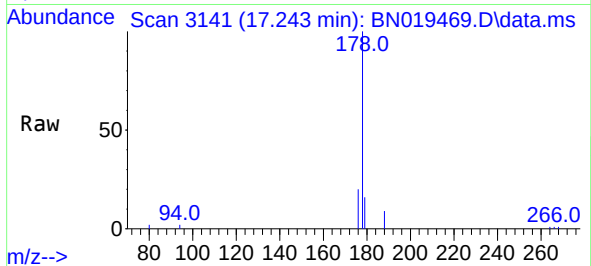




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.243 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

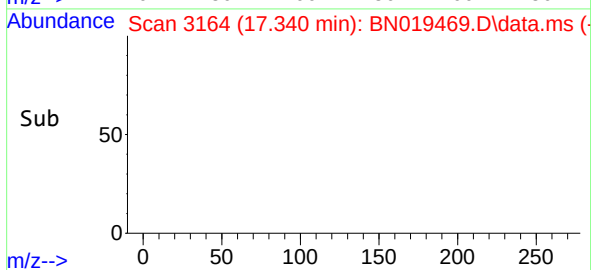
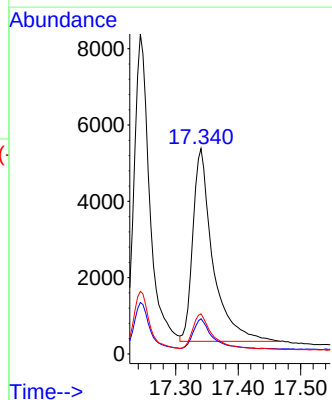
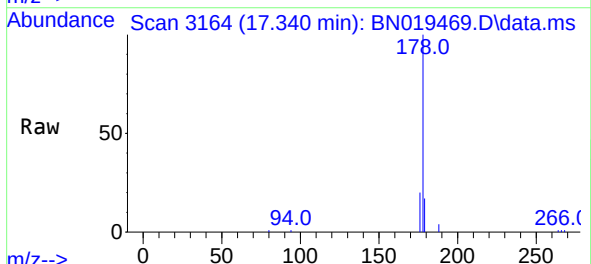
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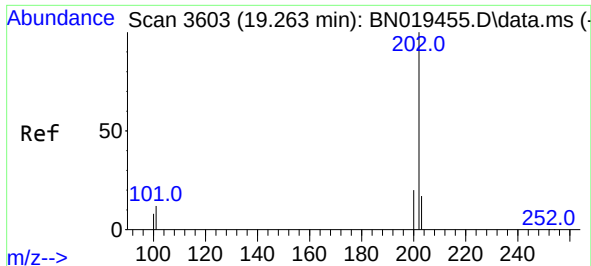
Tgt Ion:	178	Resp:	14978
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.6	15.5	23.3



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.340 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:	178	Resp:	11209
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.1	19.7
176	19.6	15.3	22.9

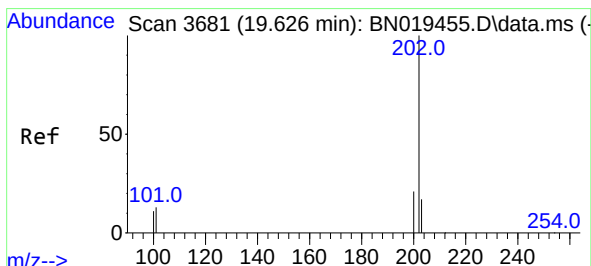
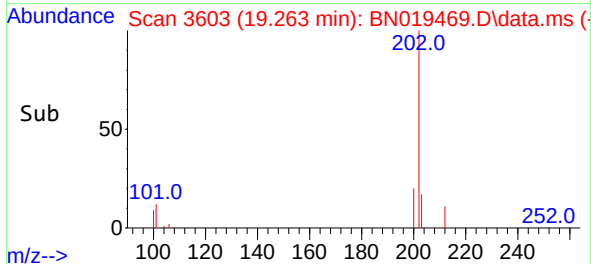
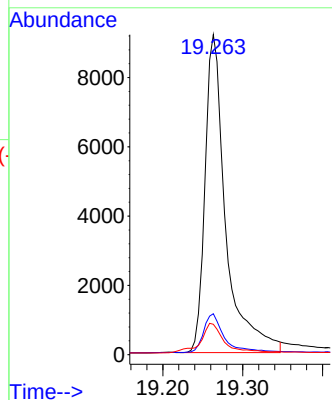
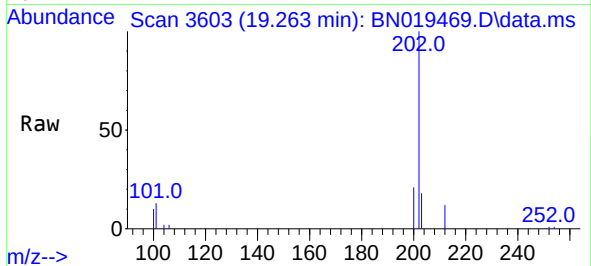




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.263 min Scan# 3603
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

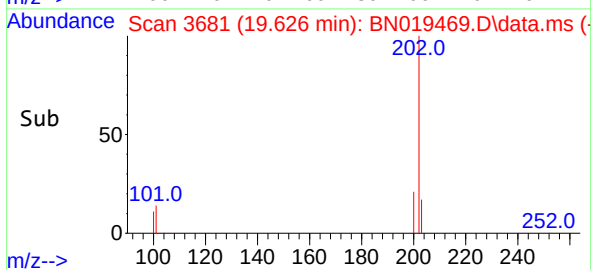
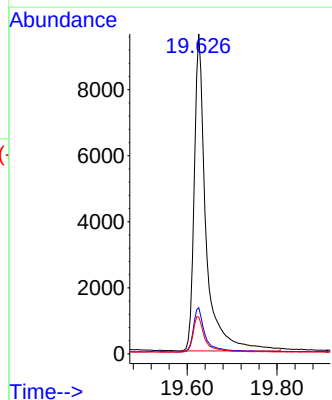
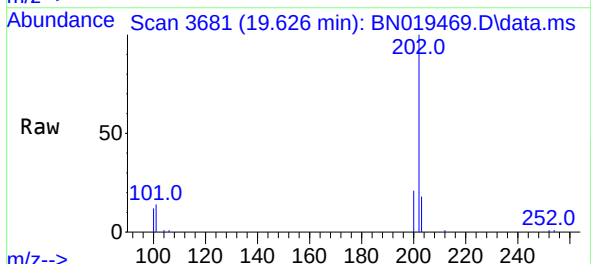
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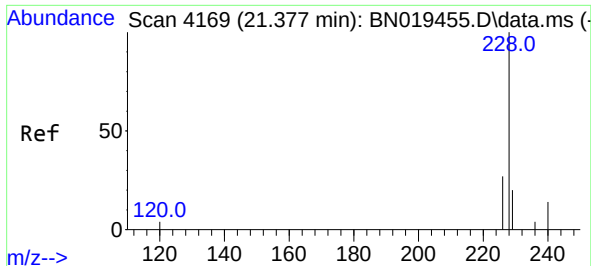
Tgt Ion:	202	Resp:	16633
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	9.5	7.4	11.2



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:	202	Resp:	17553
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.4	17.0
100	11.5	9.0	13.4



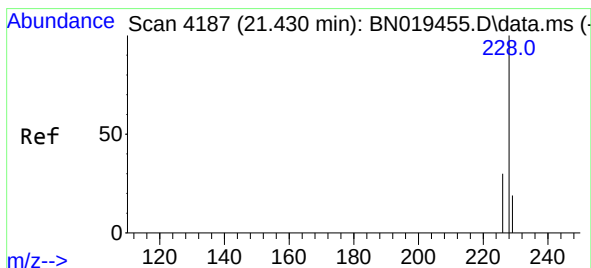
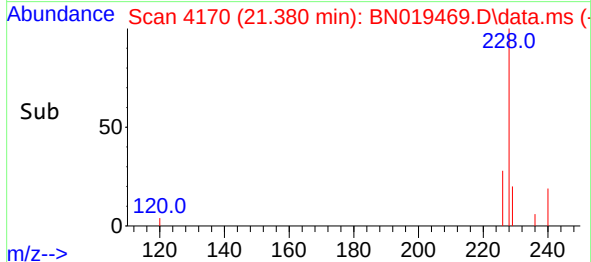
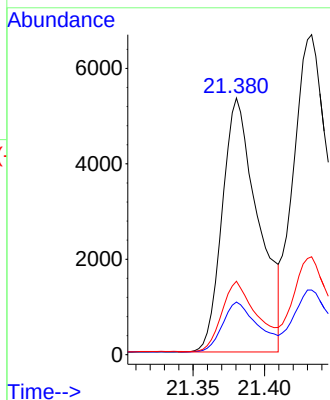
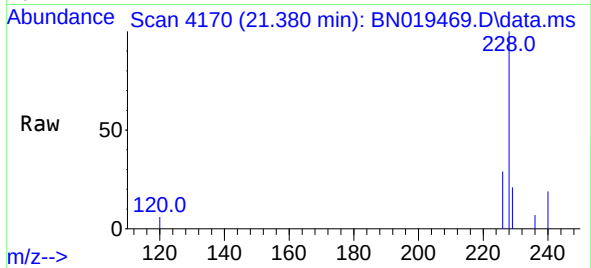


#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.380 min Scan# 4169
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Instrument :
BNA_N
ClientSampleId :
SLCS067

Tgt Ion:228 Resp: 9302

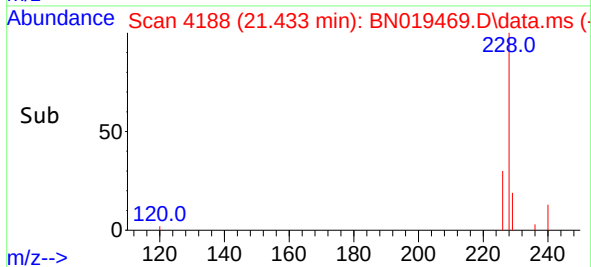
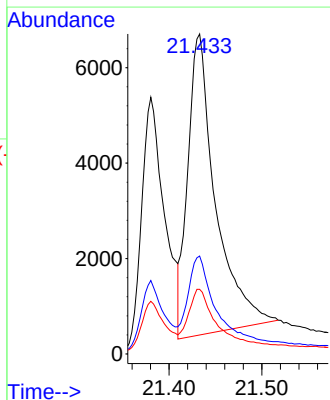
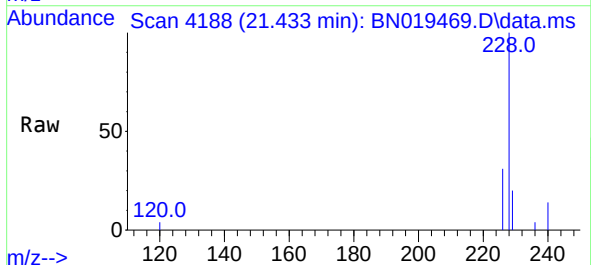
Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.1	24.1
226	28.6	22.1	33.1

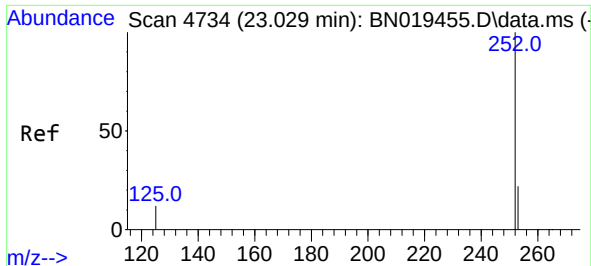


#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:228 Resp: 13129

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.2	16.0	24.0

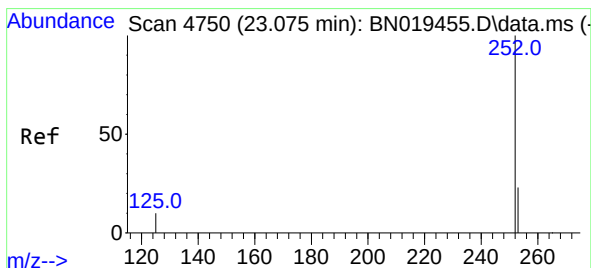
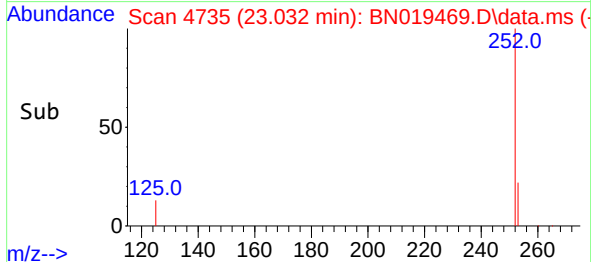
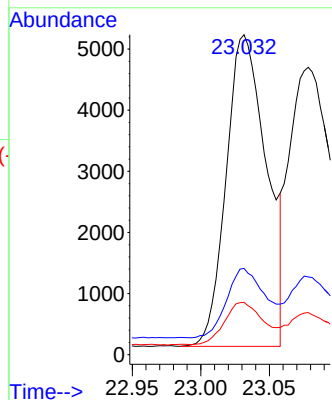
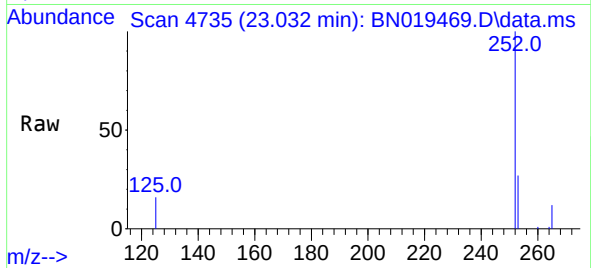




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.032 min Scan# 4735
Delta R.T. -0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

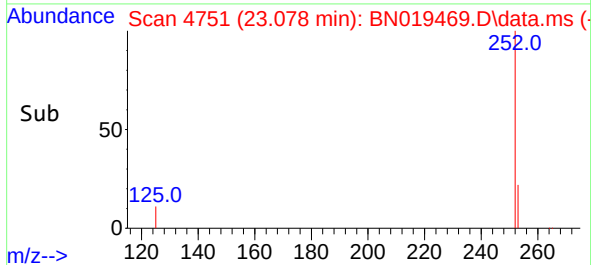
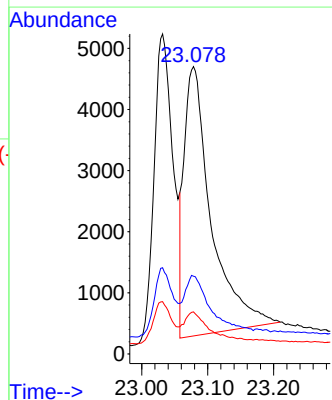
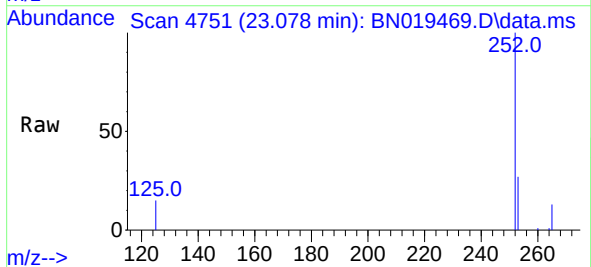
Instrument :
BNA_N
ClientSampleId :
SLCS067

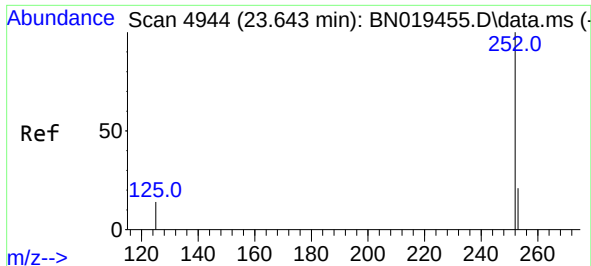
Tgt Ion:252 Resp: 10439
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.0
125 16.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.078 min Scan# 4751
Delta R.T. 0.000 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:252 Resp: 12546
Ion Ratio Lower Upper
252 100
253 27.1 20.2 30.2
125 14.7 11.0 16.6

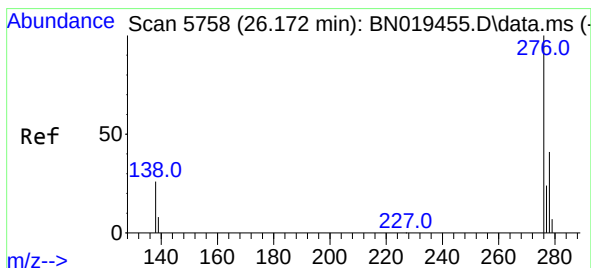
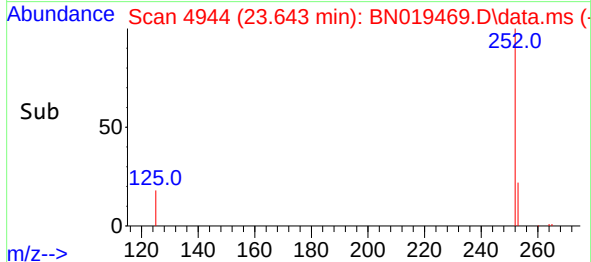
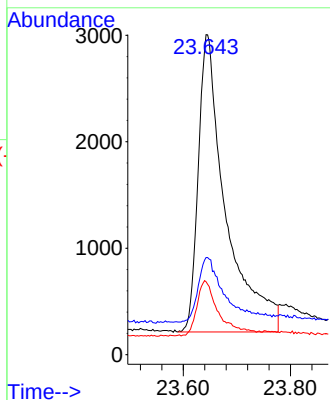
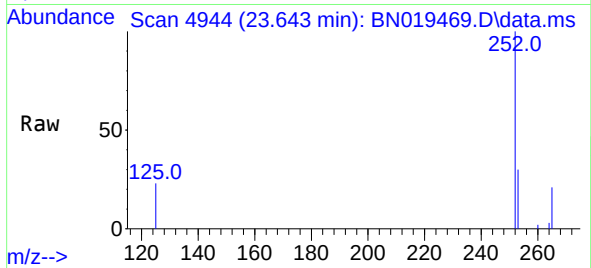




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.643 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

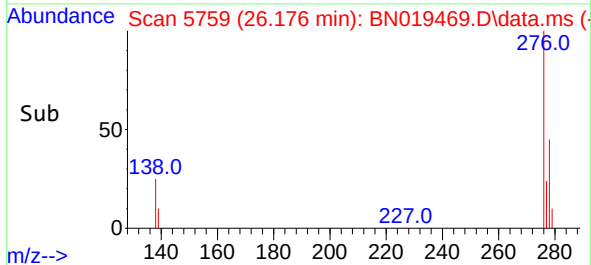
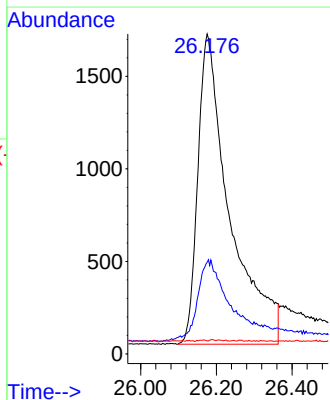
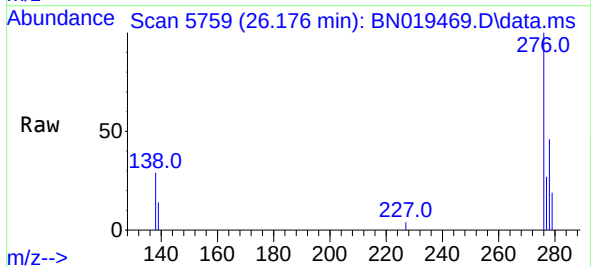
Instrument :
BNA_N
ClientSampleId :
SLCS067

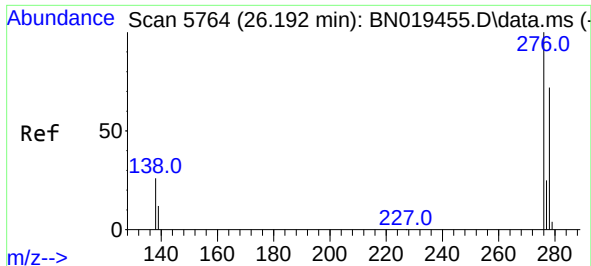
Tgt Ion:252	Resp:	9946
Ion Ratio	Lower	Upper
252	100	
253	30.3	23.4 35.0
125	22.8	28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. -0.003 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:276	Resp:	9763
Ion Ratio	Lower	Upper
276	100	
138	25.4	23.6 35.4
227	0.1	0.0 0.0#

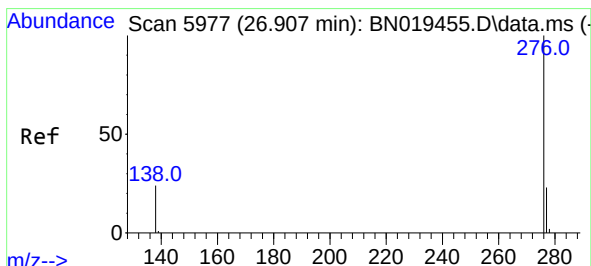
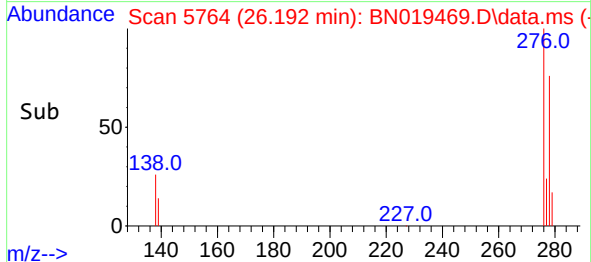
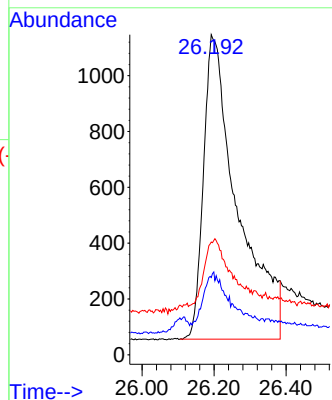
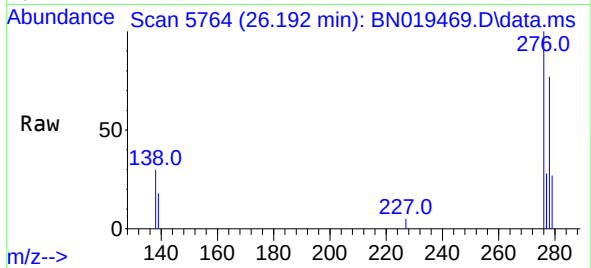




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Instrument :
BNA_N
ClientSampleId :
SLCS067

Tgt Ion:278 Resp: 7147
Ion Ratio Lower Upper
278 100
139 24.1 18.6 28.0
279 35.2 35.1 52.7



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.003 min
Lab File: BN019469.D
Acq: 15 Apr 2022 19:01

Tgt Ion:276 Resp: 9890
Ion Ratio Lower Upper
276 100
138 26.4 20.9 31.3
277 26.2 20.4 30.6

