

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019951.D
 Acq On : 25 May 2022 14:56
 Operator : CG/JU
 Sample : PB145007BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS007

Quant Time: May 26 01:15:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

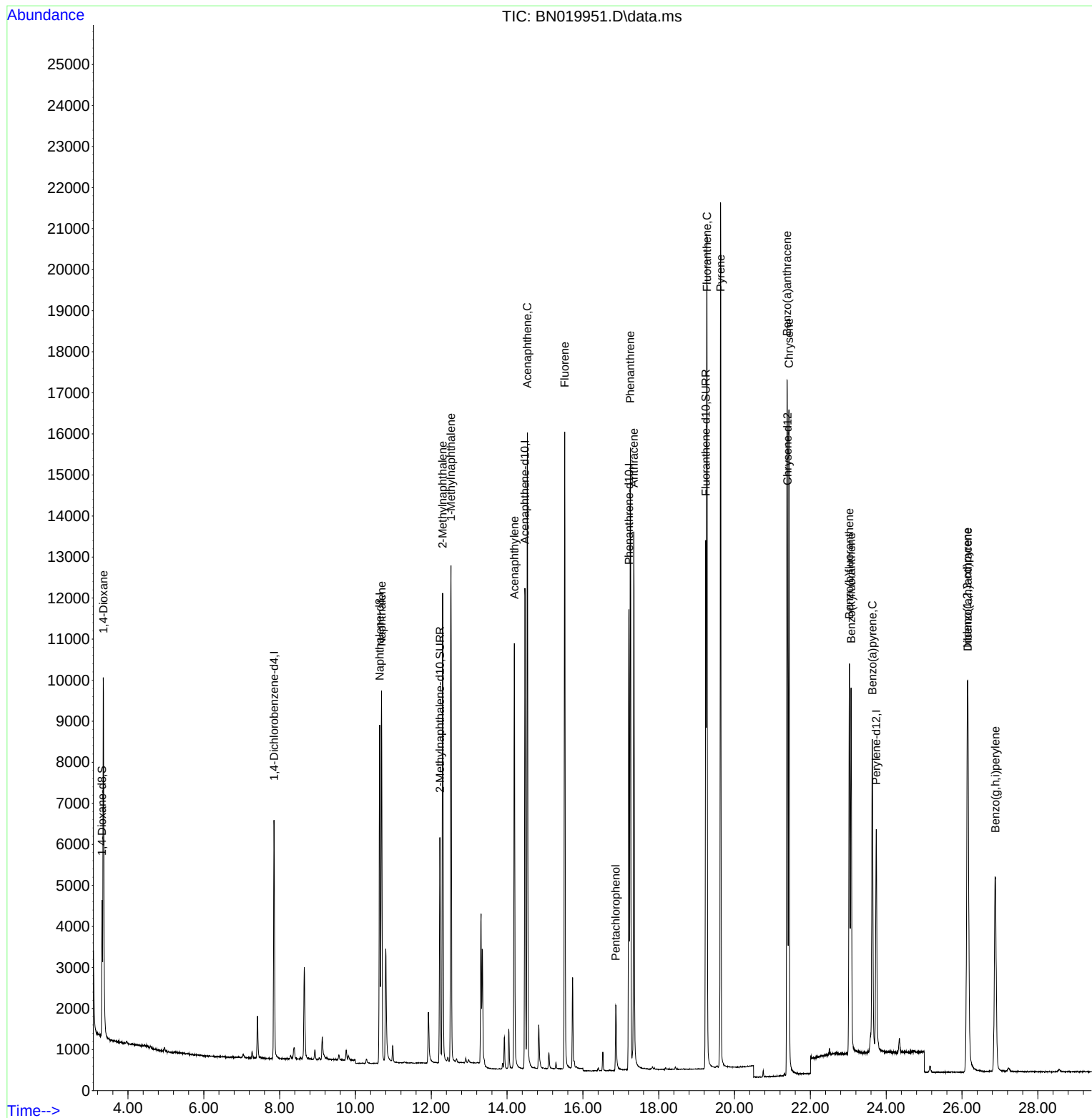
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	11622	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.470	164	6924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	13923	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	9438	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	7538	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2303	0.748	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	7398	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.240	212	14210	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.349	88	5804	1.806	ng/ul#	71
5) Naphthalene	10.689	128	12688	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	8442	0.350	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	8824	0.392	ng/ul#	100
10) Acenaphthylene	14.193	152	12832	0.325	ng/ul	99
11) Acenaphthene	14.535	153	9271	0.347	ng/ul	99
12) Fluorene	15.521	166	10366	0.347	ng/ul	99
14) Pentachlorophenol	16.868	266	1349	0.582	ng/ul	90
15) Phenanthrene	17.252	178	16995	0.347	ng/ul	99
16) Anthracene	17.345	178	15029	0.327	ng/ul	99
19) Fluoranthene	19.272	202	18237	0.387	ng/ul	97
20) Pyrene	19.630	202	18107	0.379	ng/ul	99
21) Benzo(a)anthracene	21.383	228	13258	0.344	ng/ul	100
22) Chrysene	21.433	228	14303	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	12611	0.378	ng/ul	92
25) Benzo(k)fluoranthene	23.075	252	12445	0.384	ng/ul	98
26) Benzo(a)pyrene	23.634	252	11835	0.376	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.142	276	12799	0.387	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.155	278	10335	0.381	ng/ul#	82
29) Benzo(g,h,i)perylene	26.880	276	10843	0.383	ng/ul	98

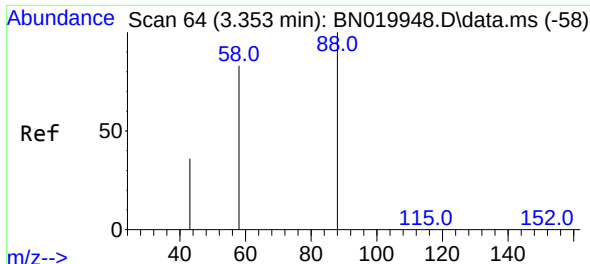
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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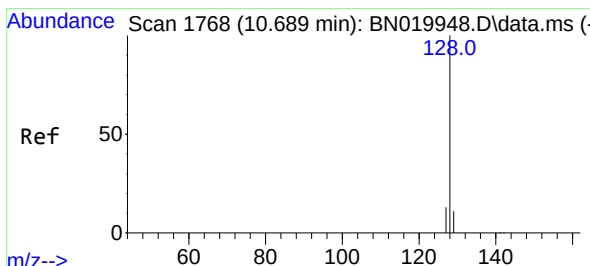
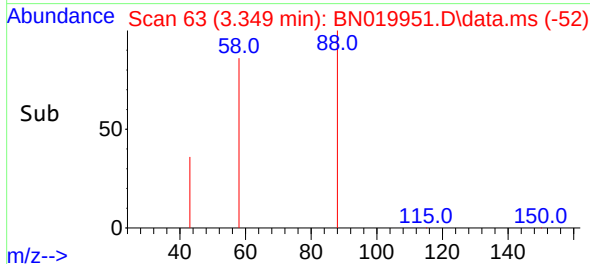
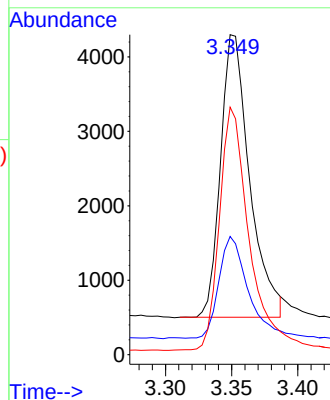
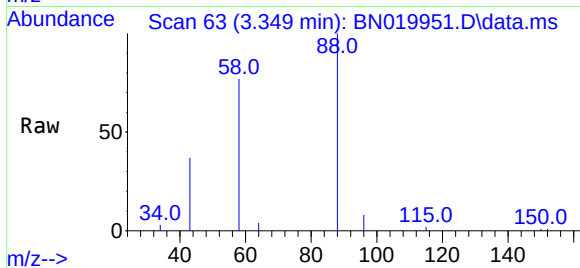




#2
1,4-Dioxane
Concen: 1.806 ng/ul
RT: 3.349 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

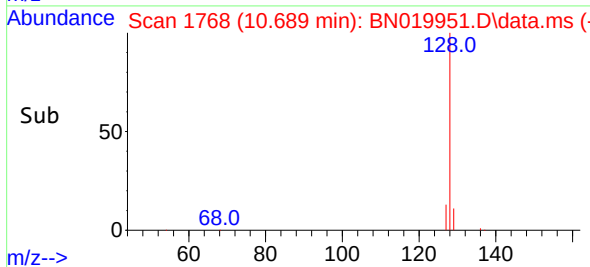
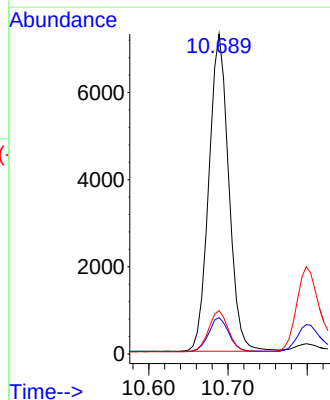
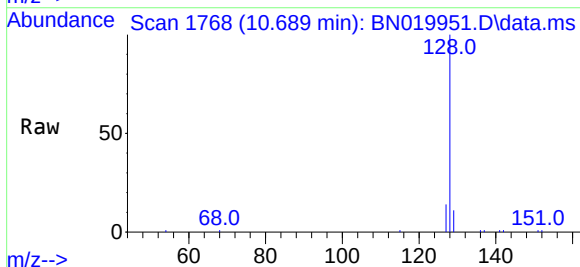
Instrument :
BNA_N
ClientSampleId :
SLCS007

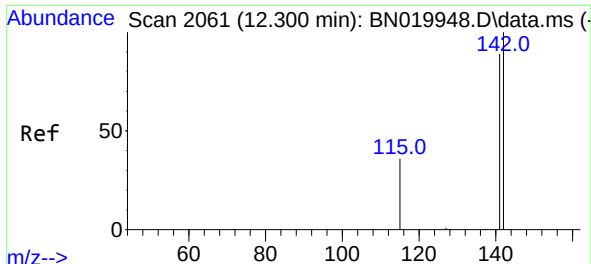
Tgt Ion: 88 Resp: 5804
Ion Ratio Lower Upper
88 100
43 36.9 39.0 58.4#
58 77.4 39.8 59.8#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:128 Resp: 12688
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.6 11.0 16.4

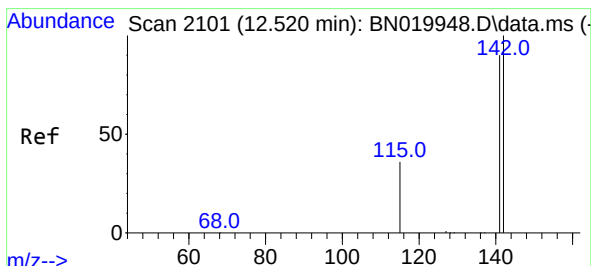
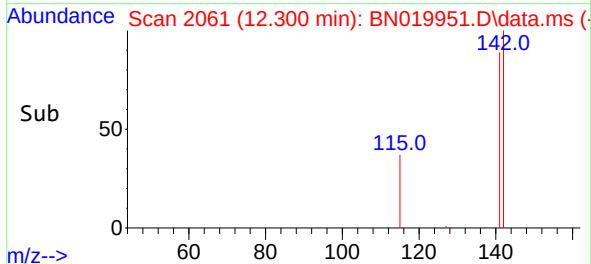
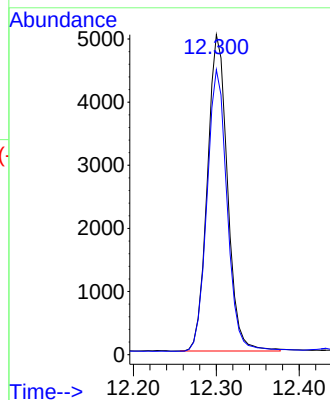
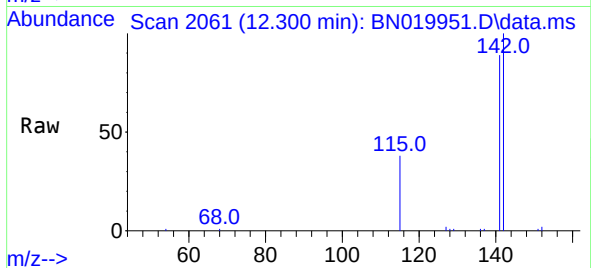




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

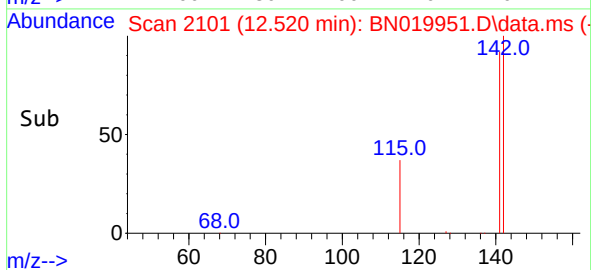
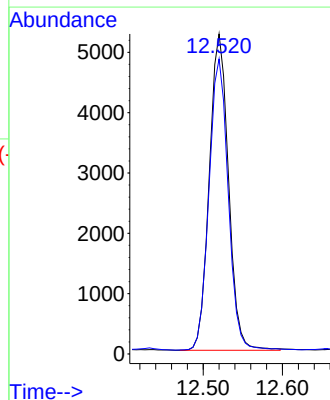
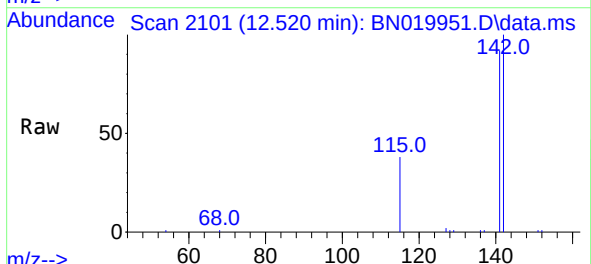
Instrument :
BNA_N
ClientSampleId :
SLCS007

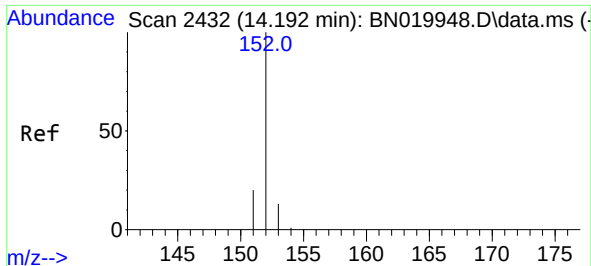
Tgt Ion:142 Resp: 8442
Ion Ratio Lower Upper
142 100
141 89.1 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:142 Resp: 8824
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#

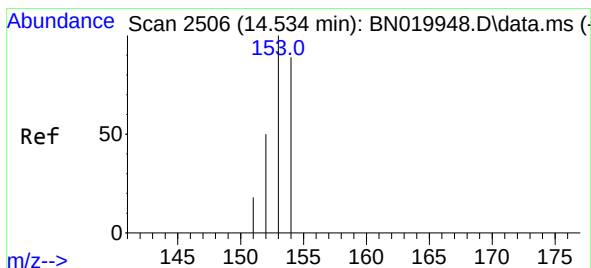
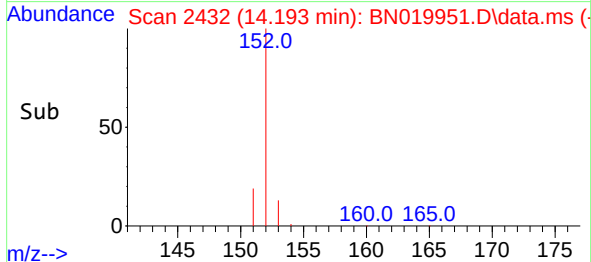
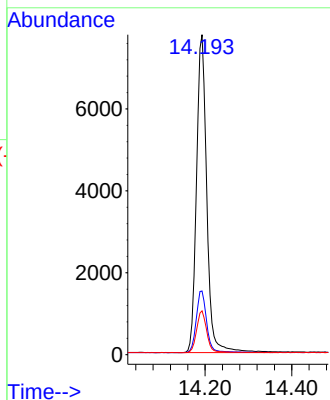
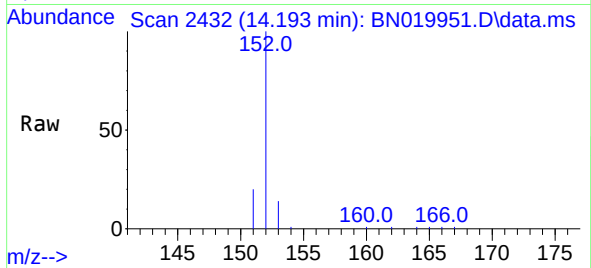




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.193 min Scan# 2432
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

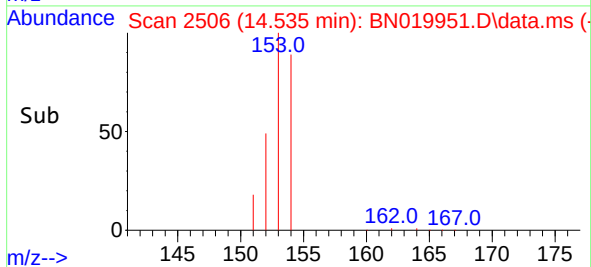
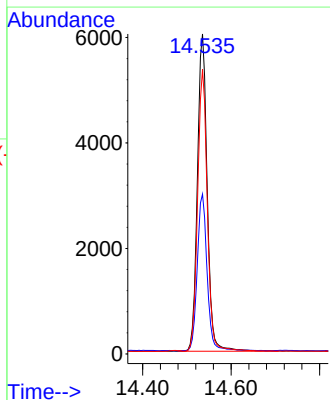
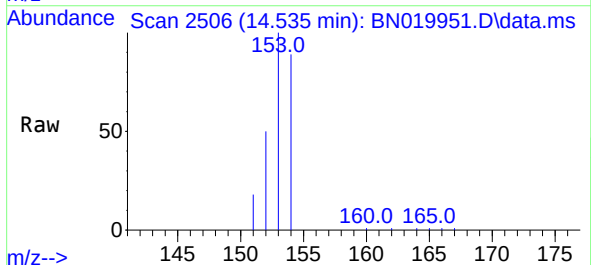
Instrument :
BNA_N
ClientSampleId :
SLCS007

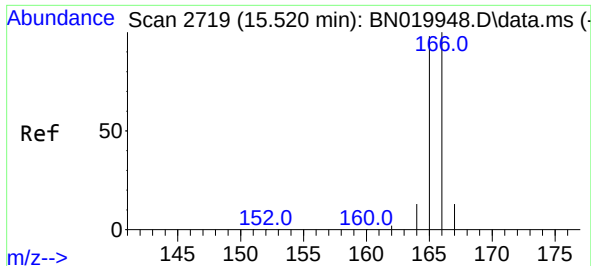
Tgt Ion:	152	Resp:	12832
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.535 min Scan# 2506
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:	153	Resp:	9271
Ion	Ratio	Lower	Upper
153	100		
152	50.0	38.6	57.8
154	88.9	71.2	106.8

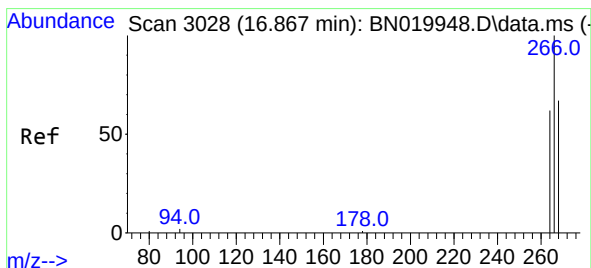
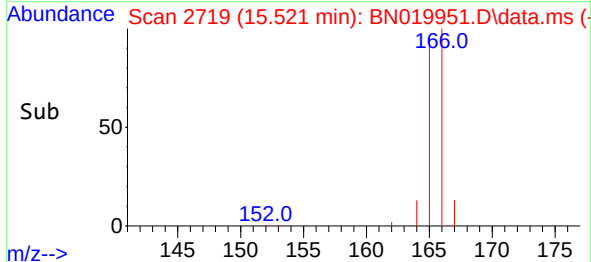
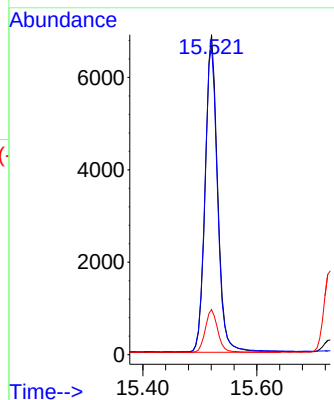
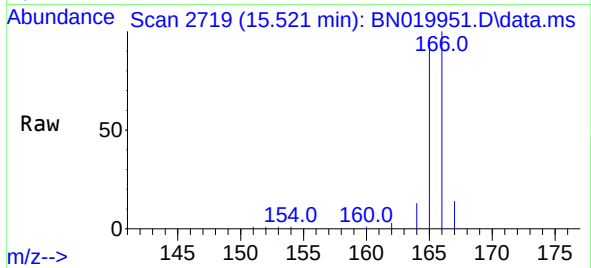




#12
Fluorene
Concen: 0.347 ng/ul
RT: 15.521 min Scan# 2719
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

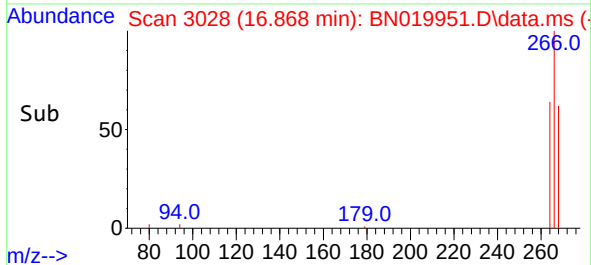
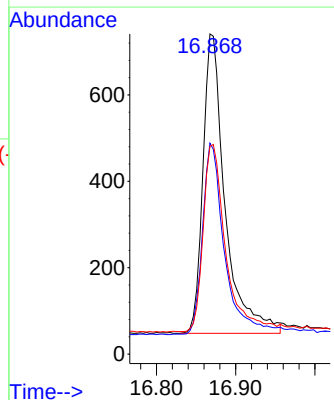
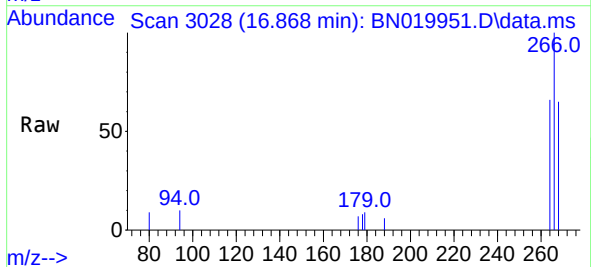
Instrument :
BNA_N
ClientSampleId :
SLCS007

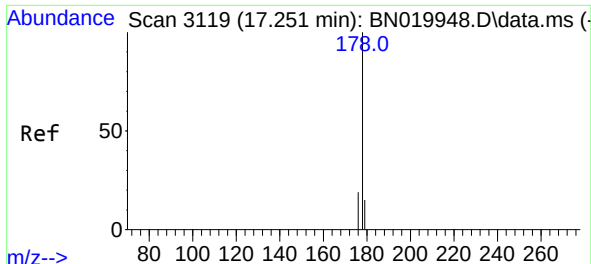
Tgt Ion:166 Resp: 10366
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.582 ng/ul
RT: 16.868 min Scan# 3028
Delta R.T. -0.006 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:266 Resp: 1349
Ion Ratio Lower Upper
266 100
264 63.6 44.9 67.3
268 63.4 44.6 67.0



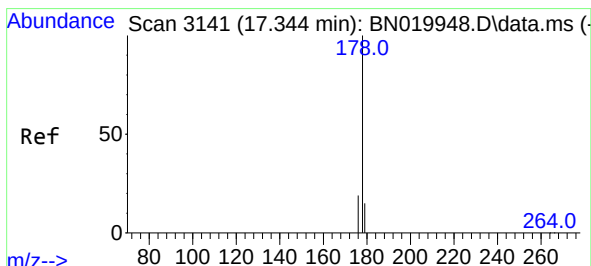
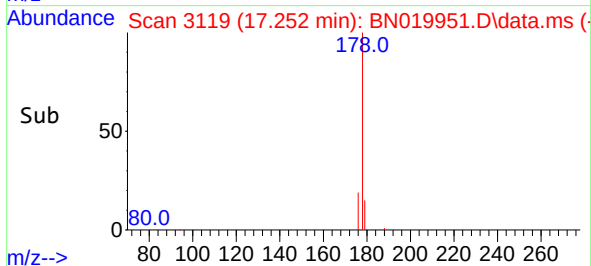
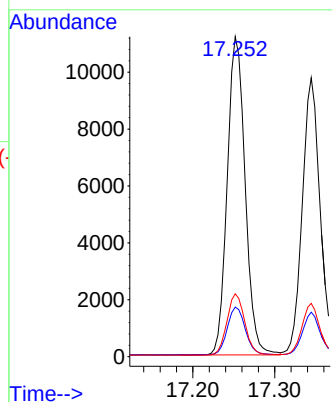
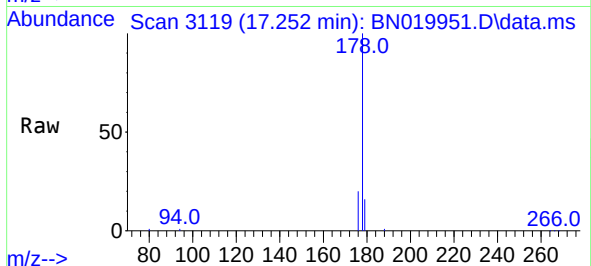


#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.252 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS007

Tgt Ion:178 Resp: 16995

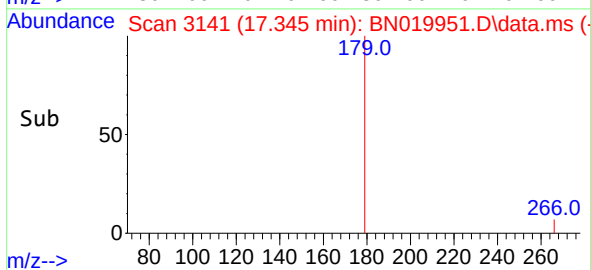
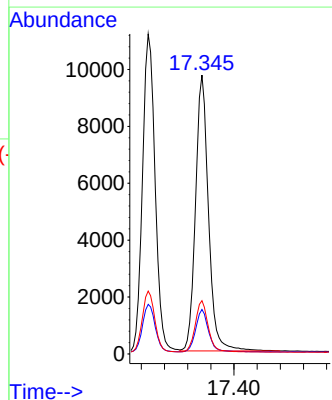
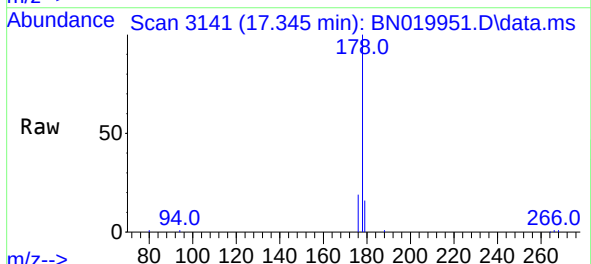
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	19.7	15.5	23.3

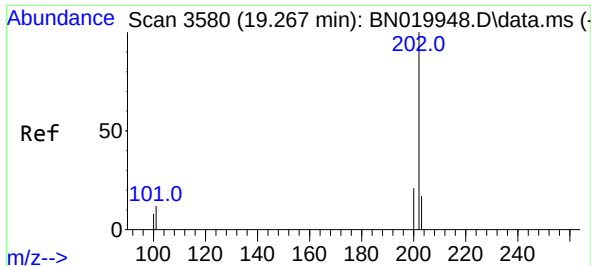


#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.345 min Scan# 3141
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:178 Resp: 15029

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.1	19.7
176	19.1	15.3	22.9





#19

Fluoranthene

Concen: 0.387 ng/ul

RT: 19.272 min Scan# 3580

Delta R.T. -0.002 min

Lab File: BN019951.D

Acq: 25 May 2022 14:56

Instrument :

BNA_N

ClientSampleId :

SLCS007

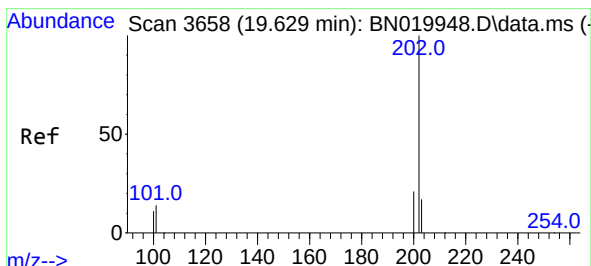
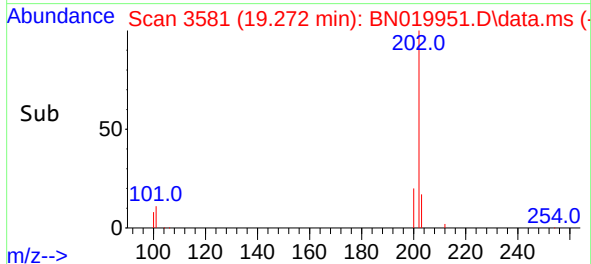
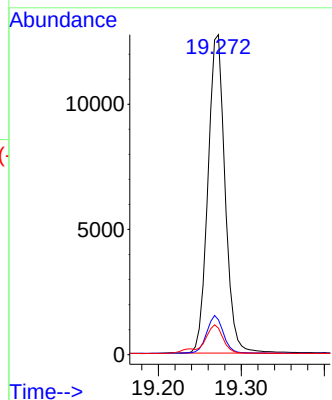
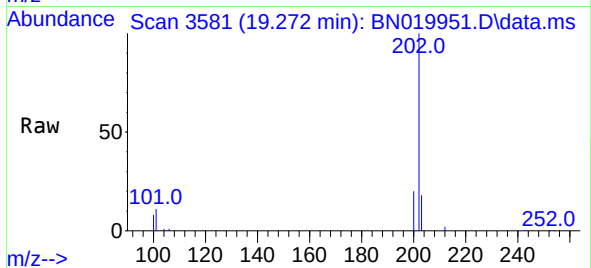
Tgt Ion:202 Resp: 18237

Ion Ratio Lower Upper

202 100

101 10.9 9.7 14.5

100 8.3 7.4 11.2



#20

Pyrene

Concen: 0.379 ng/ul

RT: 19.630 min Scan# 3658

Delta R.T. -0.007 min

Lab File: BN019951.D

Acq: 25 May 2022 14:56

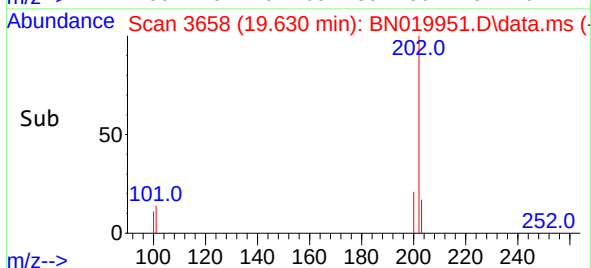
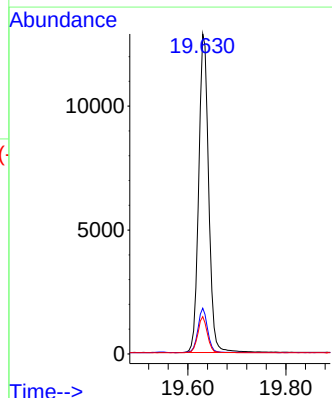
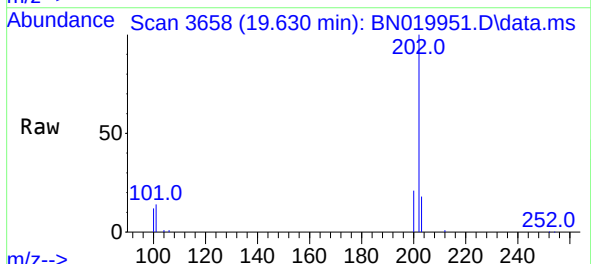
Tgt Ion:202 Resp: 18107

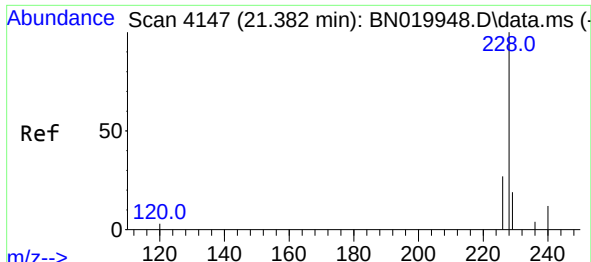
Ion Ratio Lower Upper

202 100

101 14.3 11.4 17.0

100 11.7 9.0 13.4

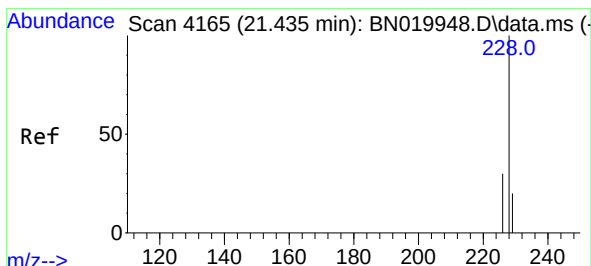
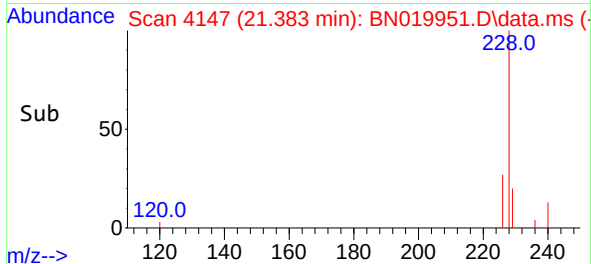
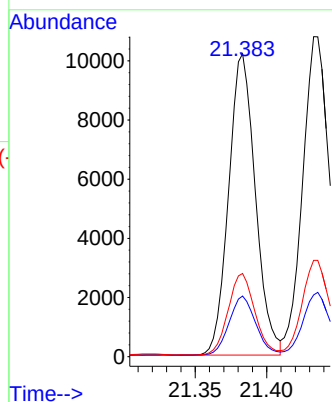
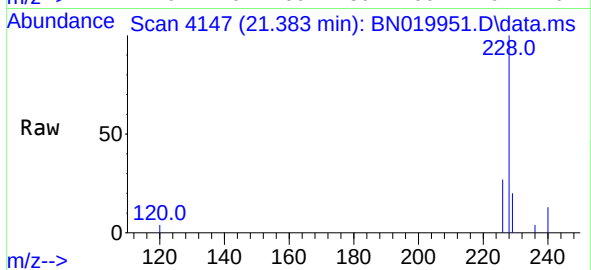




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.383 min Scan# 4147
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

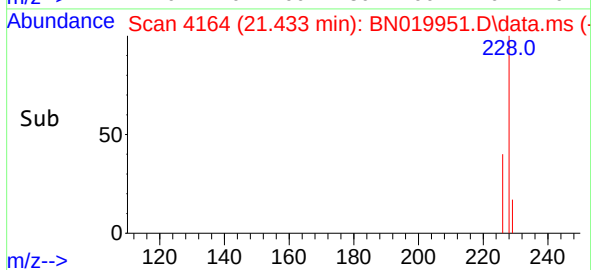
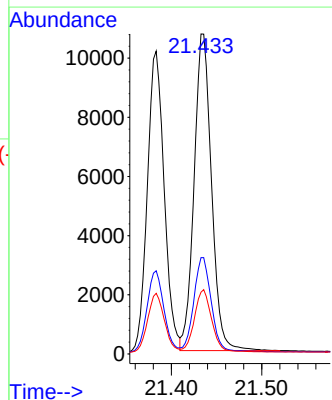
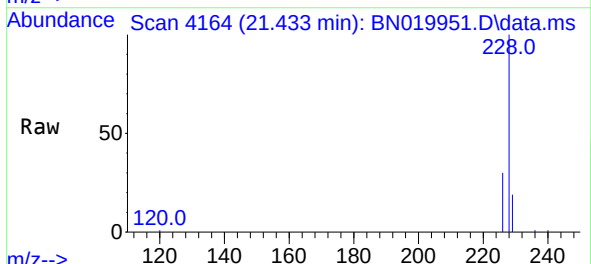
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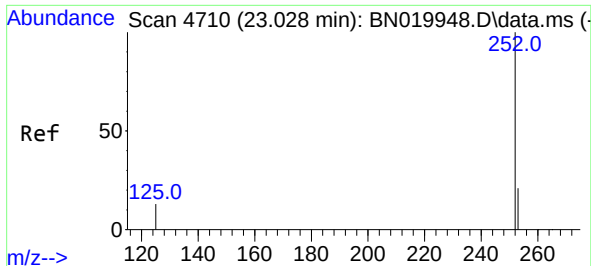
Tgt Ion:	228	Resp:	13258
Ion Ratio	Lower	Upper	
228	100		
229	20.0	16.1	24.1
226	27.5	22.1	33.1



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.005 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:	228	Resp:	14303
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.2	36.2
229	19.3	16.0	24.0

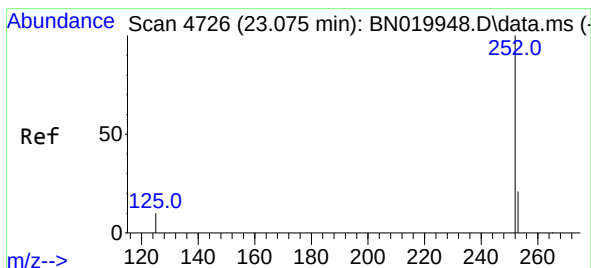
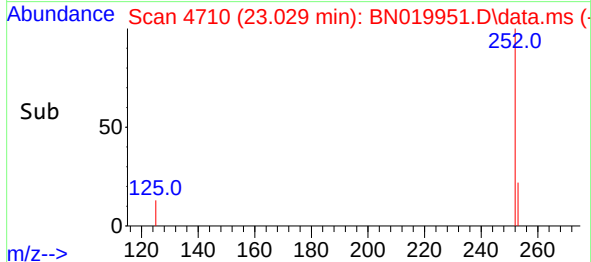
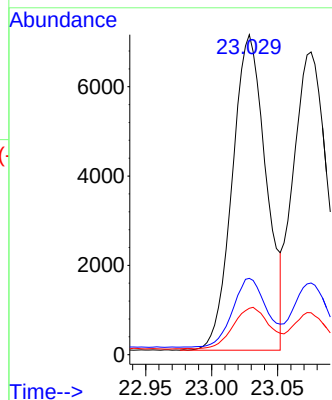
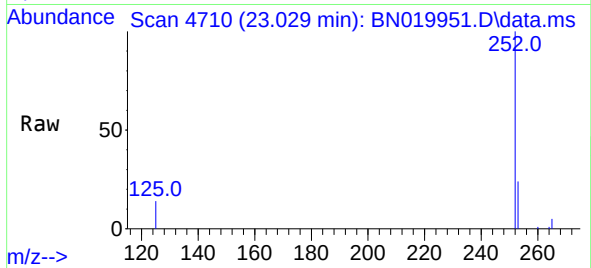




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.029 min Scan# 4710
Delta R.T. -0.002 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

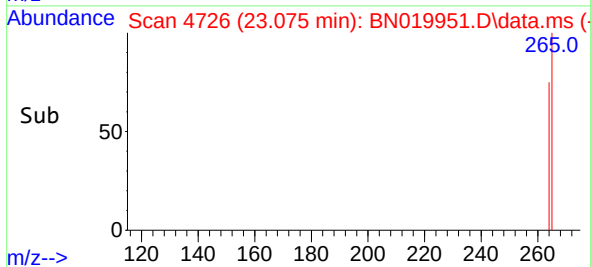
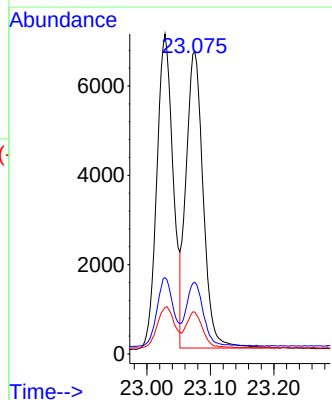
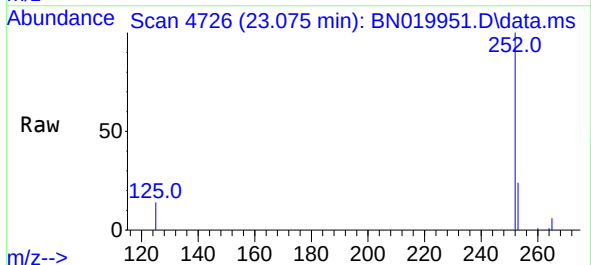
Instrument :
BNA_N
ClientSampleId :
SLCS007

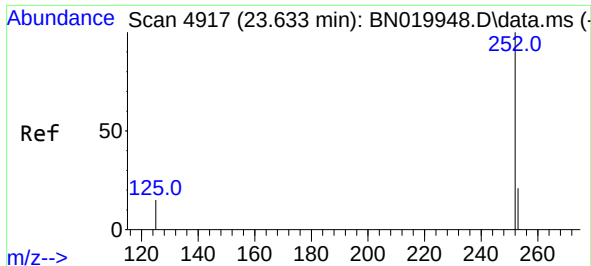
Tgt Ion:252 Resp: 12611
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.0
125 14.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.075 min Scan# 4726
Delta R.T. -0.005 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:252 Resp: 12445
Ion Ratio Lower Upper
252 100
253 23.7 20.2 30.2
125 13.9 11.0 16.6

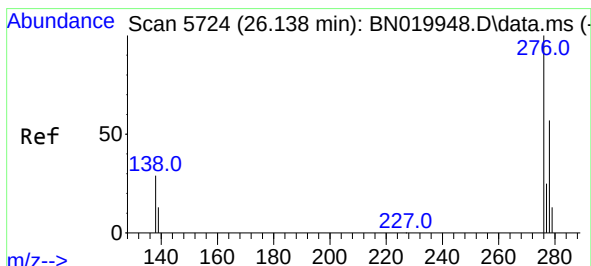
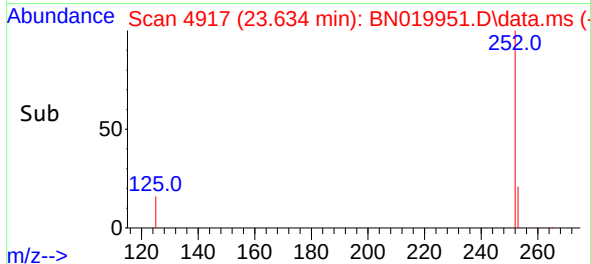
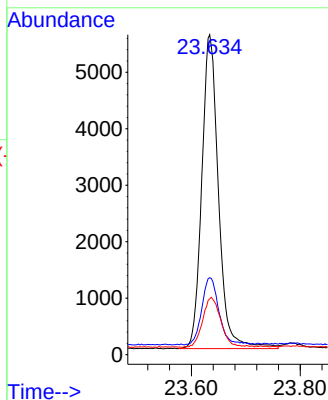
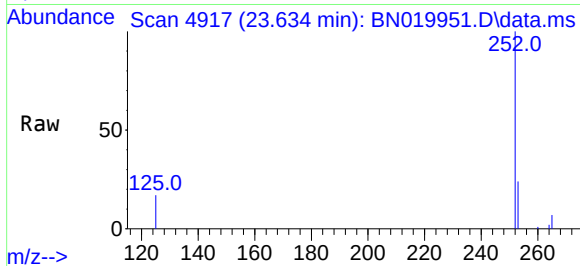




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.005 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

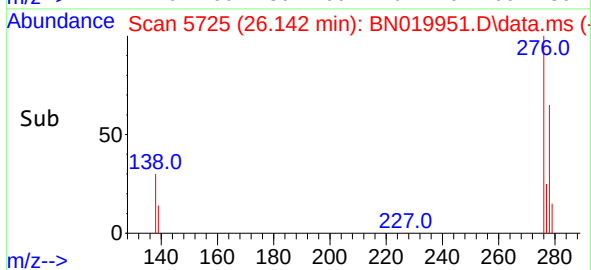
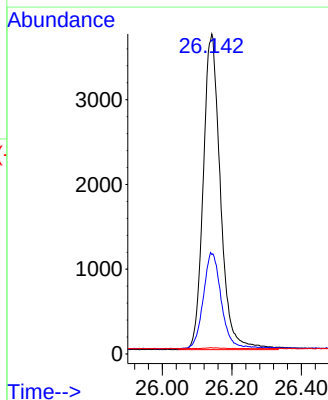
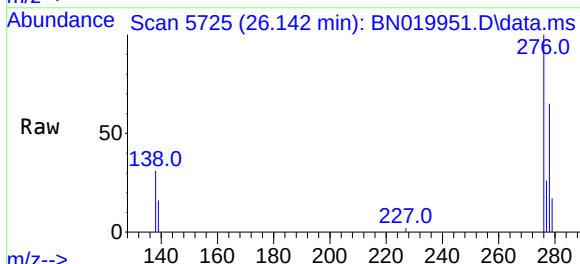
Instrument :
BNA_N
ClientSampleId :
SLCS007

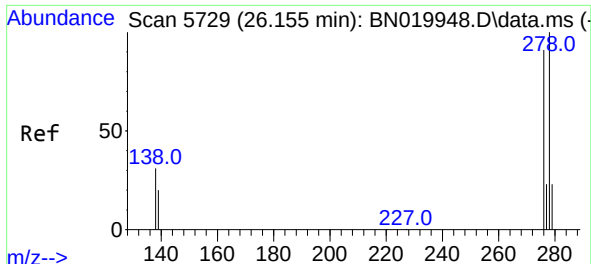
Tgt Ion:	252	Resp:	11835
Ion Ratio	Lower	Upper	
252	100		
253	24.1	23.4	35.0
125	17.4	28.3	42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.142 min Scan# 5725
Delta R.T. -0.009 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:	276	Resp:	12799
Ion Ratio	Lower	Upper	
276	100		
138	32.2	23.6	35.4
227	0.2	0.0	0.0#

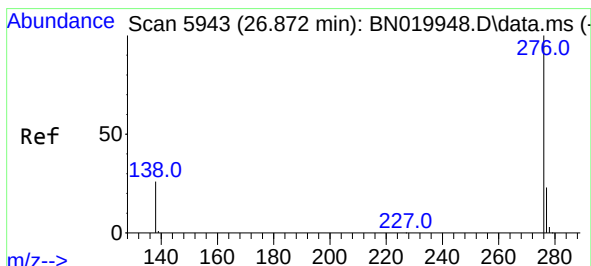
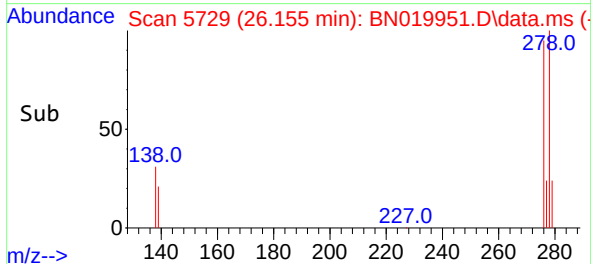
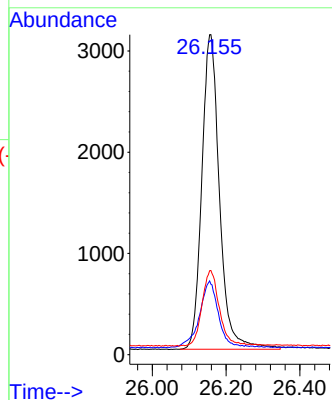
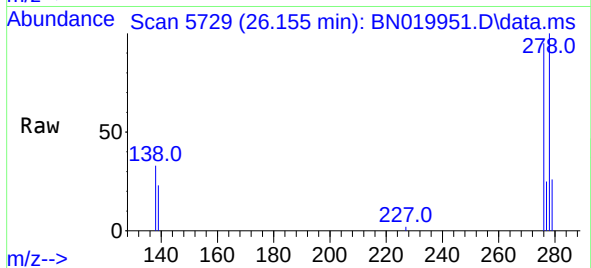




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS007

Tgt Ion:278 Resp: 10335
Ion Ratio Lower Upper
278 100
139 23.0 18.6 28.0
279 26.3 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.880 min Scan# 5945
Delta R.T. -0.006 min
Lab File: BN019951.D
Acq: 25 May 2022 14:56

Tgt Ion:276 Resp: 10843
Ion Ratio Lower Upper
276 100
138 27.8 20.9 31.3
277 25.0 20.4 30.6

