

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016086.D
 Acq On : 27 Aug 2021 01:48
 Operator : CG/JU
 Sample : PB138647BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS647

Quant Time: Aug 27 03:31:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

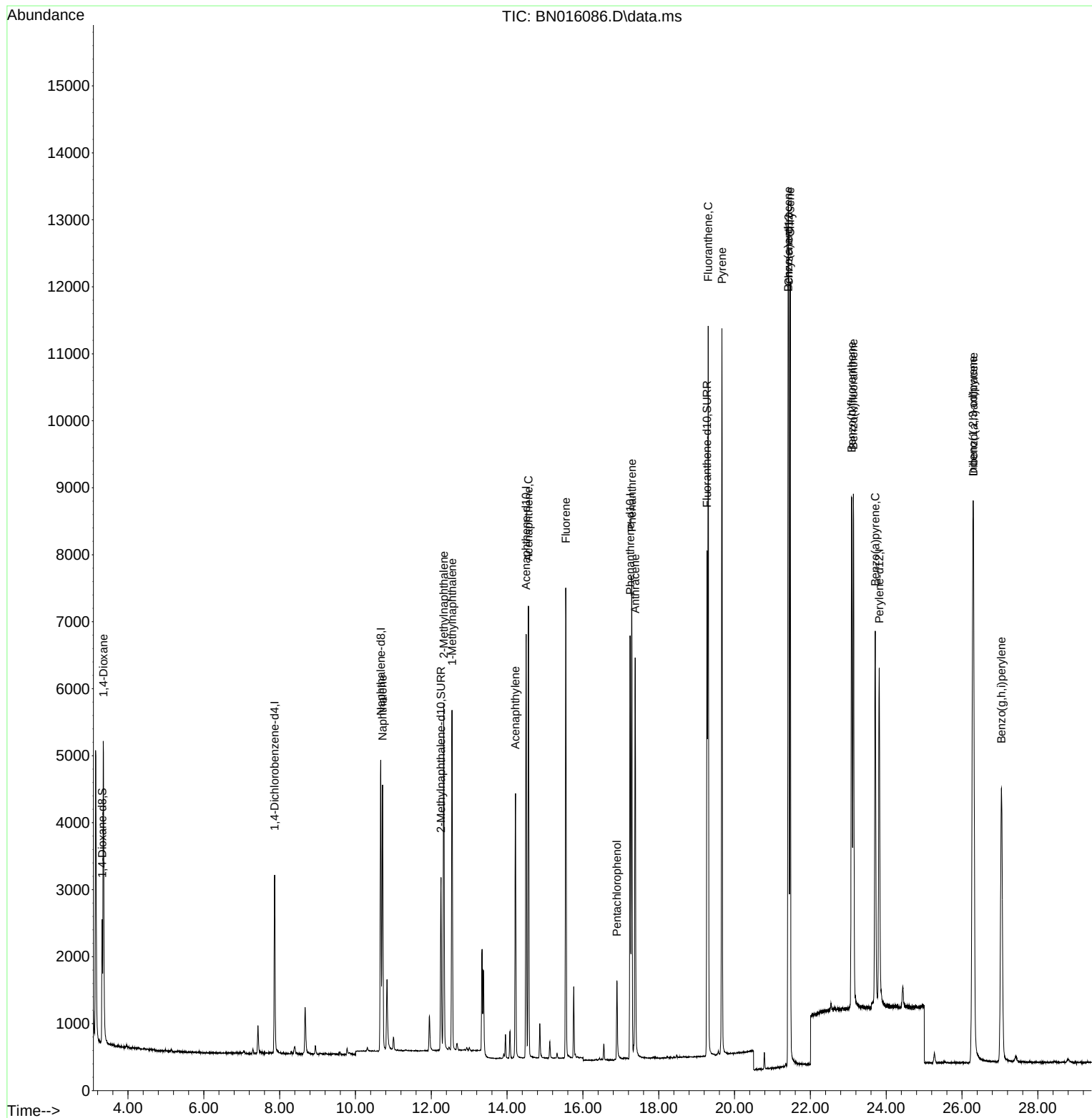
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1433	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6202	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	3731	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	8093	0.400	ng/ul	0.00
17) Chrysene-d12	21.429	240	8355	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	7576	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1365	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3539	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	9107	0.405	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	3321	1.694	ng/ul#	86
5) Naphthalene	10.716	128	5738	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	3919	0.362	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	3650	0.344	ng/ul	99
10) Acenaphthylene	14.220	152	4829	0.367	ng/ul	99
11) Acenaphthene	14.562	153	3988	0.351	ng/ul	98
12) Fluorene	15.548	166	4648	0.345	ng/ul	97
14) Pentachlorophenol	16.897	266	924	0.545	ng/ul	98
15) Phenanthrene	17.289	178	7911	0.354	ng/ul	99
16) Anthracene	17.378	178	6922	0.359	ng/ul	100
19) Fluoranthene	19.305	202	9591	0.367	ng/ul	99
20) Pyrene	19.667	202	9712	0.370	ng/ul	99
21) Benzo(a)anthracene	21.415	228	9784	0.376	ng/ul	99
22) Chrysene	21.467	228	10792	0.386	ng/ul	100
24) Benzo(b)fluoranthene	23.087	252	10822	0.383	ng/ul	99
25) Benzo(k)fluoranthene	23.136	252	10874	0.382	ng/ul	100
26) Benzo(a)pyrene	23.709	252	9093	0.383	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	26.286	276	12249	0.389	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.302	278	10223	0.386	ng/ul	99
29) Benzo(g,h,i)perylene	27.040	276	10219	0.377	ng/ul	99

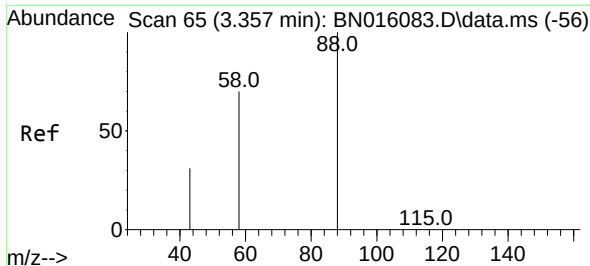
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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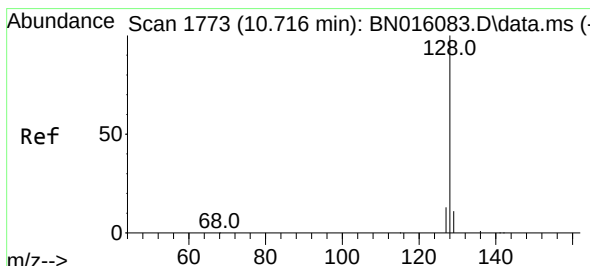
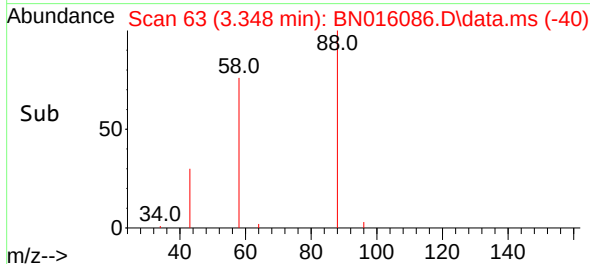
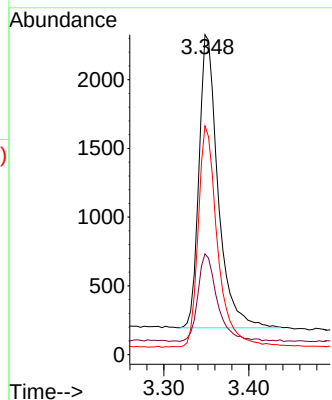
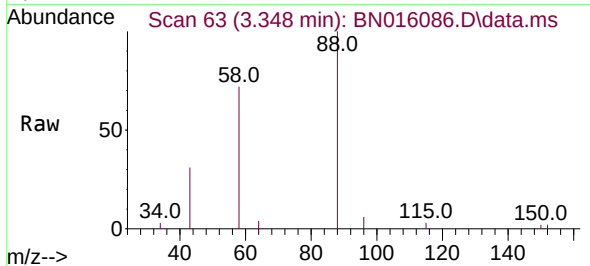




#2
1,4-Dioxane
Concen: 1.694 ng/ul
RT: 3.348 min Scan# 63
Delta R.T. -0.004 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

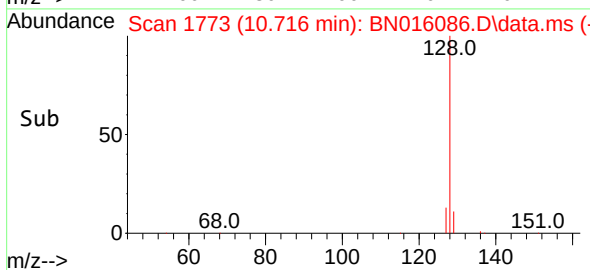
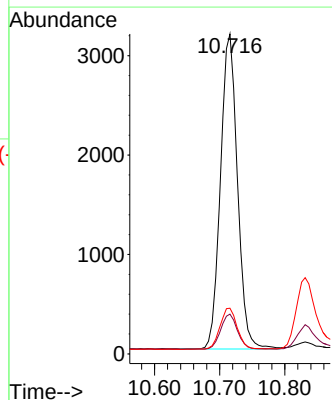
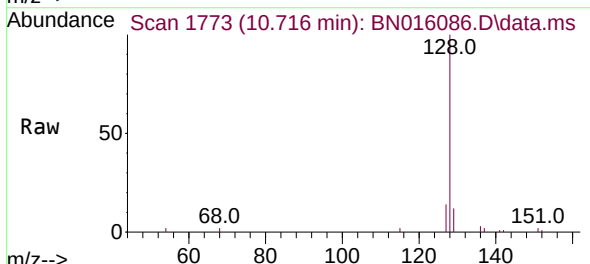
Instrument :
BNA_N
ClientSampled :
SLCS647

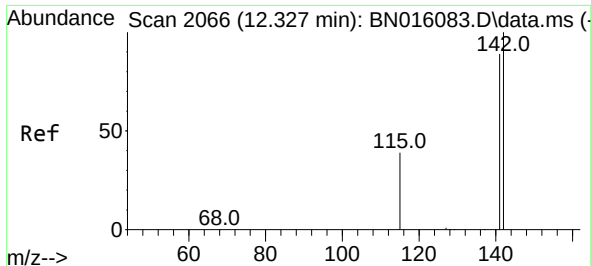
Tgt Ion: 88 Resp: 3321
Ion Ratio Lower Upper
88 100
43 31.5 33.6 50.4#
58 71.5 49.4 74.2



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:128 Resp: 5738
Ion Ratio Lower Upper
128 100
129 12.4 9.7 14.5
127 14.3 11.1 16.7

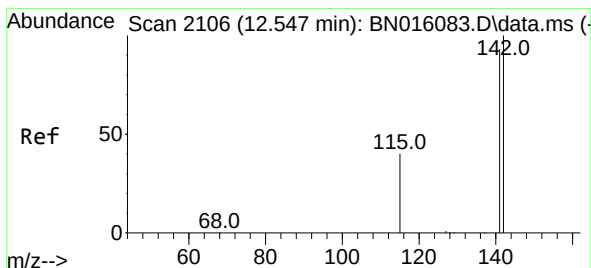
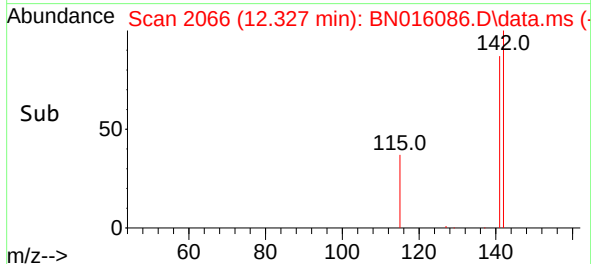
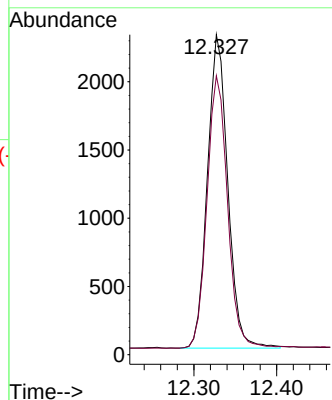
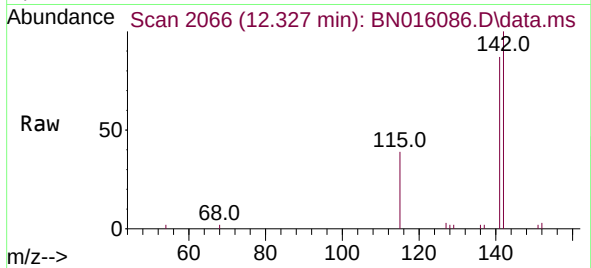




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

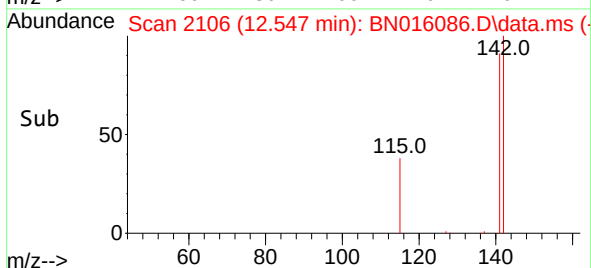
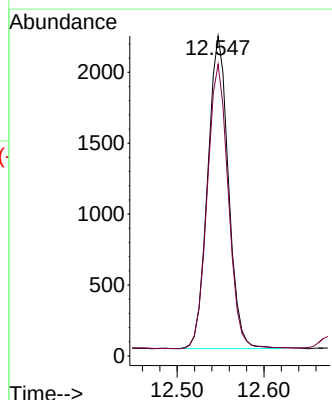
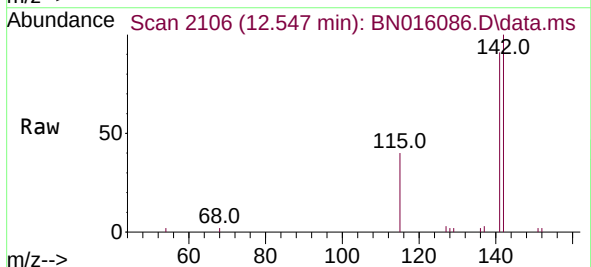
Instrument :
BNA_N
ClientSampled :
SLCS647

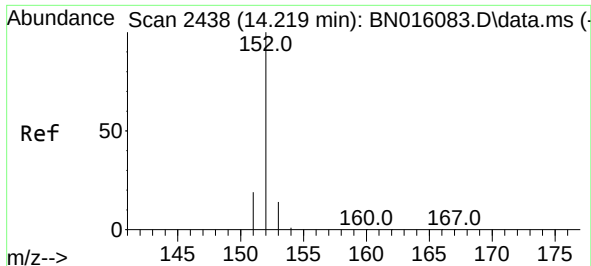
Tgt Ion:142 Resp: 3919
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:142 Resp: 3650
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2

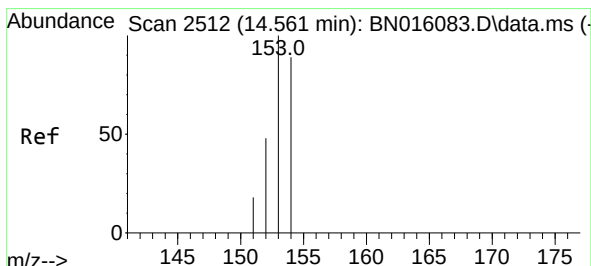
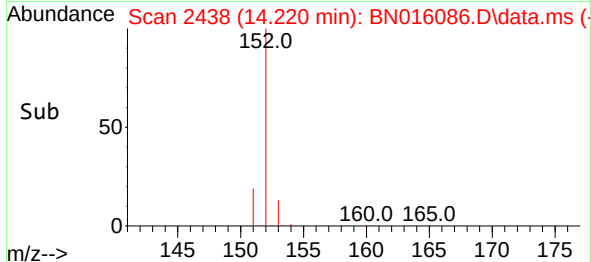
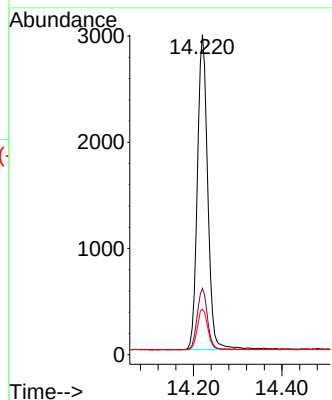
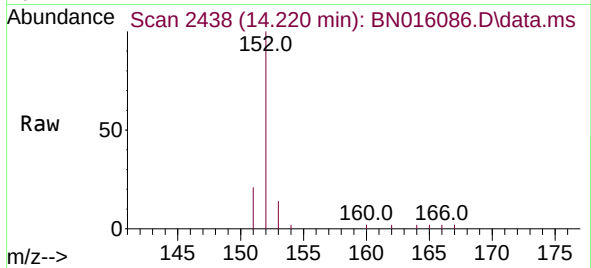




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

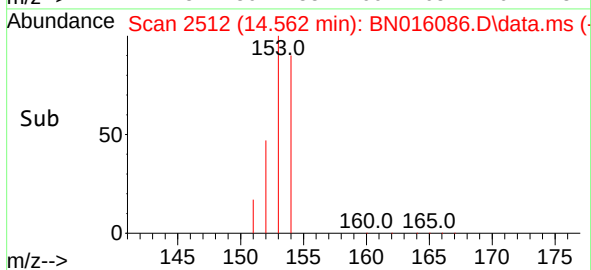
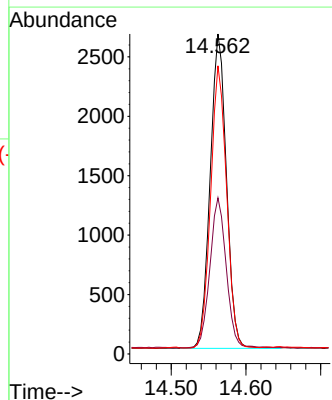
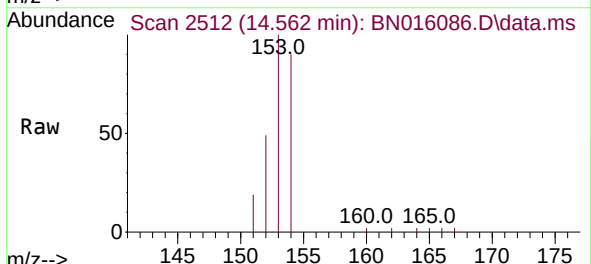
Instrument :
BNA_N
ClientSampleId :
SLCS647

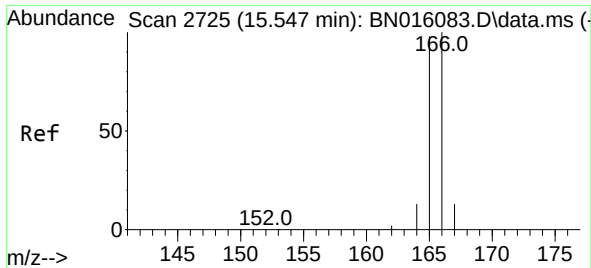
Tgt Ion:152	Resp:	4829
Ion Ratio	Lower	Upper
152	100	
151	20.7	17.0 25.6
153	14.3	11.8 17.6



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:153	Resp:	3988
Ion Ratio	Lower	Upper
153	100	
152	48.8	38.3 57.5
154	90.0	70.2 105.2

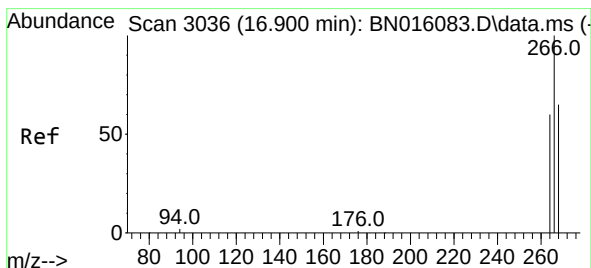
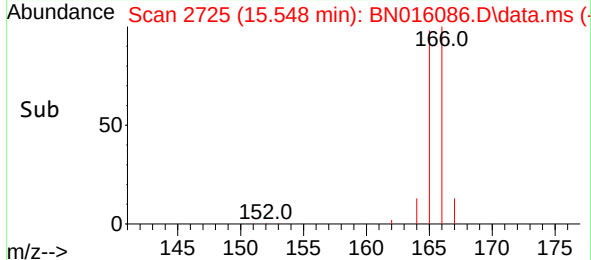
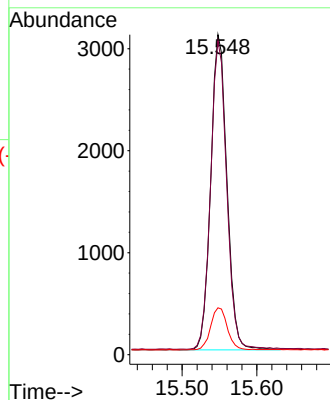
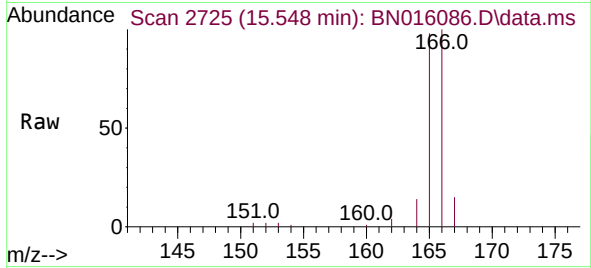




#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.548 min Scan# 2725
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

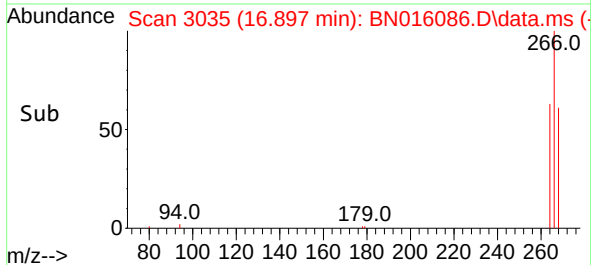
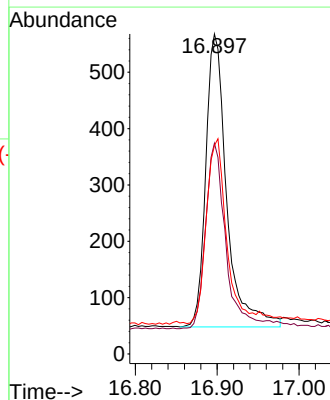
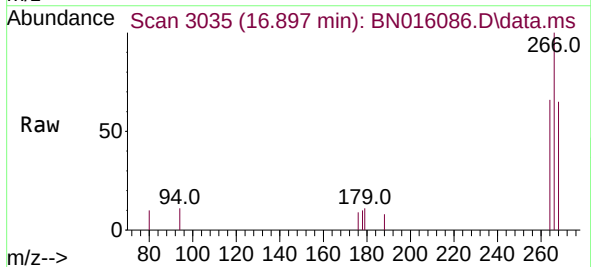
Instrument :
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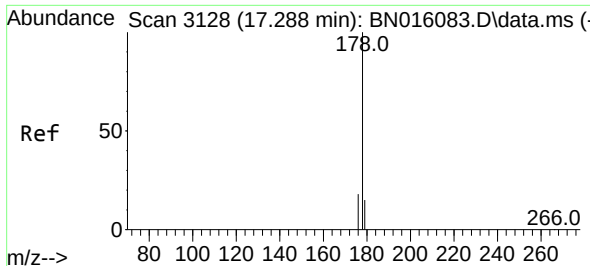
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.2	114.2
167	14.7	11.5	17.3



#14
Pentachlorophenol
Concen: 0.545 ng/ul
RT: 16.897 min Scan# 3035
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.2	75.2
268	63.4	52.6	79.0

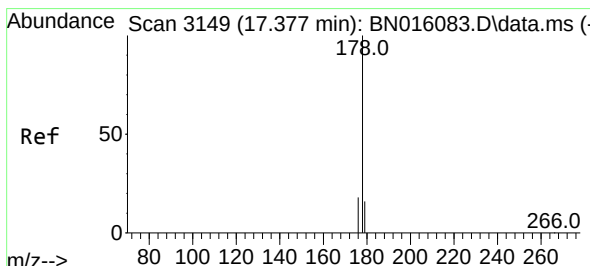
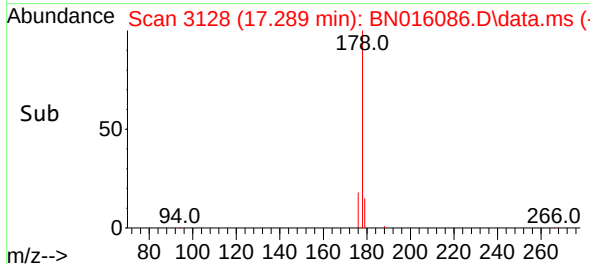
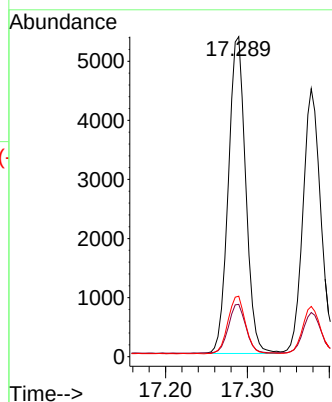
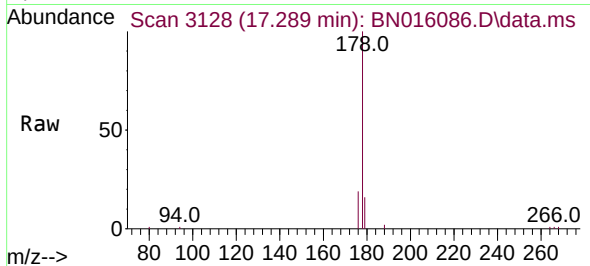




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.005 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

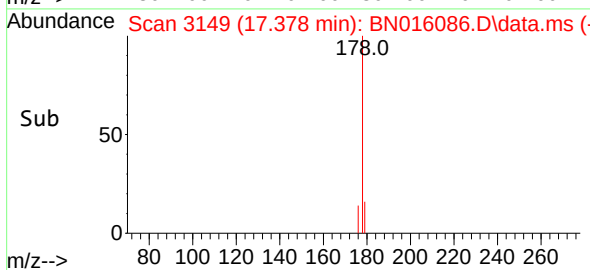
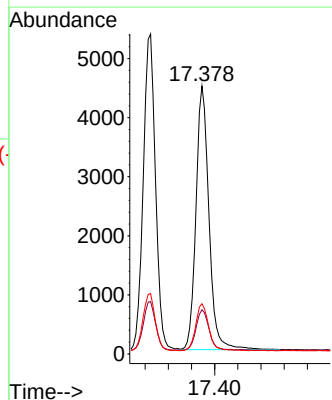
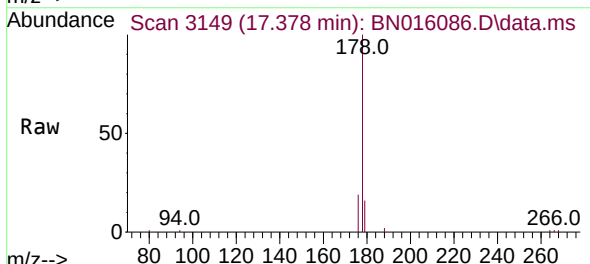
Instrument :
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ClientSampleId :
SLCS647

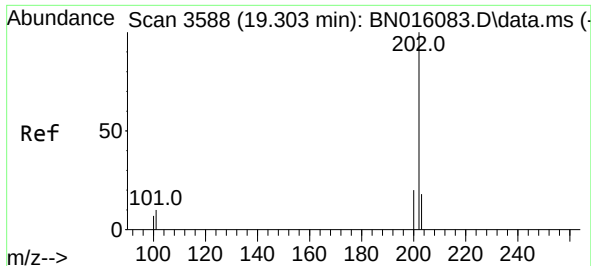
Tgt Ion:	178	Resp:	7911
Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.4	20.2
176	18.9	15.0	22.4



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.378 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:	178	Resp:	6922
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.0
176	18.7	14.9	22.3

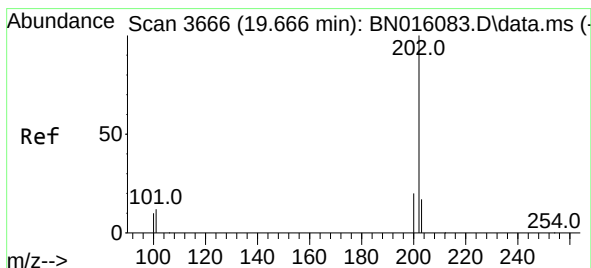
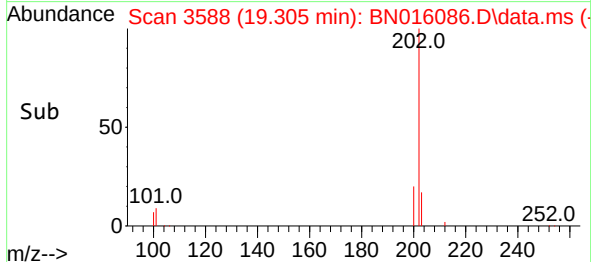
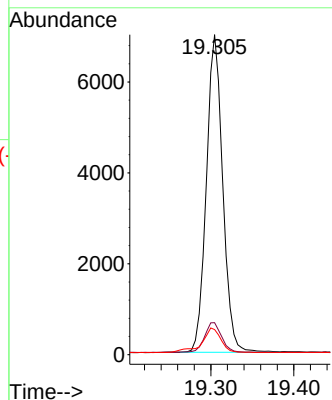
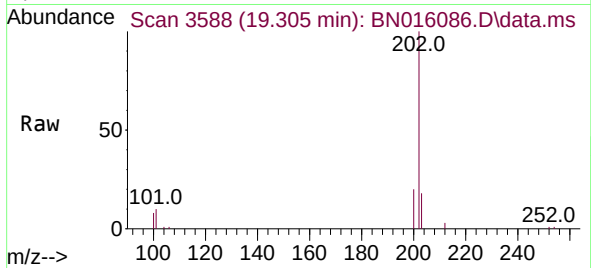




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.305 min Scan# 3588
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

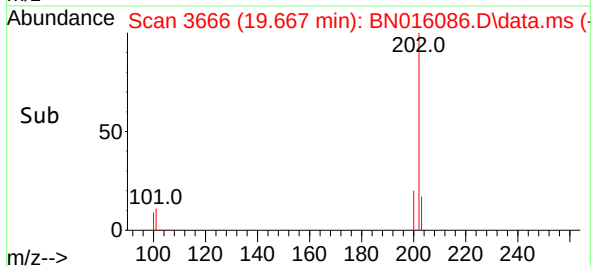
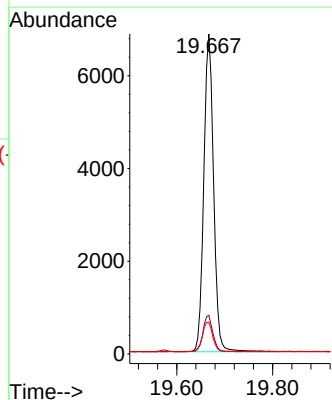
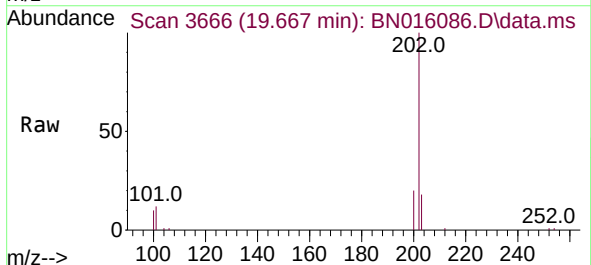
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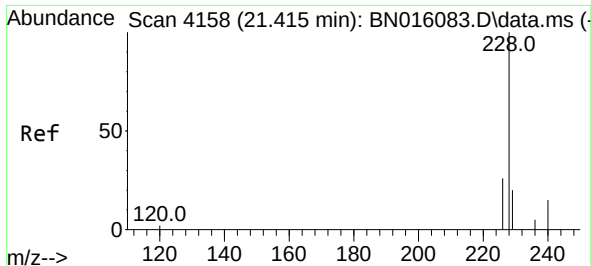
Tgt Ion:202	Resp:	9591
Ion Ratio	Lower	Upper
202	100	
101	10.0	8.3 12.5
100	7.8	6.6 9.8



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:202	Resp:	9712
Ion Ratio	Lower	Upper
202	100	
101	12.1	10.0 15.0
100	10.0	8.4 12.6

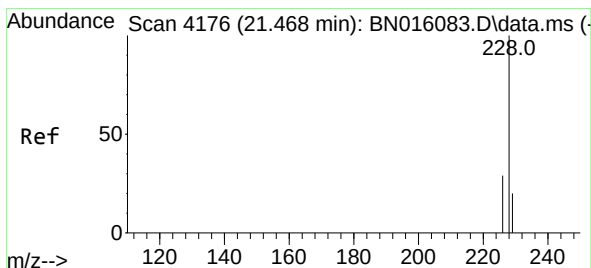
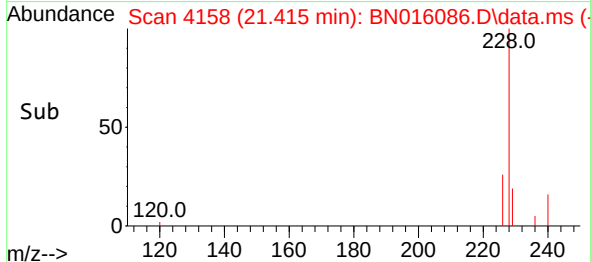
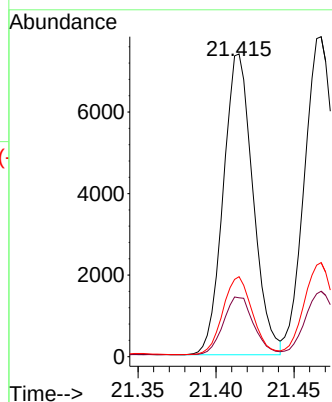
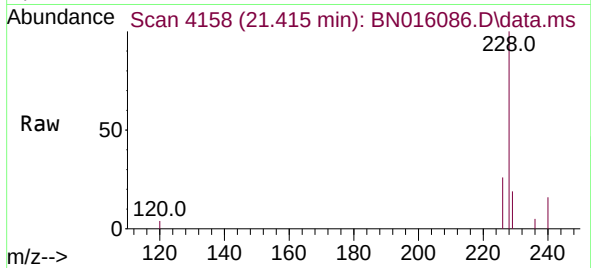




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

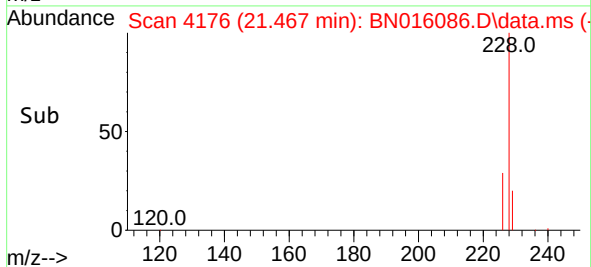
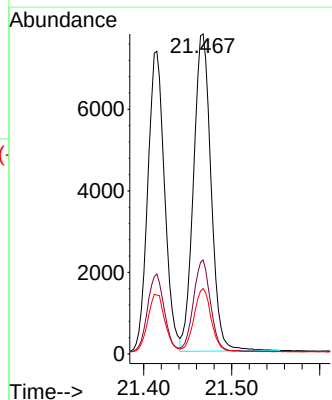
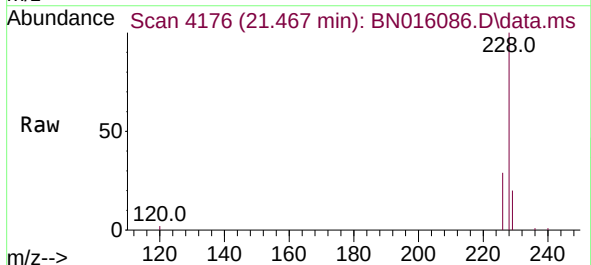
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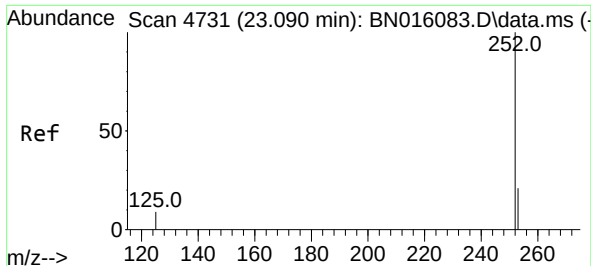
Tgt Ion:228	Resp:	9784
Ion Ratio	Lower	Upper
228	100	
229	19.4	16.0 24.0
226	26.5	20.6 31.0



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:228	Resp:	10792
Ion Ratio	Lower	Upper
228	100	
226	29.4	23.4 35.0
229	20.5	16.4 24.6

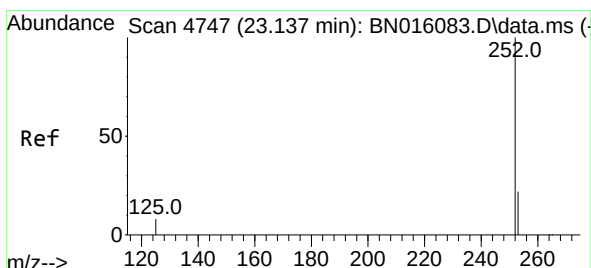
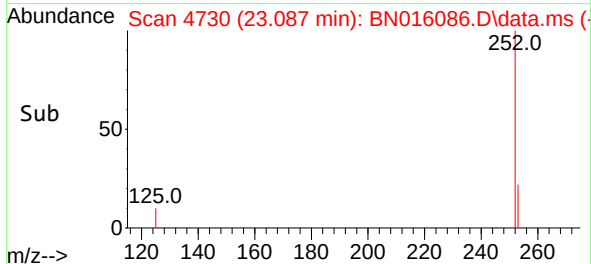
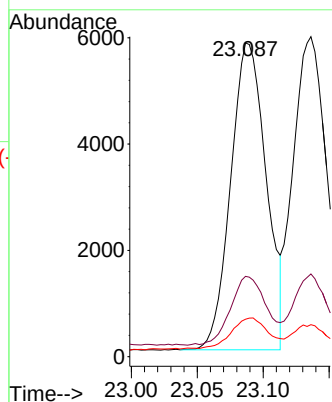
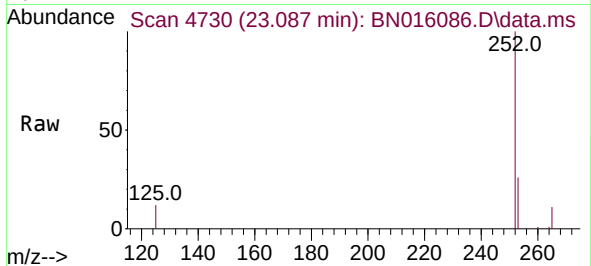




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.087 min Scan# 4730
Delta R.T. -0.004 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

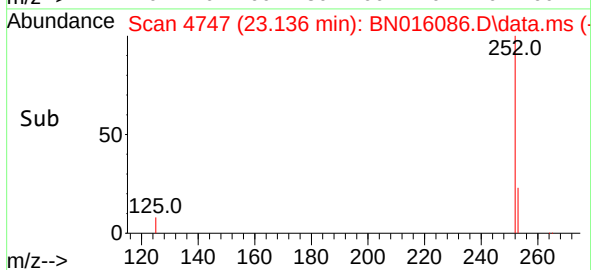
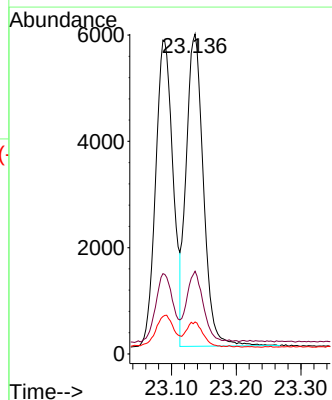
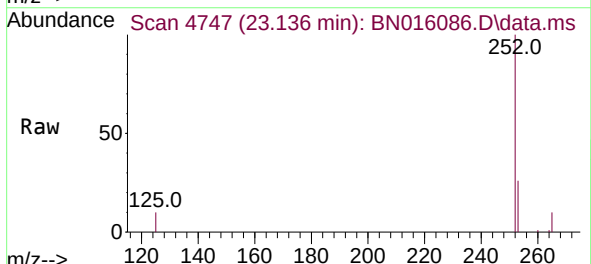
Instrument :
BNA_N
ClientSampleId :
SLCS647

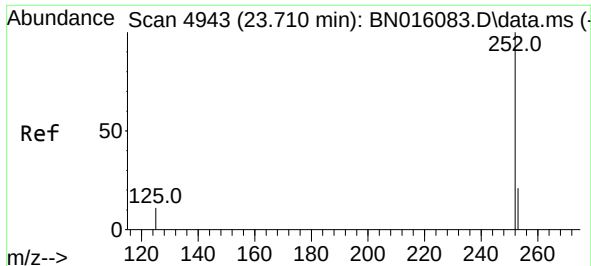
Tgt Ion:252	Resp:	10822
Ion Ratio	Lower	Upper
252	100	
253	25.6	0.0 50.6
125	11.9	0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:252	Resp:	10874
Ion Ratio	Lower	Upper
252	100	
253	25.8	20.7 31.1
125	10.0	8.2 12.4

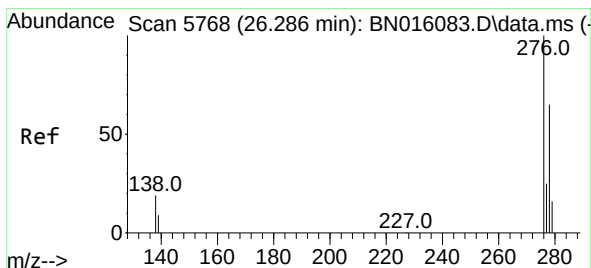
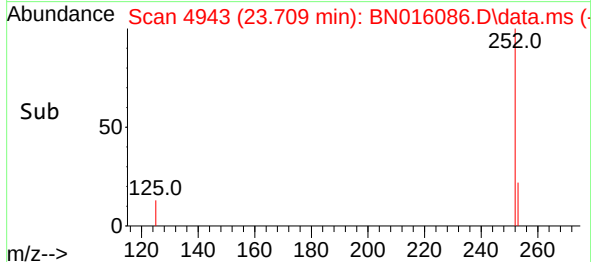
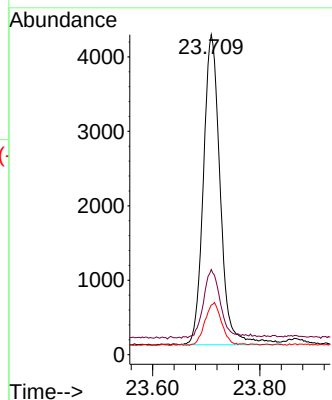
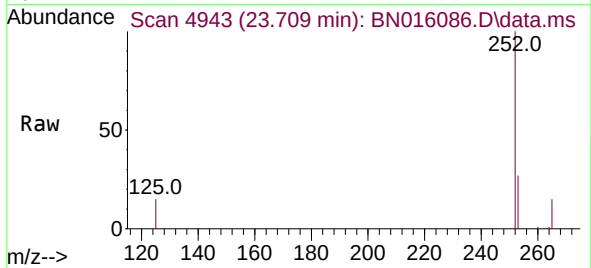




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.709 min Scan# 4943
Delta R.T. -0.001 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

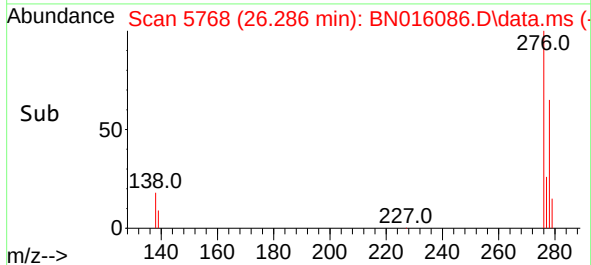
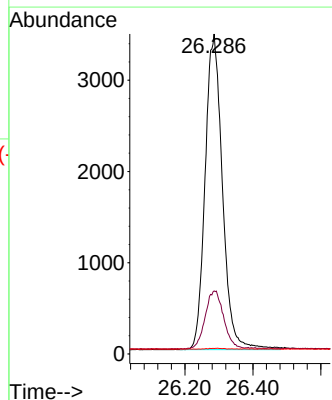
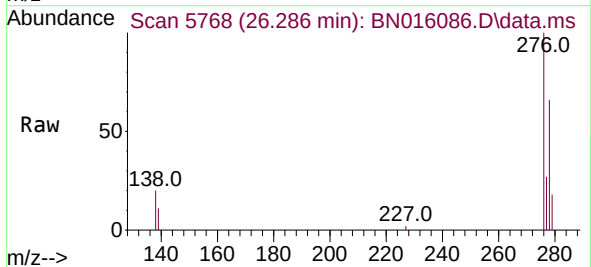
Instrument :
BNA_N
ClientSampleId :
SLCS647

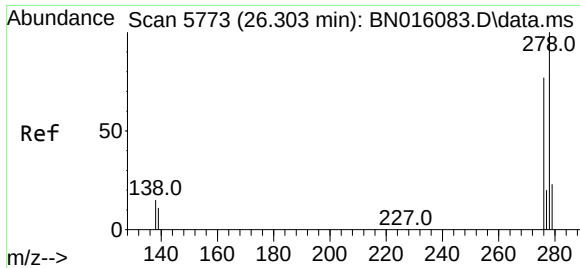
Tgt Ion:252 Resp: 9093
Ion Ratio Lower Upper
252 100
253 26.6 22.1 33.1
125 15.5 10.2 15.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.004 min
Lab File: BN016086.D
Acq: 27 Aug 2021 01:48

Tgt Ion:276 Resp: 12249
Ion Ratio Lower Upper
276 100
138 19.5 15.1 22.7
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.386 ng/ul

RT: 26.302 min Scan# 5773

Delta R.T. 0.002 min

Lab File: BN016086.D

Acq: 27 Aug 2021 01:48

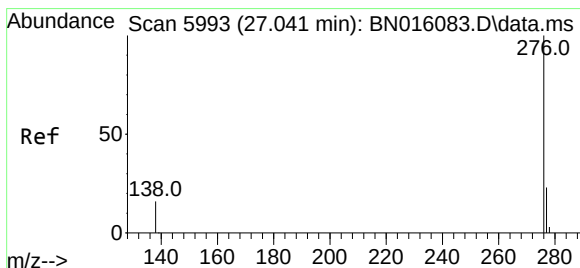
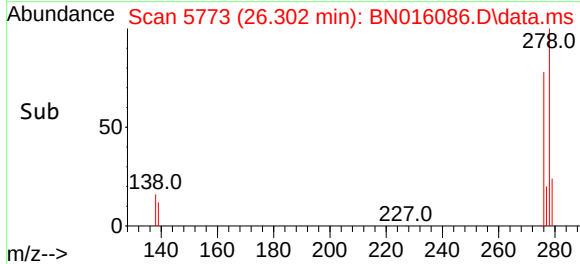
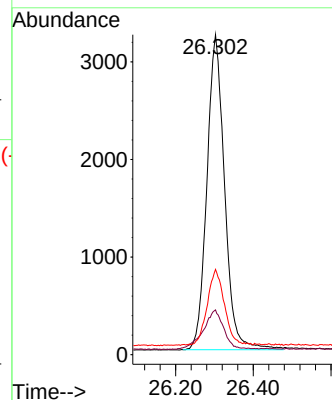
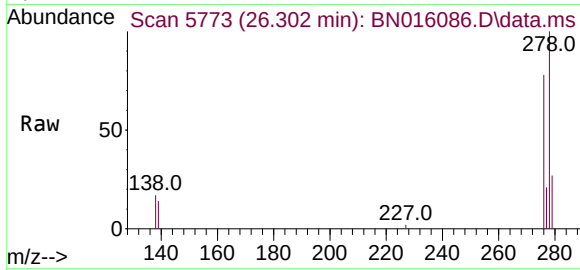
Instrument :

BNA_N

ClientSampleId :

SLCS647

Tgt Ion:	278	Resp:	10223
Ion Ratio	Lower	Upper	
278	100		
139	14.0	12.0	18.0
279	26.7	21.0	31.6



#29

Benzo(g,h,i)perylene

Concen: 0.377 ng/ul

RT: 27.040 min Scan# 5993

Delta R.T. 0.002 min

Lab File: BN016086.D

Acq: 27 Aug 2021 01:48

Tgt Ion:	276	Resp:	10219
Ion Ratio	Lower	Upper	
276	100		
138	17.3	13.8	20.8
277	24.7	20.5	30.7

