

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015428.D
 Acq On : 09 Jul 2021 03:40
 Operator : CG/JU
 Sample : PB137381BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

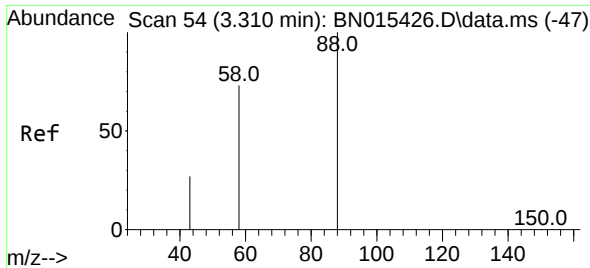
Instrument :
 BNA_N
 ClientSampleId :
 SLCS381

Quant Time: Jul 09 04:35:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	9438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	4900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9957	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	8138	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	7102	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2478	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	5425	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	11227	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	6459	1.863	ng/ul#	88
5) Naphthalene	10.529	128	11020	0.366	ng/ul	100
7) 2-Methylnaphthalene	12.146	142	7185	0.365	ng/ul	100
8) 1-Methylnaphthalene	12.366	142	6700	0.352	ng/ul	99
10) Acenaphthylene	14.053	152	8661	0.342	ng/ul	99
11) Acenaphthene	14.400	153	7110	0.366	ng/ul	99
12) Fluorene	15.390	166	7875	0.367	ng/ul	98
14) Pentachlorophenol	16.740	266	1619	0.735	ng/ul	99
15) Phenanthrene	17.124	178	13549	0.375	ng/ul	99
16) Anthracene	17.217	178	11356	0.356	ng/ul	100
19) Fluoranthene	19.150	202	15115	0.402	ng/ul	100
20) Pyrene	19.513	202	15337	0.407	ng/ul	100
21) Benzo(a)anthracene	21.267	228	13095	0.434	ng/ul	100
22) Chrysene	21.317	228	14969	0.415	ng/ul	99
24) Benzo(b)fluoranthene	22.848	252	14956	0.451	ng/ul	97
25) Benzo(k)fluoranthene	22.892	252	15081	0.403	ng/ul	98
26) Benzo(a)pyrene	23.421	252	12553	0.450	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.767	276	16215	0.482	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.780	278	12919	0.490	ng/ul	99
29) Benzo(g,h,i)perylene	26.451	276	13956	0.448	ng/ul	98

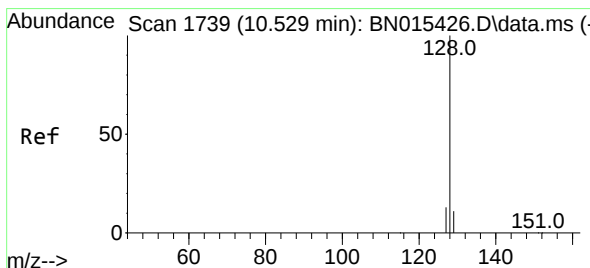
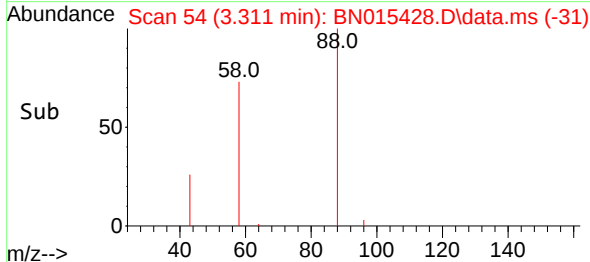
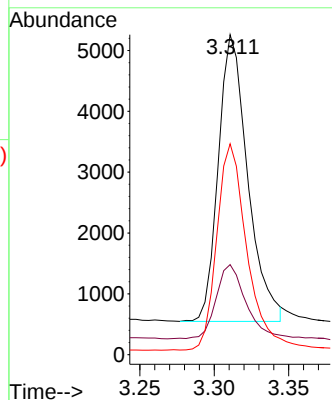
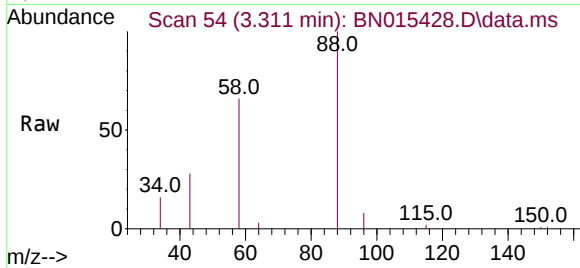
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.863 ng/ul
RT: 3.311 min Scan# 54
Delta R.T. -0.004 min
Lab File: BN015428.D
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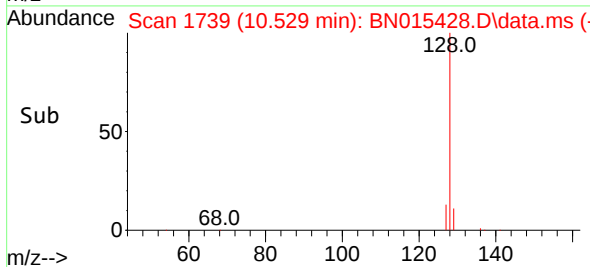
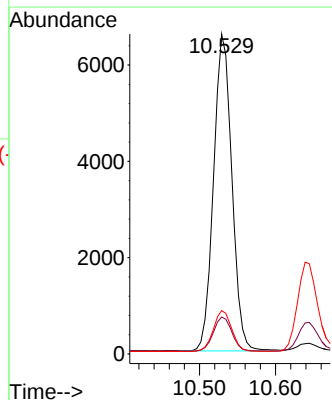
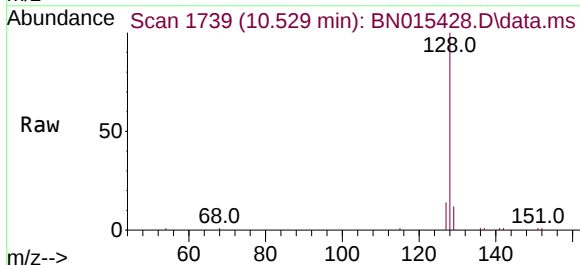
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BNA_N
ClientSampled :
SLCS381

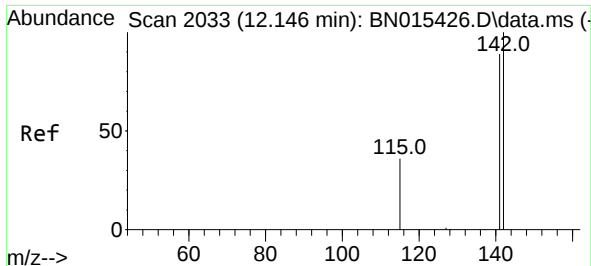
Tgt Ion: 88 Resp: 6459
Ion Ratio Lower Upper
88 100
43 28.2 24.9 37.3
58 65.9 43.4 65.0#



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:128 Resp: 11020
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 10.8 16.2

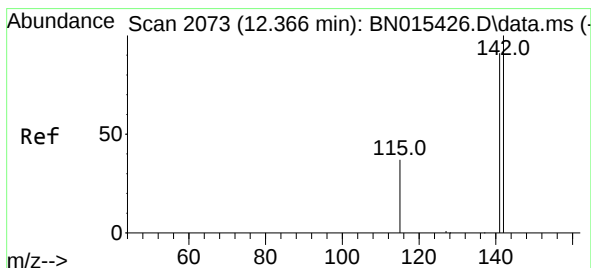
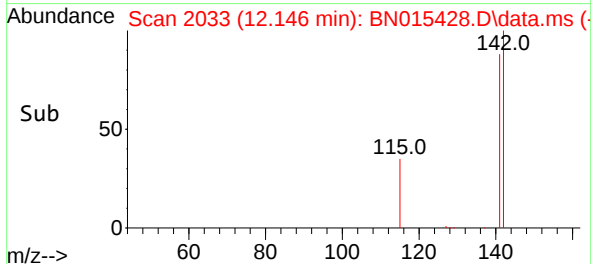
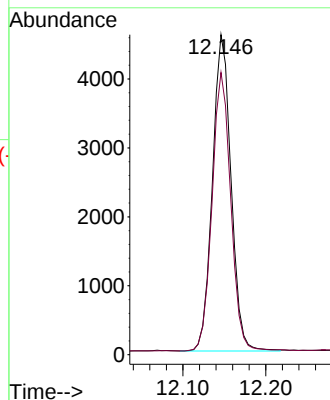
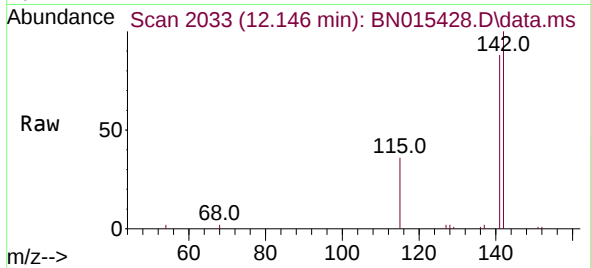




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

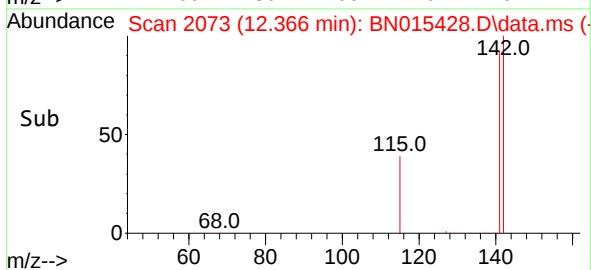
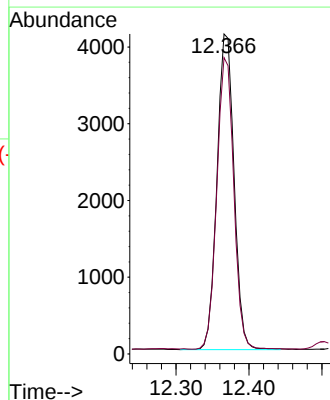
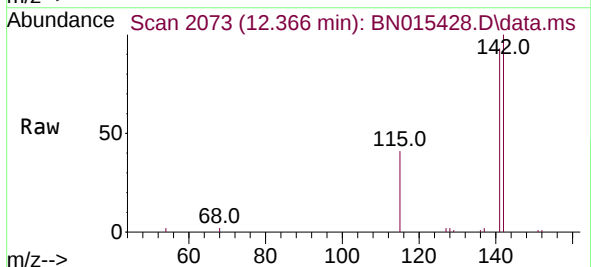
Instrument :
BNA_N
ClientSampleId :
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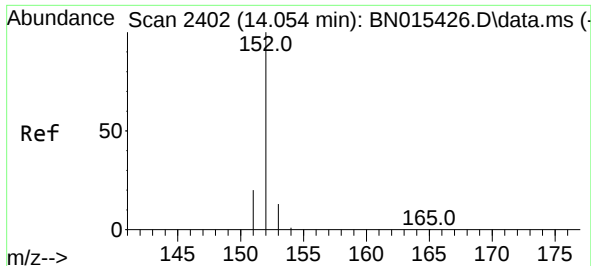
Tgt Ion:142 Resp: 7185
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:142 Resp: 6700
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4

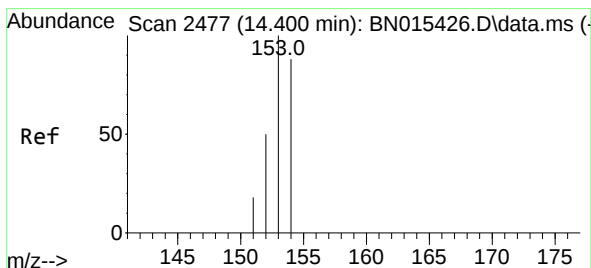
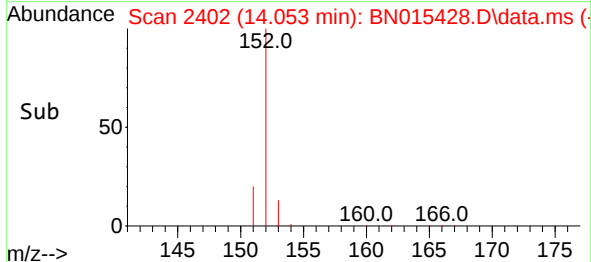
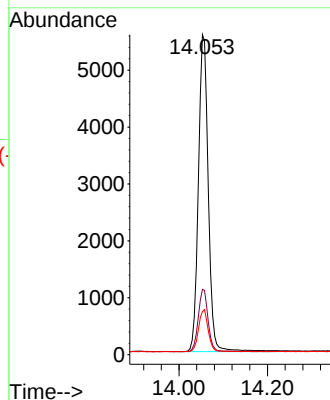
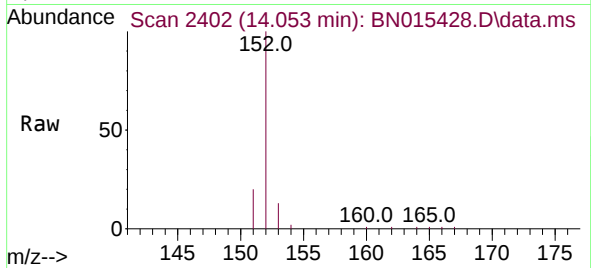




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

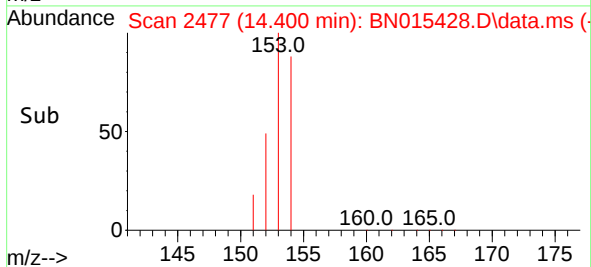
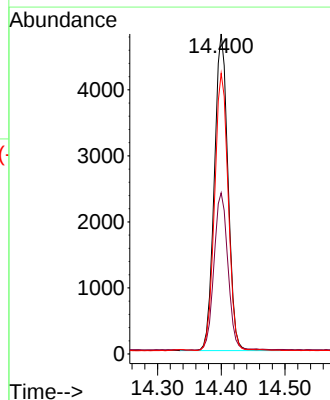
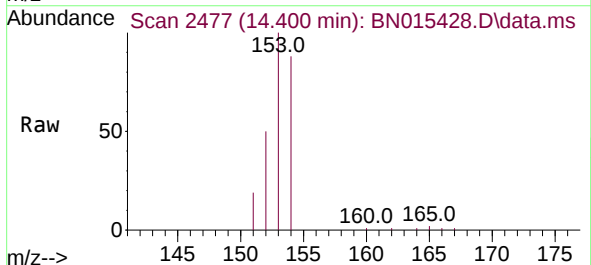
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ClientSampleId :
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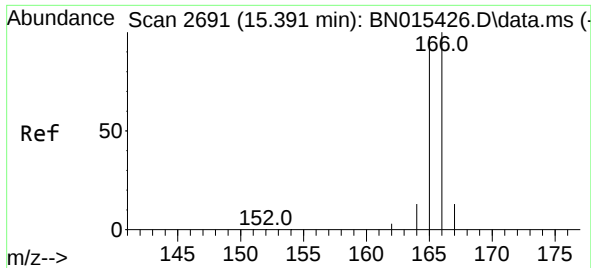
Tgt Ion:152	Resp:	8661
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.0 24.0
153	13.4	10.9 16.3



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:153	Resp:	7110
Ion Ratio	Lower	Upper
153	100	
152	50.4	39.8 59.6
154	87.7	69.8 104.8

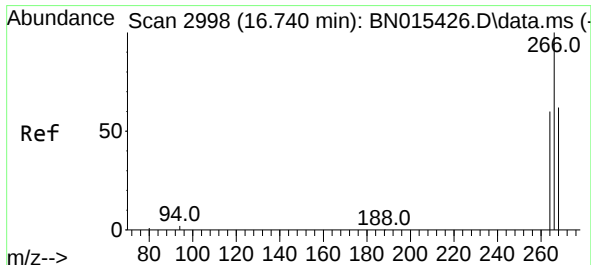
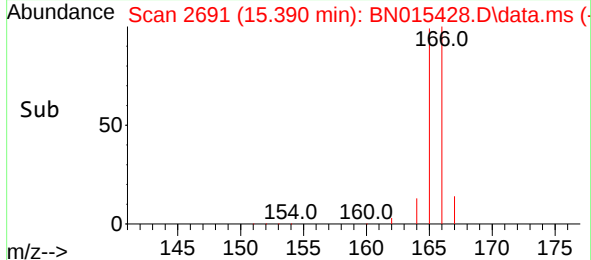
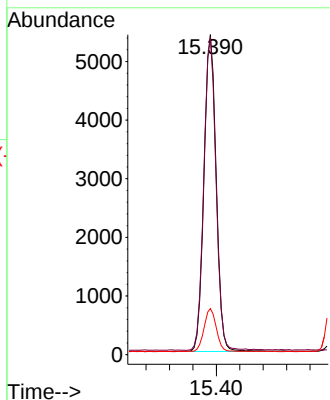
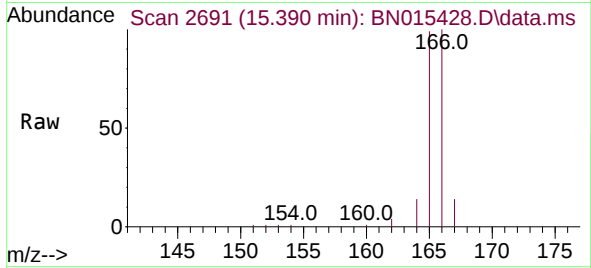




#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

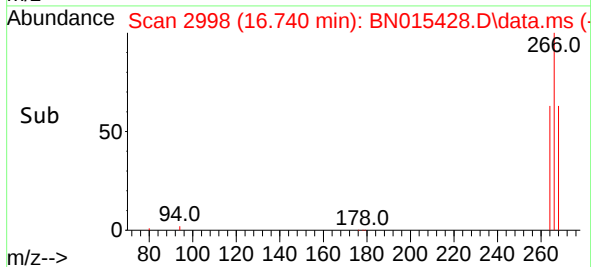
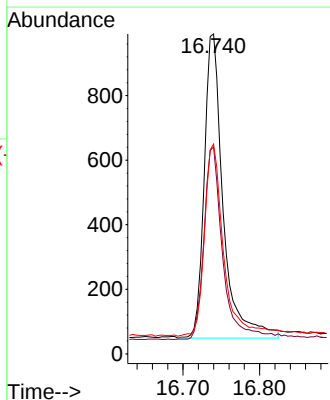
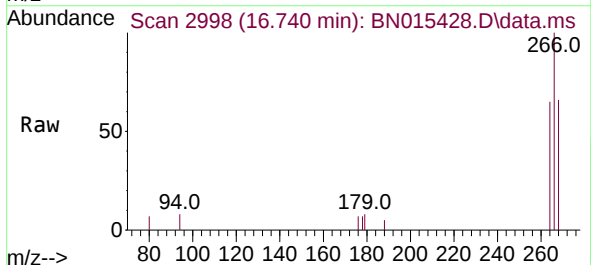
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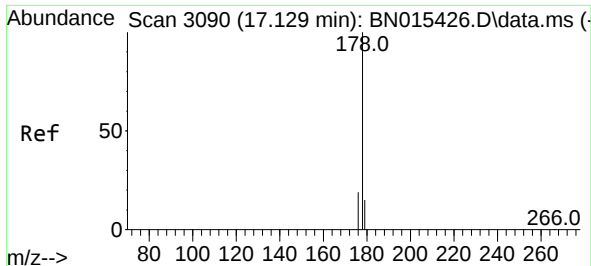
Tgt Ion:	166	Resp:	7875
Ion Ratio	Lower	Upper	
166	100		
165	99.2	77.8	116.8
167	14.4	11.2	16.8



#14
Pentachlorophenol
Concen: 0.735 ng/ul
RT: 16.740 min Scan# 2998
Delta R.T. 0.000 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:	266	Resp:	1619
Ion Ratio	Lower	Upper	
266	100		
264	62.6	50.2	75.2
268	63.9	51.8	77.6

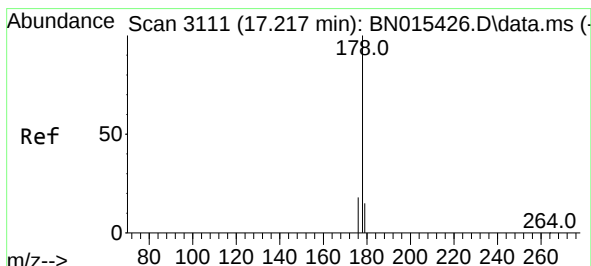
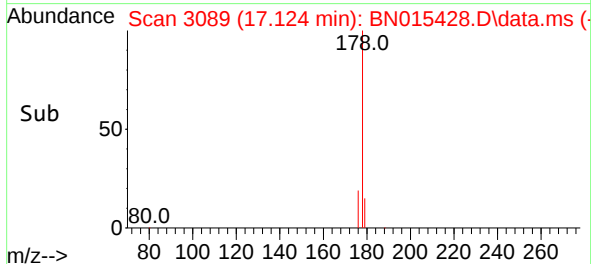
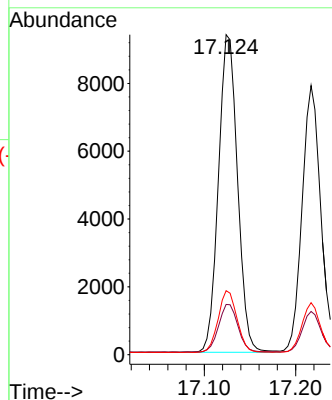
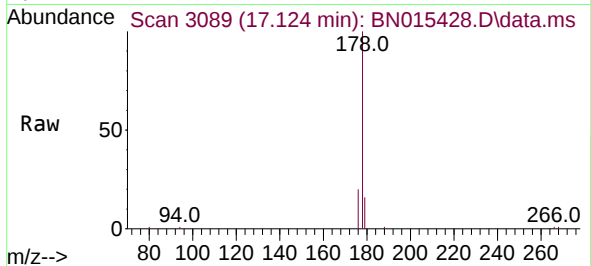




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

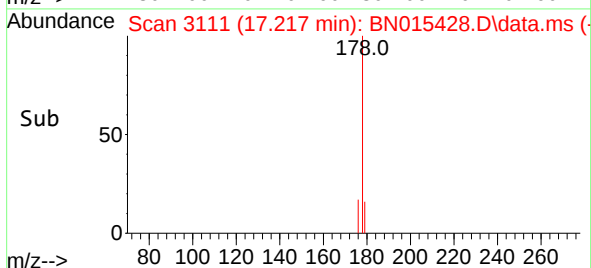
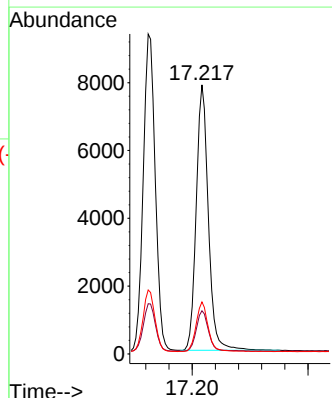
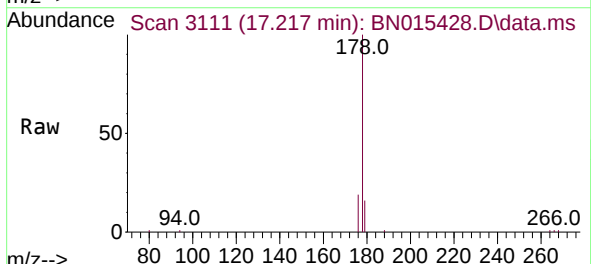
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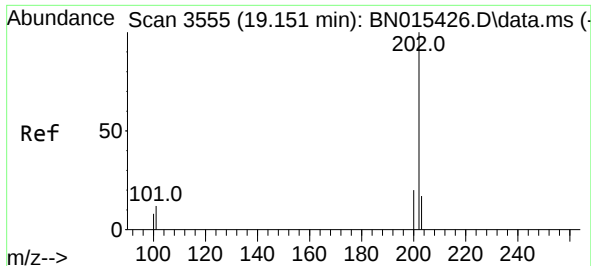
Tgt Ion:178	Resp:	13549
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.3 18.5
176	20.0	15.5 23.3



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:178	Resp:	11356
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.8 19.2
176	19.3	15.2 22.8

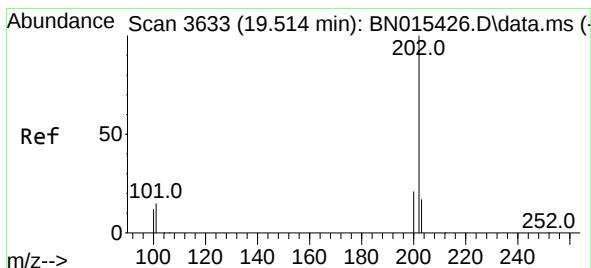
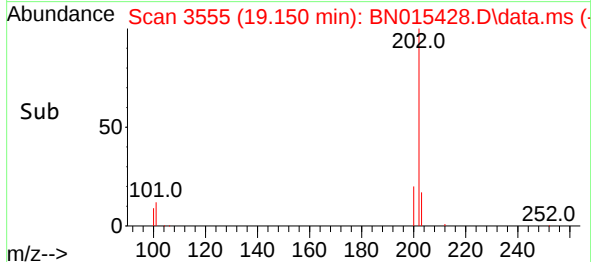
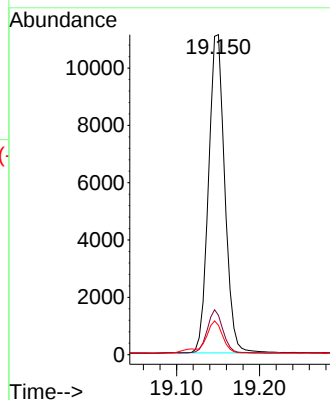
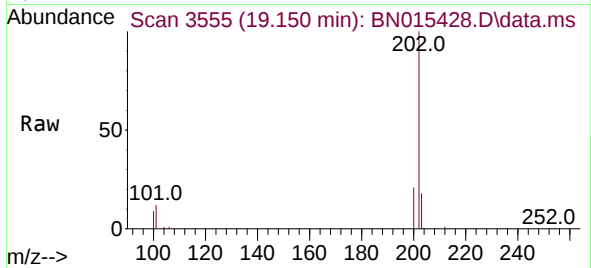




#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

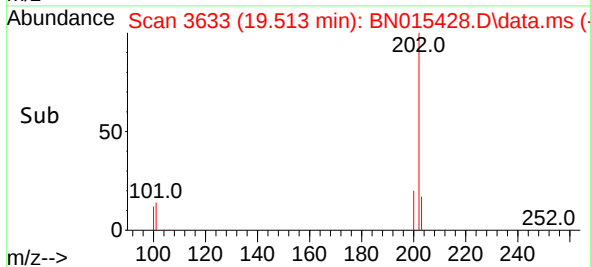
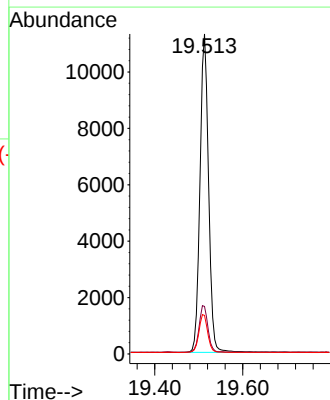
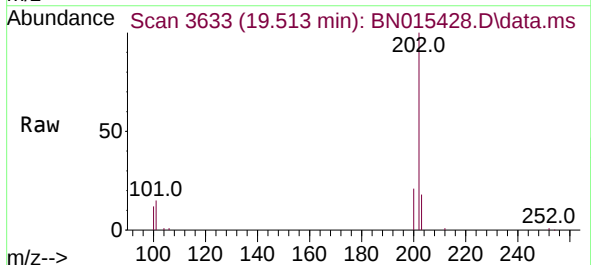
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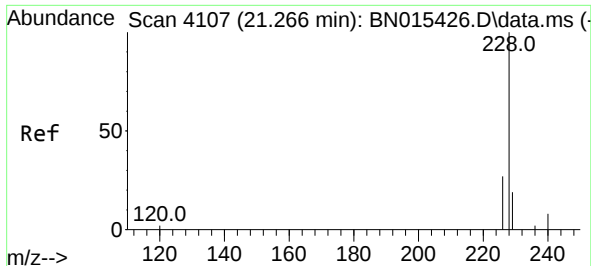
Tgt Ion:	202	Resp:	15115
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.1	15.1
100	9.2	7.4	11.0



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:	202	Resp:	15337
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.0	18.0
100	12.0	9.6	14.4

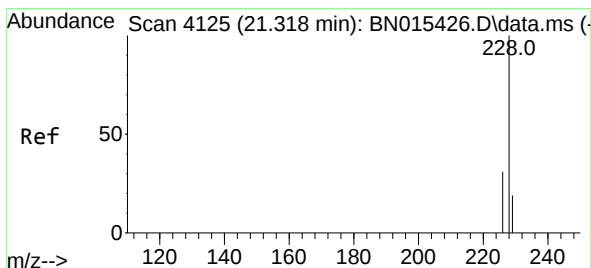
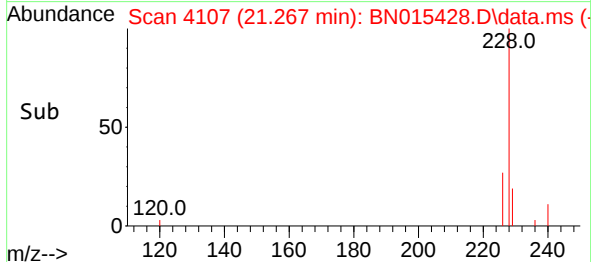
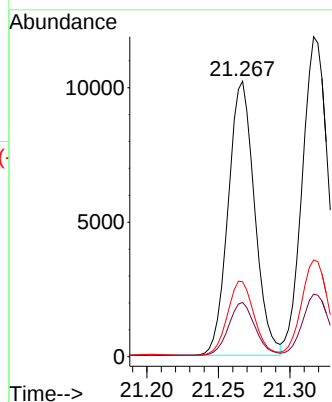
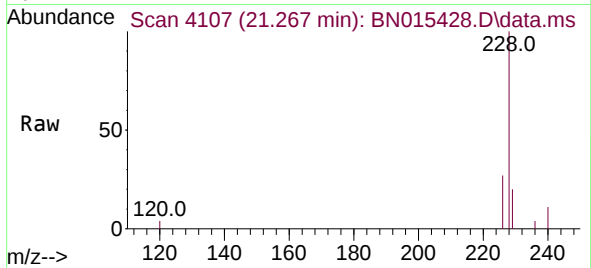




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.267 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

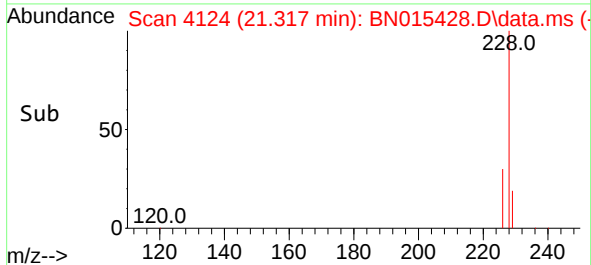
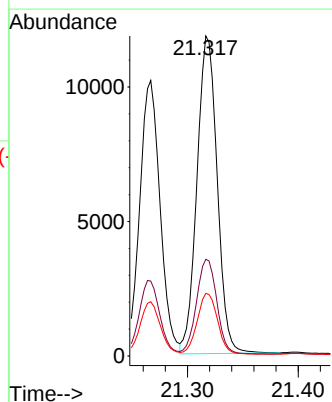
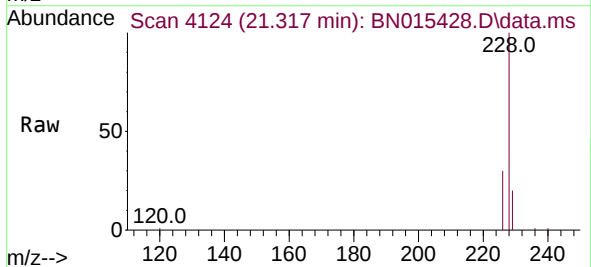
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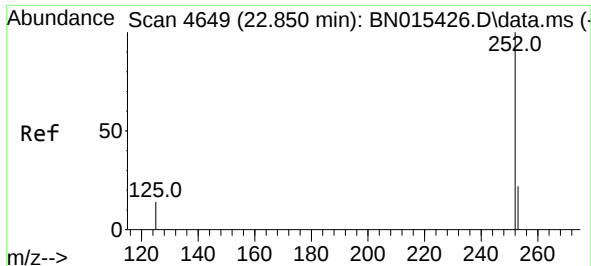
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Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.2 21.8 32.8



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.317 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:228 Resp: 14969
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.5 15.7 23.5

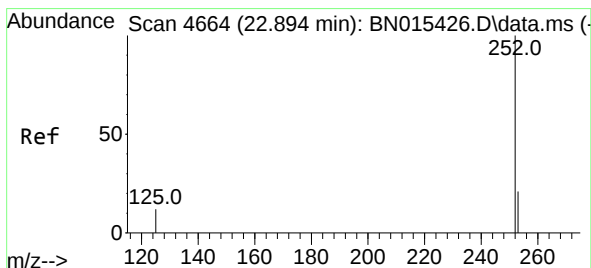
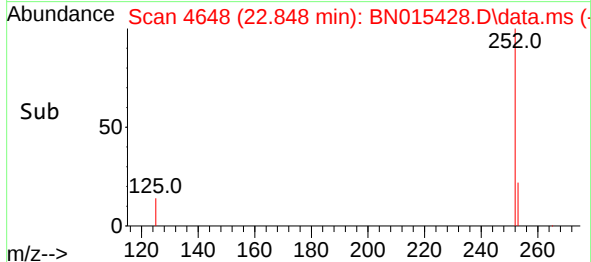
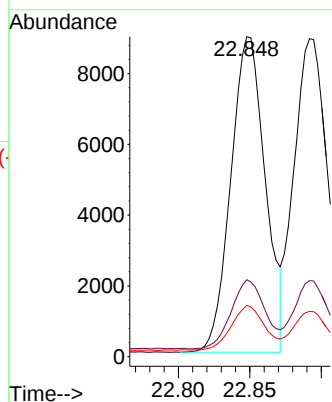
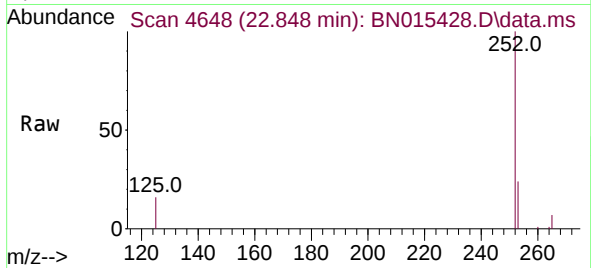




#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul
RT: 22.848 min Scan# 4648
Delta R.T. -0.008 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

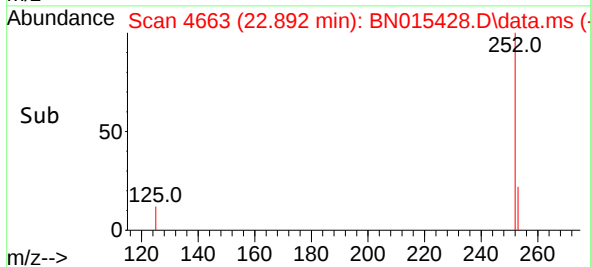
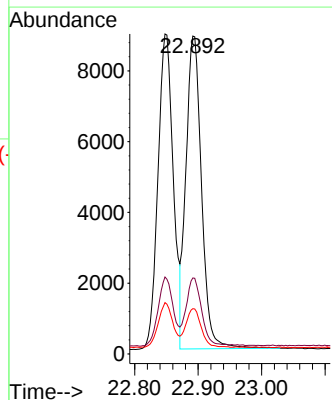
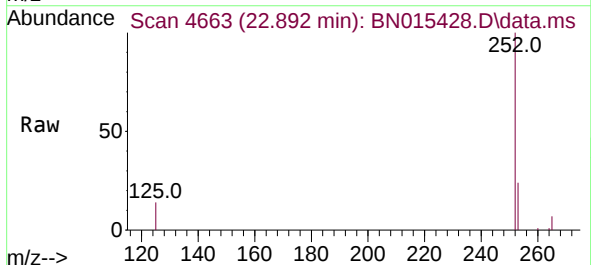
Instrument :
BNA_N
ClientSampleId :
SLCS381

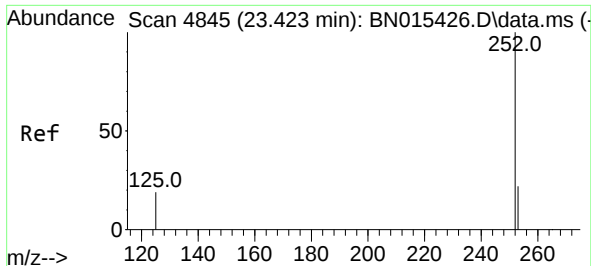
Tgt Ion:252	Resp:	14956
Ion Ratio	Lower	Upper
252	100	
253	24.0	0.0 45.6
125	16.0	0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 22.892 min Scan# 4663
Delta R.T. -0.008 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:252	Resp:	15081
Ion Ratio	Lower	Upper
252	100	
253	23.9	18.1 27.1
125	14.2	11.5 17.3

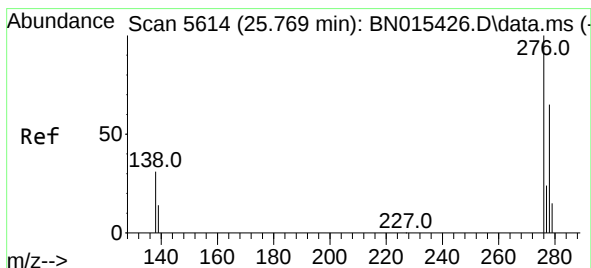
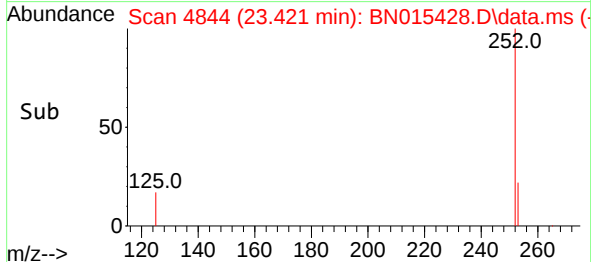
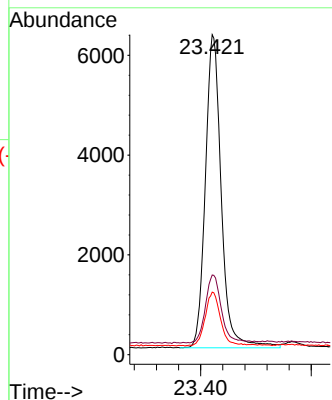
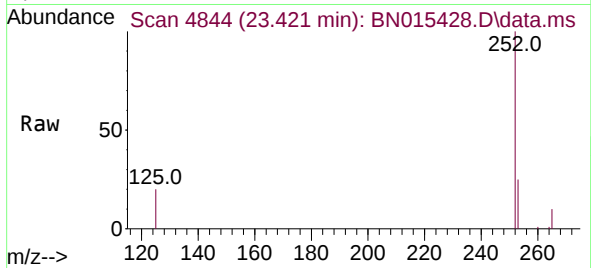




#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 23.421 min Scan# 4844
Delta R.T. -0.008 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

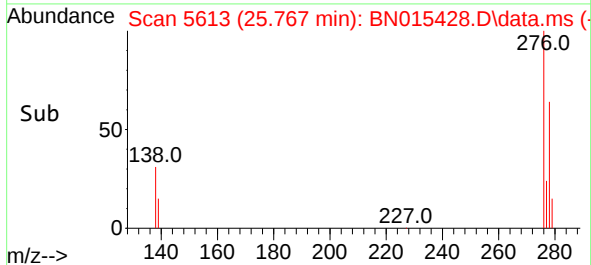
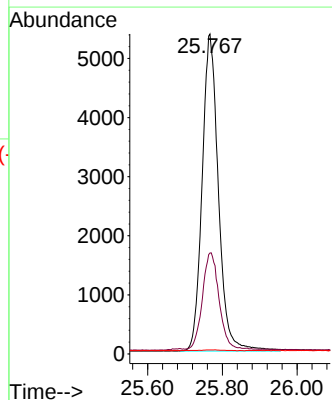
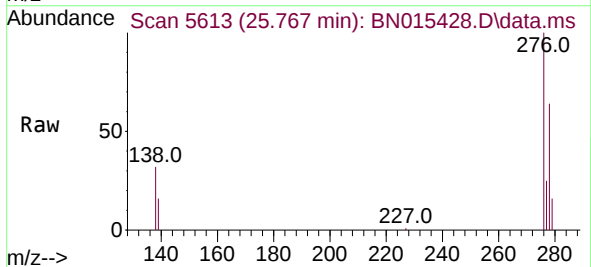
Instrument :
BNA_N
ClientSampleId :
SLCS381

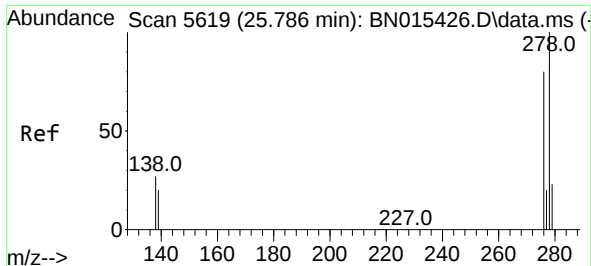
Tgt Ion:252	Resp:	12553
Ion Ratio	Lower	Upper
252	100	
253	24.9	18.9 28.3
125	19.6	13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.482 ng/ul
RT: 25.767 min Scan# 5613
Delta R.T. -0.009 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:276	Resp:	16215
Ion Ratio	Lower	Upper
276	100	
138	31.3	26.3 39.5
227	0.2	0.1 0.1#

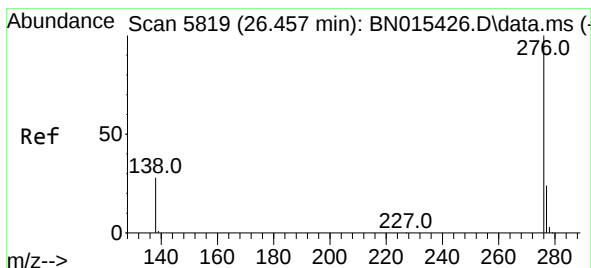
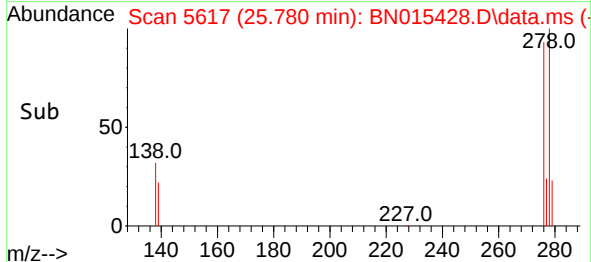
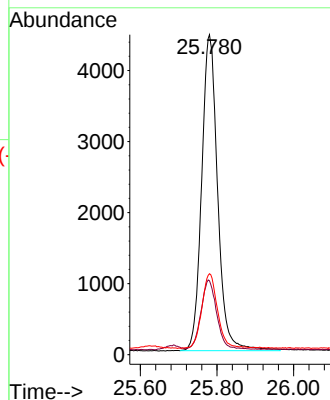
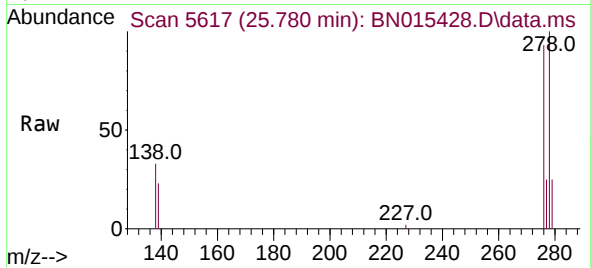




#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 25.780 min Scan# 5617
Delta R.T. -0.009 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Instrument :
BNA_N
ClientSampleId :
SLCS381

Tgt Ion:278 Resp: 12919
Ion Ratio Lower Upper
278 100
139 23.1 18.9 28.3
279 25.3 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.451 min Scan# 5817
Delta R.T. -0.013 min
Lab File: BN015428.D
Acq: 09 Jul 2021 03:40

Tgt Ion:276 Resp: 13956
Ion Ratio Lower Upper
276 100
138 29.4 23.0 34.4
277 25.1 19.3 28.9

