

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015430.D
 Acq On : 09 Jul 2021 04:52
 Operator : CG/JU
 Sample : PB137438BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS438

Quant Time: Jul 09 05:33:44 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

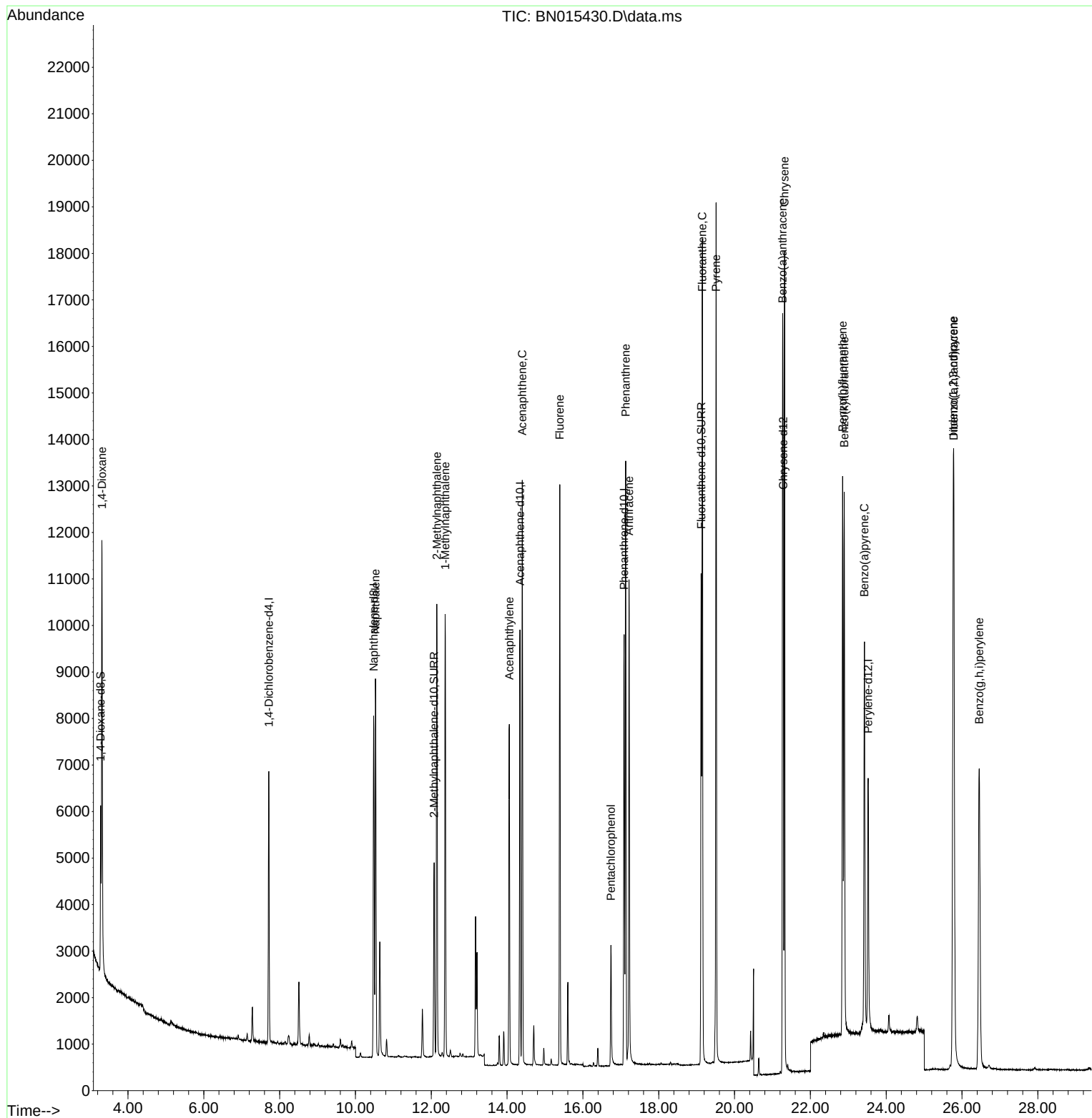
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	2927	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	9844	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.339	164	5055	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	10272	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	8196	0.400	ng/ul	0.00
23) Perylene-d12	23.523	264	7097	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2463	0.747	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	5458	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	11223	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.315	88	6455	1.811	ng/ul	89
5) Naphthalene	10.529	128	10873	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	7065	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.366	142	6614	0.333	ng/ul	99
10) Acenaphthylene	14.057	152	8492	0.325	ng/ul	99
11) Acenaphthene	14.400	153	7021	0.351	ng/ul	99
12) Fluorene	15.390	166	7815	0.353	ng/ul	99
14) Pentachlorophenol	16.740	266	1962	0.863	ng/ul	99
15) Phenanthrene	17.128	178	13672	0.367	ng/ul	100
16) Anthracene	17.217	178	11335	0.345	ng/ul	99
19) Fluoranthene	19.150	202	14842	0.392	ng/ul	97
20) Pyrene	19.512	202	15021	0.395	ng/ul	99
21) Benzo(a)anthracene	21.266	228	12457	0.410	ng/ul	99
22) Chrysene	21.319	228	14649	0.403	ng/ul	100
24) Benzo(b)fluoranthene	22.850	252	14046	0.424	ng/ul	97
25) Benzo(k)fluoranthene	22.894	252	14710	0.393	ng/ul	99
26) Benzo(a)pyrene	23.426	252	12004	0.431	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.770	276	15493	0.461	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.783	278	12377	0.469	ng/ul	97
29) Benzo(g,h,i)perylene	26.454	276	13240	0.425	ng/ul	99

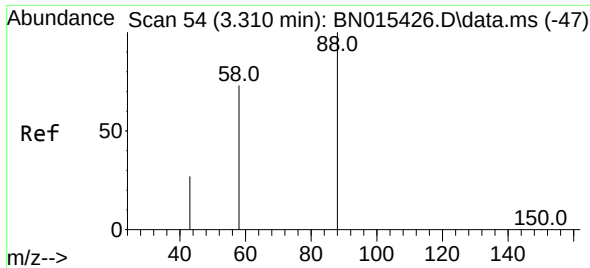
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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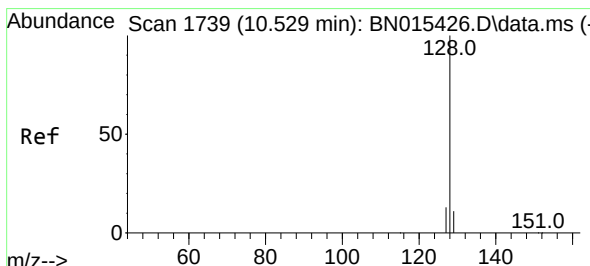
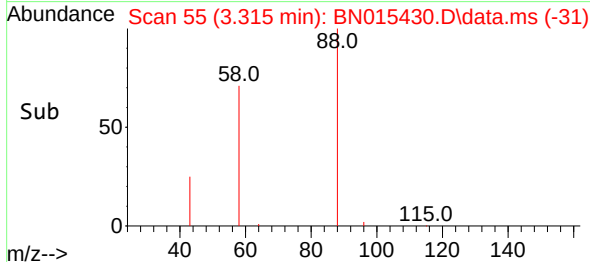
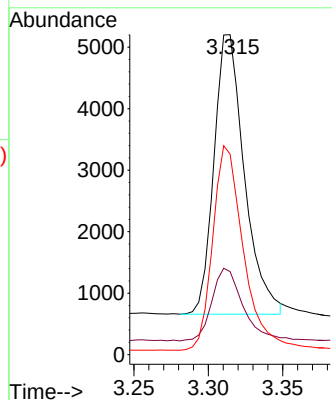
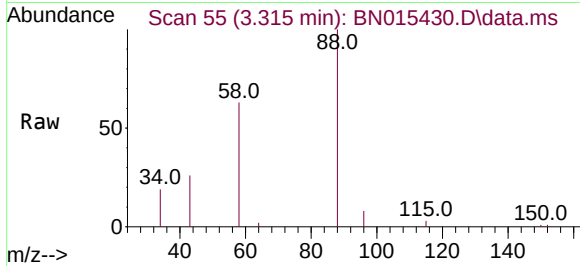




#2
1,4-Dioxane
Concen: 1.811 ng/ul
RT: 3.315 min Scan# 55
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

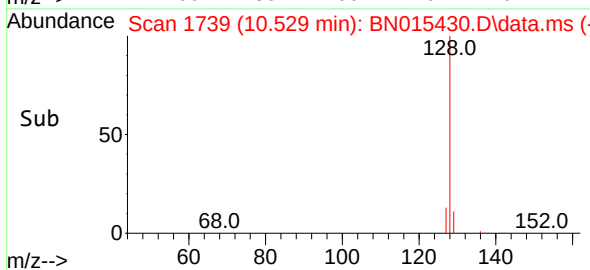
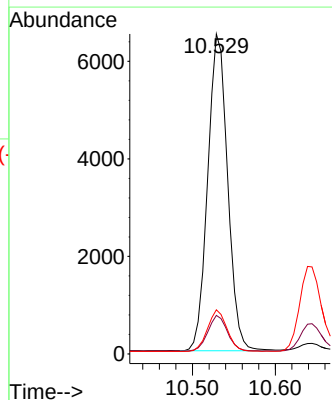
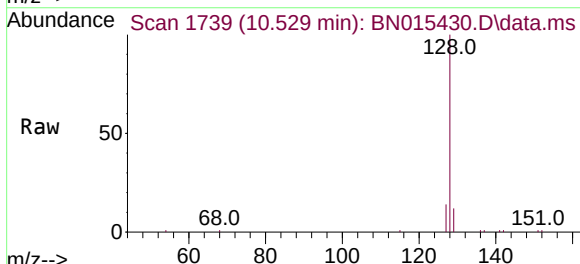
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BNA_N
ClientSampleId :
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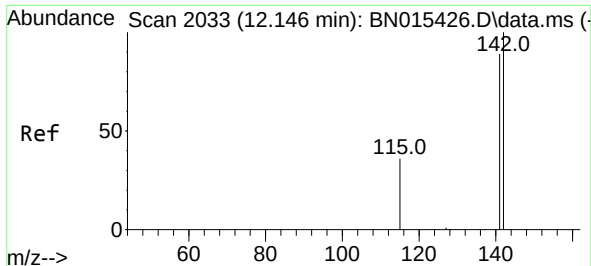
Tgt Ion: 88	Resp: 6455
Ion Ratio	Lower Upper
88 100	
43 26.0	24.9 37.3
58 62.6	43.4 65.0



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion: 128	Resp: 10873
Ion Ratio	Lower Upper
128 100	
129 12.1	9.3 13.9
127 13.8	10.8 16.2

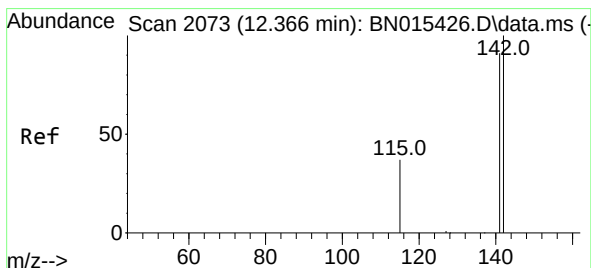
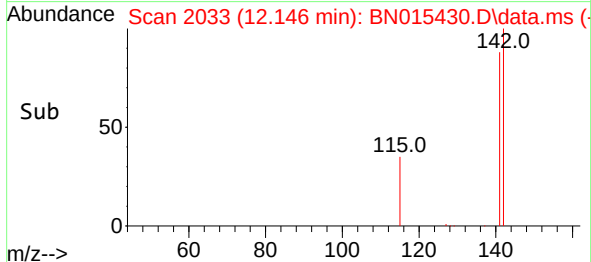
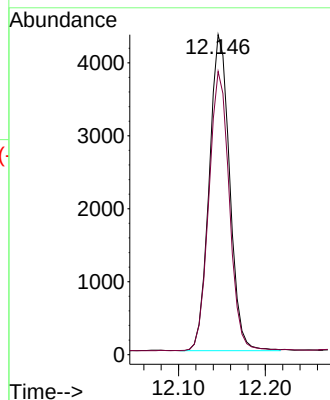
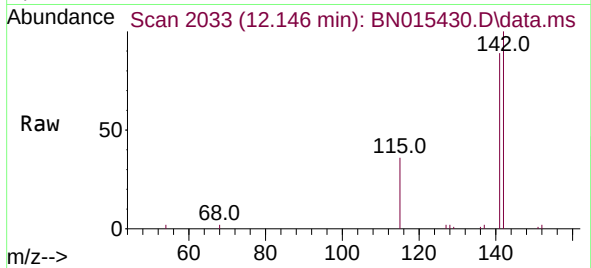




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

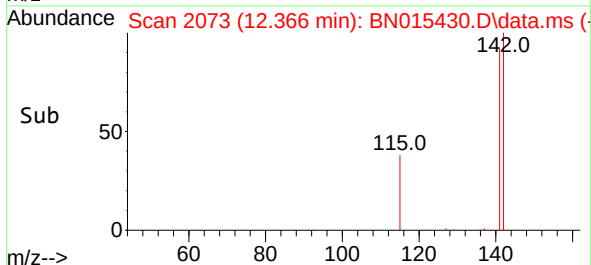
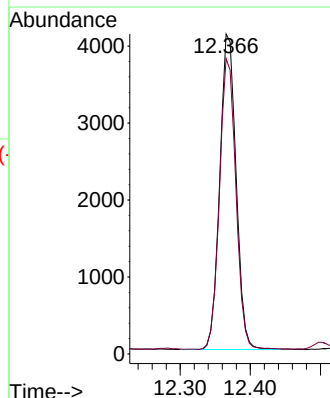
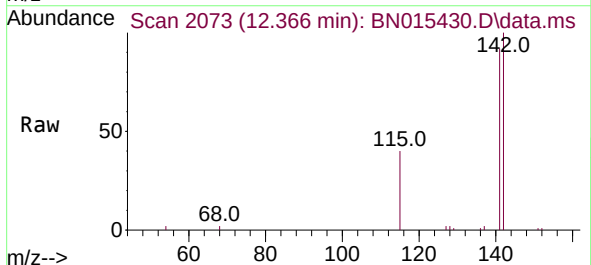
Instrument :
BNA_N
ClientSampled :
SLCS438

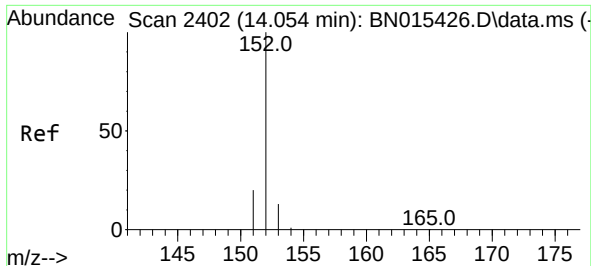
Tgt Ion:142 Resp: 7065
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:142 Resp: 6614
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

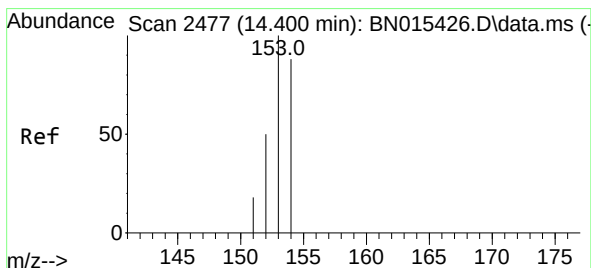
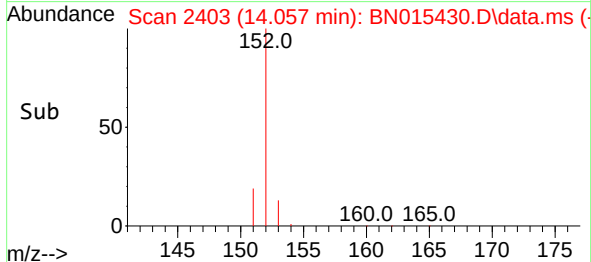
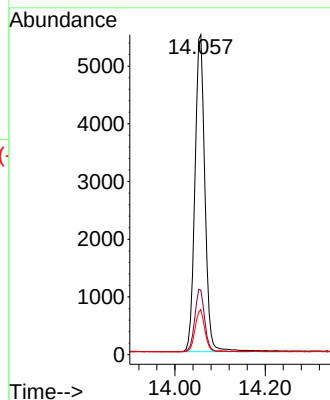
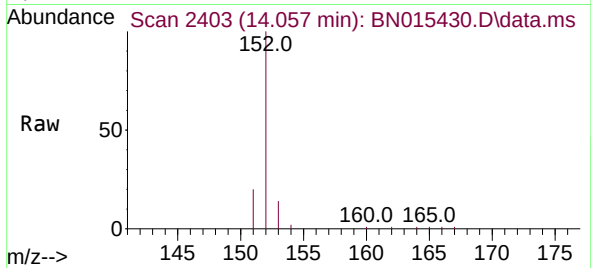




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

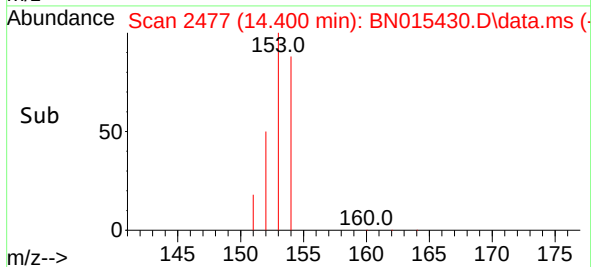
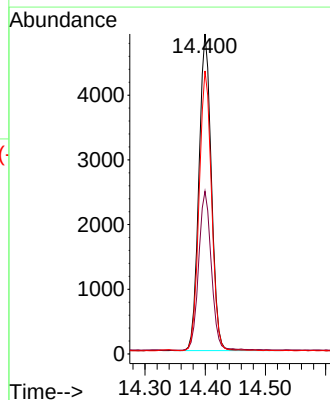
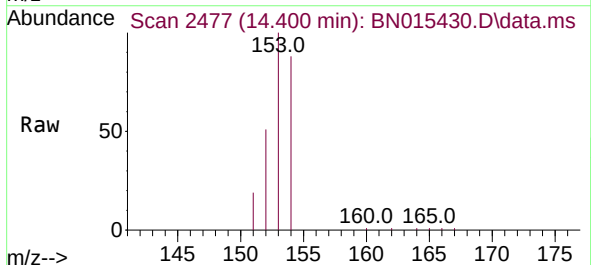
Instrument :
BNA_N
ClientSampleId :
SLCS438

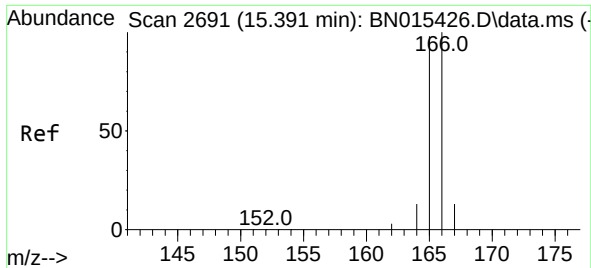
Tgt Ion:152	Resp: 8492
Ion Ratio	Lower Upper
152	100
151	20.1 16.0 24.0
153	14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:153	Resp: 7021
Ion Ratio	Lower Upper
153	100
152	50.8 39.8 59.6
154	88.4 69.8 104.8

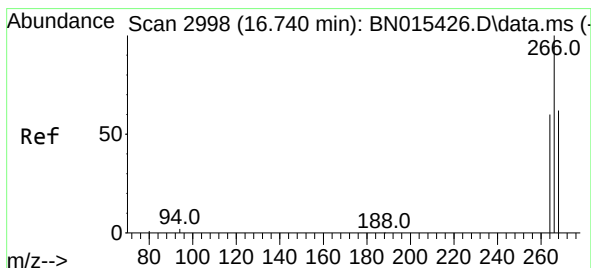
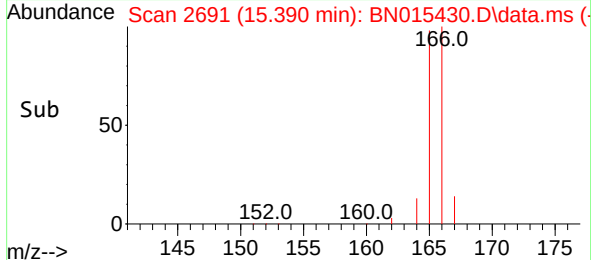
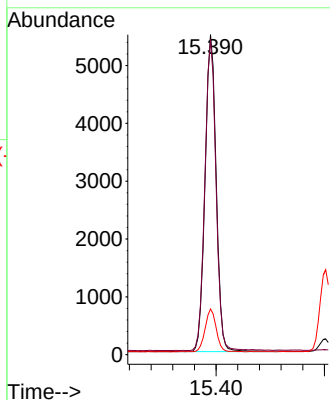
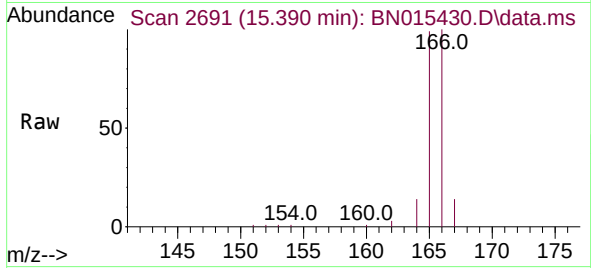




#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

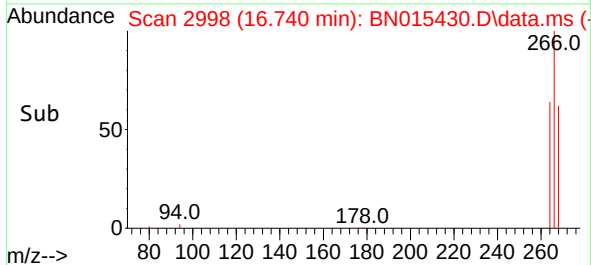
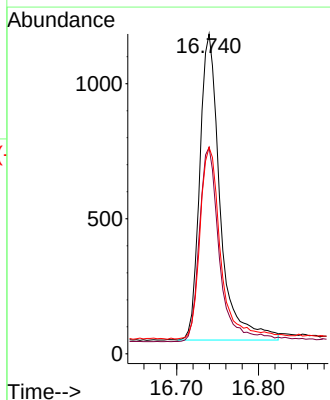
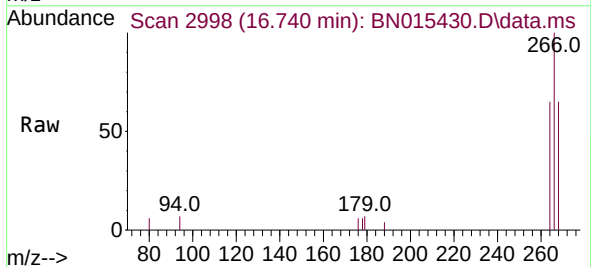
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BNA_N
ClientSampleId :
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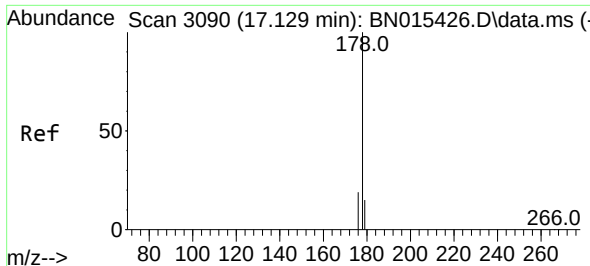
Tgt Ion:	166	Resp:	7815
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.8	116.8
167	14.3	11.2	16.8



#14
Pentachlorophenol
Concen: 0.863 ng/ul
RT: 16.740 min Scan# 2998
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:	266	Resp:	1962
Ion Ratio	Lower	Upper	
266	100		
264	62.7	50.2	75.2
268	63.6	51.8	77.6

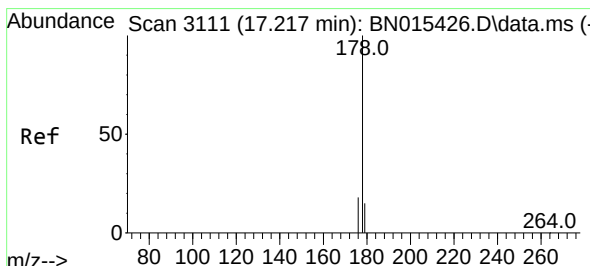
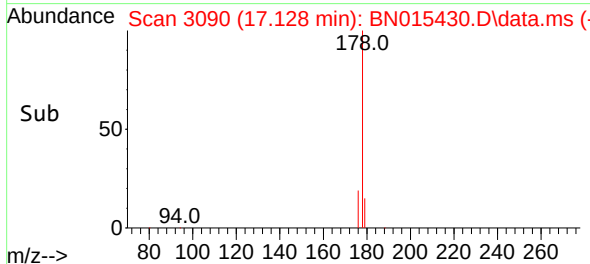
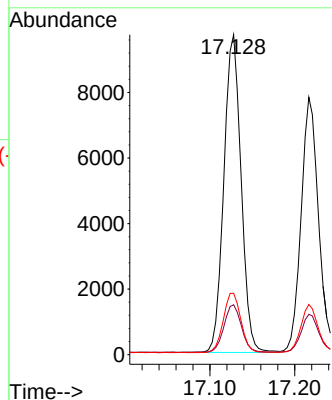
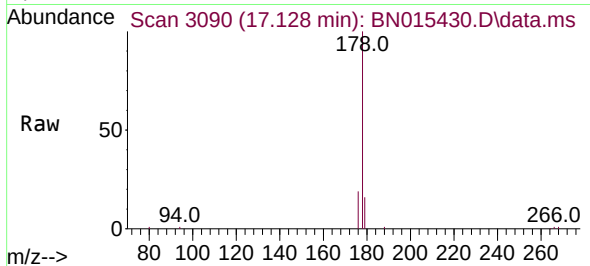




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

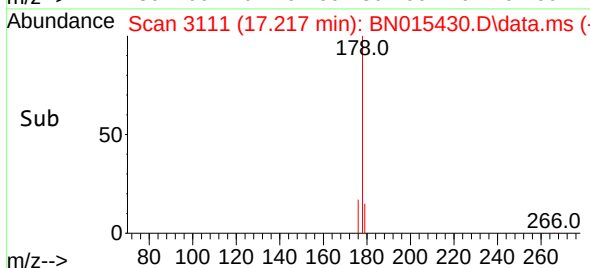
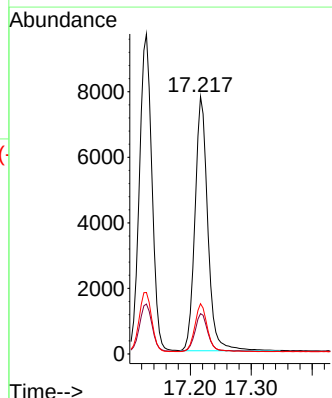
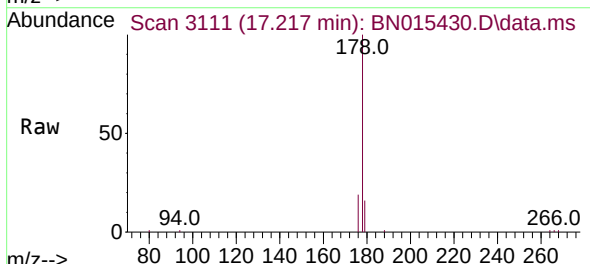
Instrument :
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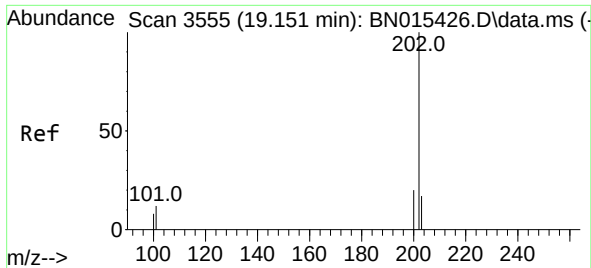
Tgt Ion:178	Resp:	13672
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	19.2	15.5 23.3



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:178	Resp:	11335
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.8 19.2
176	19.5	15.2 22.8

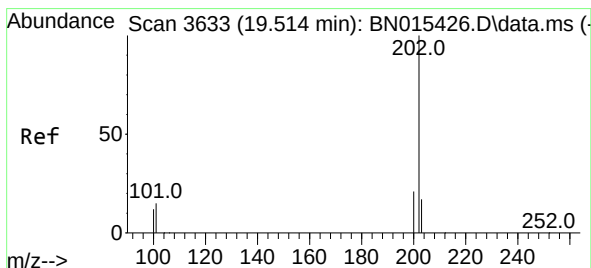
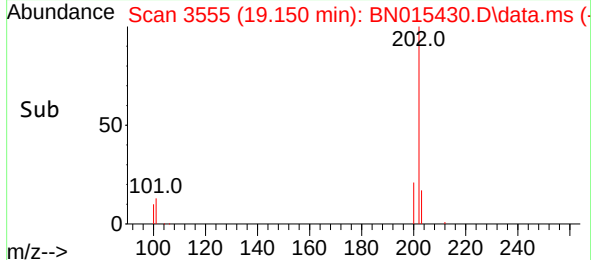
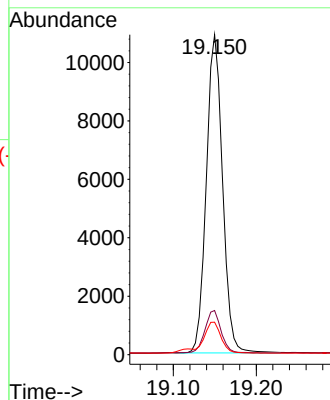
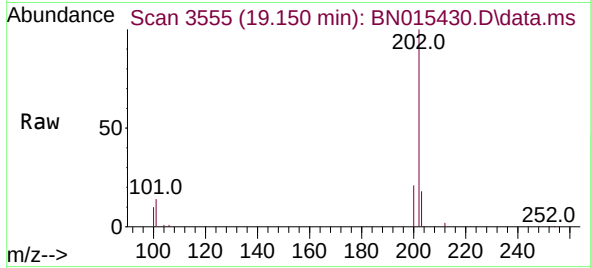




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. -0.000 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

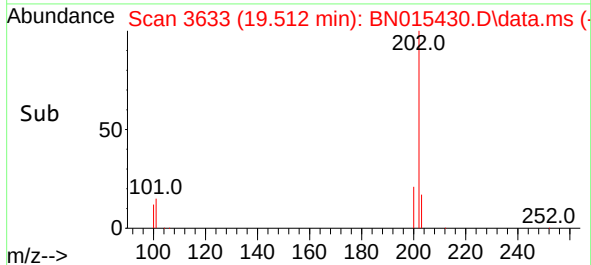
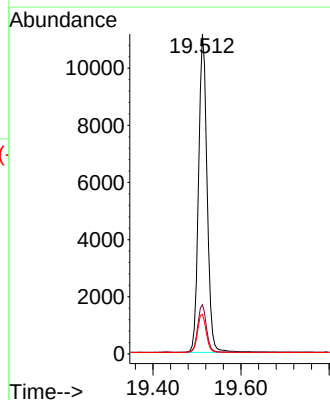
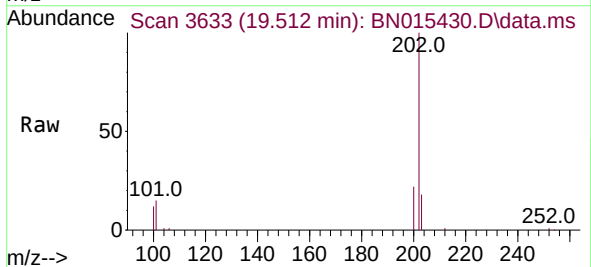
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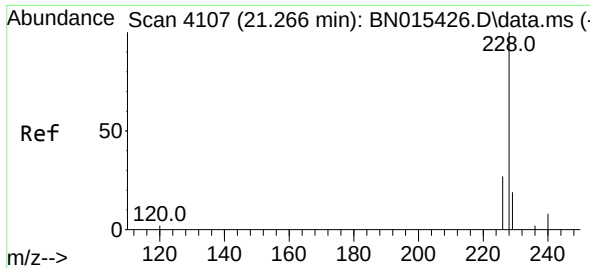
Tgt Ion:202 Resp: 14842
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 10.1 7.4 11.0



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:202 Resp: 15021
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.4 9.6 14.4

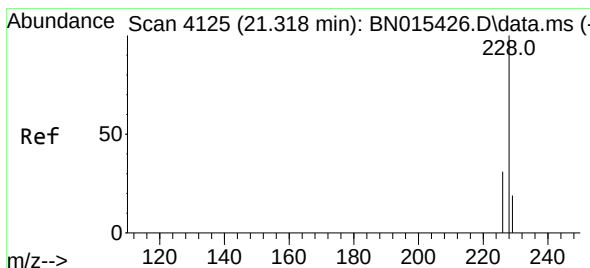
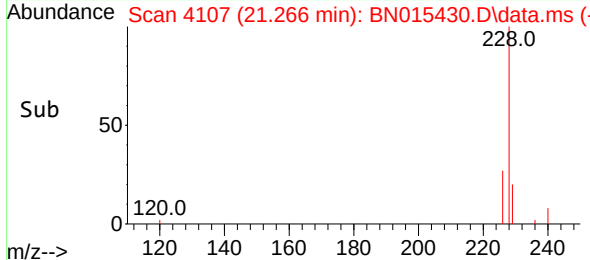
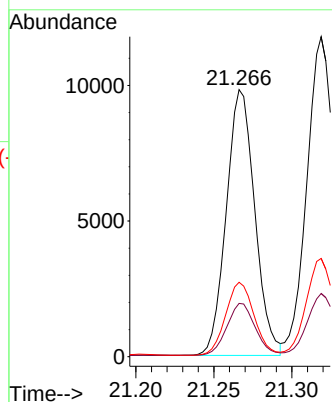
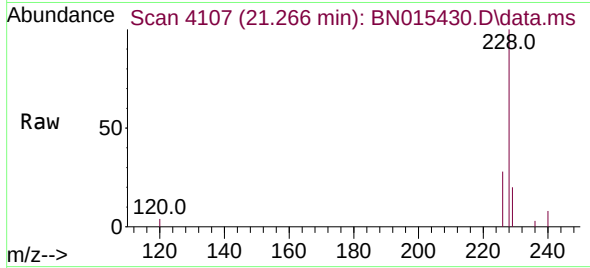




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

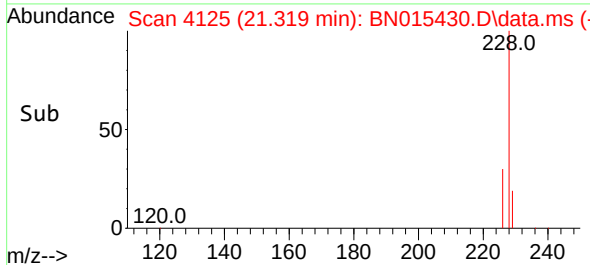
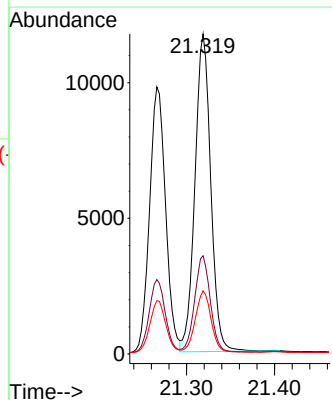
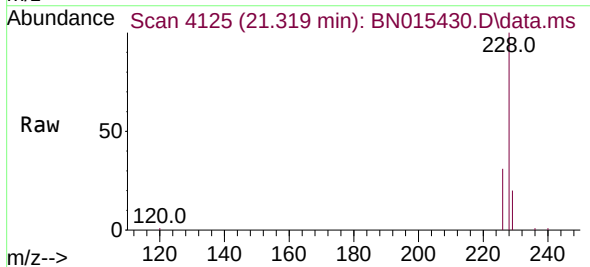
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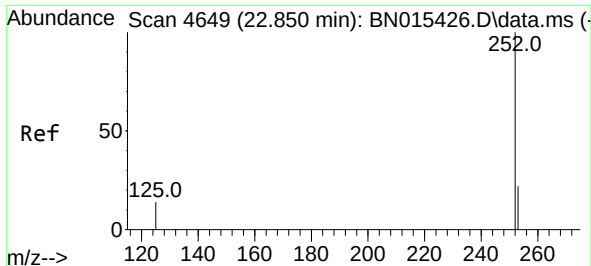
Tgt Ion:228	Resp:	12457
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.8 23.8
226	27.9	21.8 32.8



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:228	Resp:	14649
Ion Ratio	Lower	Upper
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226	30.7	24.6 37.0
229	19.7	15.7 23.5

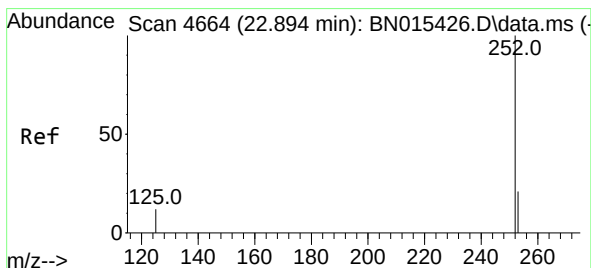
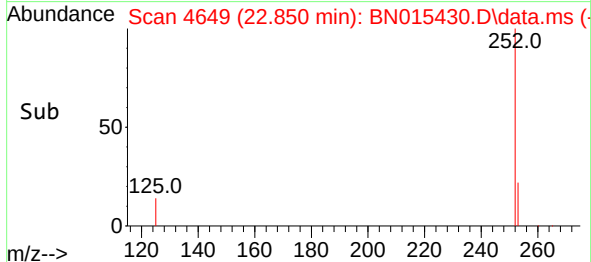
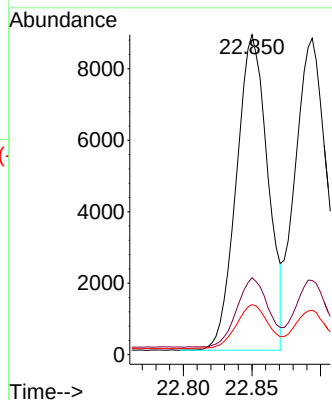
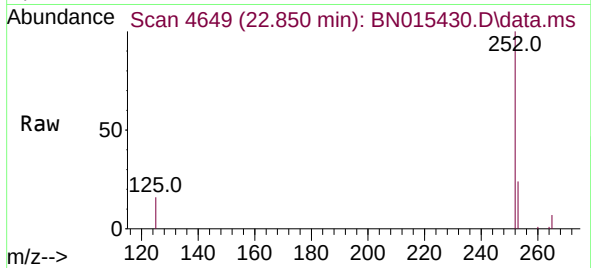




#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 22.850 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

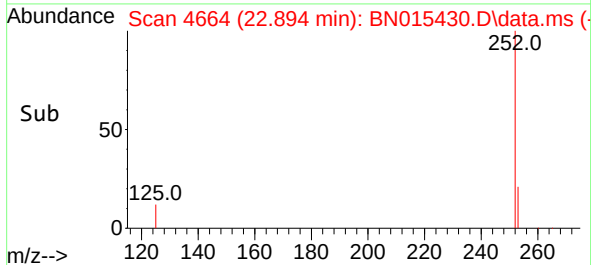
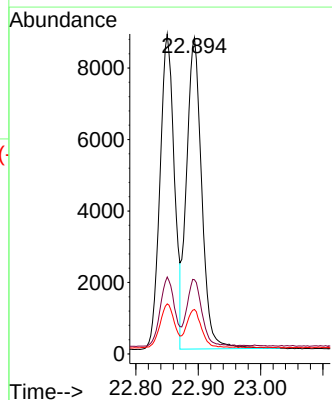
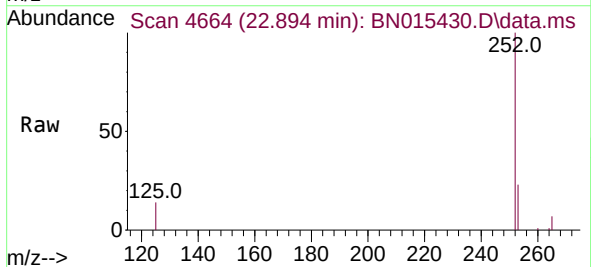
Instrument :
BNA_N
ClientSampled :
SLCS438

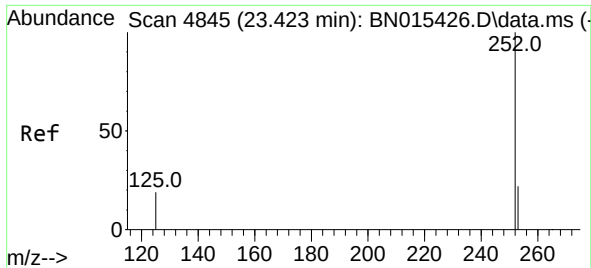
Tgt Ion:252 Resp: 14046
Ion Ratio Lower Upper
252 100
253 24.0 0.0 45.6
125 15.7 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.894 min Scan# 4664
Delta R.T. -0.006 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:252 Resp: 14710
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 14.1 11.5 17.3

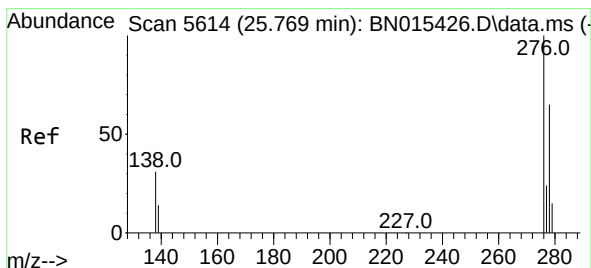
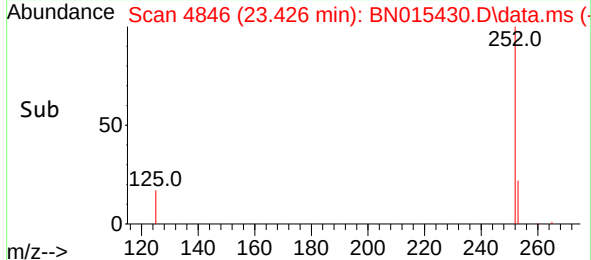
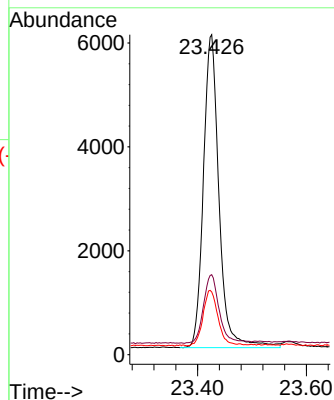
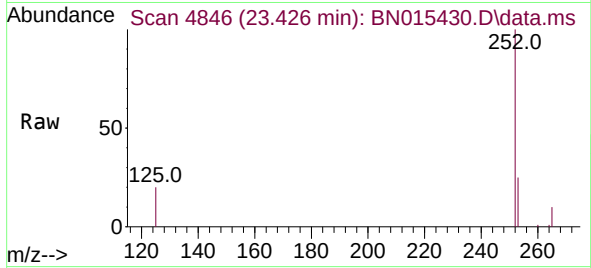




#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.426 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

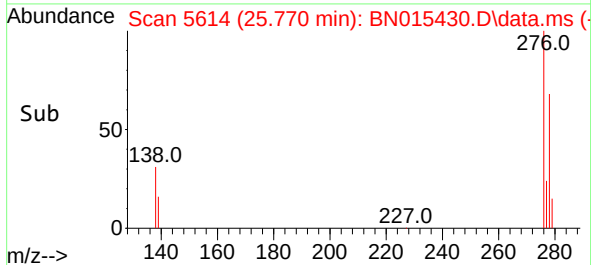
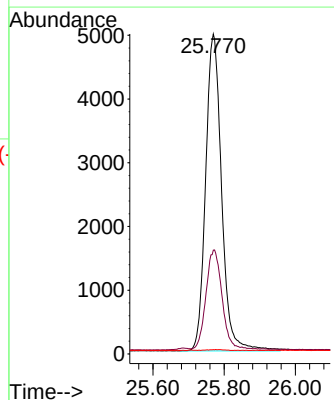
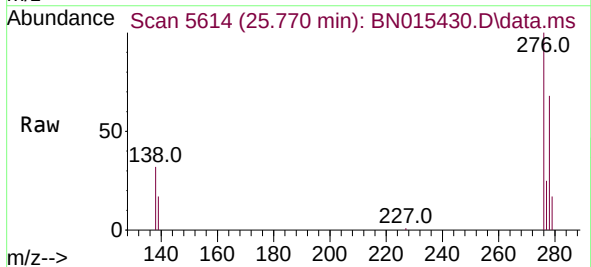
Instrument :
BNA_N
ClientSampleId :
SLCS438

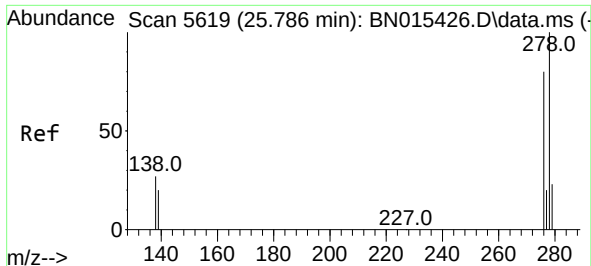
Tgt Ion:252	Resp:	12004
Ion Ratio	Lower	Upper
252	100	
253	25.0	18.9 28.3
125	19.6	13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.461 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:276	Resp:	15493
Ion Ratio	Lower	Upper
276	100	
138	31.8	26.3 39.5
227	0.2	0.1 0.1#

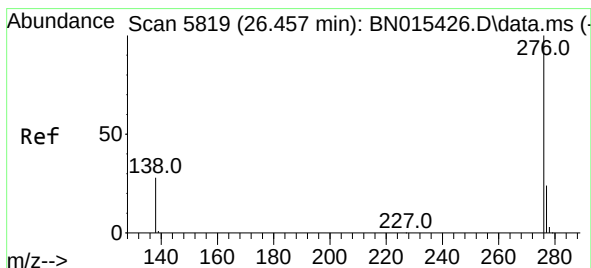
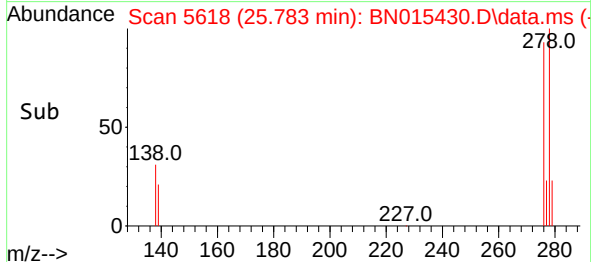
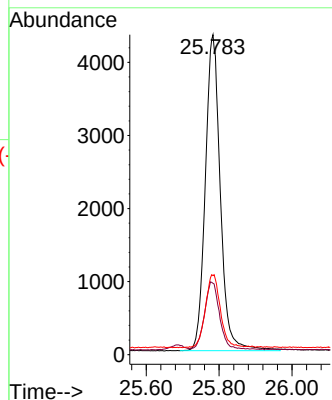
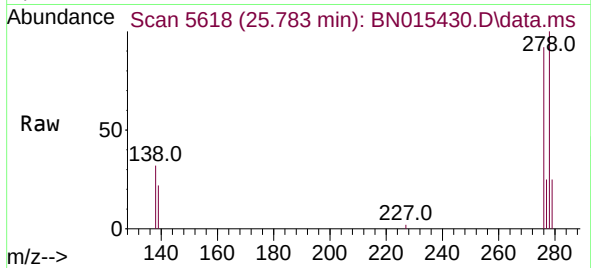




#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 25.783 min Scan# 5618
Delta R.T. -0.007 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Instrument :
BNA_N
ClientSampleId :
SLCS438

Tgt Ion:278 Resp: 12377
Ion Ratio Lower Upper
278 100
139 22.3 18.9 28.3
279 24.7 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 26.454 min Scan# 5818
Delta R.T. -0.010 min
Lab File: BN015430.D
Acq: 09 Jul 2021 04:52

Tgt Ion:276 Resp: 13240
Ion Ratio Lower Upper
276 100
138 29.0 23.0 34.4
277 24.7 19.3 28.9

