

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015453.D
 Acq On : 09 Jul 2021 19:25
 Operator : CG/JU
 Sample : M2854-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW6

Manual Integrations
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 7/12/2021 9:33:05 AM

Quant Time: Jul 10 00:28:16 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	2897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	10247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.340	164	5465	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	11020	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	9115	0.400	ng/ul	0.00
23) Perylene-d12	23.523	264	8034	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	5770	1.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	2366	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	5523	0.184	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	57632	1.763	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	2107	0.099	ng/ul	98
8) 1-Methylnaphthalene	12.366	142	3886	0.188	ng/ul	99
10) Acenaphthylene	14.057	152	4600	0.163	ng/ul#	95
11) Acenaphthene	14.400	153	5969	0.276	ng/ul	99
12) Fluorene	15.390	166	8190	0.342	ng/ul	98
15) Phenanthrene	17.128	178	88550	2.214	ng/ul	100
16) Anthracene	17.217	178	32513	0.922	ng/ul	100
19) Fluoranthene	19.150	202	138614	3.291	ng/ul	99
20) Pyrene	19.512	202	70117	1.660	ng/ul	99
21) Benzo(a)anthracene	21.266	228	68490	2.028	ng/ul	96
22) Chrysene	21.319	228	59469	1.471	ng/ul	98
24) Benzo(b)fluoranthene	22.853	252	59998m	1.599	ng/ul	
25) Benzo(k)fluoranthene	22.894	252	23121m	0.546	ng/ul	
26) Benzo(a)pyrene	23.426	252	16192	0.514	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.770	276	12209	0.321	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.776	278	6332	0.212	ng/ul#	86

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

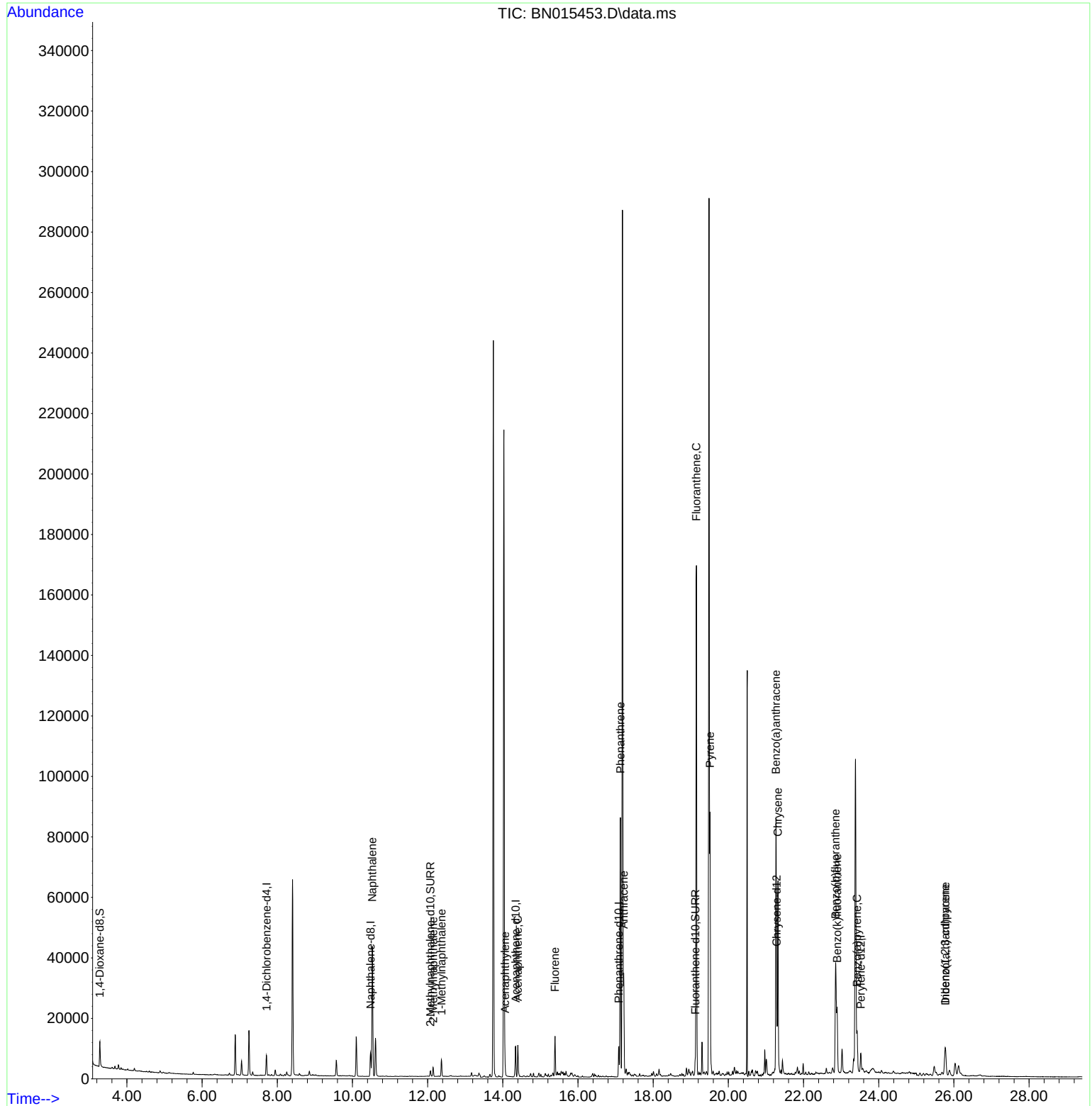
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
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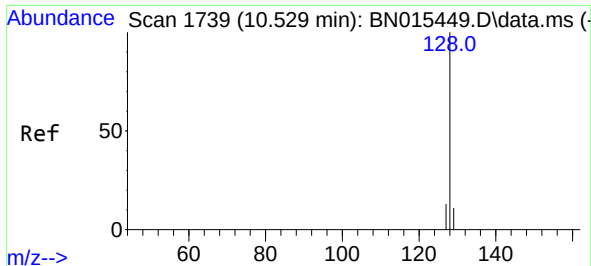
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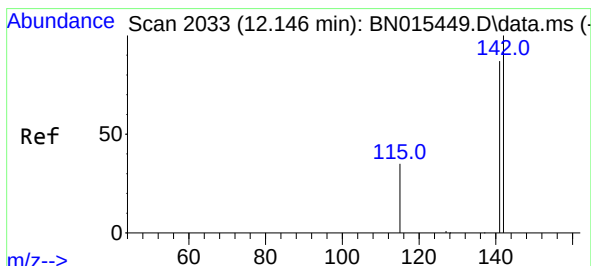
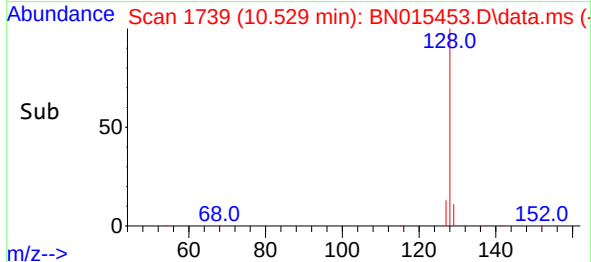
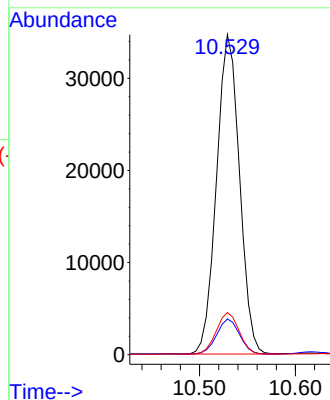
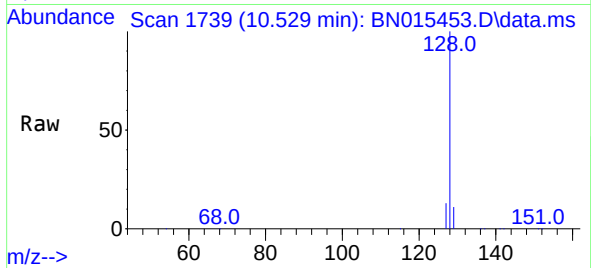
#5
Naphthalene
Concen: 1.763 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:	128	Resp:	57632
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.3	13.9
127	13.2	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
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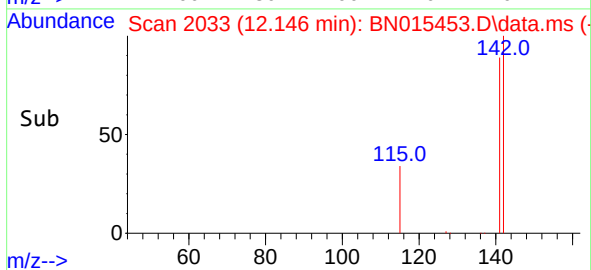
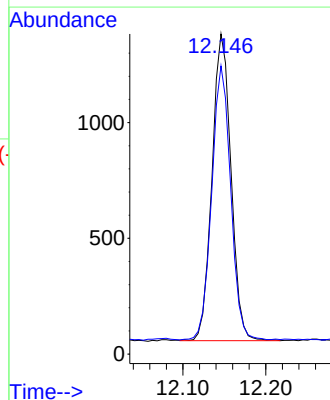
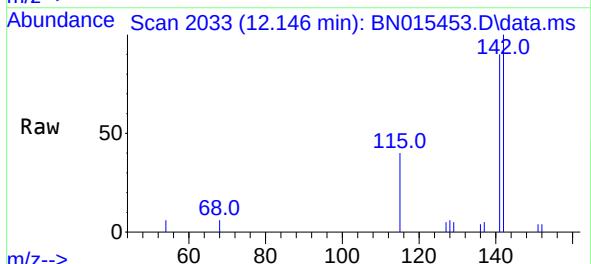
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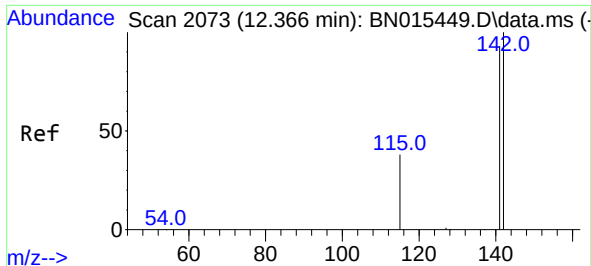
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#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

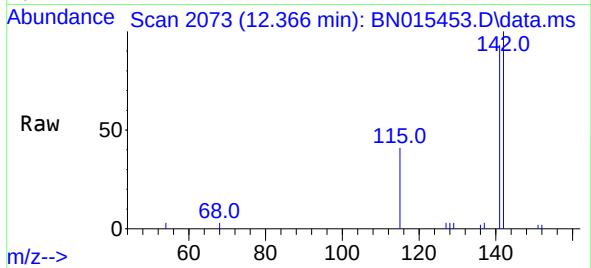
Tgt Ion:	142	Resp:	2107
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.3	105.5



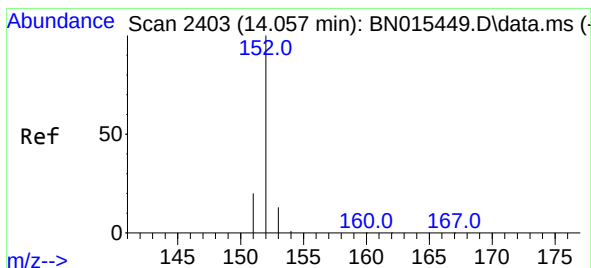
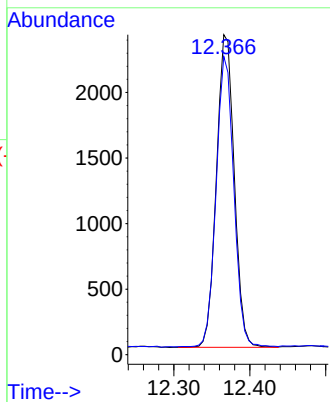
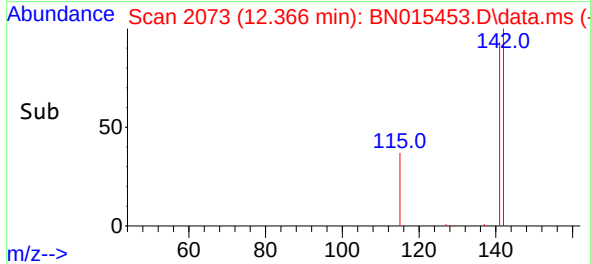


#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

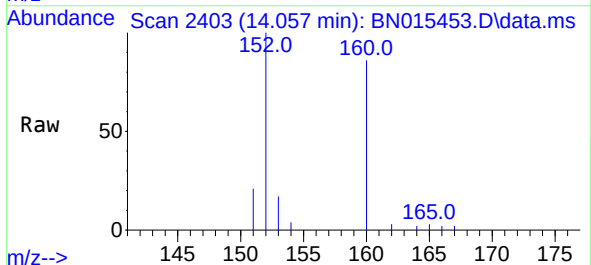
Instrument :
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ClientSampled :
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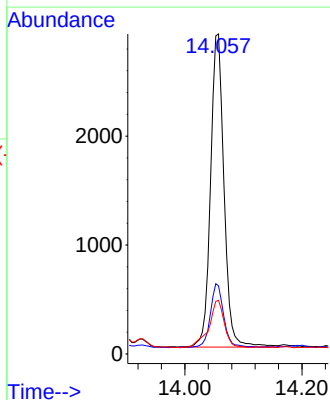
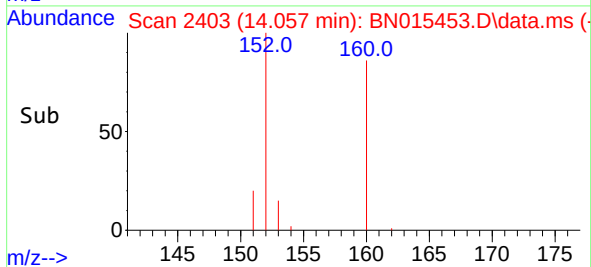
Tgt Ion:142 Resp: 3886
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

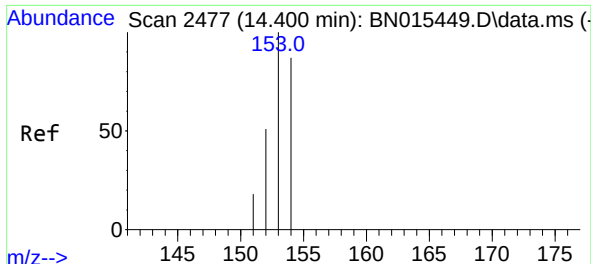


#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

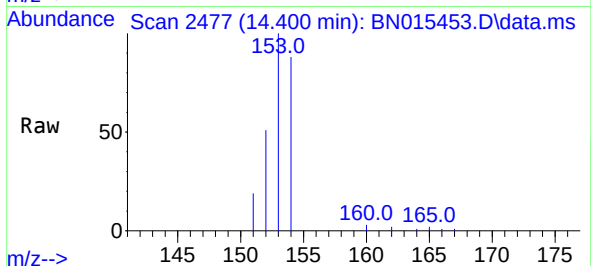


Tgt Ion:152 Resp: 4600
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 16.8 10.9 16.3#

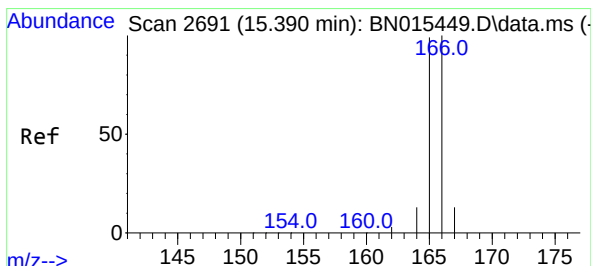
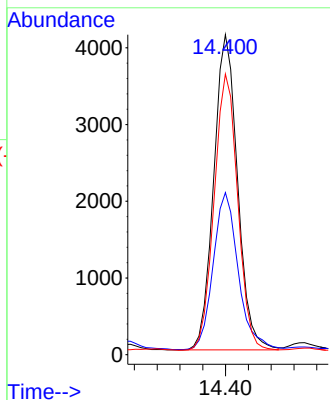
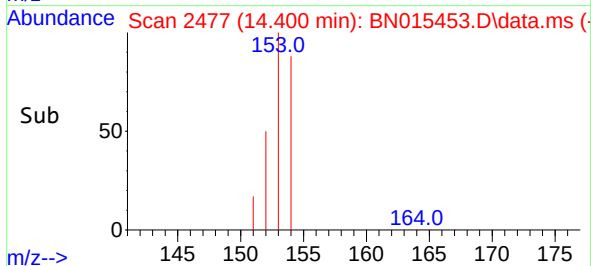




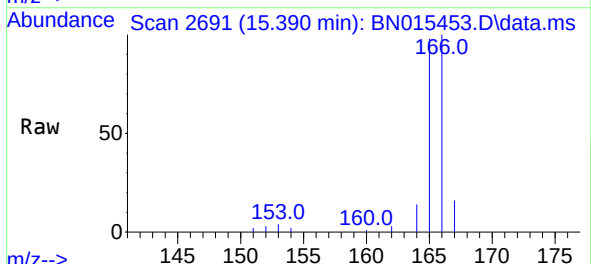
#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25



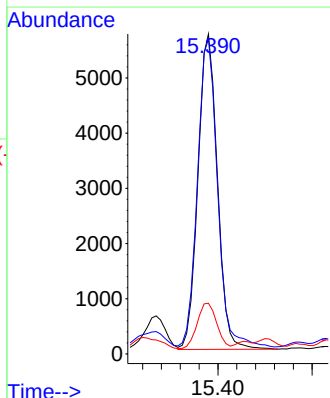
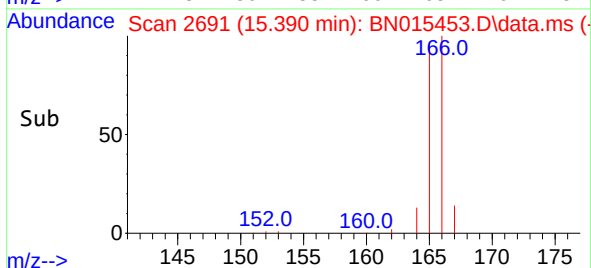
Tgt Ion:153 Resp: 5969
Ion Ratio Lower Upper
153 100
152 50.6 39.8 59.6
154 87.7 69.8 104.8



#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25



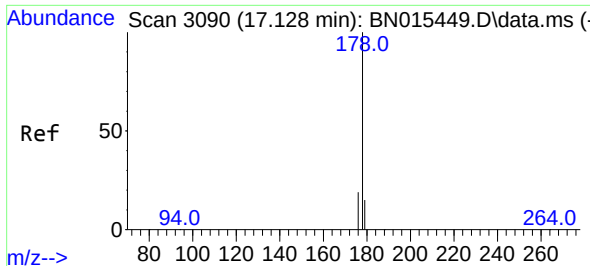
Tgt Ion:166 Resp: 8190
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.8
167 15.8 11.2 16.8



Instrument :
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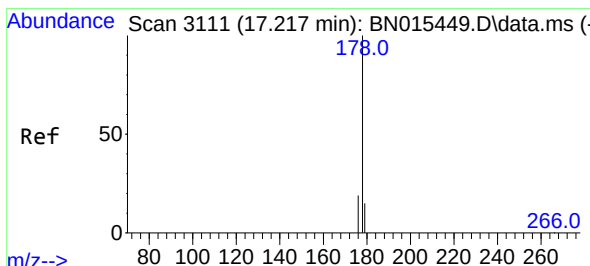
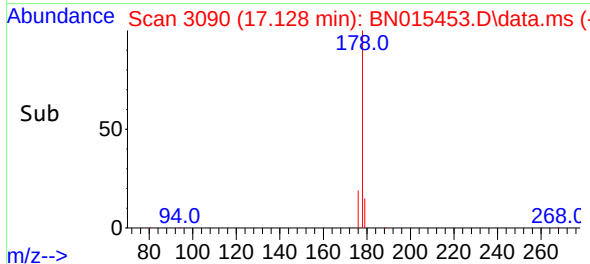
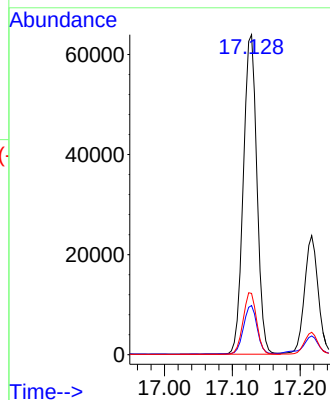
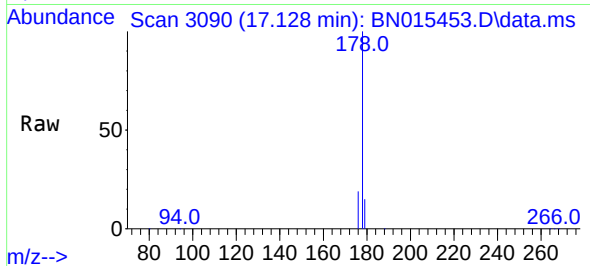
#15
Phenanthrene
Concen: 2.214 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:178 Resp: 88550
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGDW6

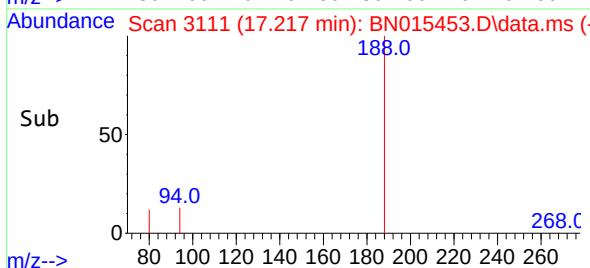
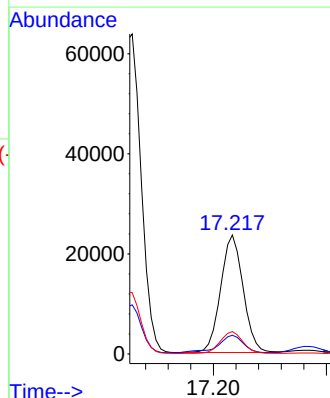
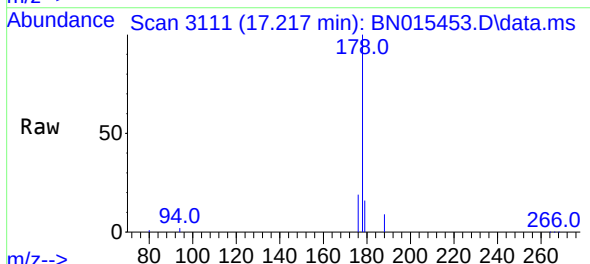
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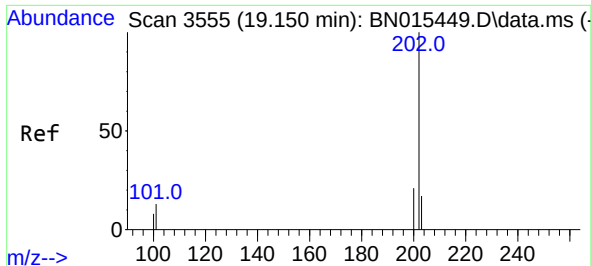
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#16
Anthracene
Concen: 0.922 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:178 Resp: 32513
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 18.9 15.2 22.8





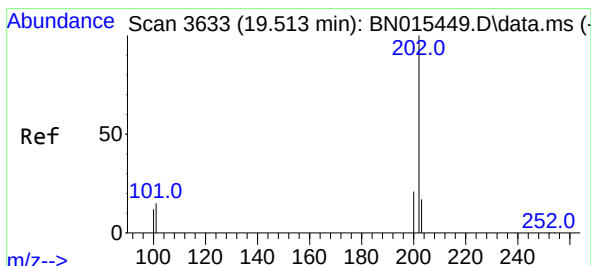
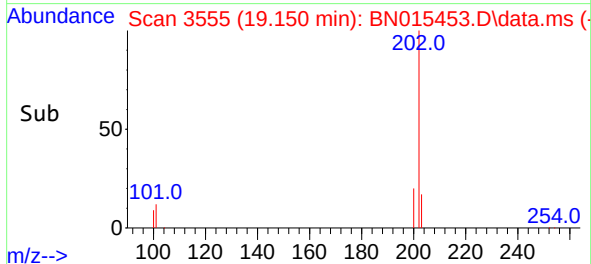
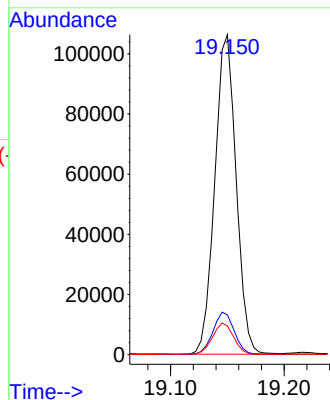
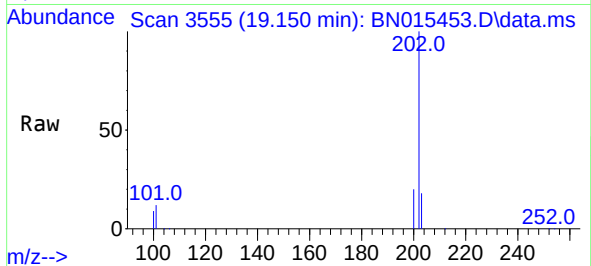
#19
Fluoranthene
Concen: 3.291 ng/u1
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:202 Resp: 138614
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.0 7.4 11.0

Instrument :
BNA_N
ClientSampleId :
BGDW6

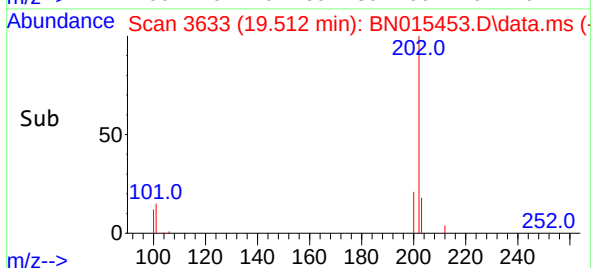
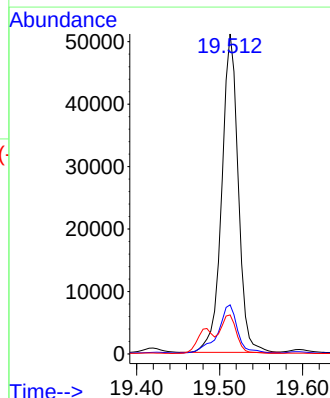
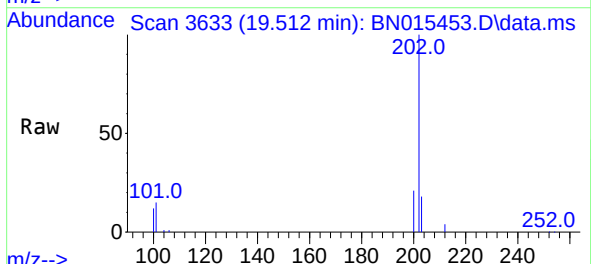
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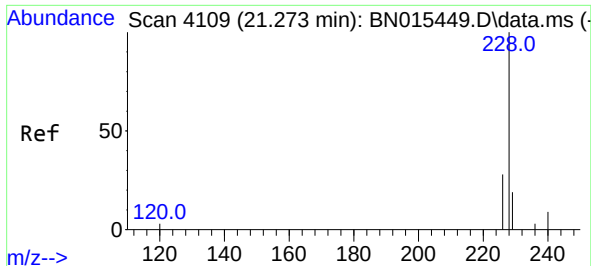
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#20
Pyrene
Concen: 1.660 ng/u1
RT: 19.512 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:202 Resp: 70117
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.2 9.6 14.4





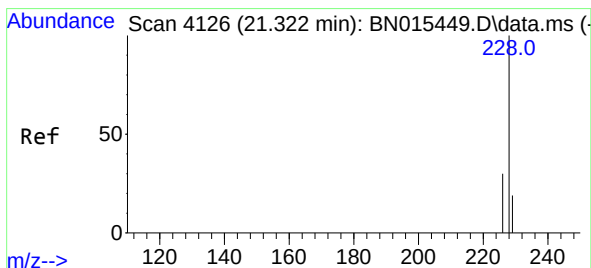
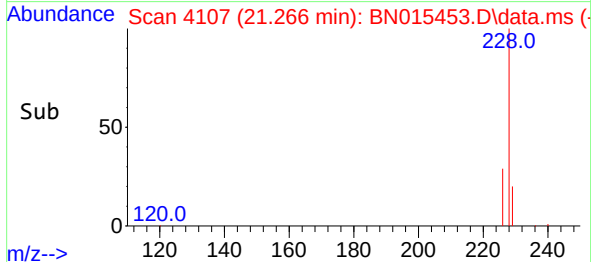
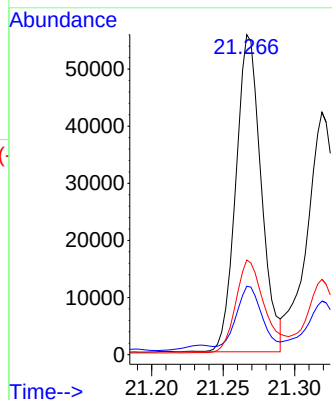
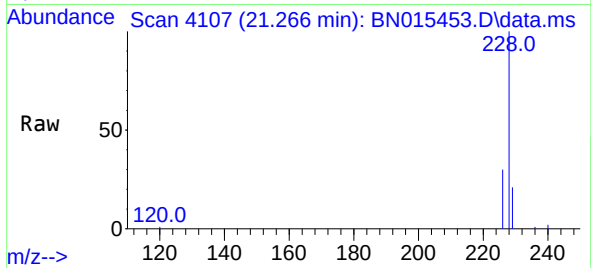
#21
Benzo(a)anthracene
Concen: 2.028 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:228	Resp:	68490
Ion Ratio	Lower	Upper
228	100	
229	21.4	15.8 23.8
226	29.6	21.8 32.8

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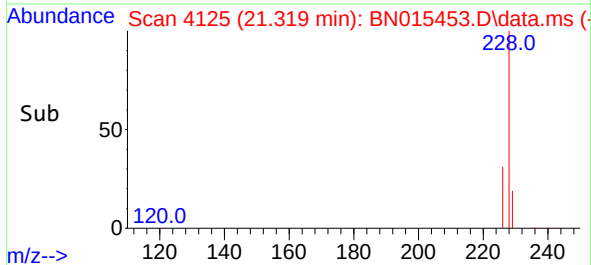
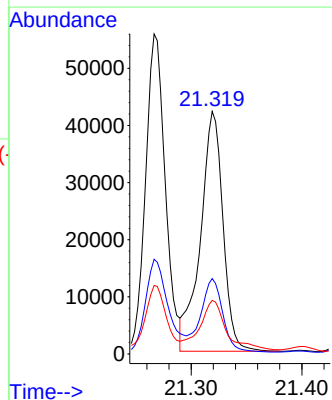
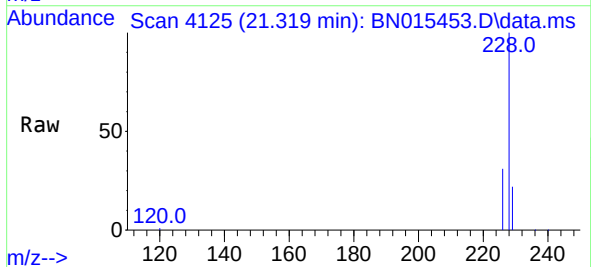
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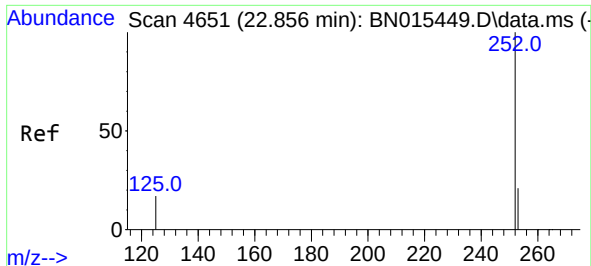
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#22
Chrysene
Concen: 1.471 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015453.D
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Tgt Ion:228	Resp:	59469
Ion Ratio	Lower	Upper
228	100	
226	31.0	24.6 37.0
229	22.1	15.7 23.5





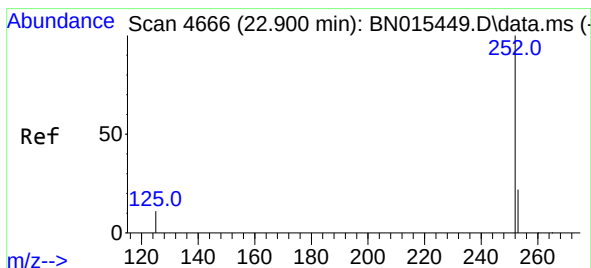
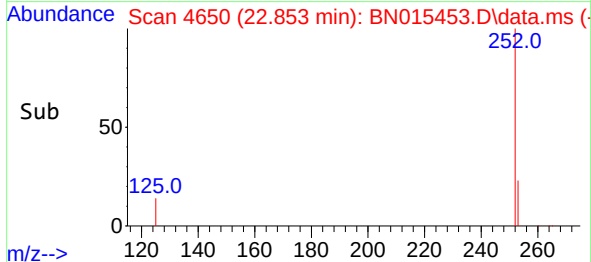
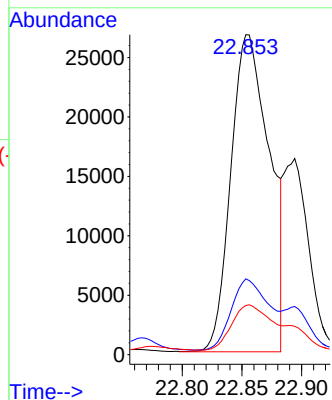
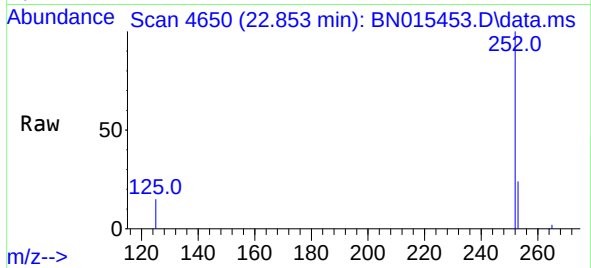
#24
Benzo(b)fluoranthene
Concen: 1.599 ng/ul m
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:252	Resp:	59998
Ion Ratio	Lower	Upper
252	100	
253	23.7	0.0 45.6
125	15.3	0.0 28.4

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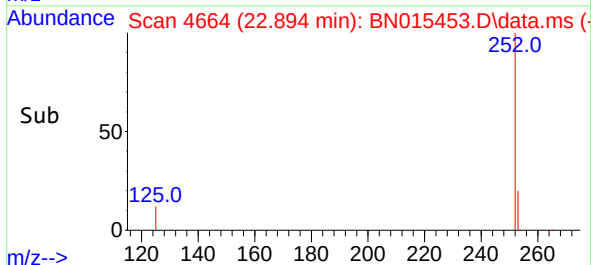
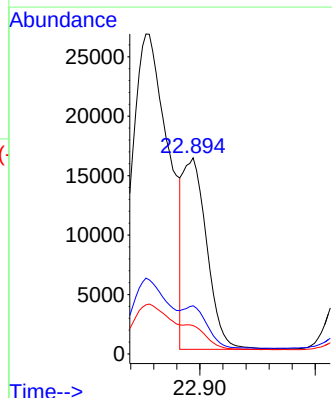
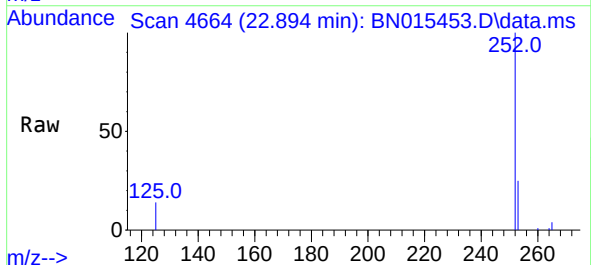
Manual Integrations
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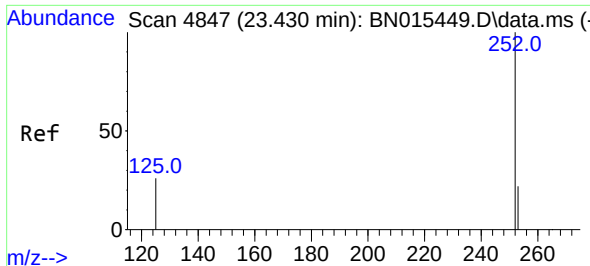
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#25
Benzo(k)fluoranthene
Concen: 0.546 ng/ul m
RT: 22.894 min Scan# 4664
Delta R.T. -0.006 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:252	Resp:	23121
Ion Ratio	Lower	Upper
252	100	
253	24.5	18.1 27.1
125	14.5	11.5 17.3





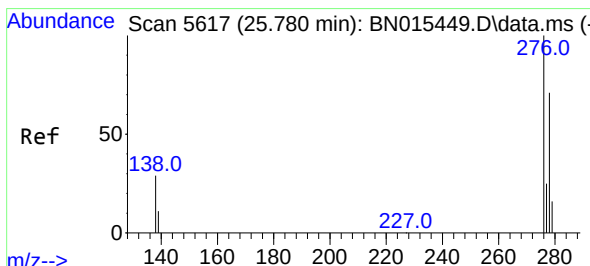
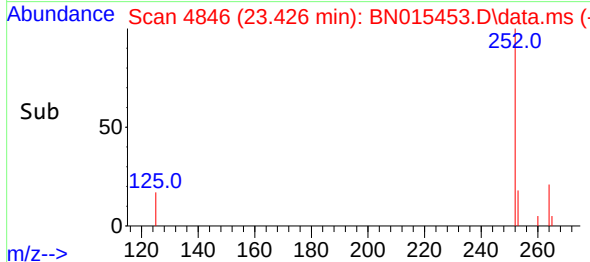
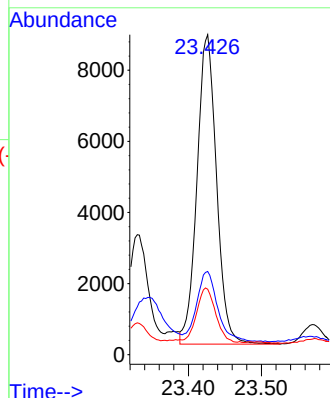
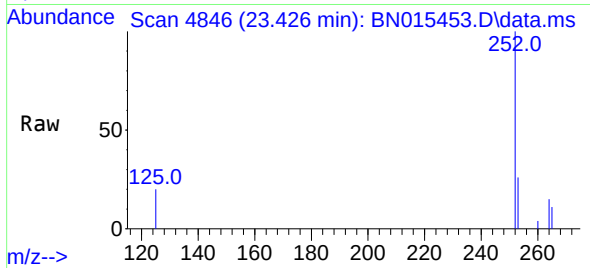
#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.426 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:	252	Resp:	16192
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.9	28.3
125	20.5	13.5	20.3#

Instrument :
BNA_N
ClientSampled :
BGDW6

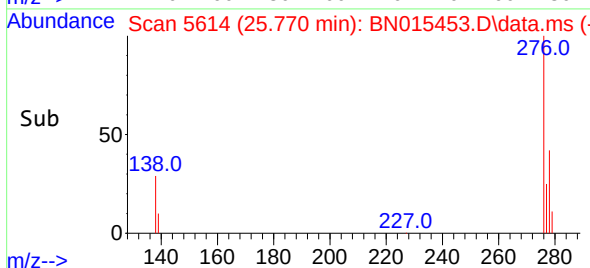
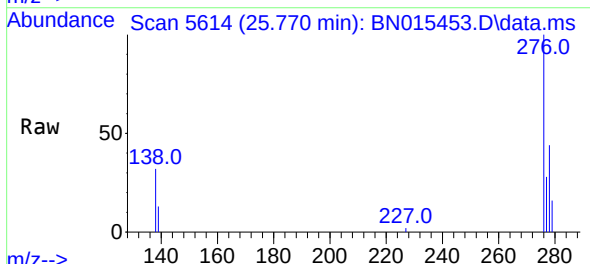
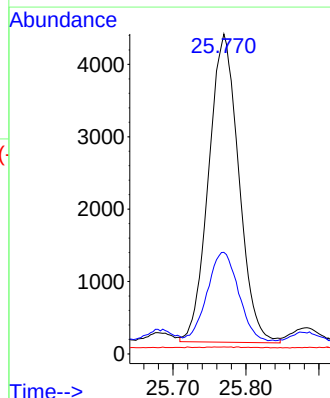
Manual Integrations
APPROVED

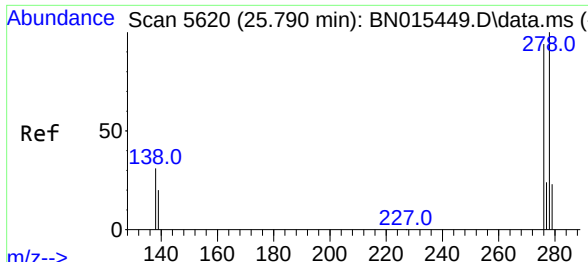
mohammad
7/12/2021 9:33:05 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.006 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion:	276	Resp:	12209
Ion Ratio	Lower	Upper	
276	100		
138	30.8	26.3	39.5
227	0.1	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.776 min Scan# 5616
Delta R.T. -0.013 min
Lab File: BN015453.D
Acq: 09 Jul 2021 19:25

Tgt Ion: 278 Resp: 6332
Ion Ratio Lower Upper
278 100
139 27.7 18.9 28.3
279 36.0 20.8 31.2#

Instrument :
BNA_N
ClientSampleId :
BGDW6

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:05 AM

