

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015457.D
 Acq On : 09 Jul 2021 21:50
 Operator : CG/JU
 Sample : M2854-09DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD2DL

Manual Integrations
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Quant Time: Jul 10 00:28:49 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	3570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	12413	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	6464	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	12757	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	11018	0.400	ng/ul	0.00
23) Perylene-d12	23.519	264	9766	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1669	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	730	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.119	212	1523	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	5159	0.130	ng/ul	97
7) 2-Methylnaphthalene	12.146	142	687	0.027	ng/ul	98
10) Acenaphthylene	14.054	152	6514	0.195	ng/ul	98
11) Acenaphthene	14.401	153	2061	0.080	ng/ul	98
12) Fluorene	15.391	166	3496	0.124	ng/ul	98
15) Phenanthrene	17.125	178	41665	0.900	ng/ul	100
16) Anthracene	17.218	178	21439	0.525	ng/ul	99
19) Fluoranthene	19.147	202	159967	3.142	ng/ul	98
20) Pyrene	19.514	202	76869	1.505	ng/ul	98
21) Benzo(a)anthracene	21.266	228	77401	1.896	ng/ul	96
22) Chrysene	21.319	228	60407	1.236	ng/ul	99
24) Benzo(b)fluoranthene	22.853	252	66292m	1.453	ng/ul	
25) Benzo(k)fluoranthene	22.888	252	30056m	0.584	ng/ul	
26) Benzo(a)pyrene	23.420	252	17697	0.462	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.763	276	14242	0.308	ng/ul	96
28) Dibenzo(a,h)anthracene	25.769	278	7589	0.209	ng/ul#	93

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

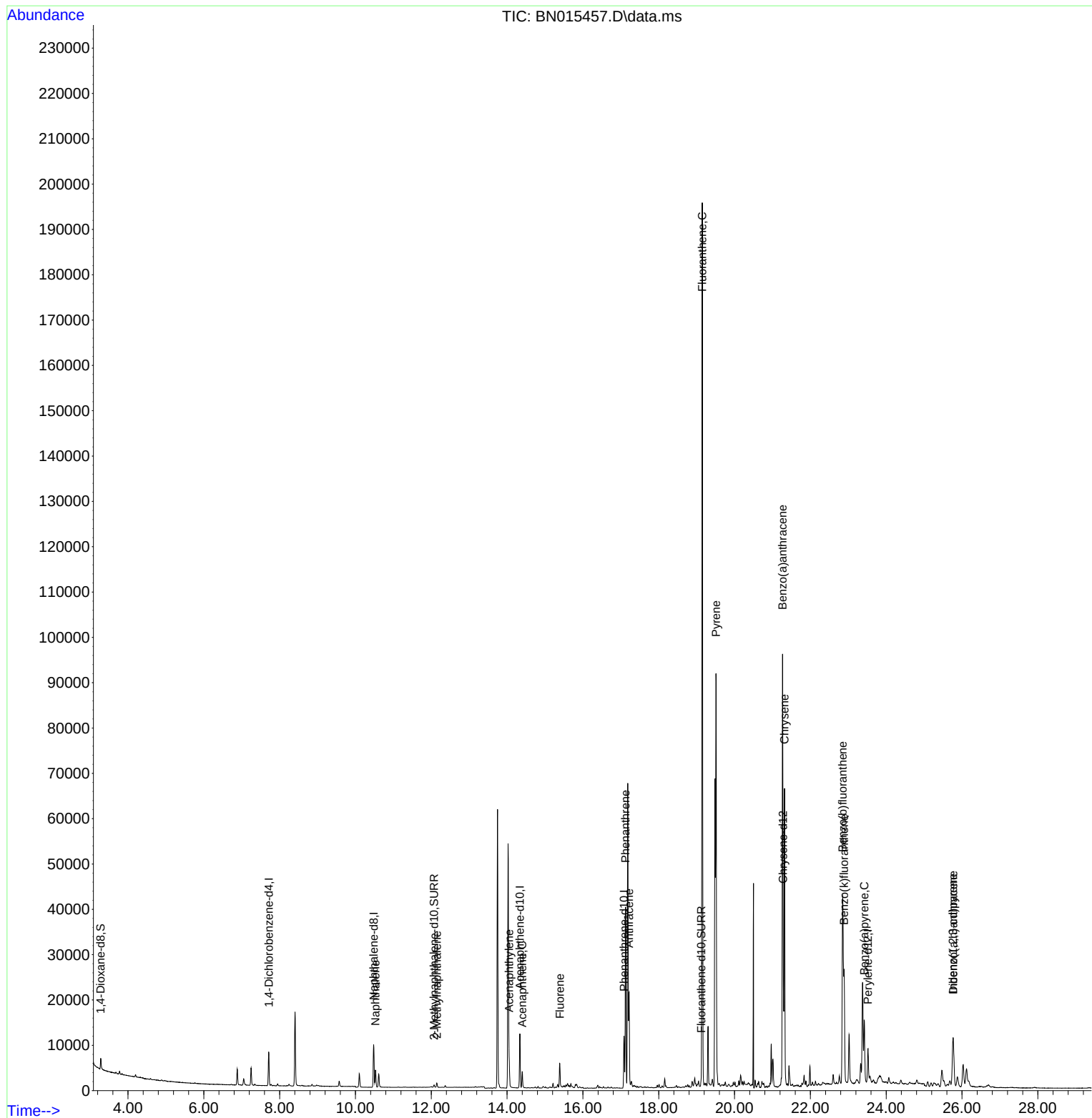
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015457.D
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ALS Vial : 10 Sample Multiplier: 1

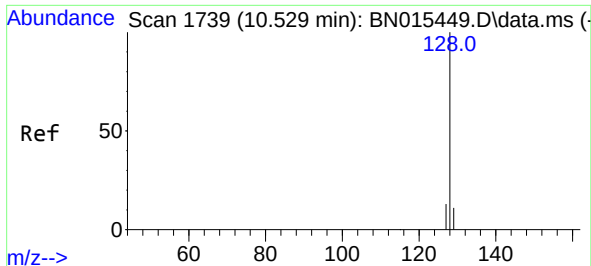
Instrument :
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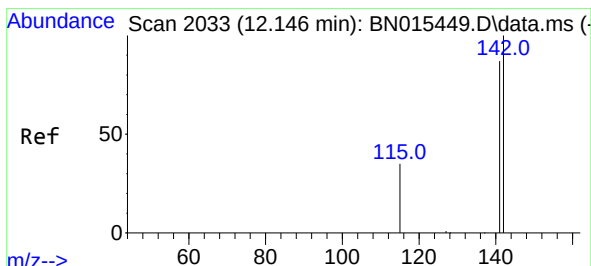
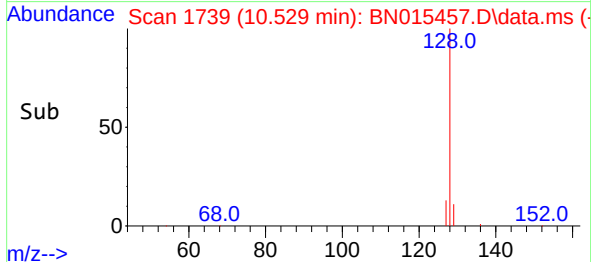
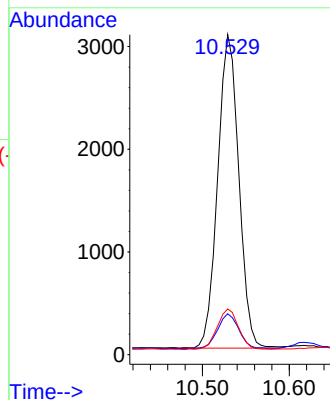
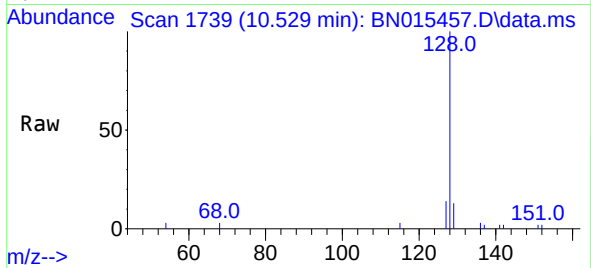
#5
Naphthalene
Concen: 0.130 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

Tgt Ion:	128	Resp:	5159
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.3	13.9
127	14.3	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDT2DL

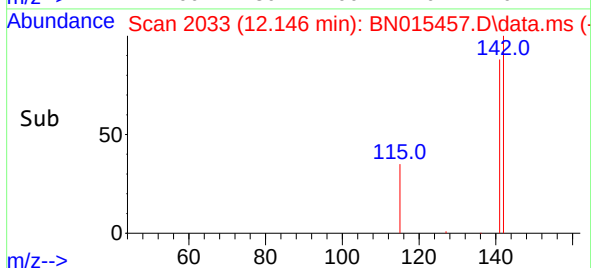
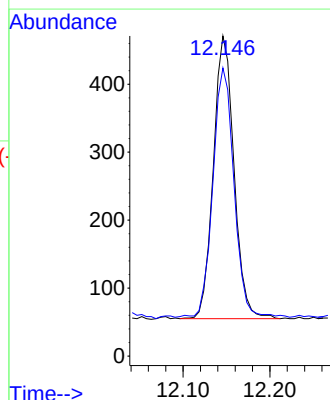
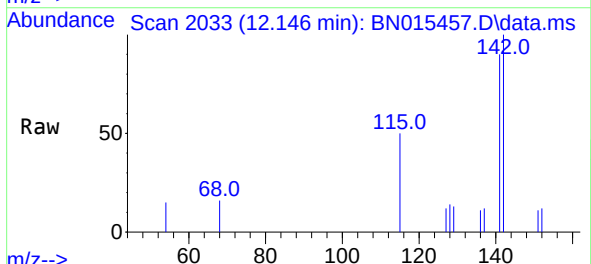
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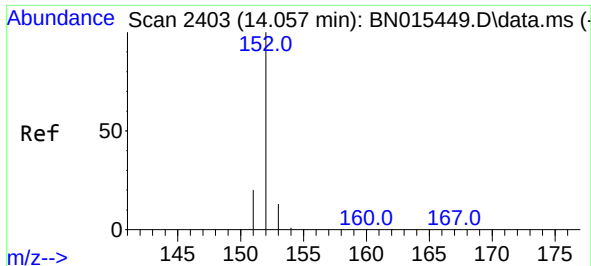
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#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

Tgt Ion:	142	Resp:	687
Ion Ratio	Lower	Upper	
142	100		
141	90.1	70.3	105.5





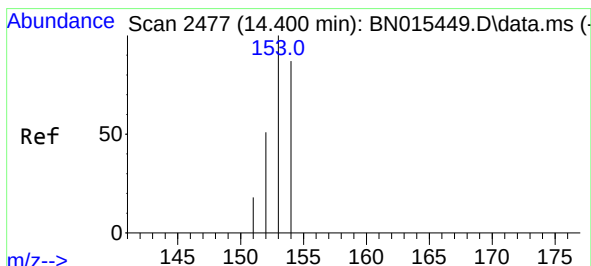
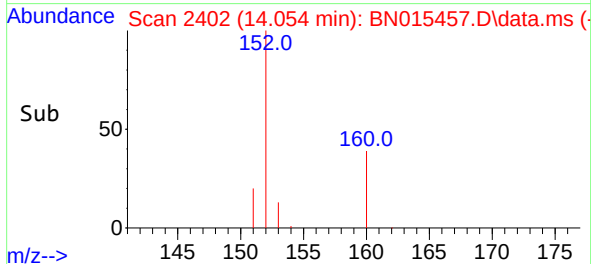
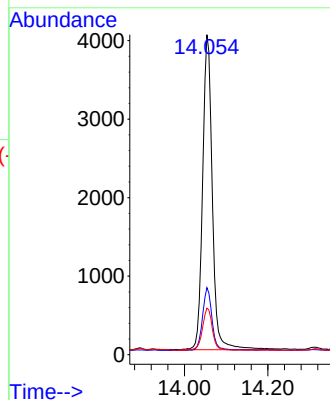
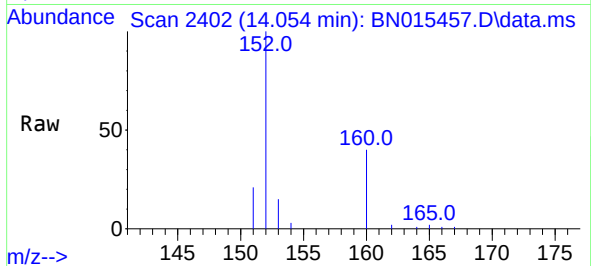
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Acenaphthylene
Concen: 0.195 ng/ul
RT: 14.054 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

Tgt Ion:	152	Resp:	6514
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.0	24.0
153	14.6	10.9	16.3

Instrument :
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ClientSampleId :
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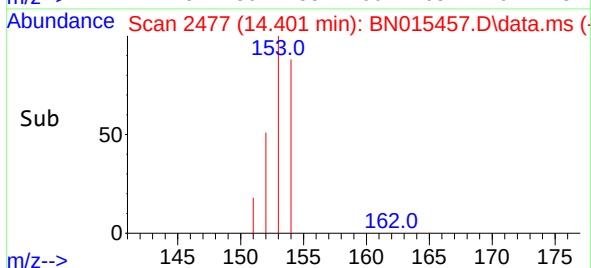
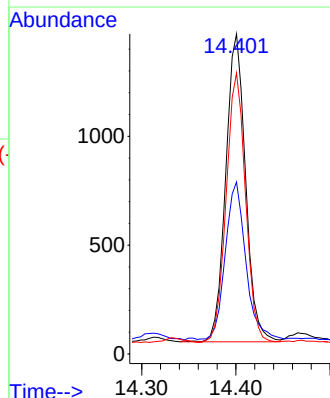
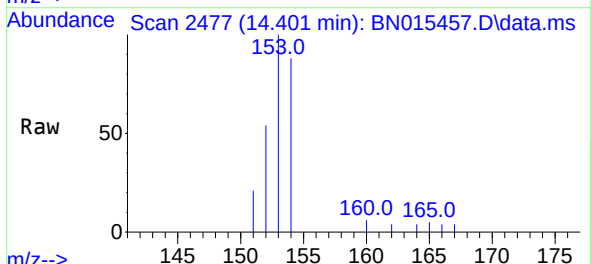
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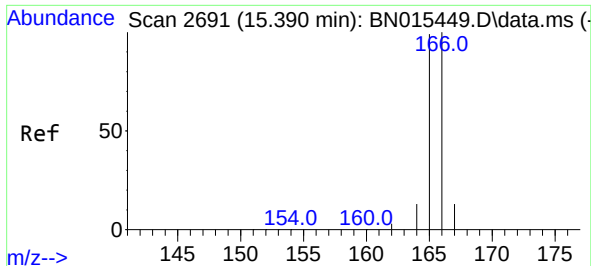
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#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.401 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

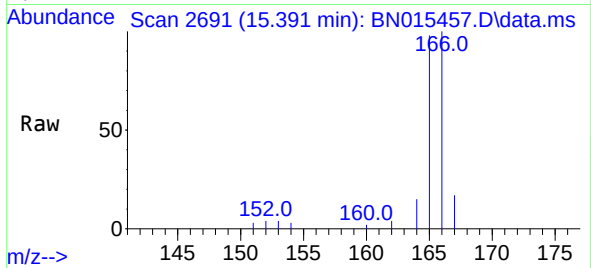
Tgt Ion:	153	Resp:	2061
Ion	Ratio	Lower	Upper
153	100		
152	53.7	39.8	59.6
154	87.8	69.8	104.8





#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.391 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

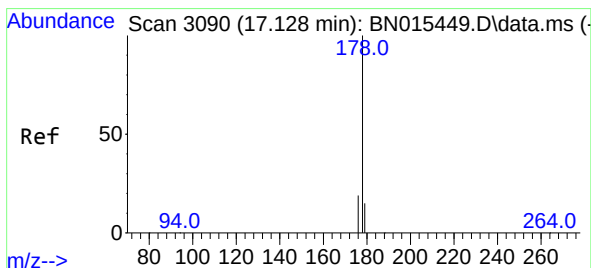
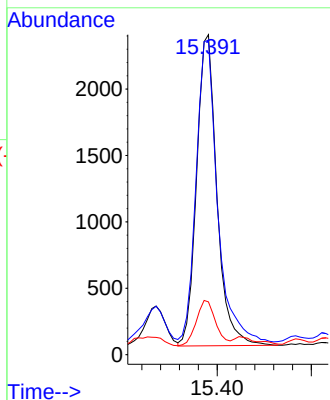
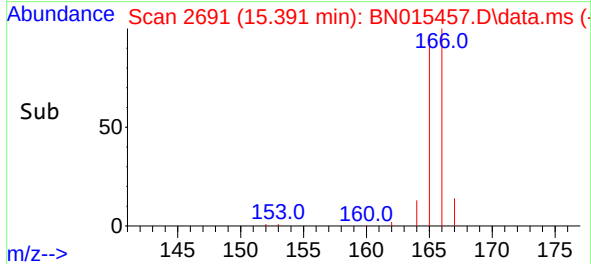
Instrument :
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ClientSampleId :
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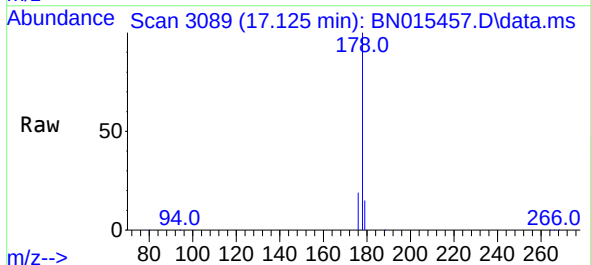
Tgt Ion:166 Resp: 3496
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 16.5 11.2 16.8

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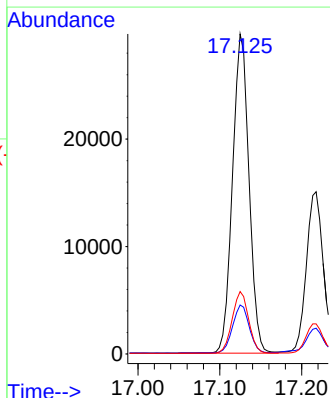
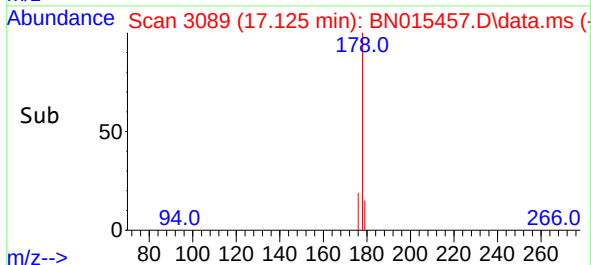
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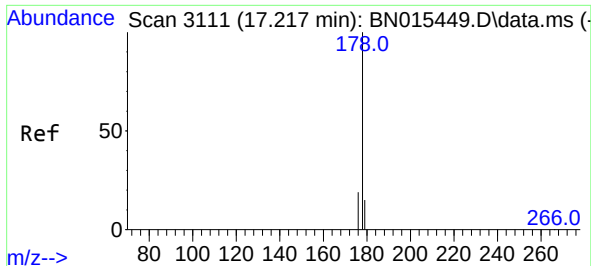


#15
Phenanthrene
Concen: 0.900 ng/ul
RT: 17.125 min Scan# 3089
Delta R.T. -0.003 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50



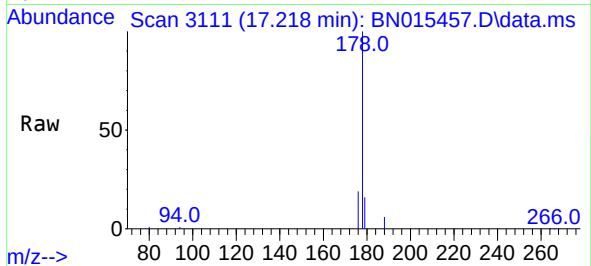
Tgt Ion:178 Resp: 41665
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.5 15.5 23.3





#16
 Anthracene
 Concen: 0.525 ng/ul
 RT: 17.218 min Scan# 3111
 Delta R.T. 0.001 min
 Lab File: BN015457.D
 Acq: 09 Jul 2021 21:50

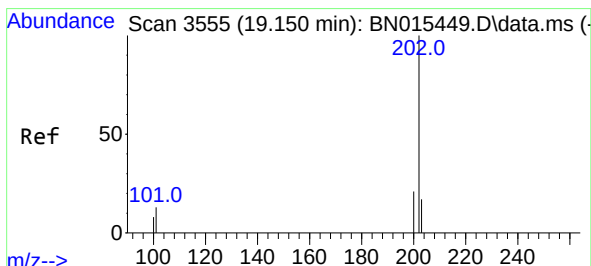
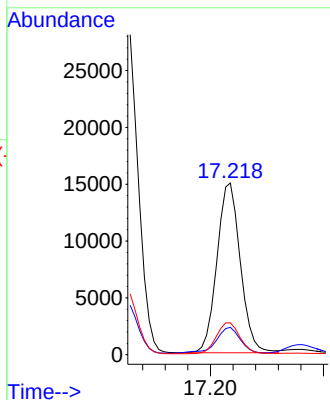
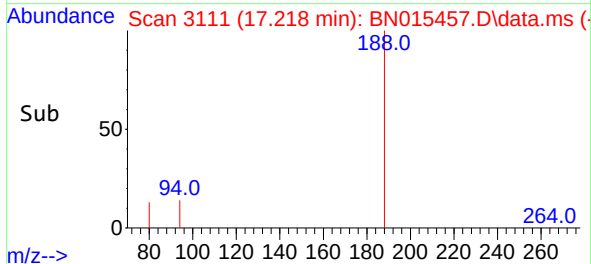
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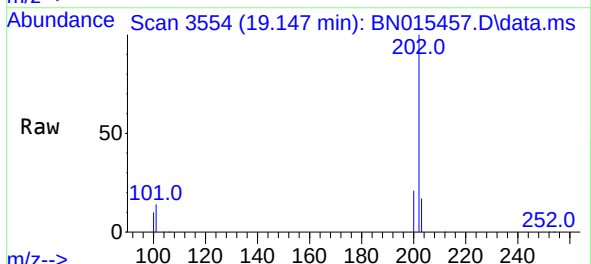
Tgt Ion:178 Resp: 21439
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.8 19.2
 176 18.6 15.2 22.8

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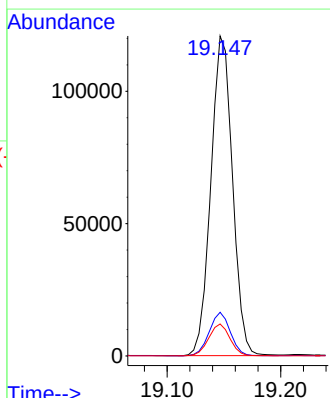
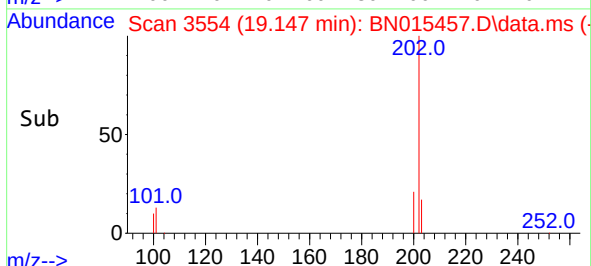
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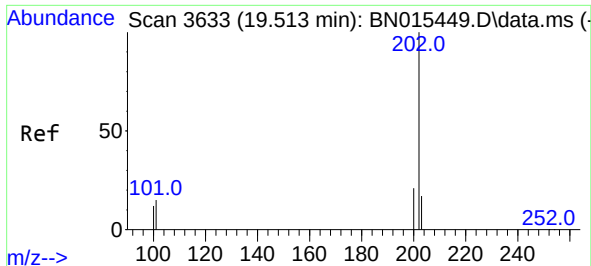


#19
 Fluoranthene
 Concen: 3.142 ng/ul
 RT: 19.147 min Scan# 3554
 Delta R.T. -0.003 min
 Lab File: BN015457.D
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Tgt Ion:202 Resp: 159967
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.1 15.1
 100 10.0 7.4 11.0





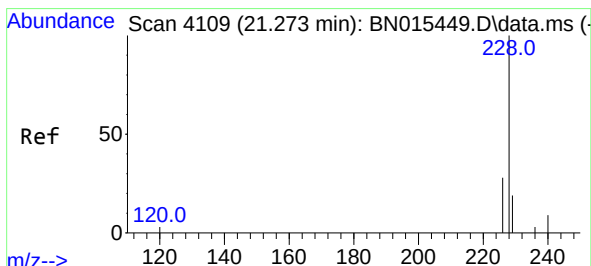
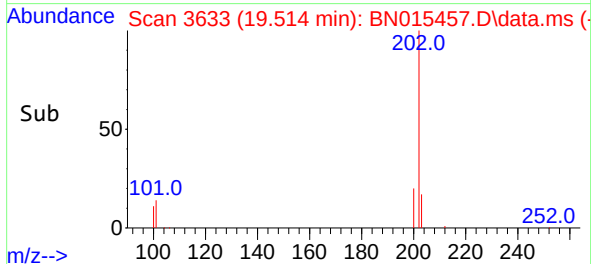
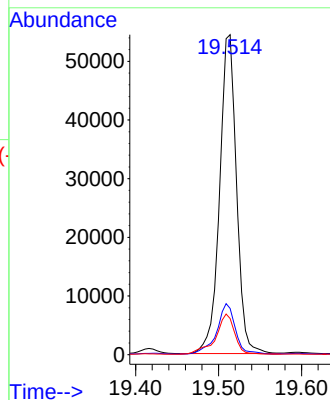
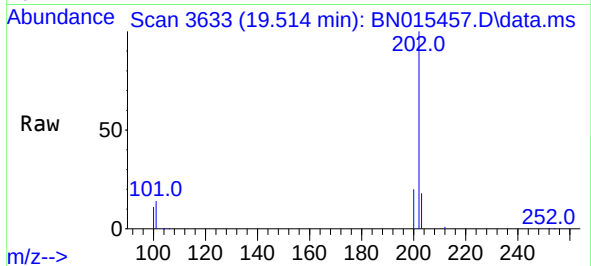
#20
Pyrene
Concen: 1.505 ng/ul
RT: 19.514 min Scan# 3633
Delta R.T. -0.003 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

Tgt Ion:	202	Resp:	76869
Ion Ratio	Lower	Upper	
202	100		
101	14.4	12.0	18.0
100	11.3	9.6	14.4

Instrument :
BNA_N
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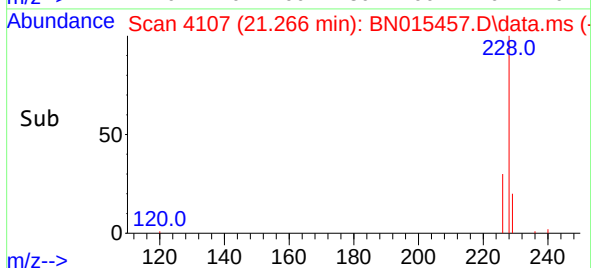
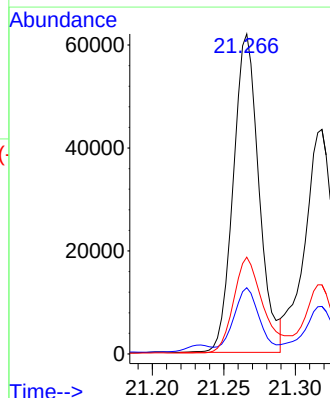
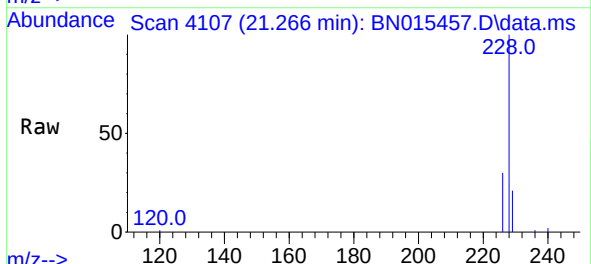
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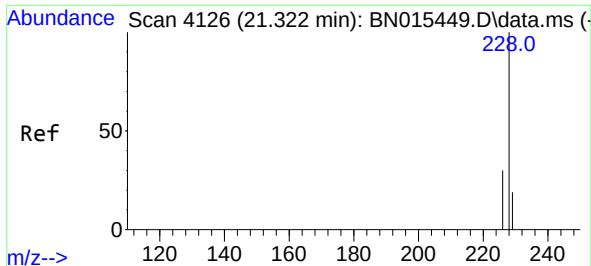
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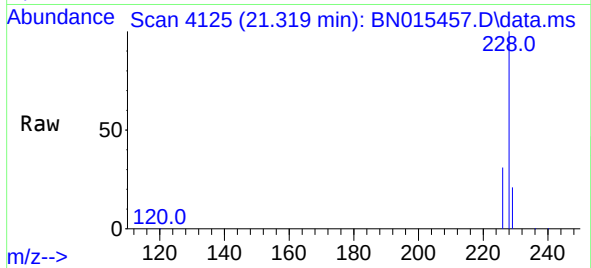
#21
Benzo(a)anthracene
Concen: 1.896 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

Tgt Ion:	228	Resp:	77401
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.8
226	30.3	21.8	32.8

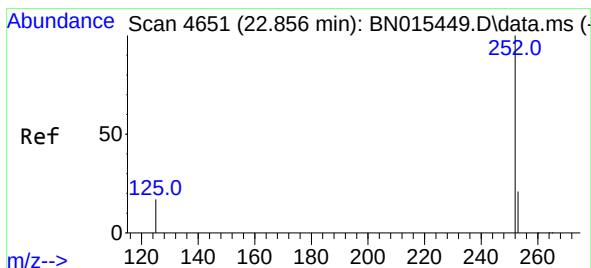
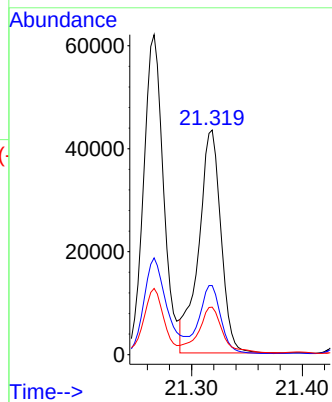
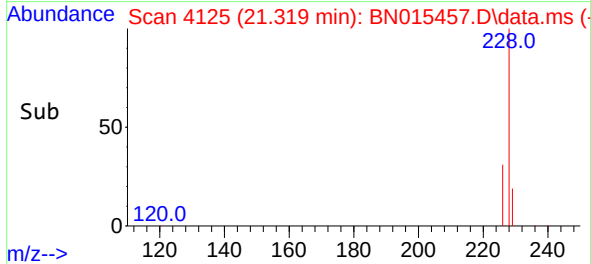




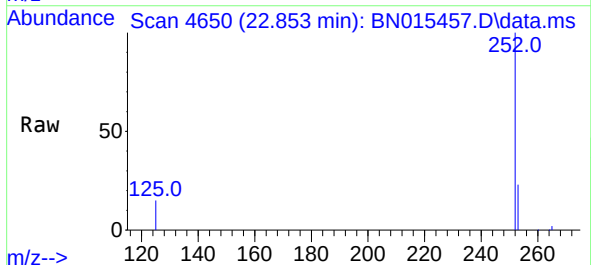
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Chrysene
Concen: 1.236 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50



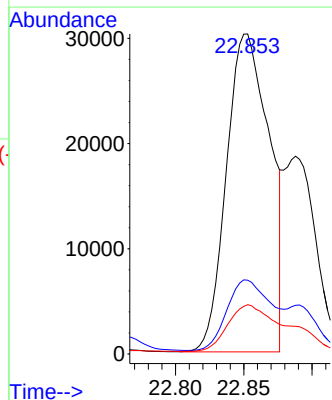
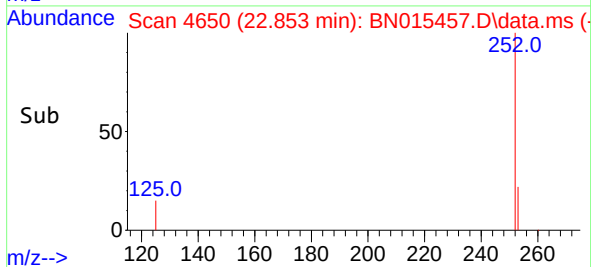
Tgt Ion:228 Resp: 60407
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.2 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.453 ng/ul m
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50



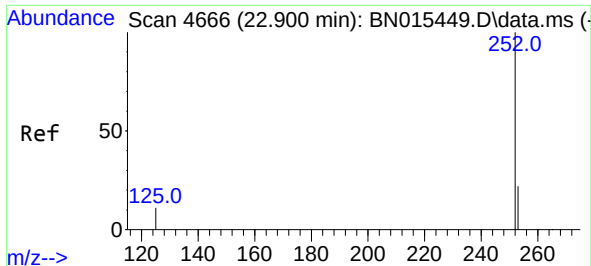
Tgt Ion:252 Resp: 66292
Ion Ratio Lower Upper
252 100
253 23.1 0.0 45.6
125 15.4 0.0 28.4



Instrument :
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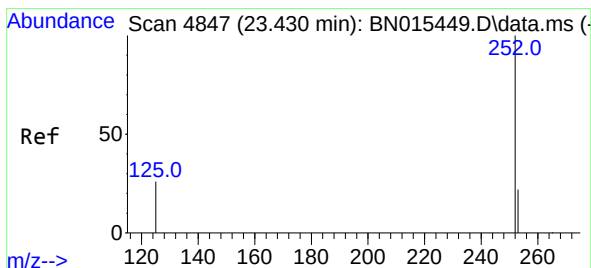
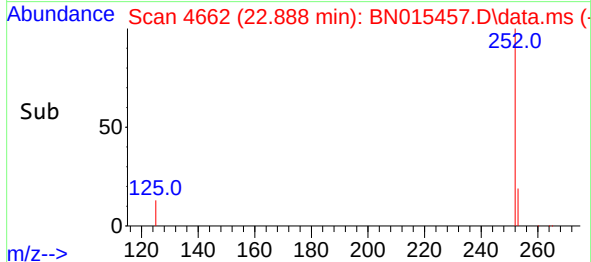
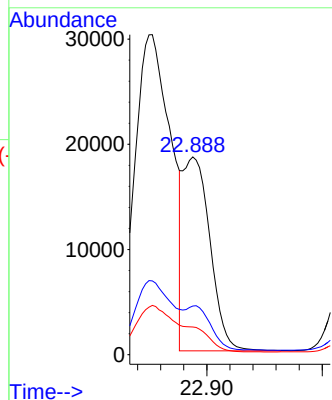
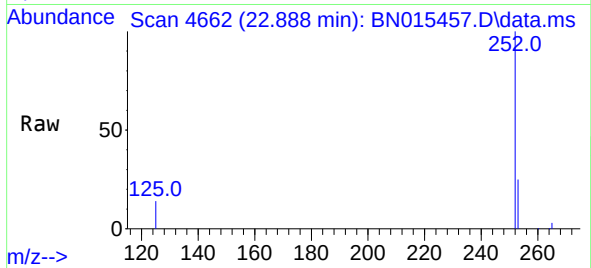
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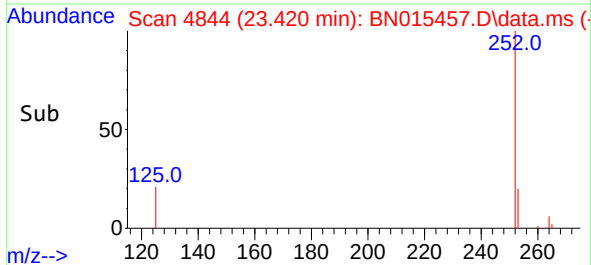
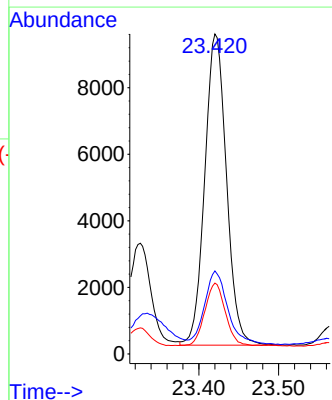
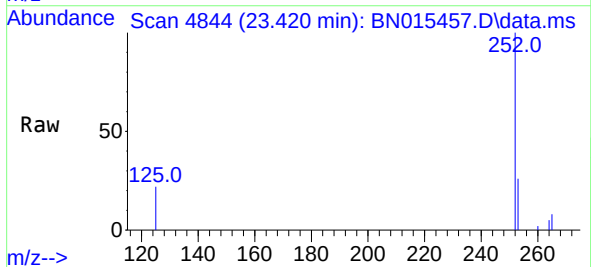
#25
Benzo(k)fluoranthene
Concen: 0.584 ng/ul m
RT: 22.888 min Scan# 4662
Delta R.T. -0.012 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

Tgt Ion:	252	Resp:	30056
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.1	27.1
125	14.0	11.5	17.3



#26
Benzo(a)pyrene
Concen: 0.462 ng/ul
RT: 23.420 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50

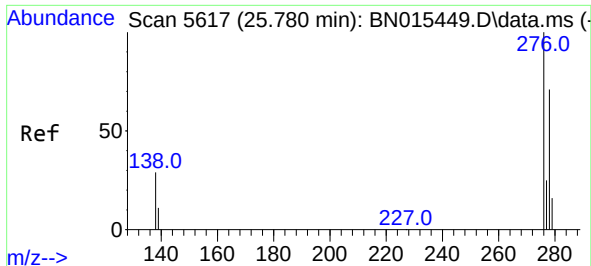
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Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.9	28.3
125	22.2	13.5	20.3



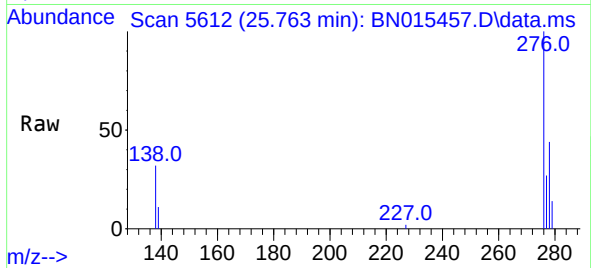
Instrument :
BNA_N
ClientSampleId :
BGDT2DL

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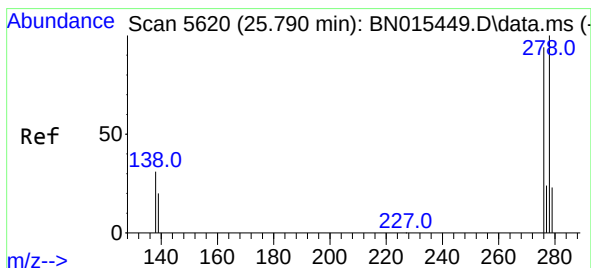
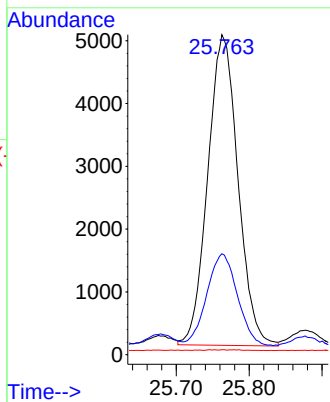
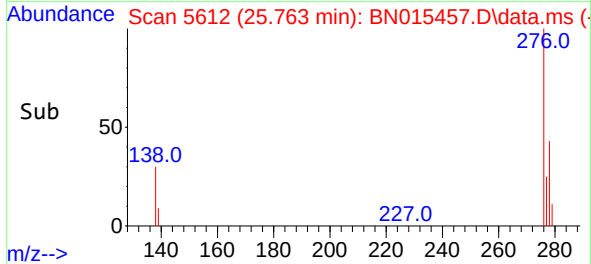
mohammad
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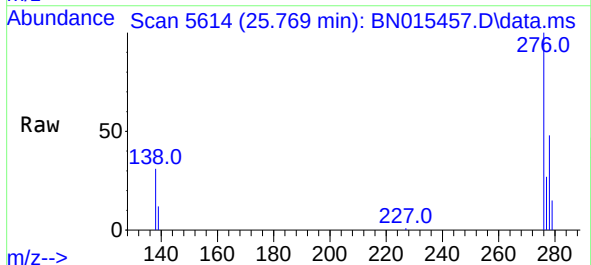
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.014 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50



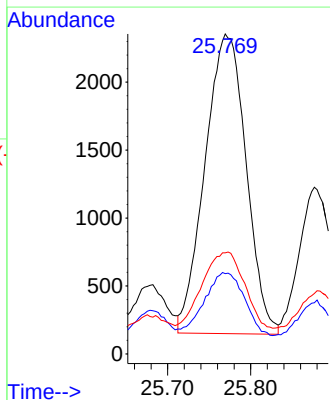
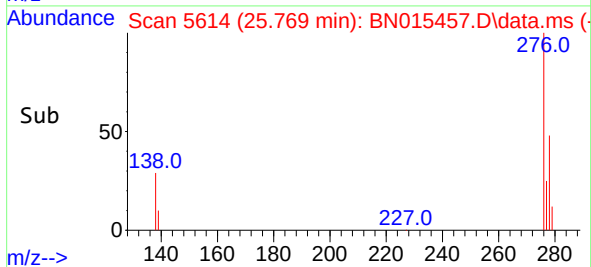
Tgt Ion: 276 Resp: 14242
Ion Ratio Lower Upper
276 100
138 30.9 26.3 39.5
227 0.1 0.1 0.1



#28
Dibenzo(a,h)anthracene
Concen: 0.209 ng/ul
RT: 25.769 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN015457.D
Acq: 09 Jul 2021 21:50



Tgt Ion: 278 Resp: 7589
Ion Ratio Lower Upper
278 100
139 25.1 18.9 28.3
279 31.6 20.8 31.2#



Instrument :
BNA_N
ClientSampleId :
BGDT2DL

Manual Integrations
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7/12/2021 9:33:21 AM