

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015460.D
 Acq On : 09 Jul 2021 23:39
 Operator : CG/JU
 Sample : M2854-15DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD9DL

Manual Integrations
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 7/12/2021 9:33:31 AM

Quant Time: Jul 10 00:29:16 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	3150	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	11022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	5785	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	11537	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	9190	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	8320	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	4478	1.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	1702	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	3548	0.117	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1830	0.052	ng/ul#	91
10) Acenaphthylene	14.053	152	1942	0.065	ng/ul#	90
11) Acenaphthene	14.400	153	783	0.034	ng/ul	96
12) Fluorene	15.390	166	1371	0.054	ng/ul#	94
15) Phenanthrene	17.124	178	15604	0.373	ng/ul	99
16) Anthracene	17.217	178	6714	0.182	ng/ul	99
19) Fluoranthene	19.150	202	43696	1.029	ng/ul	99
20) Pyrene	19.513	202	25966	0.610	ng/ul	100
21) Benzo(a)anthracene	21.264	228	19591	0.575	ng/ul	97
22) Chrysene	21.316	228	15393	0.378	ng/ul	98
24) Benzo(b)fluoranthene	22.851	252	17582m	0.452	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	7434m	0.169	ng/ul	
26) Benzo(a)pyrene	23.421	252	6032	0.185	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.763	276	4286	0.109	ng/ul	95
28) Dibenzo(a,h)anthracene	25.773	278	1910	0.062	ng/ul#	77

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

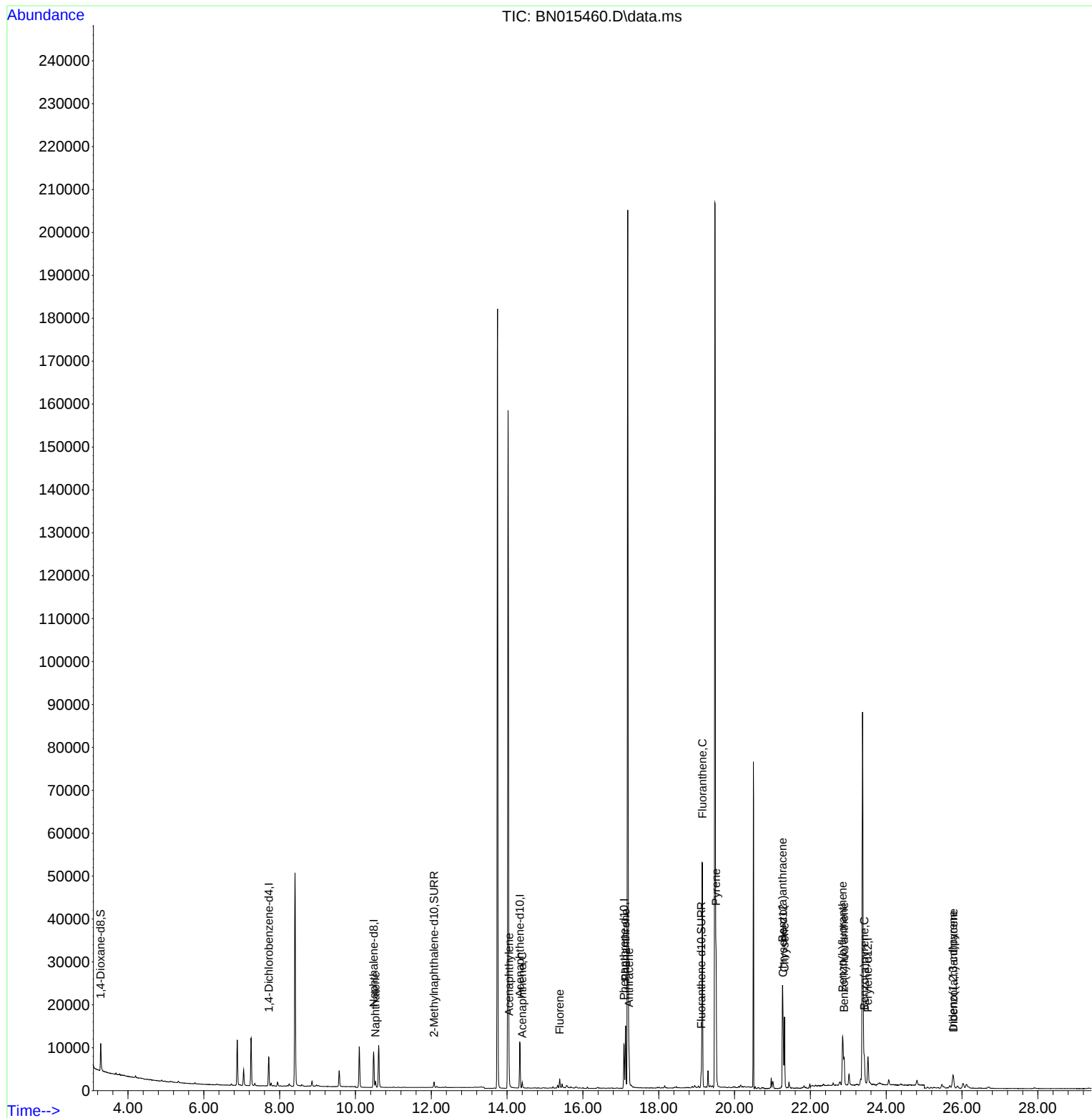
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015460.D
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ALS Vial : 13 Sample Multiplier: 1

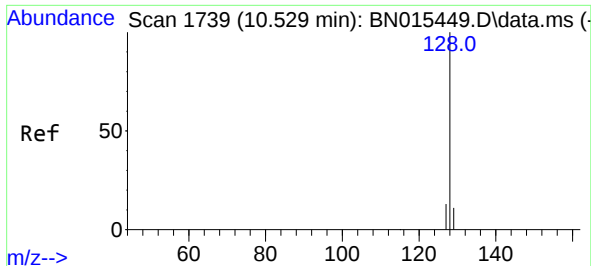
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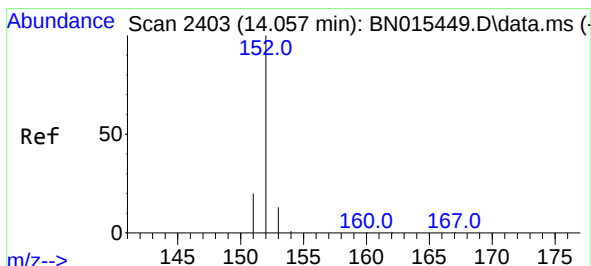
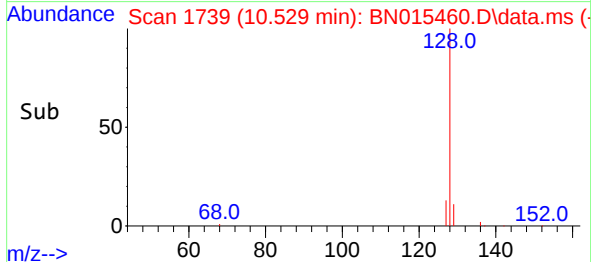
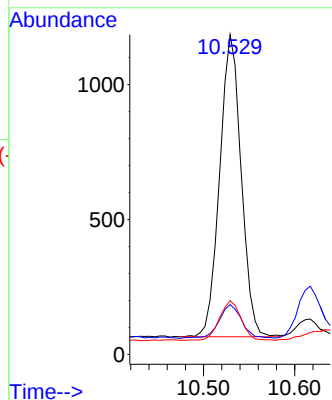
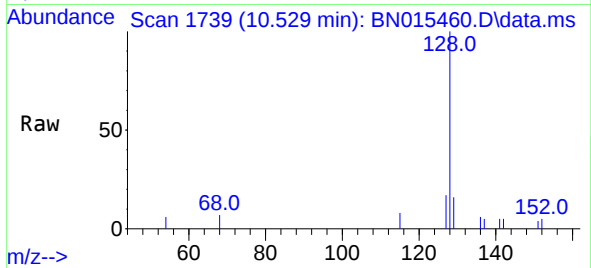
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:	128	Resp:	1830
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.3	13.9#
127	16.9	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
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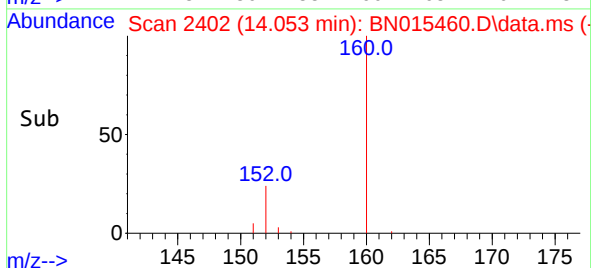
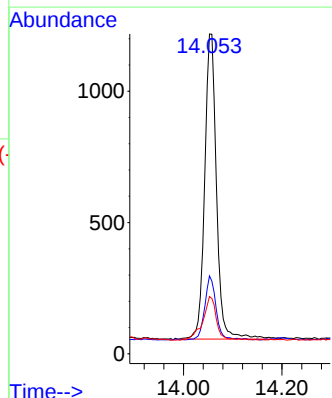
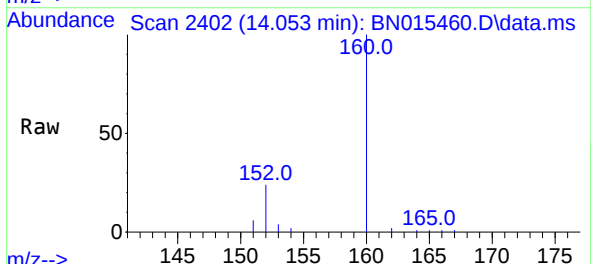
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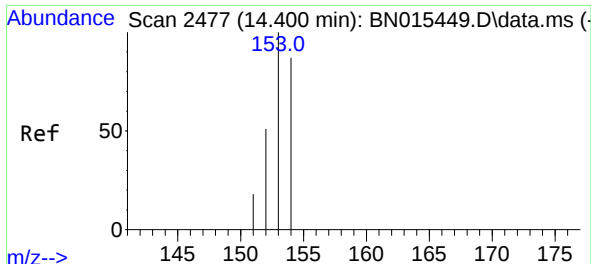
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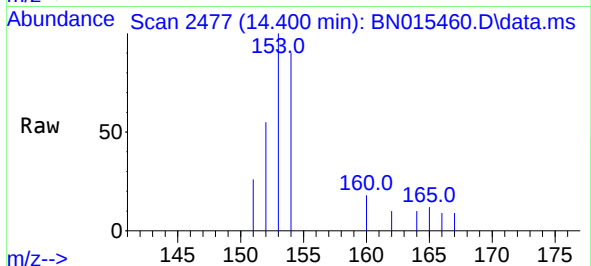
#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:	152	Resp:	1942
Ion Ratio	Lower	Upper	
152	100		
151	24.4	16.0	24.0#
153	17.9	10.9	16.3#

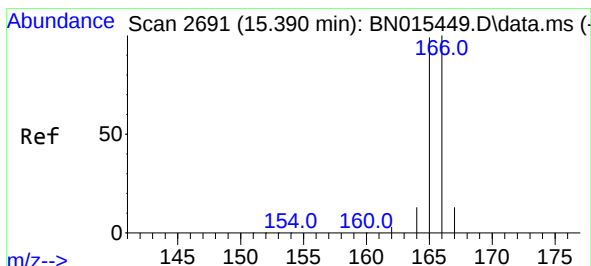
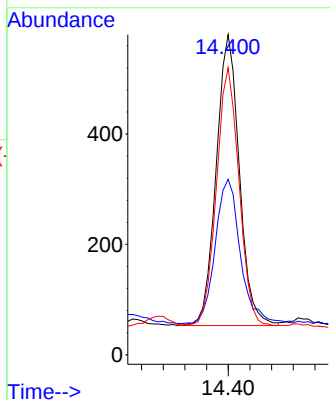
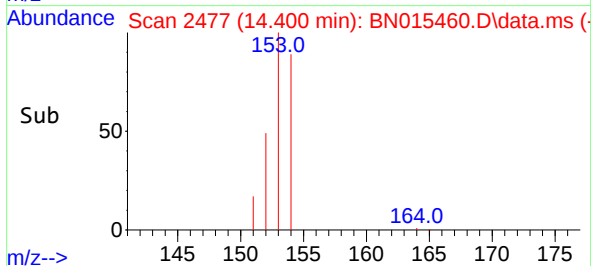




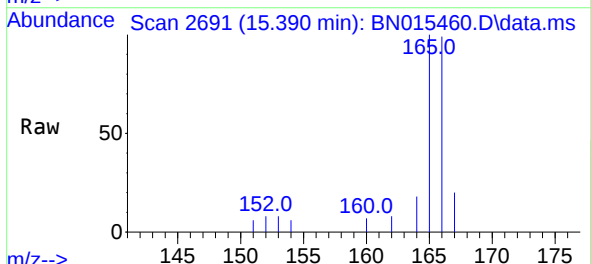
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Acenaphthene
Concen: 0.034 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39



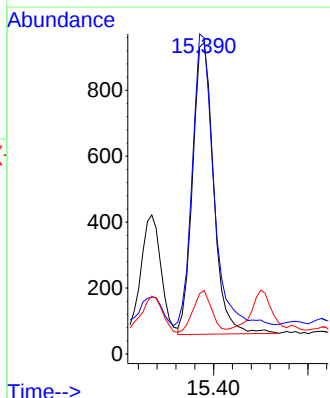
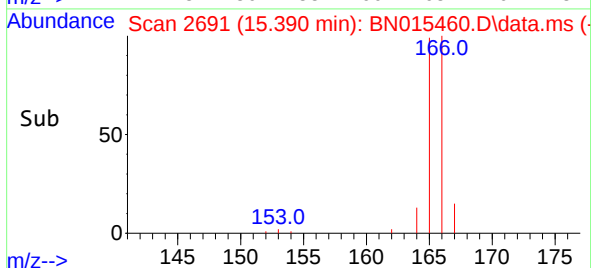
Tgt Ion:153 Resp: 783
Ion Ratio Lower Upper
153 100
152 54.8 39.8 59.6
154 89.7 69.8 104.8



#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39



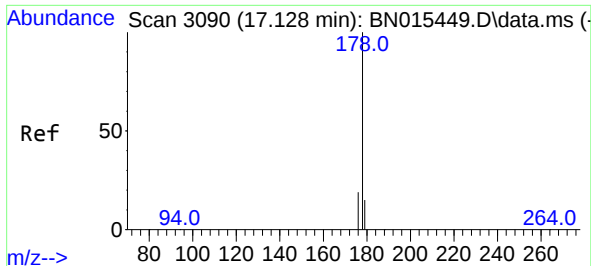
Tgt Ion:166 Resp: 1371
Ion Ratio Lower Upper
166 100
165 101.5 77.8 116.8
167 20.4 11.2 16.8#



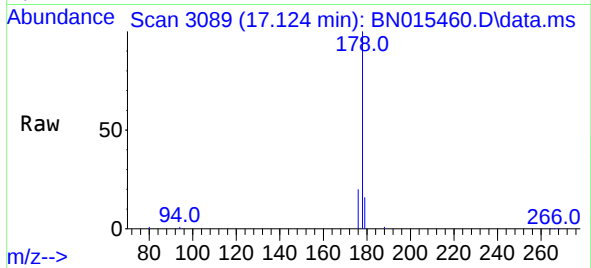
Instrument :
BNA_N
ClientSampleId :
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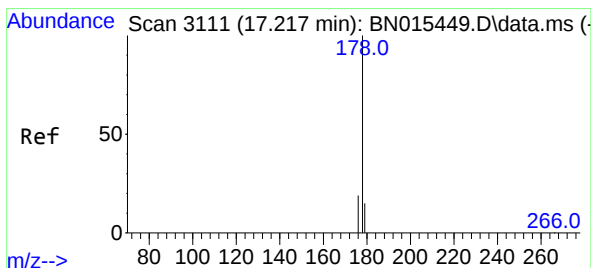
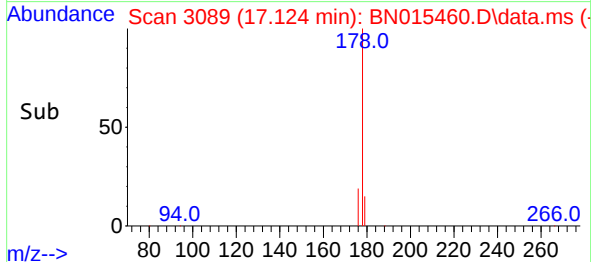
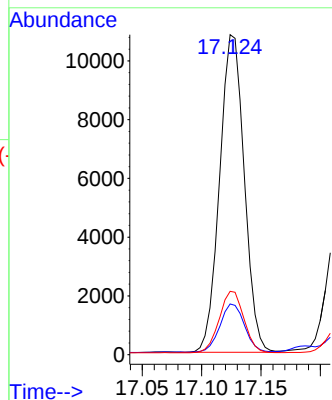
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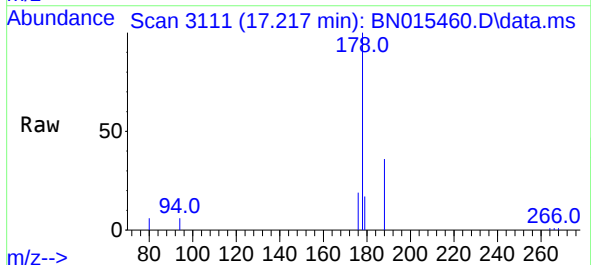
#15
Phenanthrene
Concen: 0.373 ng/u1
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015460.D
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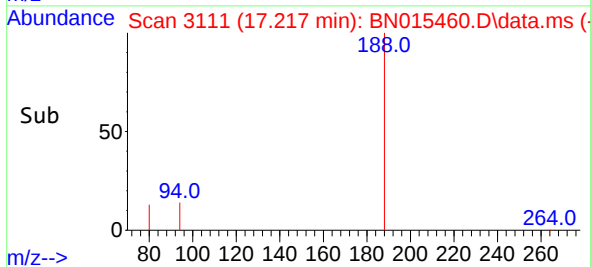
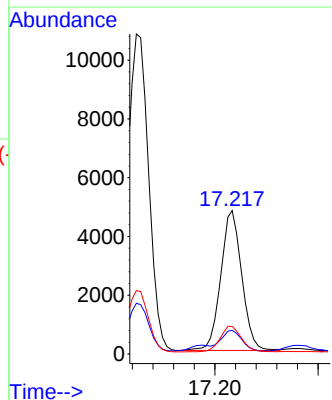
Tgt Ion:178 Resp: 15604
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.182 ng/u1
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39



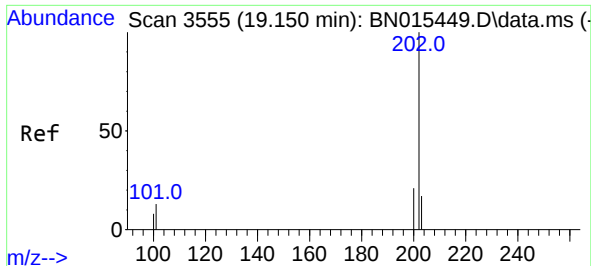
Tgt Ion:178 Resp: 6714
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.2 15.2 22.8



Instrument :
BNA_N
ClientSampleId :
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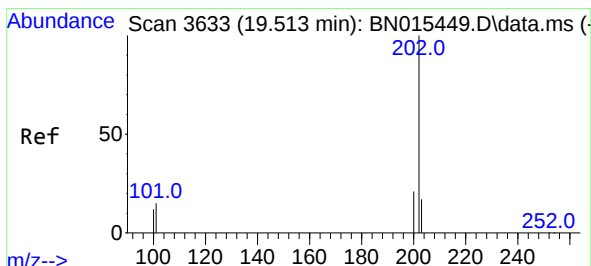
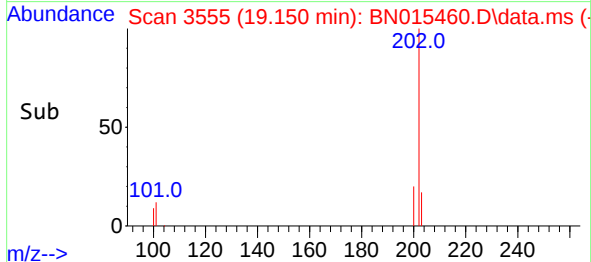
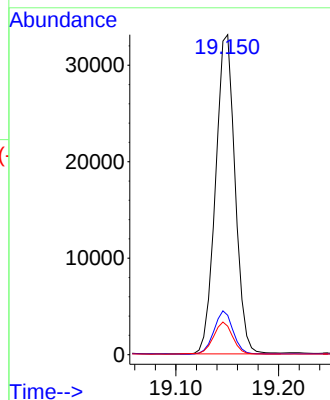
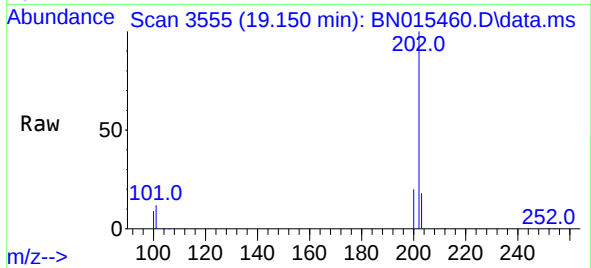
#19
Fluoranthene
Concen: 1.029 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:	202	Resp:	43696
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.1	15.1
100	8.9	7.4	11.0

Instrument :
BNA_N
ClientSampleId :
BGDT9DL

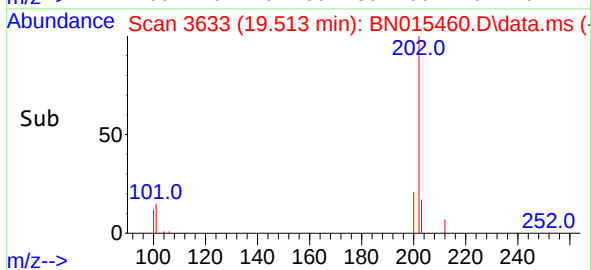
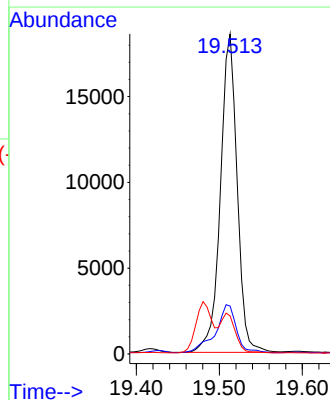
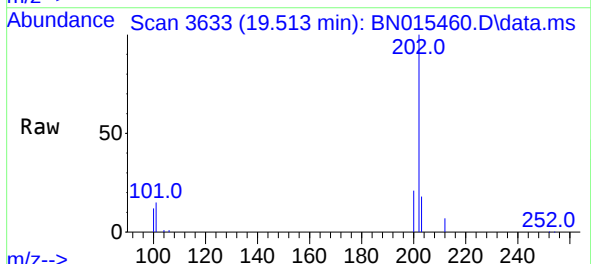
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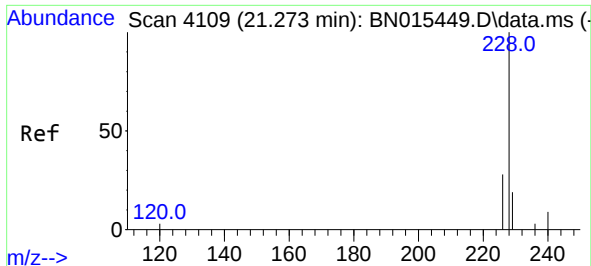
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#20
Pyrene
Concen: 0.610 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015460.D
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Tgt Ion:	202	Resp:	25966
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.0	18.0
100	11.9	9.6	14.4





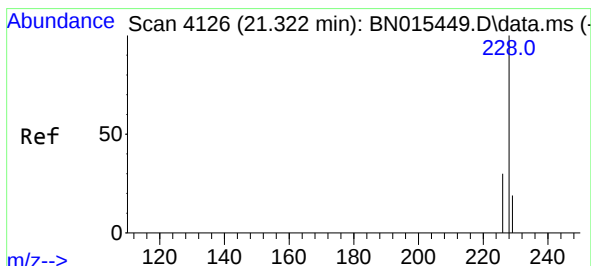
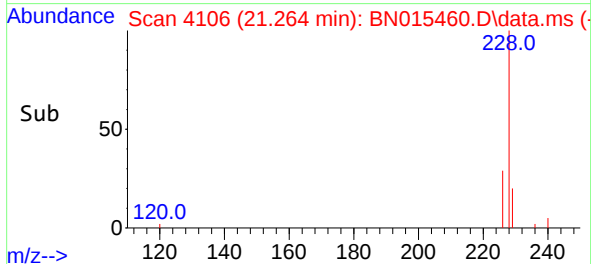
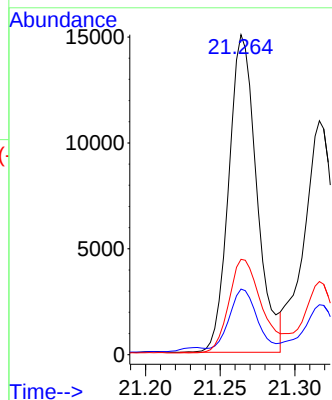
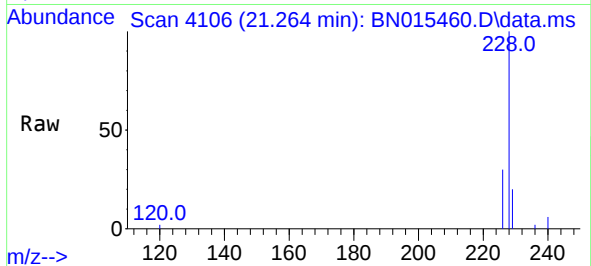
#21
Benzo(a)anthracene
Concen: 0.575 ng/ul
RT: 21.264 min Scan# 4106
Delta R.T. -0.008 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:	228	Resp:	19591
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.8	23.8
226	29.8	21.8	32.8

Instrument :
BNA_N
ClientSampled :
BGDT9DL

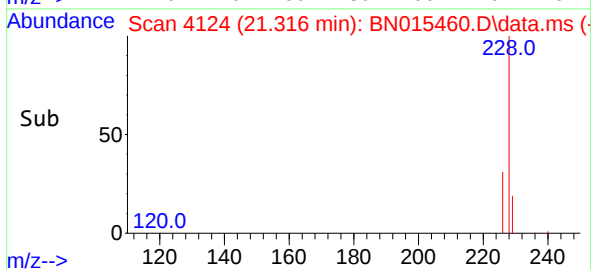
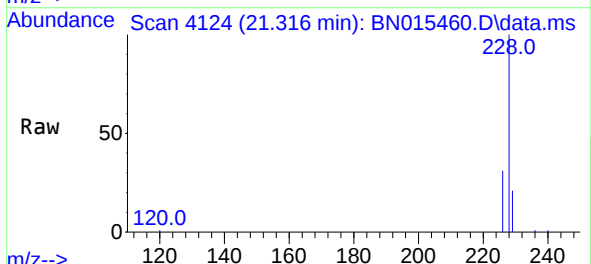
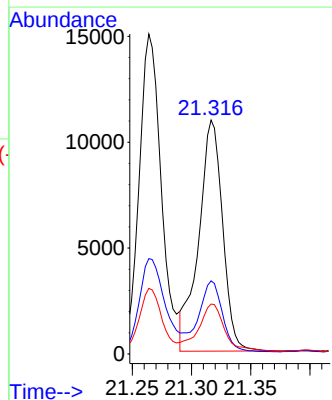
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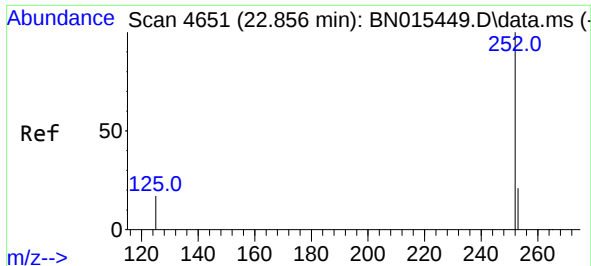
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#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:	228	Resp:	15393
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.6	37.0
229	21.3	15.7	23.5





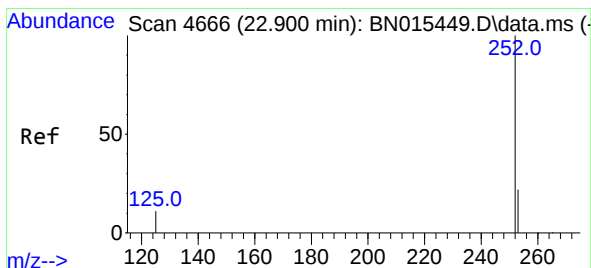
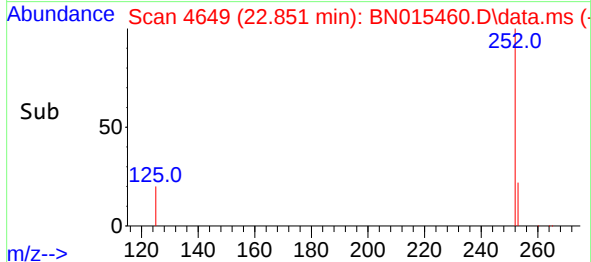
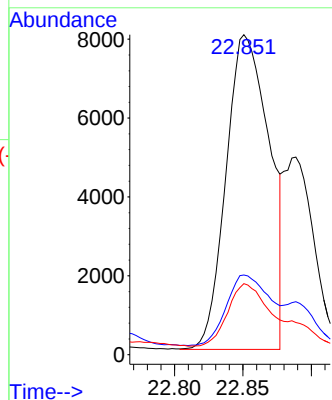
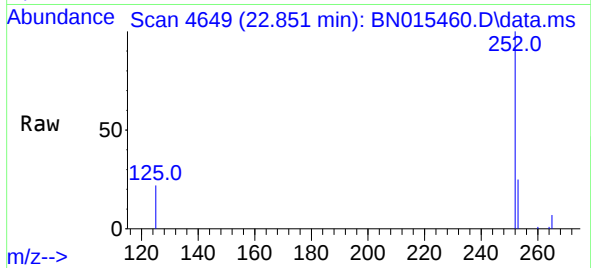
#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul m
RT: 22.851 min Scan# 4649
Delta R.T. -0.005 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:252	Resp:	17582
Ion Ratio	Lower	Upper
252	100	
253	24.9	0.0 45.6
125	22.2	0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDT9DL

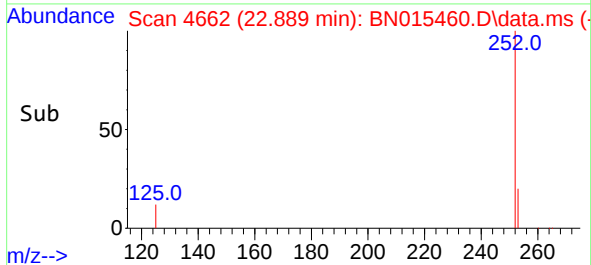
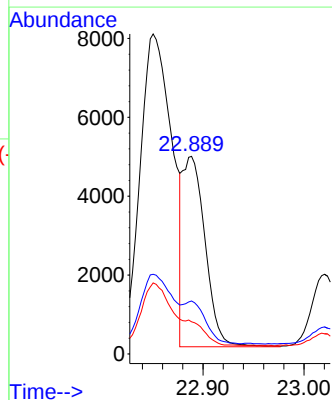
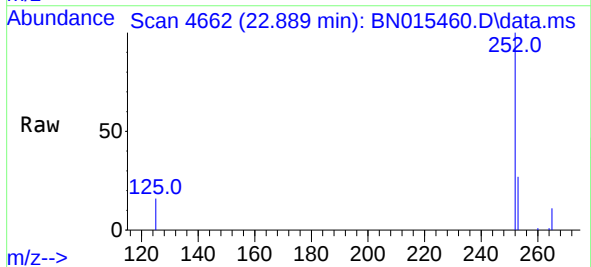
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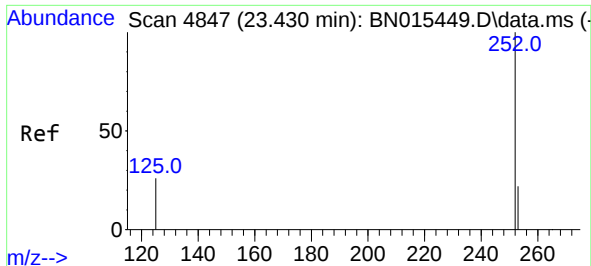
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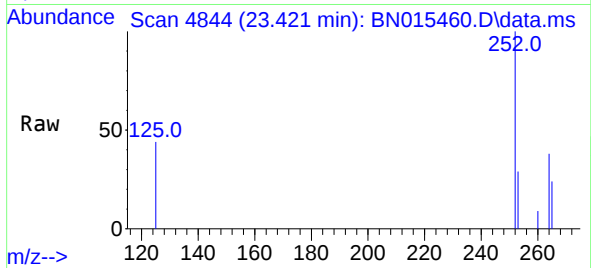
#25
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion:252	Resp:	7434
Ion Ratio	Lower	Upper
252	100	
253	26.8	18.1 27.1
125	16.3	11.5 17.3

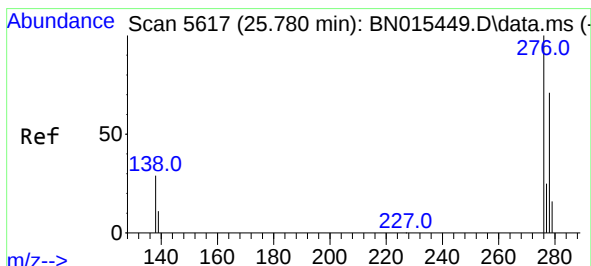
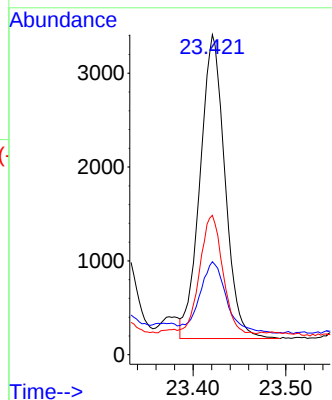
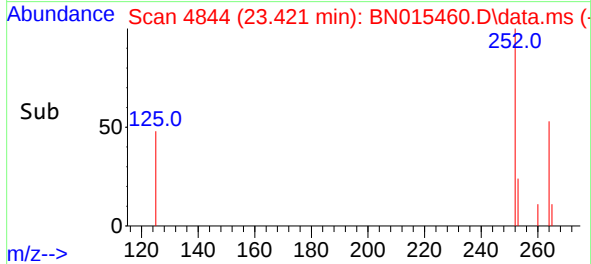




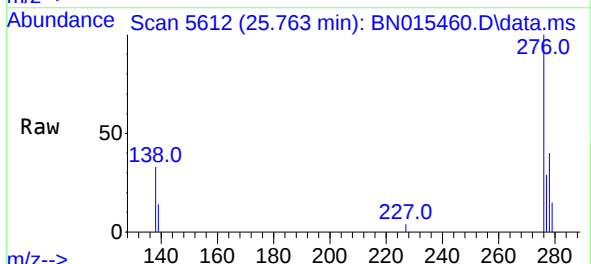
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Benzo(a)pyrene
Concen: 0.185 ng/ul
RT: 23.421 min Scan# 4844
Delta R.T. -0.008 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39



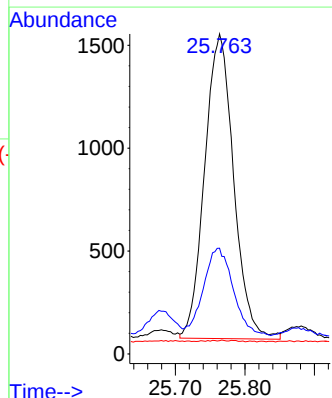
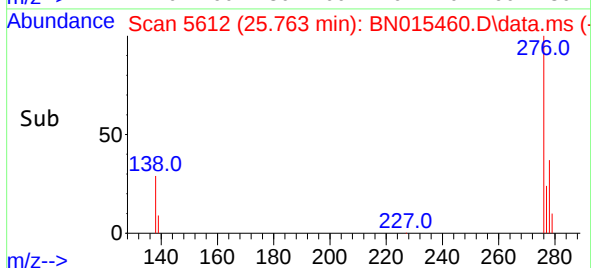
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Ion Ratio Lower Upper
252 100
253 29.1 18.9 28.3#
125 43.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.013 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39



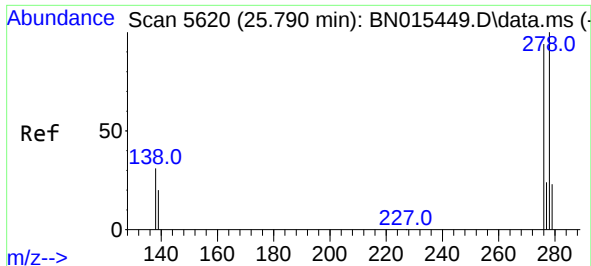
Tgt Ion:276 Resp: 4286
Ion Ratio Lower Upper
276 100
138 29.8 26.3 39.5
227 0.1 0.1 0.1



Instrument :
BNA_N
ClientSampled :
BGDT9DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:31 AM



#28

Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.016 min
Lab File: BN015460.D
Acq: 09 Jul 2021 23:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.9	18.9	28.3#
279	37.9	20.8	31.2#

Instrument :
BNA_N
ClientSampleId :
BGDT9DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:31 AM

