

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016782.D
 Acq On : 06 Oct 2021 16:51
 Operator : CG/JU
 Sample : M3892-15DL 250X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-832-J-SO-1-1.5-092221DL

Manual Integrations
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Quant Time: Oct 06 17:19:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

10/7/2021 8:51:20 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19356	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	88061	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	48871	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	101070	0.400	ng	# 0.00
29) Chrysene-d12	21.228	240	107641	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	118643	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	77	0.002	ng	0.02
5) Phenol-d6	6.822	99	77	0.001	ng	0.00
8) Nitrobenzene-d5	8.785	82	103	0.002	ng	0.01
11) 2-Methylnaphthalene-d10	12.003	152	176	0.001	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.886	172	241	0.001	ng	0.00
27) Fluoranthene-d10	19.063	212	304	0.001	ng	0.00
31) Terphenyl-d14	19.664	244	1328	0.006	ng	0.00
Target Compounds						
17) Acenaphthene	14.332	154	28905	0.203	ng	99
18) Fluorene	15.322	166	33486	0.195	ng	99
25) Phenanthrene	17.054	178	712602	2.398	ng	100
26) Anthracene	17.152	178	208922	0.787	ng	97
28) Fluoranthene	19.093	202	2060286	6.249	ng	99
30) Pyrene	19.455	202	1838198	5.194	ng	# 92
32) Benzo(a)anthracene	21.217	228	1394580	4.177	ng	97
33) Chrysene	21.270	228	1137620	3.359	ng	95
36) Indeno(1,2,3-cd)pyrene	25.757	276	498756	1.324	ng	97
37) Benzo(b)fluoranthene	22.807	252	1412045	3.681	ng	99
38) Benzo(k)fluoranthene	22.848	252	519619m	1.409	ng	
39) Benzo(a)pyrene	23.382	252	956994	2.788	ng	98
41) Benzo(g,h,i)perylene	26.456	276	434753	1.300	ng	99

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

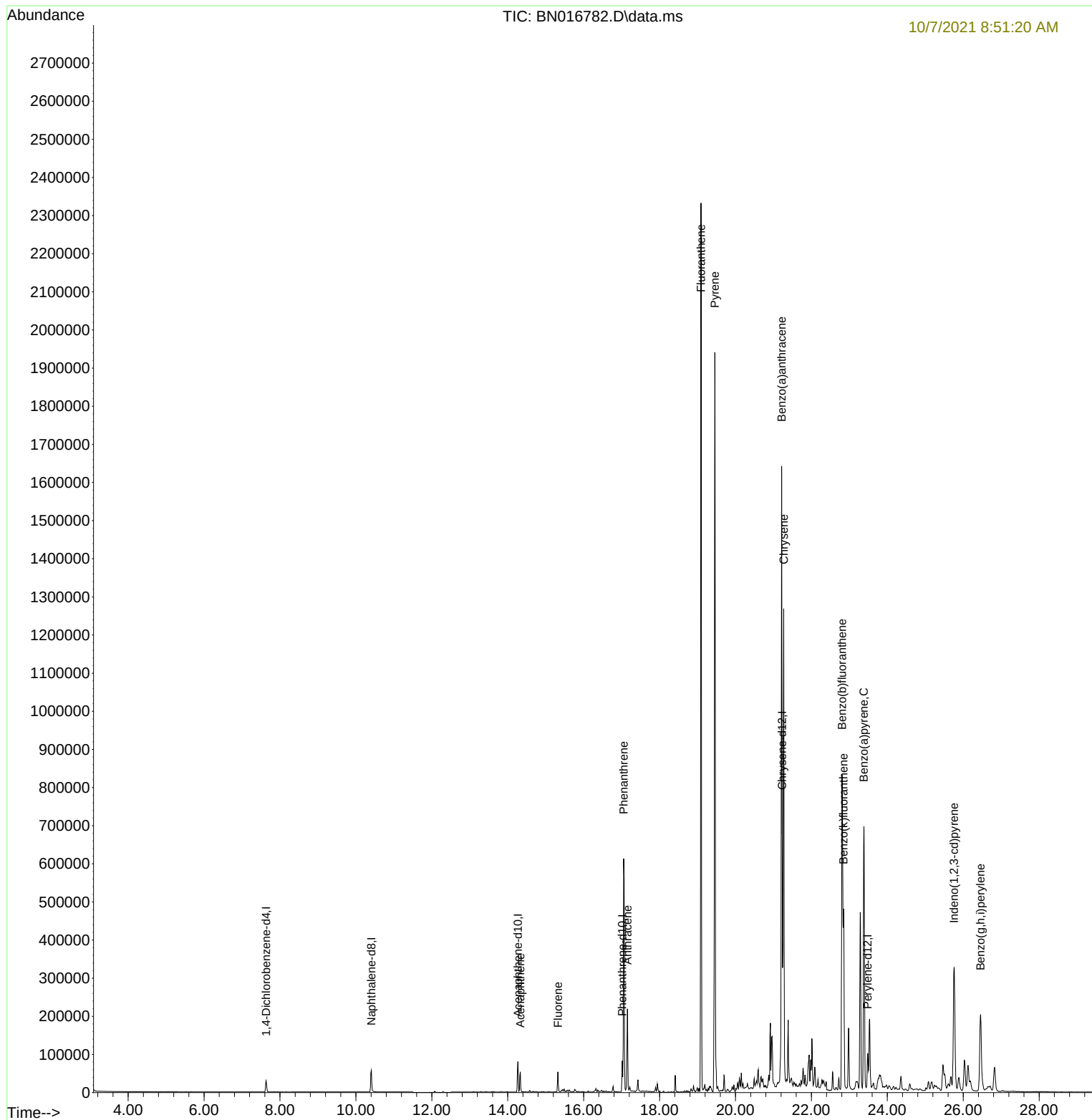
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016782.D
Acq On : 06 Oct 2021 16:51
Operator : CG/JU
Sample : M3892-15DL 250X
Misc :
ALS Vial : 7 Sample Multiplier: 1

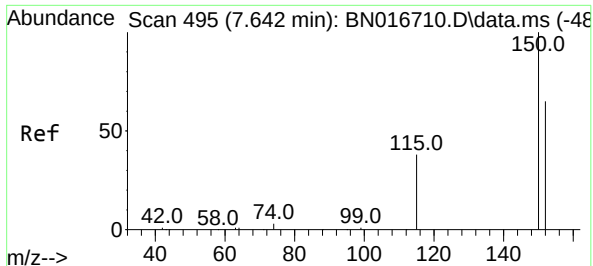
Instrument :
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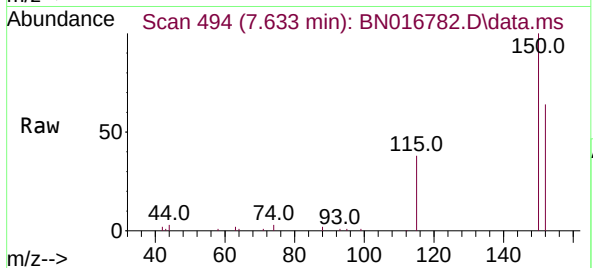
Quant Time: Oct 06 17:19:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

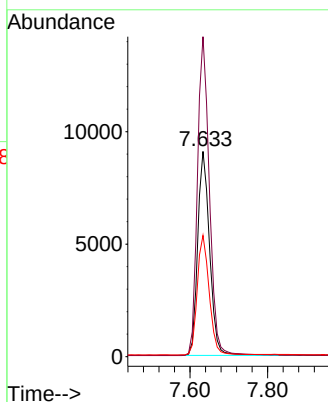
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



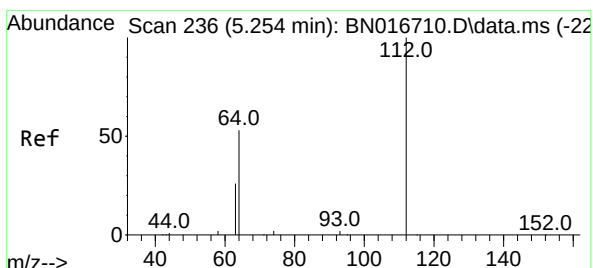
Tgt Ion:152 Resp: 19356
Ion Ratio Lower Upper
152 100
150 155.8 123.3 184.9
115 59.0 47.0 70.6

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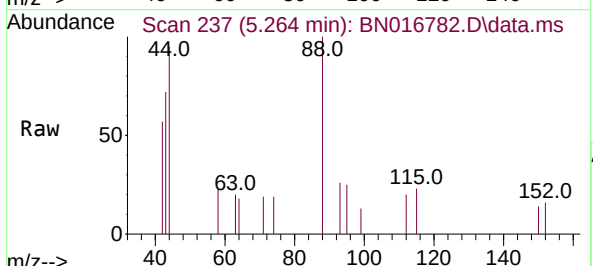
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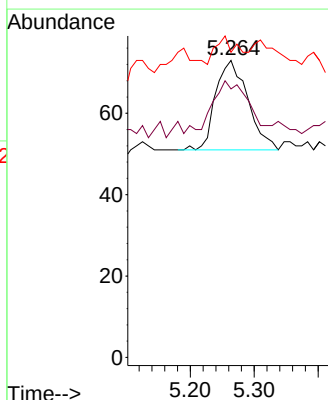
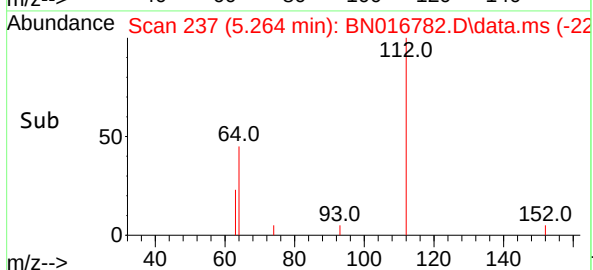
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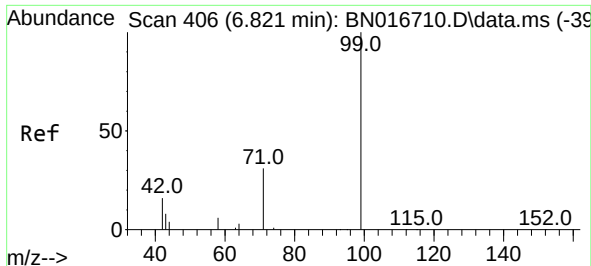


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



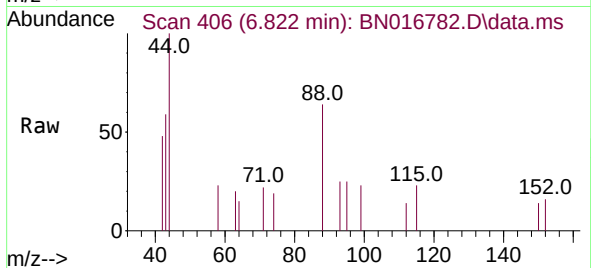
Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
64 58.4 42.9 64.3
63 19.5 21.5 32.3#





#5
Phenol-d6
Concen: 0.001 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

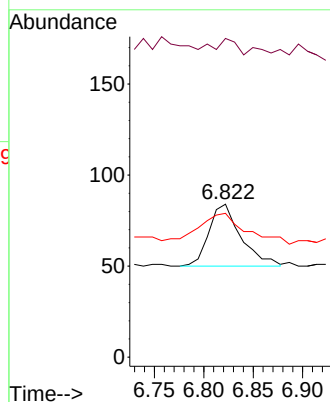
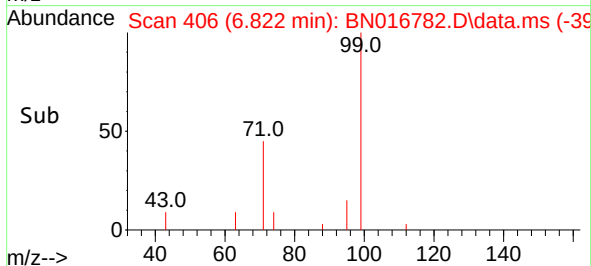
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



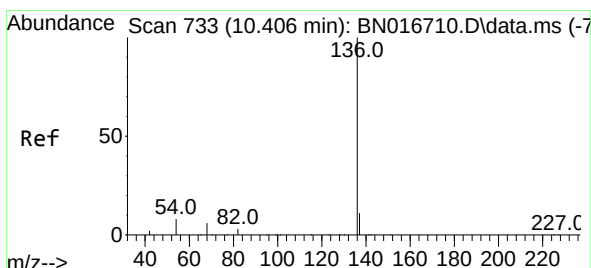
Tgt Ion: 99 Resp: 77
Ion Ratio Lower Upper
99 100
42 18.2 13.4 20.2
71 54.5 24.0 36.0#

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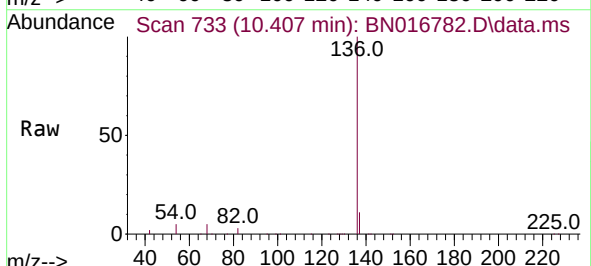
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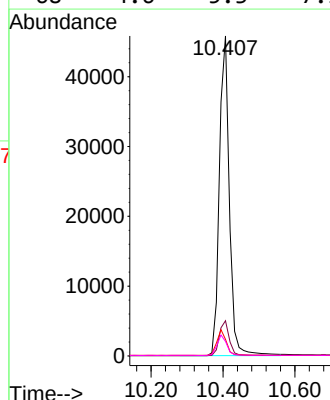
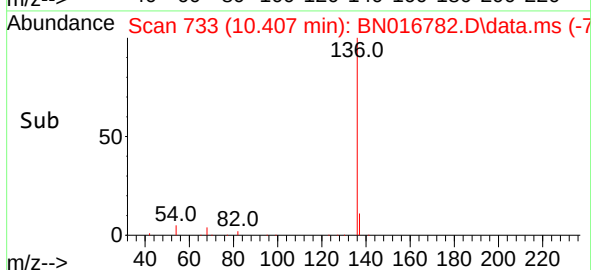
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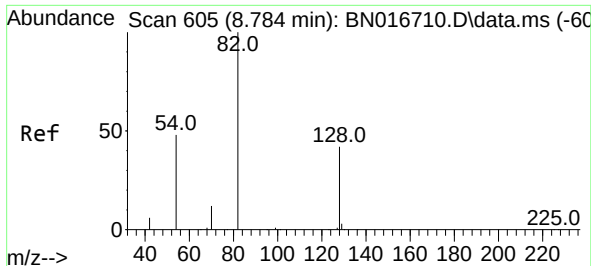


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

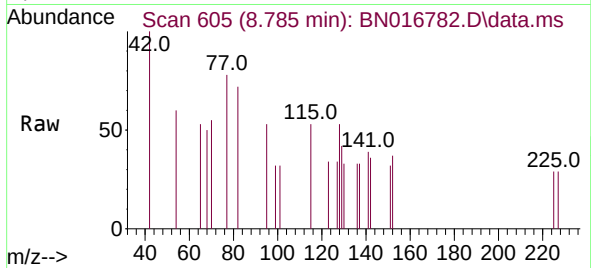


Tgt Ion: 136 Resp: 88061
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.2 6.5 9.7#
68 4.6 5.3 7.9#

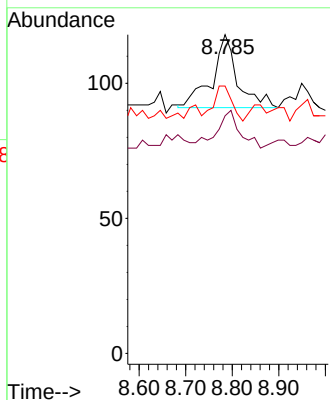




#8
Nitrobenzene-d5
Concen: 0.002 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



Tgt Ion: 82 Resp: 103
Ion Ratio Lower Upper
82 100
128 74.6 33.8 50.6#
54 83.9 38.5 57.7#

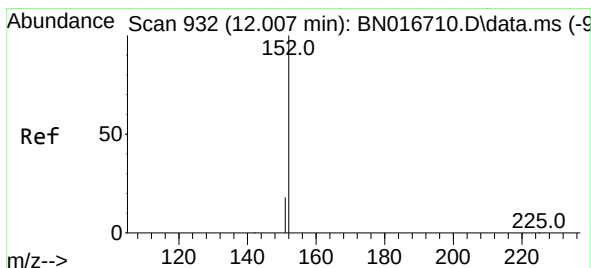
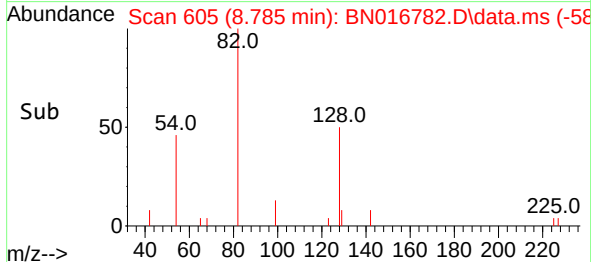


Instrument :
BNA_N
ClientSampleId :
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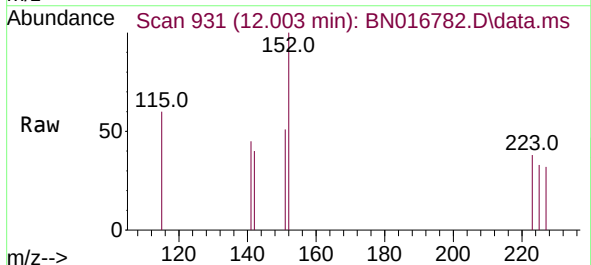
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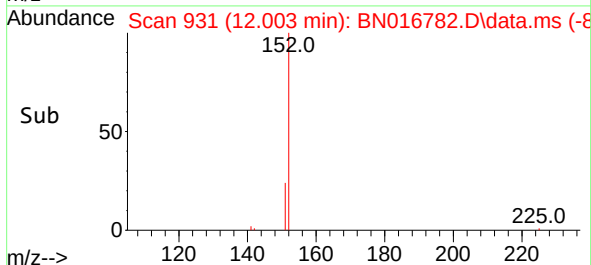
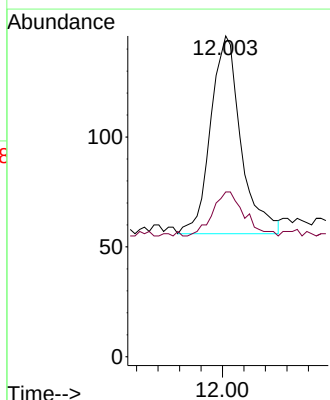
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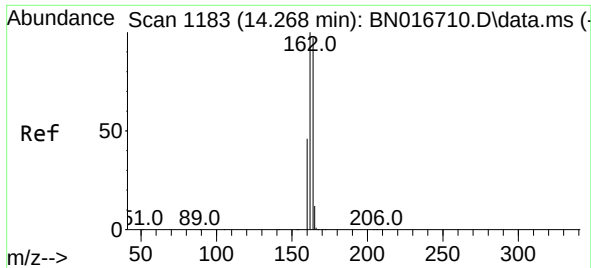


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.005 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



Tgt Ion: 152 Resp: 176
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.4





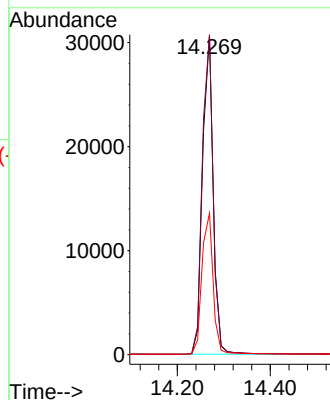
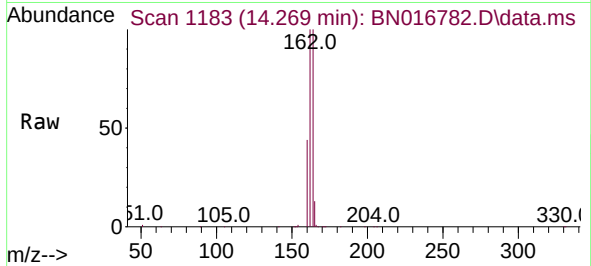
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.269 min Scan# 1183
 Delta R.T. 0.000 min
 Lab File: BN016782.D
 Acq: 06 Oct 2021 16:51

Tgt Ion: 164 Resp: 48871
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 124.0
 160 44.2 38.2 57.2

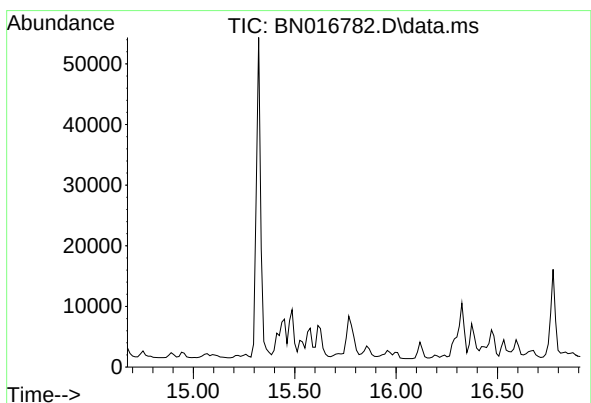
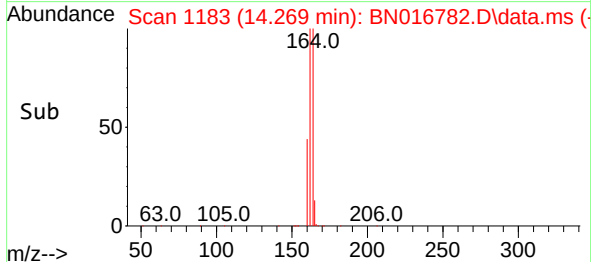
Instrument :
 BNA_N
 ClientSampleId :
 S-832-J-SO-1-1.5-092221DL

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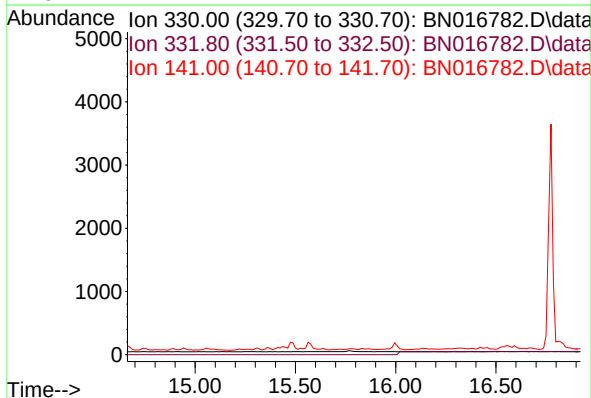
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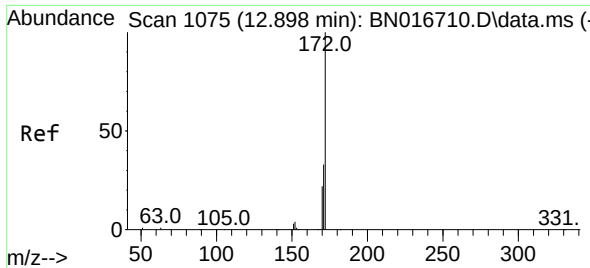


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.77 min

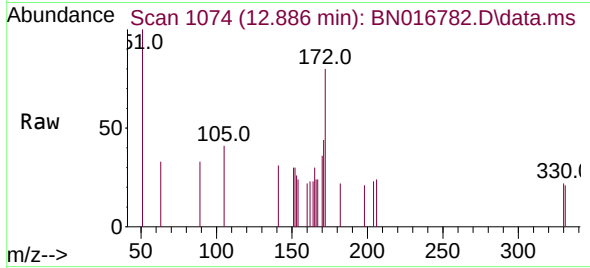
Lab File: BN016782.D
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Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 30.2

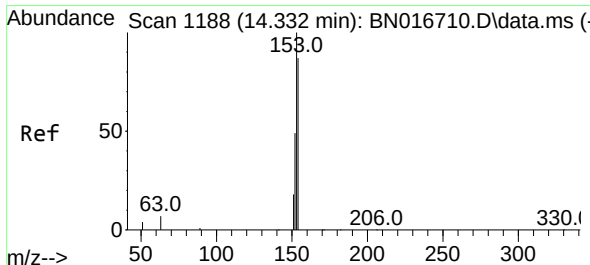
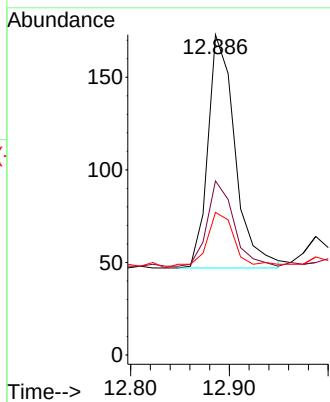
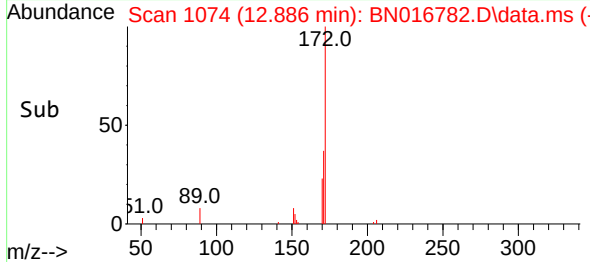




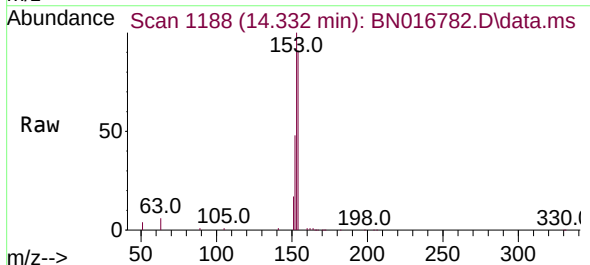
#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



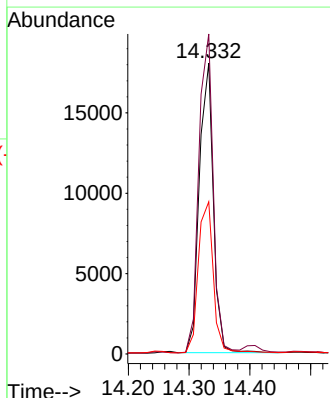
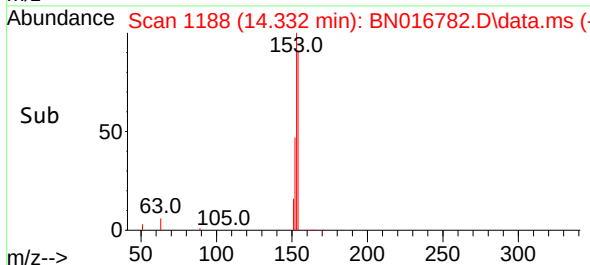
Tgt Ion:172 Resp: 241
Ion Ratio Lower Upper
172 100
171 54.3 26.9 40.3#
170 44.5 17.4 26.0#



#17
Acenaphthene
Concen: 0.203 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



Tgt Ion:154 Resp: 28905
Ion Ratio Lower Upper
154 100
153 113.2 90.1 135.1
152 56.2 43.6 65.4

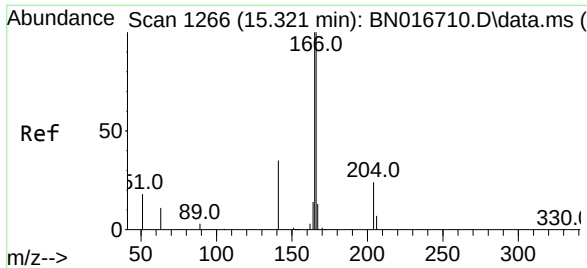


Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

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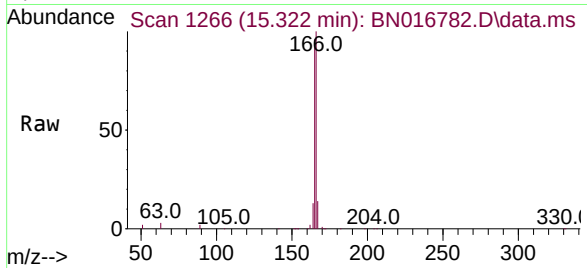
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#18
Fluorene
Concen: 0.195 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

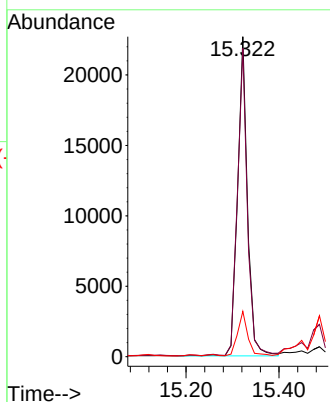
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



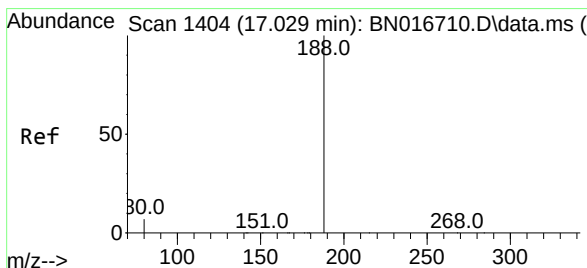
Tgt Ion:166 Resp: 33486
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 14.3 10.7 16.1

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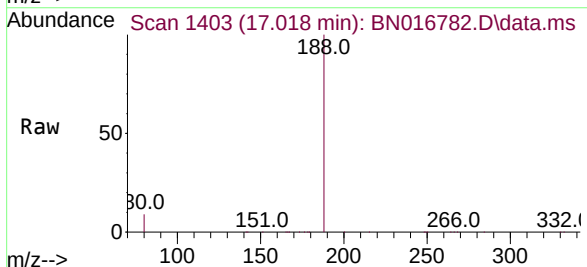
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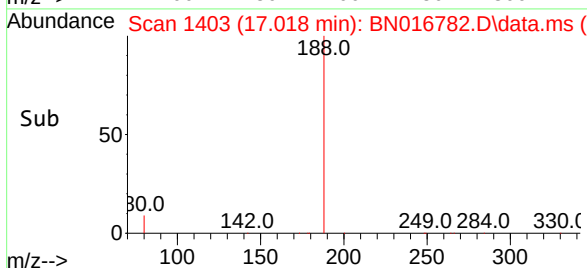
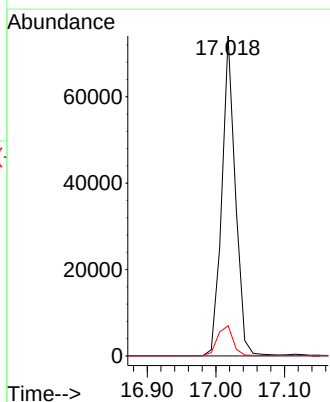
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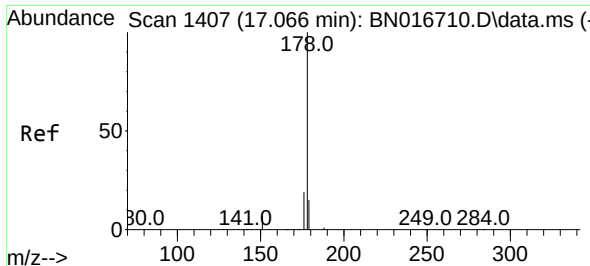


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



Tgt Ion:188 Resp: 101070
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 5.8 8.8#





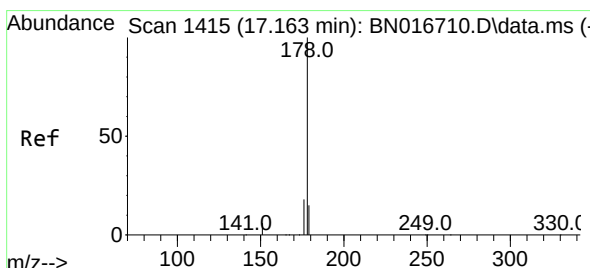
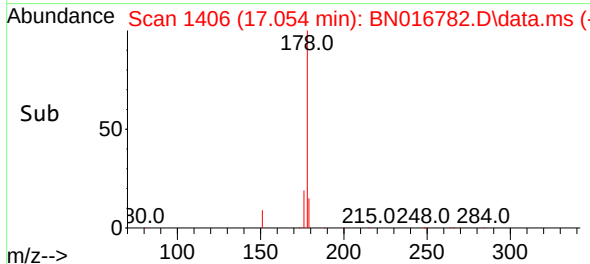
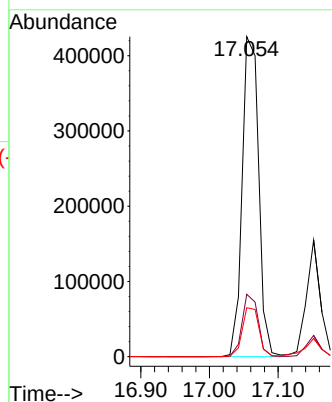
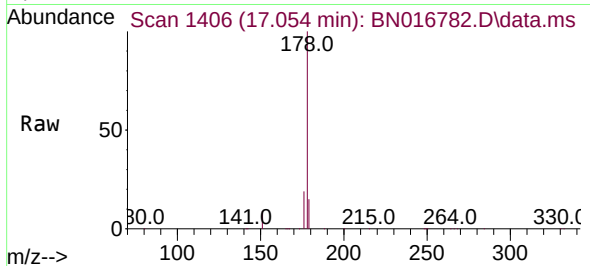
#25
Phenanthrene
Concen: 2.398 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:178 Resp: 712602
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.6 12.4 18.6

Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

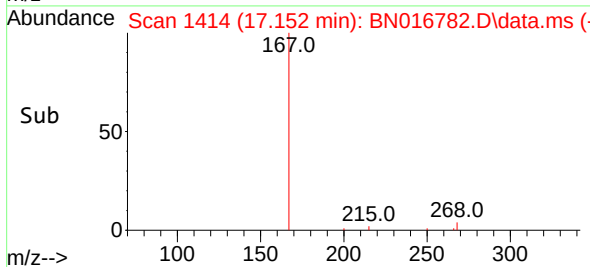
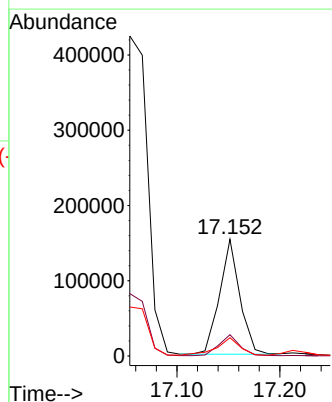
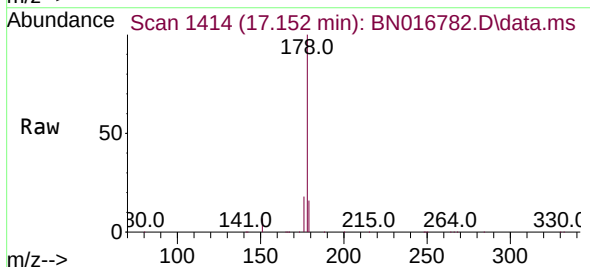
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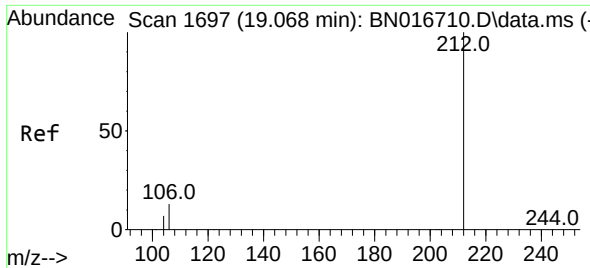
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#26
Anthracene
Concen: 0.787 ng
RT: 17.152 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:178 Resp: 208922
Ion Ratio Lower Upper
178 100
176 19.0 14.5 21.7
179 17.0 12.2 18.4





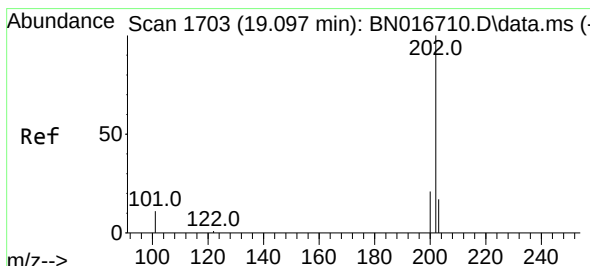
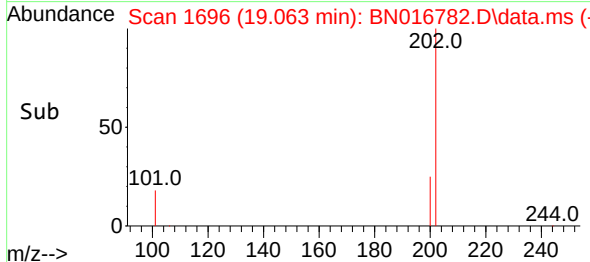
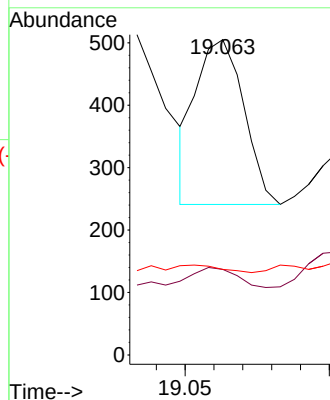
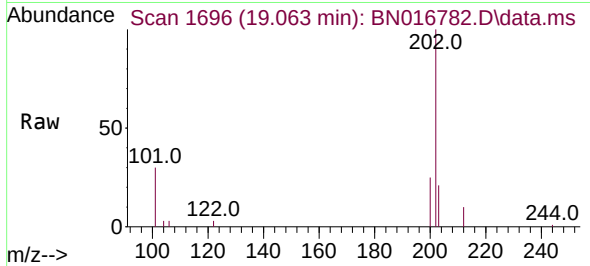
#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016782.D
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Tgt Ion:212 Resp: 304
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 30.9 5.8 8.8#

Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

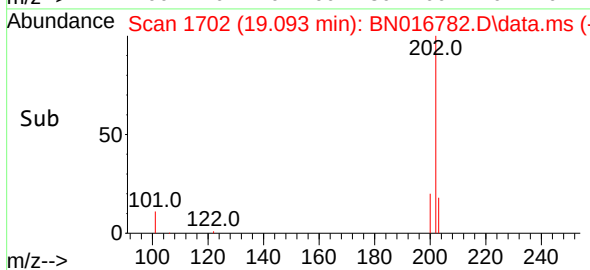
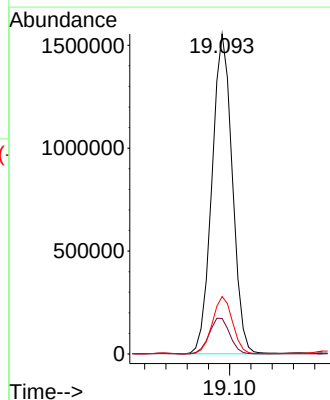
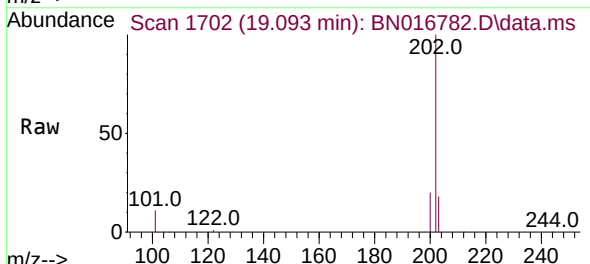
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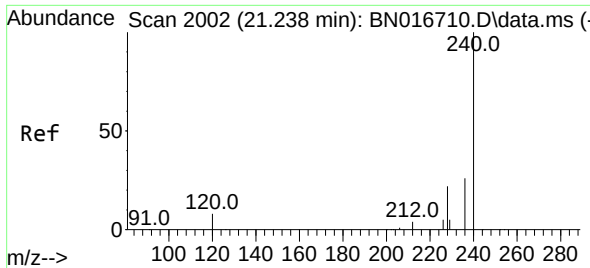
mohammad



#28
Fluoranthene
Concen: 6.249 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:202 Resp: 2060286
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
203 17.8 13.8 20.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

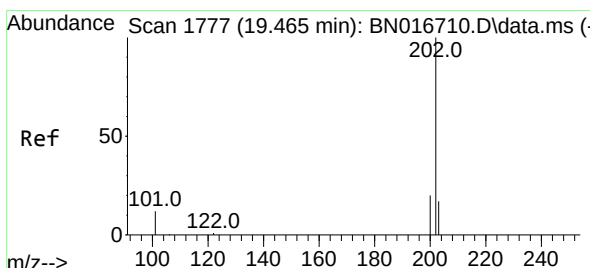
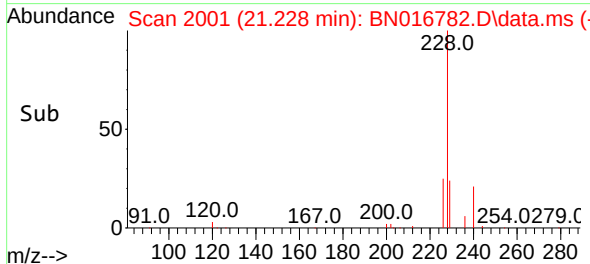
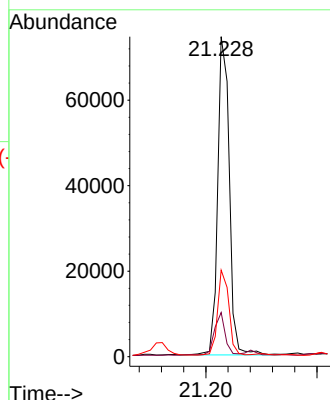
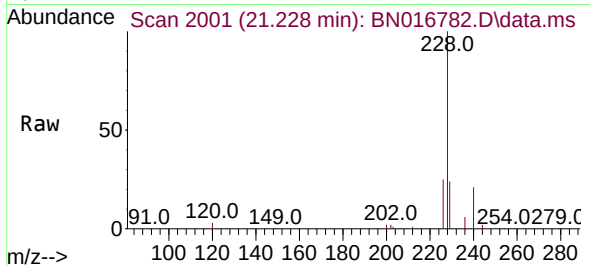
Tgt Ion:240 Resp: 107641
Ion Ratio Lower Upper
240 100
120 13.8 6.6 10.0#
236 27.1 20.7 31.1

Instrument :
BNA_N
ClientSampleId :
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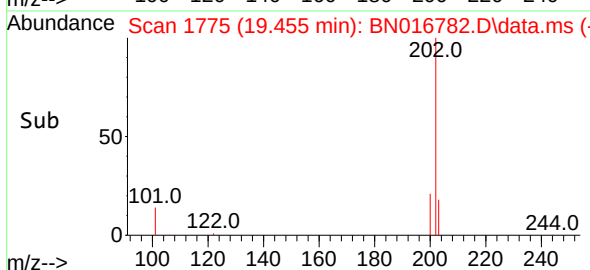
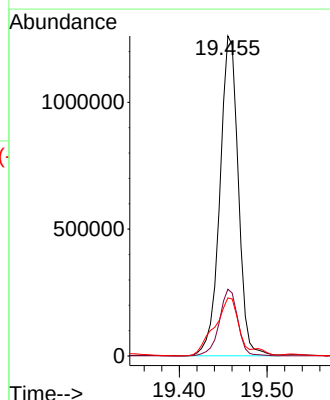
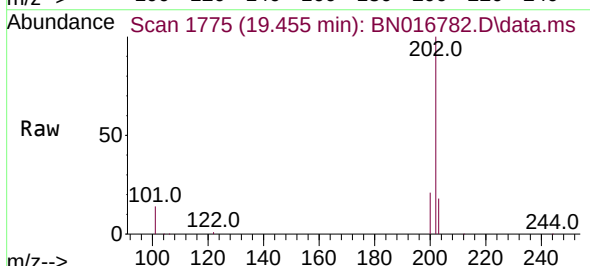
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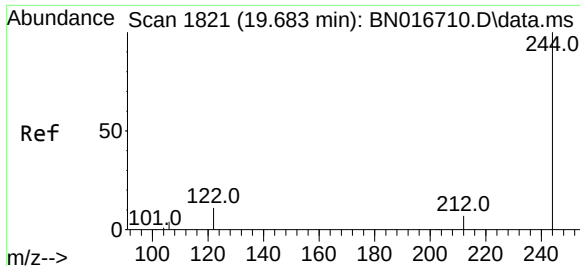
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#30
Pyrene
Concen: 5.194 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:202 Resp: 1838198
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 24.9 13.9 20.9#





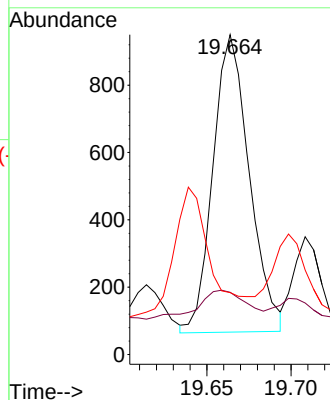
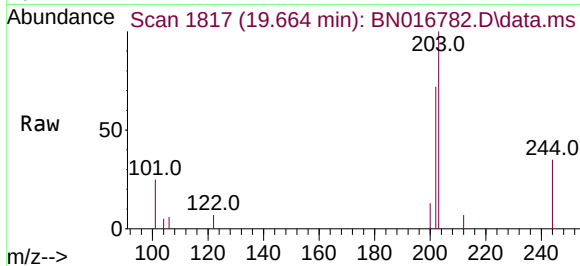
#31
Terphenyl-d14
Concen: 0.006 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:244 Resp: 1328
Ion Ratio Lower Upper
244 100
212 19.5 5.8 8.6#
122 19.4 8.9 13.3#

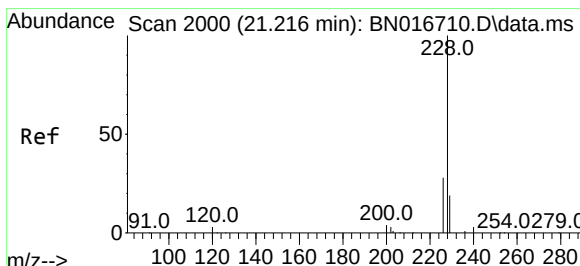
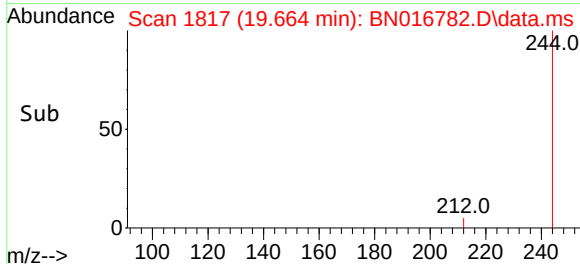
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

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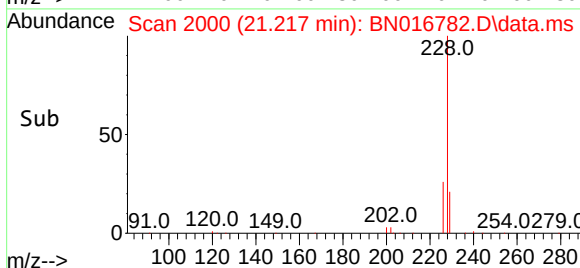
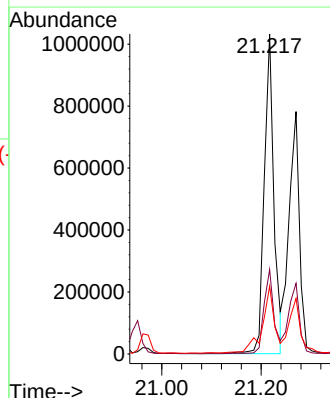
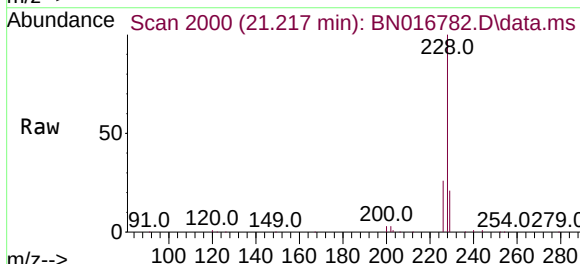


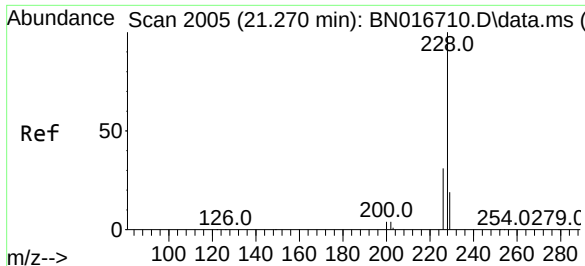
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#32
Benzo(a)anthracene
Concen: 4.177 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

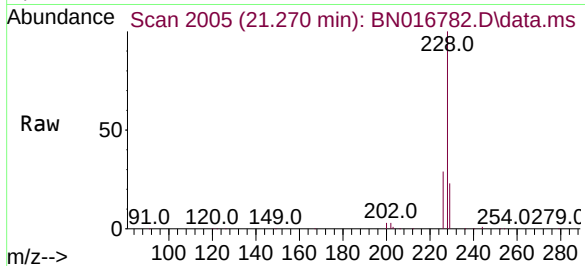
Tgt Ion:228 Resp: 1394580
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 21.2 15.4 23.0





#33
Chrysene
Concen: 3.359 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

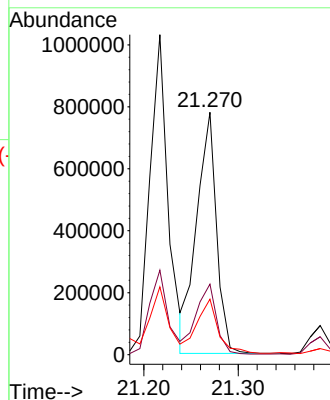
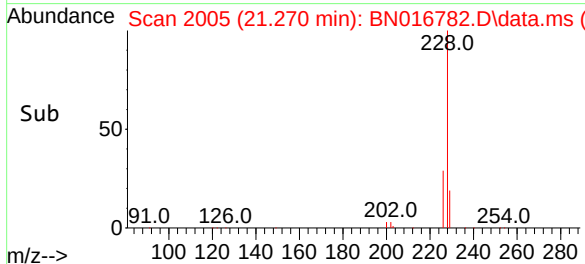
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



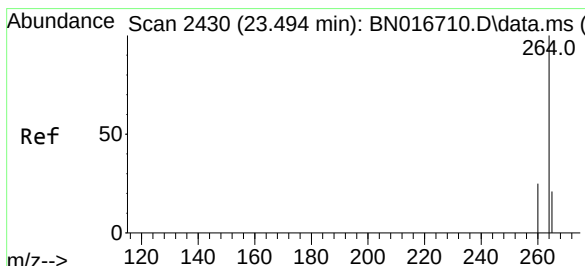
Tgt Ion:228 Resp: 1137620
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 22.9 15.4 23.0

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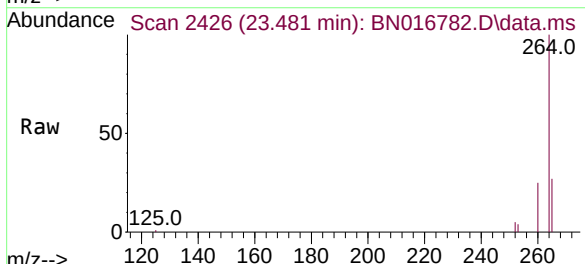
mohammad



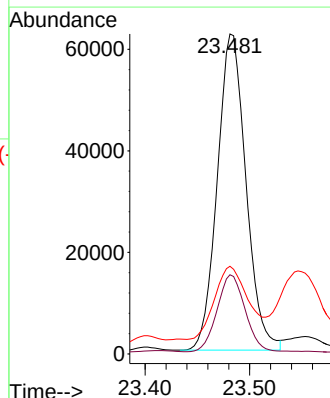
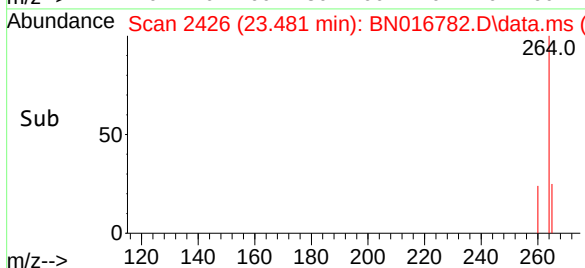
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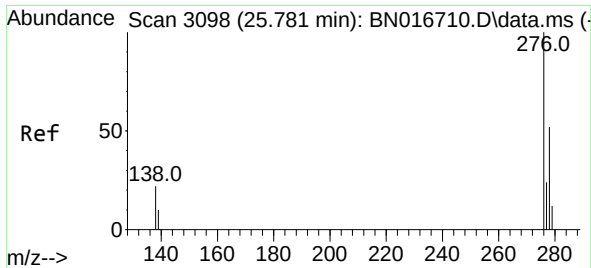


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51



Tgt Ion:264 Resp: 118643
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 27.4 20.3 30.5





#36
Indeno(1,2,3-cd)pyrene
Concen: 1.324 ng
RT: 25.757 min Scan# 3091
Delta R.T. 0.004 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

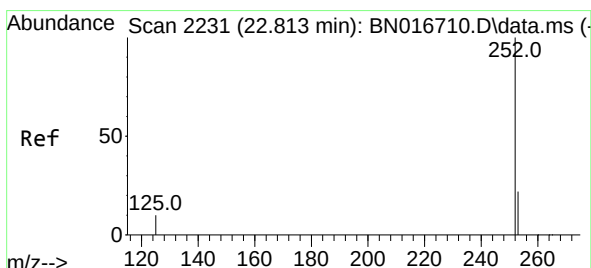
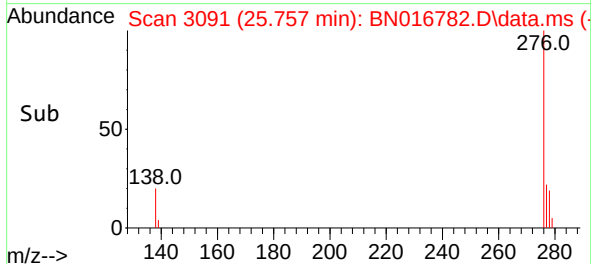
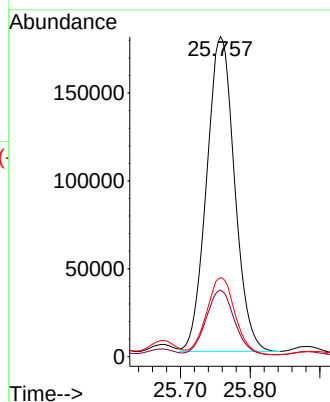
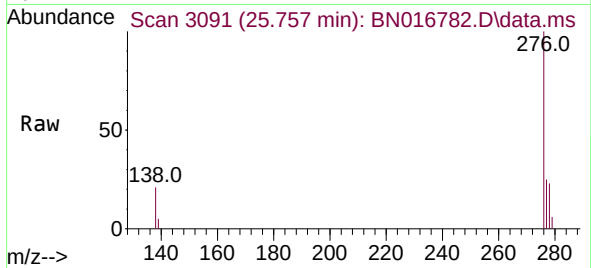
Tgt Ion:	276	Resp:	498756
Ion Ratio	Lower	Upper	
276	100		
138	20.9	19.2	28.8
277	24.9	20.0	30.0

Instrument :
BNA_N
ClientSampleId :
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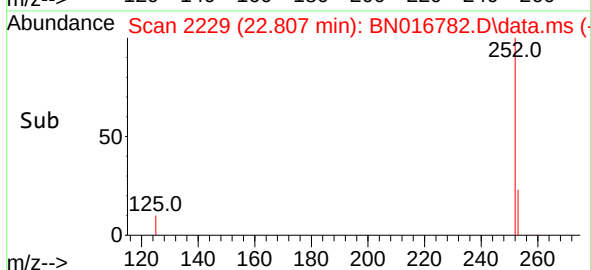
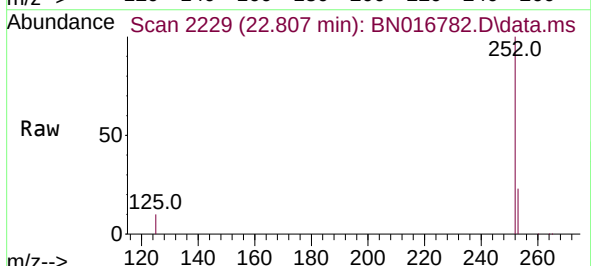
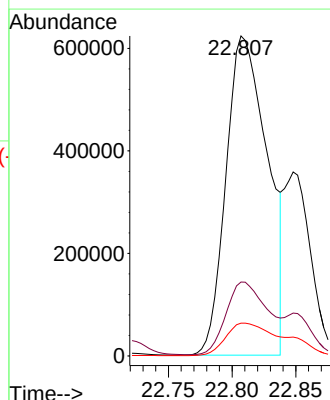
mohammad

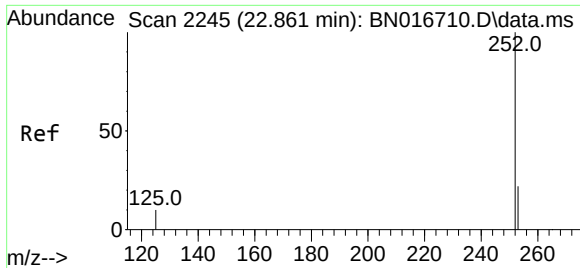
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#37
Benzo(b)fluoranthene
Concen: 3.681 ng
RT: 22.807 min Scan# 2229
Delta R.T. 0.004 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:	252	Resp:	1412045
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	10.3	8.3	12.5





#38
Benzo(k)fluoranthene
Concen: 1.409 ng m
RT: 22.848 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

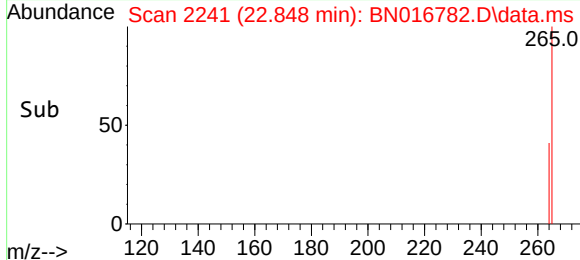
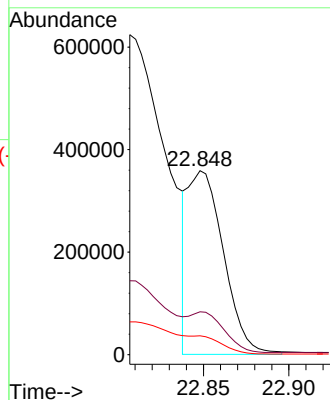
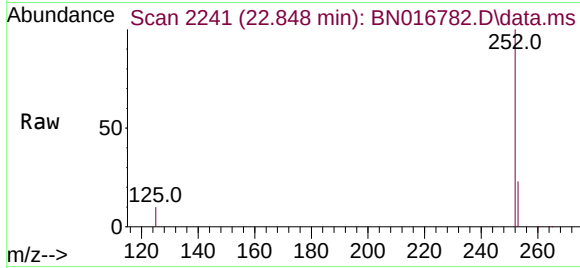
Tgt Ion:	252	Resp:	519619
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	10.3	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
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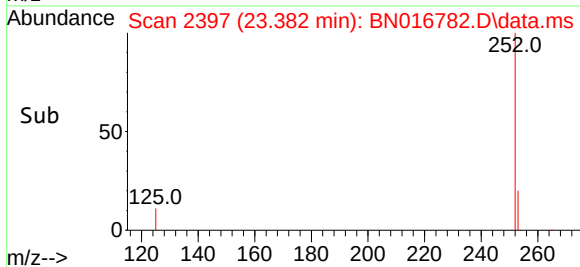
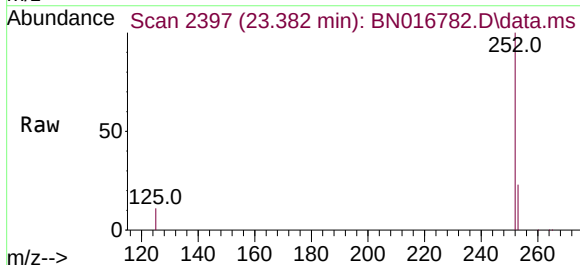
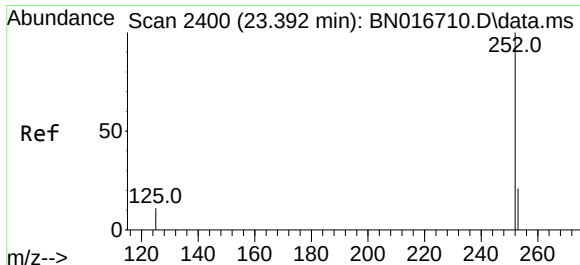
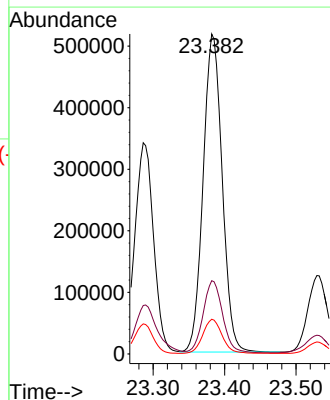
mohammad

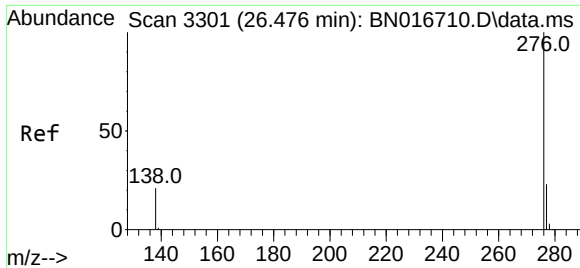
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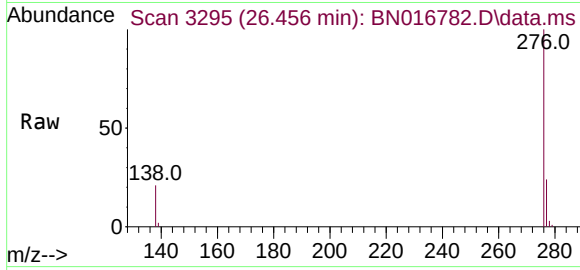
#39
Benzo(a)pyrene
Concen: 2.788 ng
RT: 23.382 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:	252	Resp:	956994
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	10.9	9.4	14.2

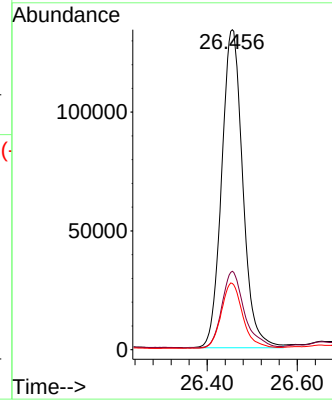
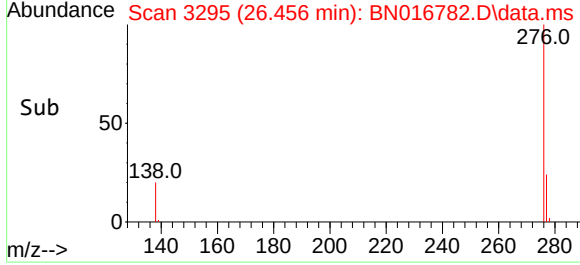




#41
 Benzo(g,h,i)perylene
 Concen: 1.300 ng
 RT: 26.456 min Scan# 3295
 Delta R.T. 0.004 min
 Lab File: BN016782.D
 Acq: 06 Oct 2021 16:51



Tgt Ion:	276	Resp:	434753
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.0	28.4
138	20.7	17.0	25.6



Instrument :
 BNA_N
 ClientSampleId :
 S-832-J-SO-1-1.5-092221DL

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