

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015153.D
 Acq On : 27 Jun 2021 15:05
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Manual Integrations
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Quant Time: Jun 28 01:28:23 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3778	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	13286	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.349	164	8026	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.099	188	16062	0.400	ng/ul	-0.01
17) Chrysene-d12	21.302	240	13257	0.400	ng/ul	#-0.01
23) Perylene-d12	23.549	264	13305	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	11151	2.619	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4236	0.203	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	10783	0.248	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.546	128	93741	2.212	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	51117	1.843	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	42717	1.592	ng/ul	98
10) Acenaphthylene	14.071	152	104698	2.523	ng/ul	99
11) Acenaphthene	14.414	153	106549	3.351	ng/ul	98
12) Fluorene	15.404	166	179312	5.103	ng/ul	100
15) Phenanthrene	17.141	178	1514891	25.986	ng/ul	99
16) Anthracene	17.229	178	382240	7.437	ng/ul	99
19) Fluoranthene	19.164	202	1438055	23.475	ng/ul	100
20) Pyrene	19.527	202	1186812	19.317	ng/ul	100
21) Benzo(a)anthracene	21.284	228	603929	12.298	ng/ul	97
22) Chrysene	21.337	228	512335	8.715	ng/ul	96
24) Benzo(b)fluoranthene	22.877	252	585272m	9.416	ng/ul	
25) Benzo(k)fluoranthene	22.915	252	209296m	2.983	ng/ul	
26) Benzo(a)pyrene	23.453	252	446844	8.559	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.804	276	258049	4.093	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.814	278	70206	1.420	ng/ul	98
29) Benzo(g,h,i)perylene	26.498	276	213134	3.648	ng/ul	99

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

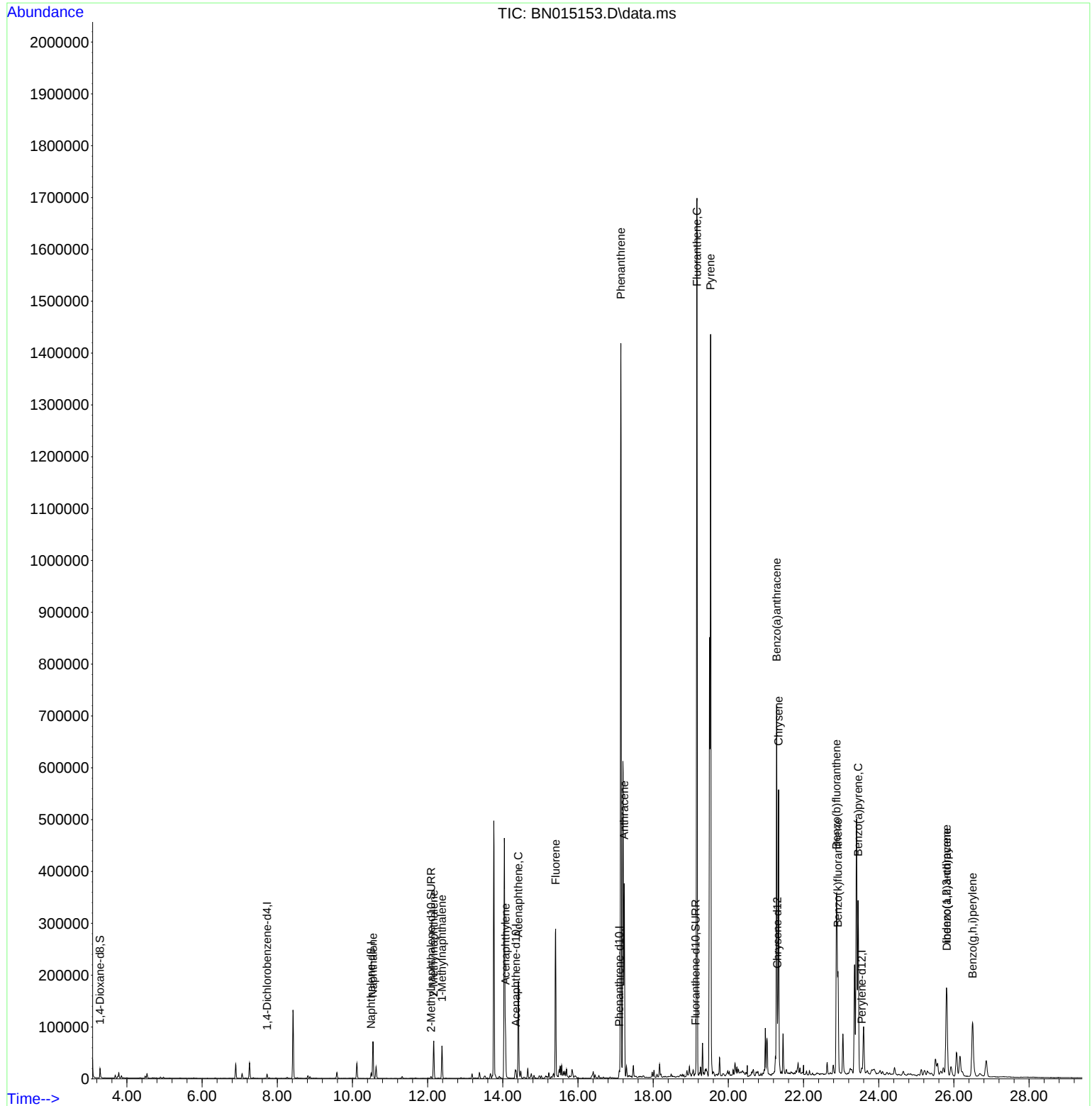
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
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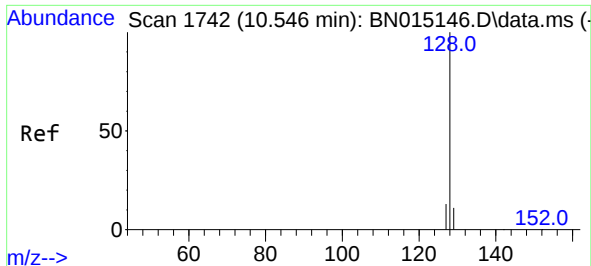
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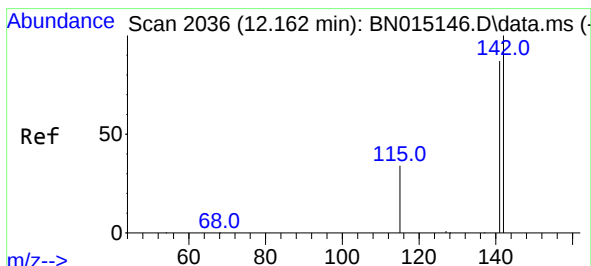
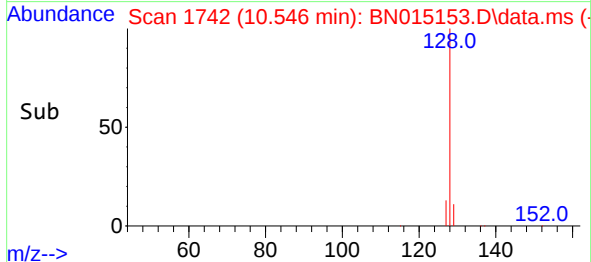
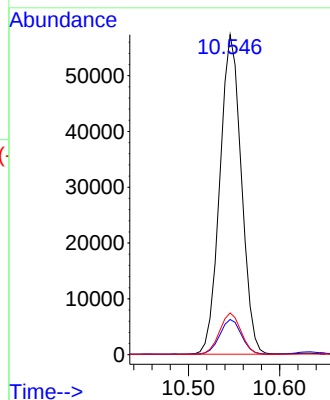
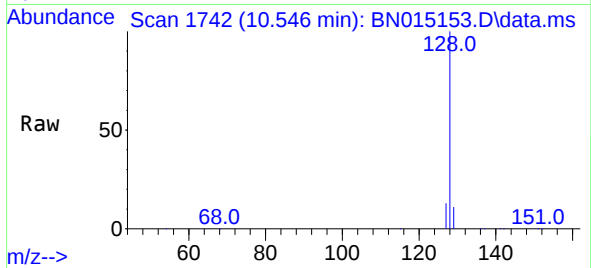
#5
Naphthalene
Concen: 2.212 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:128 Resp: 93741
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.0 10.8 16.2

Instrument :
BNA_N
ClientSampleId :
BGD87

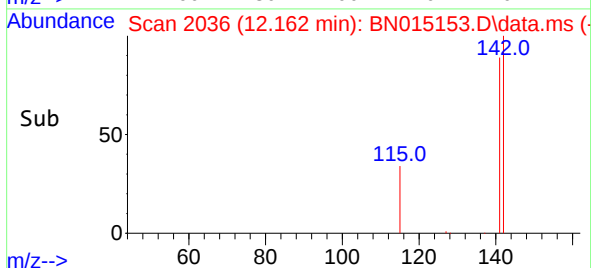
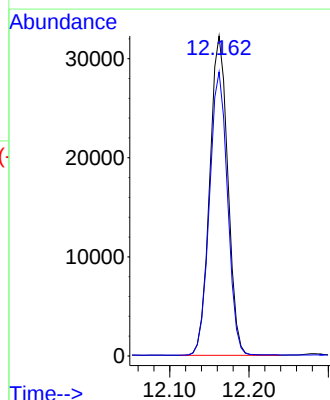
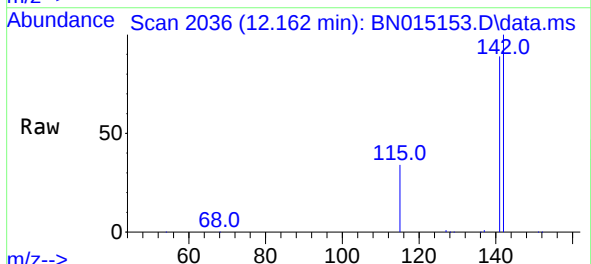
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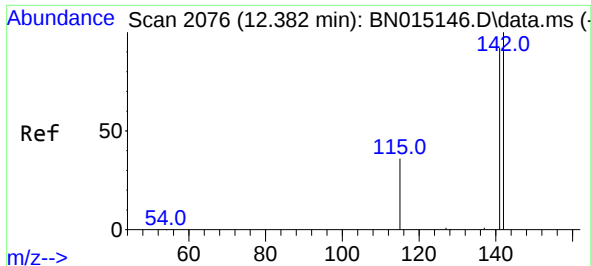
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#7
2-Methylnaphthalene
Concen: 1.843 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:142 Resp: 51117
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5





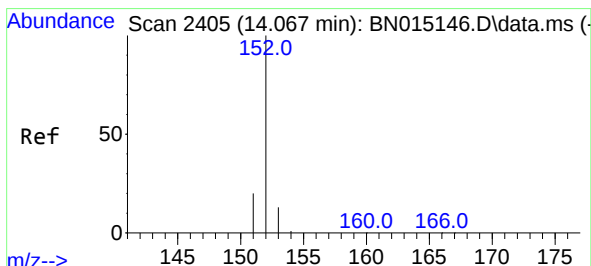
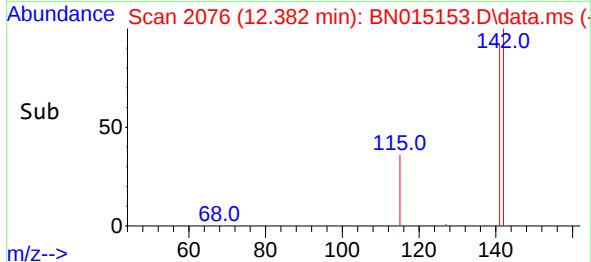
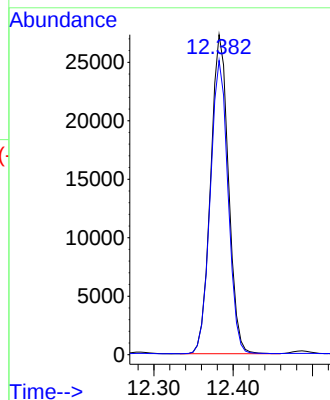
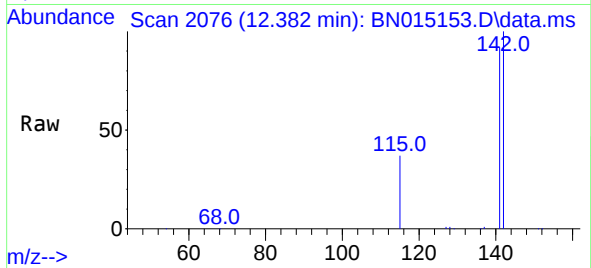
#8
1-Methylnaphthalene
Concen: 1.592 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:142 Resp: 42717
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4

Instrument :
BNA_N
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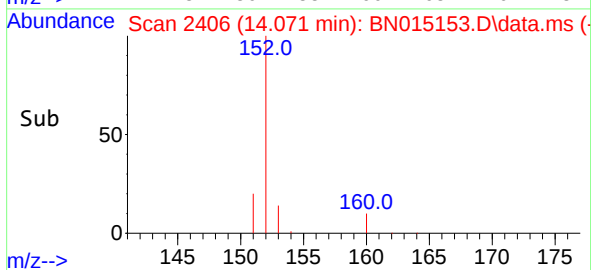
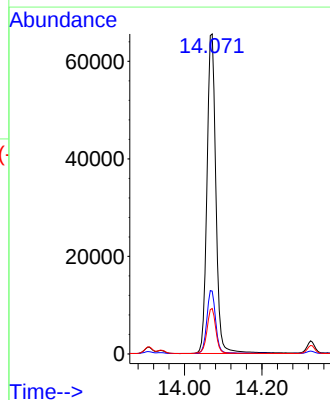
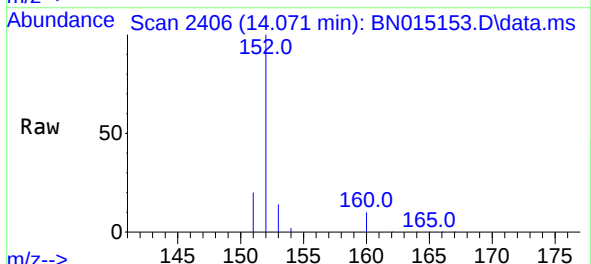
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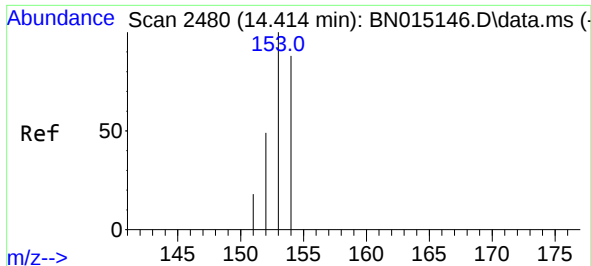
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#10
Acenaphthylene
Concen: 2.523 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:152 Resp: 104698
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 14.2 10.9 16.3





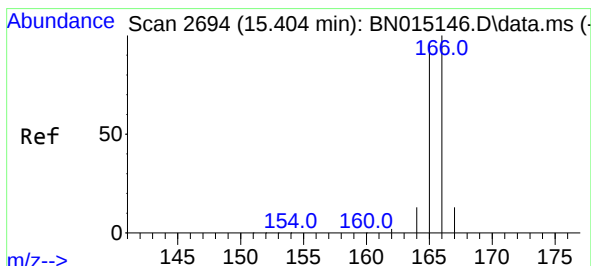
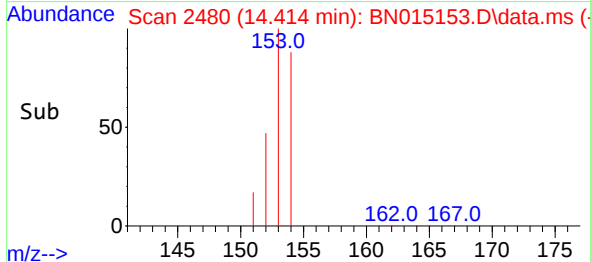
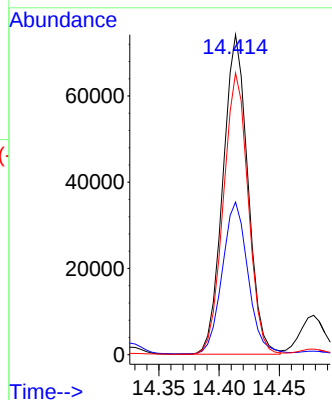
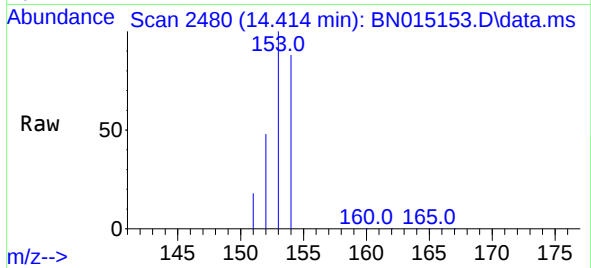
#11
Acenaphthene
Concen: 3.351 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:153 Resp: 106549
Ion Ratio Lower Upper
153 100
152 47.7 39.8 59.6
154 88.0 69.8 104.8

Instrument :
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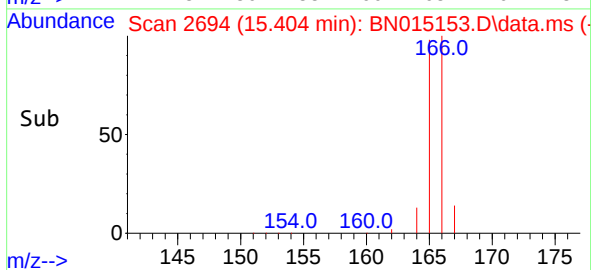
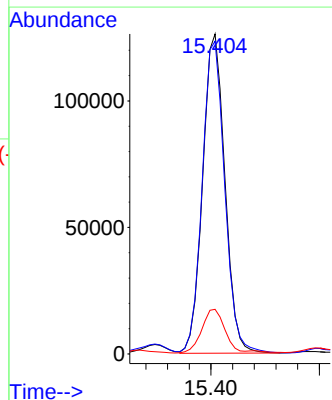
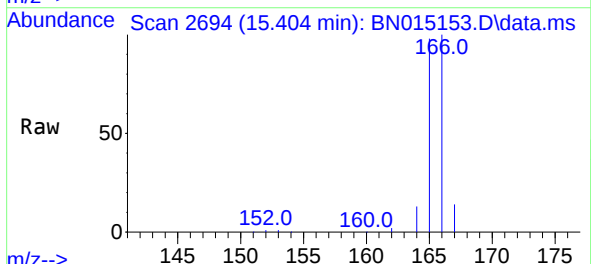
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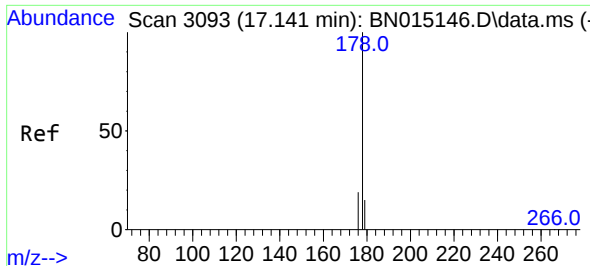
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#12
Fluorene
Concen: 5.103 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

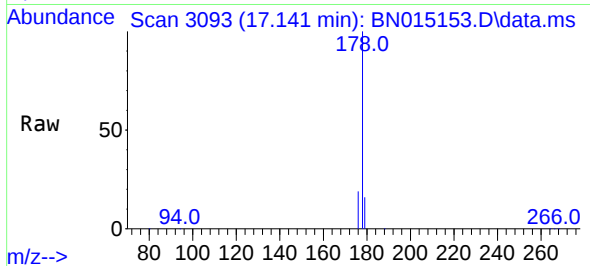
Tgt Ion:166 Resp: 179312
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 14.0 11.2 16.8





#15
Phenanthrene
Concen: 25.986 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

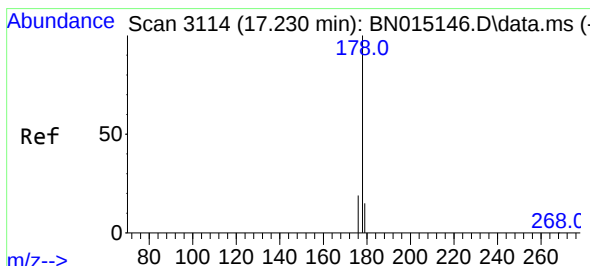
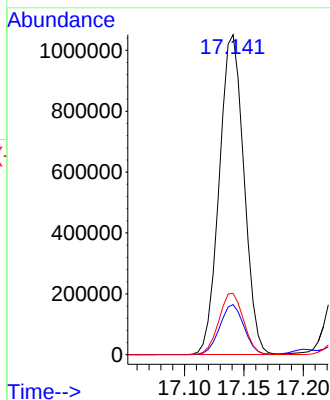
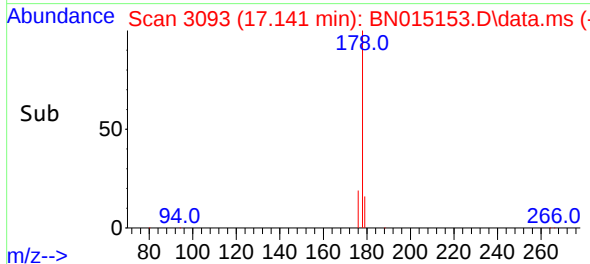
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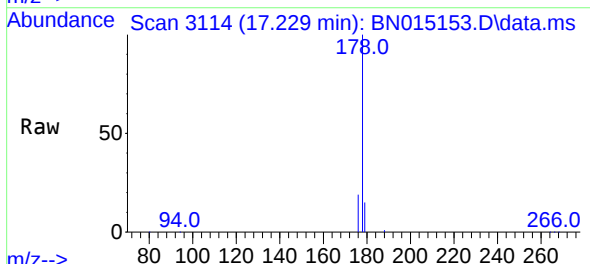
Tgt Ion:178 Resp: 1514891
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.1 15.5 23.3

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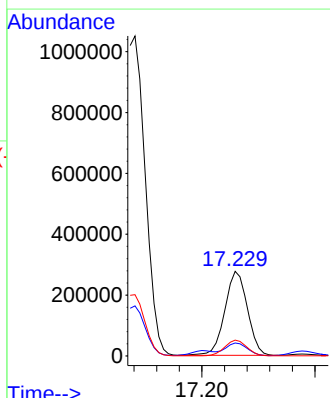
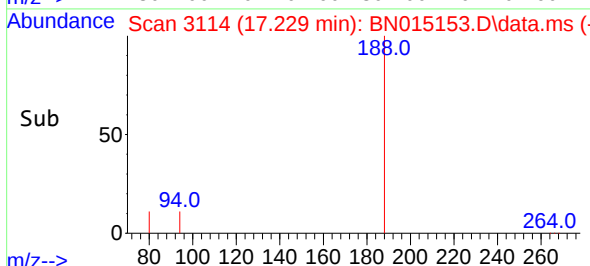
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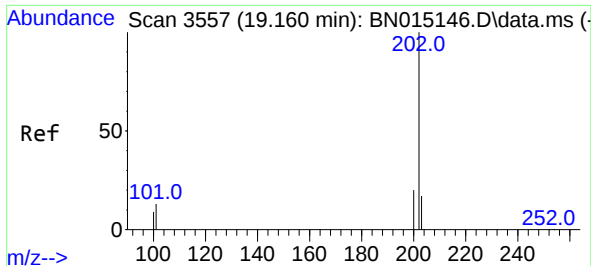


#16
Anthracene
Concen: 7.437 ng/ul
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05



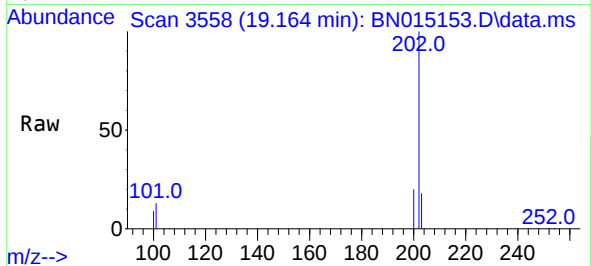
Tgt Ion:178 Resp: 382240
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.7 15.2 22.8





#19
Fluoranthene
Concen: 23.475 ng/u1
RT: 19.164 min Scan# 3558
Delta R.T. -0.011 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

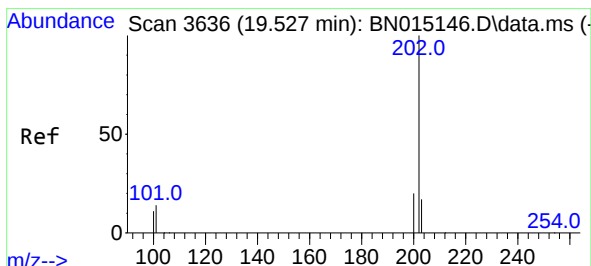
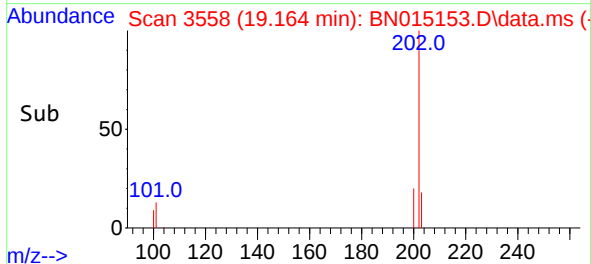
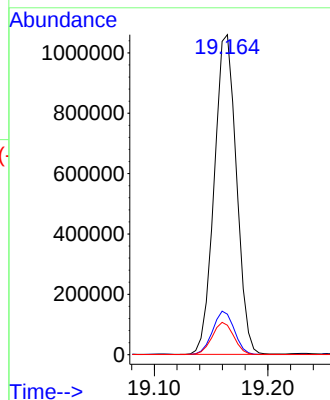
Instrument :
BNA_N
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Tgt Ion:202 Resp: 1438055
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.2 7.4 11.0

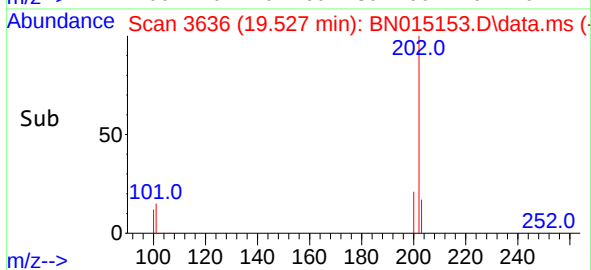
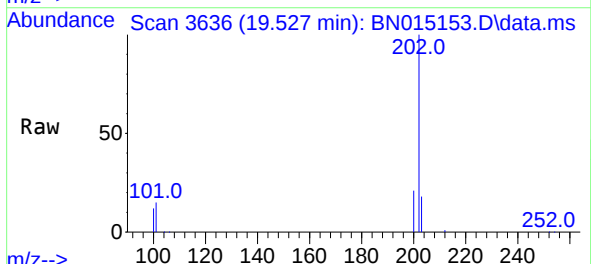
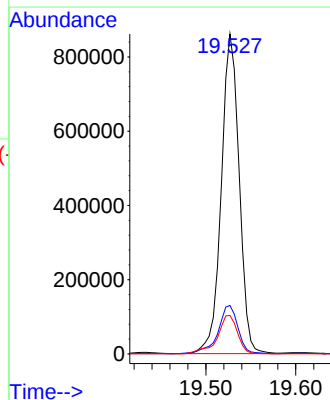
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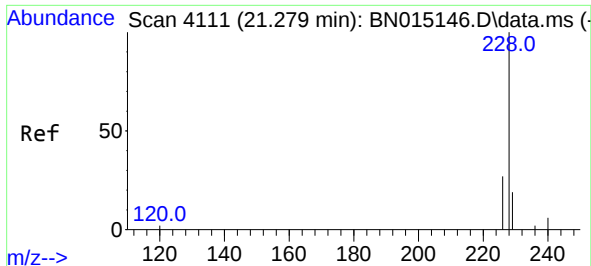
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#20
Pyrene
Concen: 19.317 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:202 Resp: 1186812
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.0 9.6 14.4





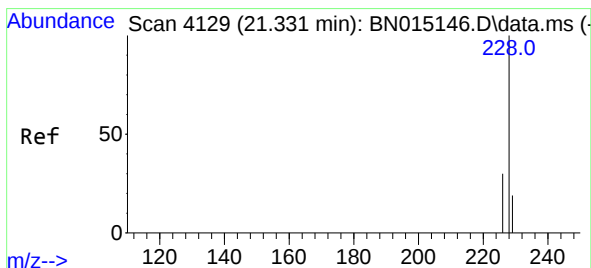
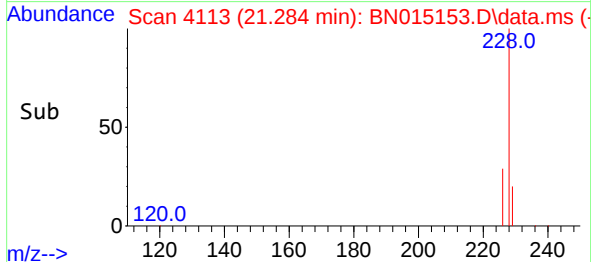
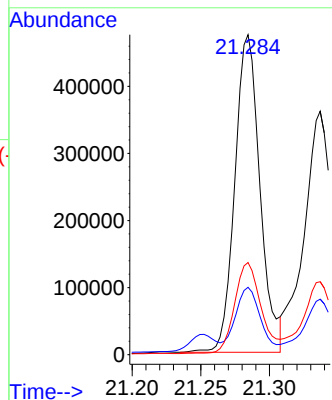
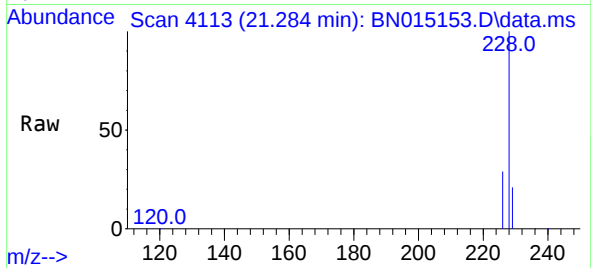
#21
Benzo(a)anthracene
Concen: 12.298 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:228 Resp: 603929
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 28.8 21.8 32.8

Instrument :
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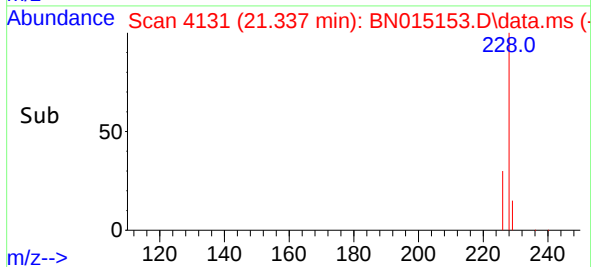
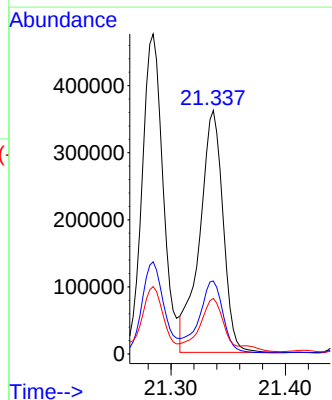
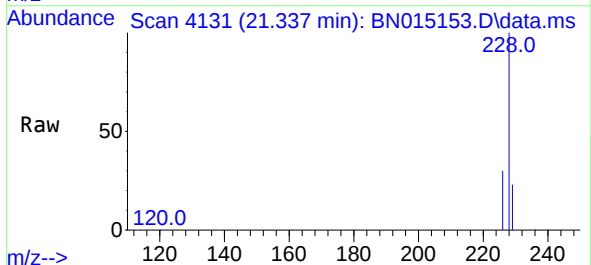
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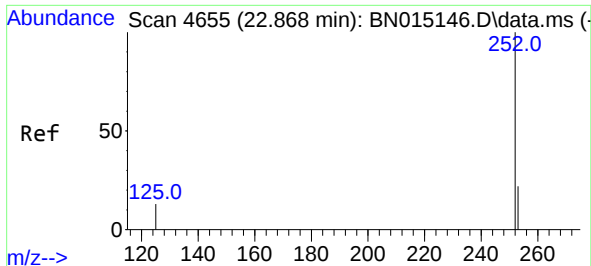
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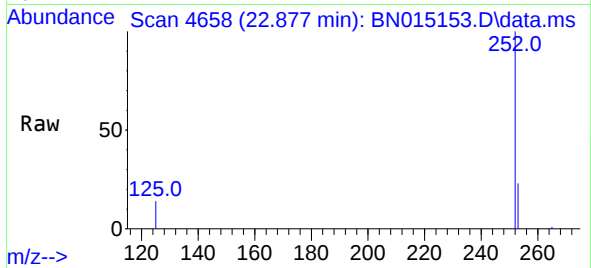
#22
Chrysene
Concen: 8.715 ng/ul
RT: 21.337 min Scan# 4131
Delta R.T. -0.012 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

Tgt Ion:228 Resp: 512335
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 22.8 15.7 23.5

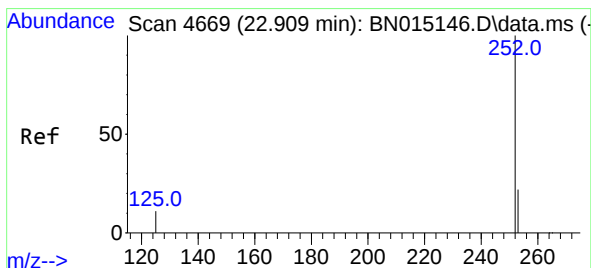
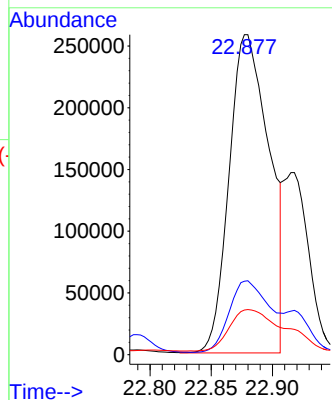
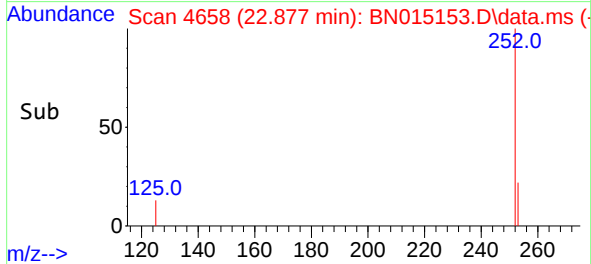




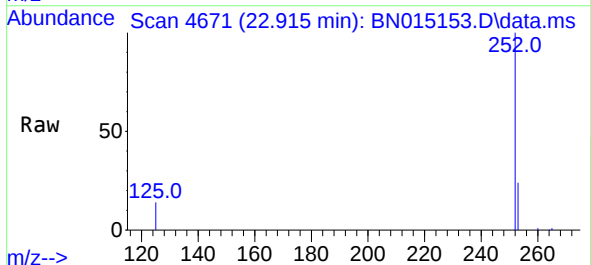
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Benzo(b)fluoranthene
Concen: 9.416 ng/ul m
RT: 22.877 min Scan# 4658
Delta R.T. -0.018 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05



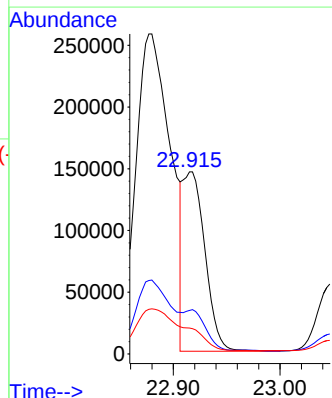
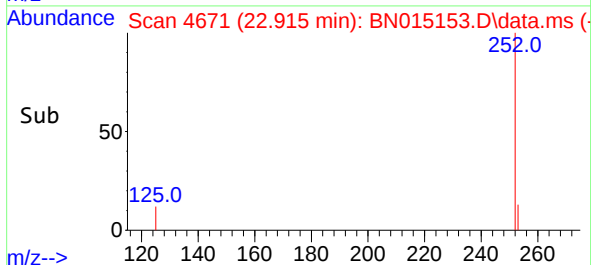
Tgt Ion:252 Resp: 585272
Ion Ratio Lower Upper
252 100
253 23.0 0.0 45.6
125 14.0 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 2.983 ng/ul m
RT: 22.915 min Scan# 4671
Delta R.T. -0.023 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05



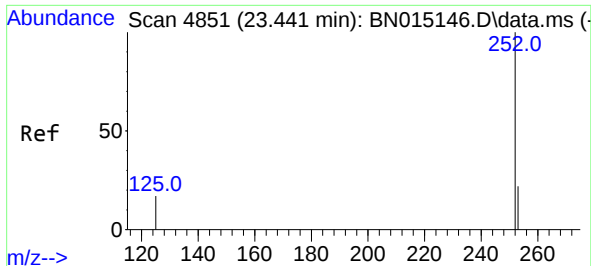
Tgt Ion:252 Resp: 209296
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 14.2 11.5 17.3



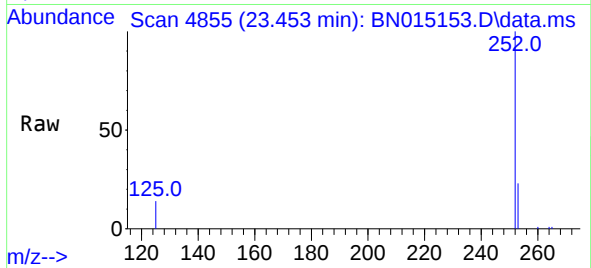
Instrument :
BNA_N
ClientSampleId :
BGD87

Manual Integrations
APPROVED

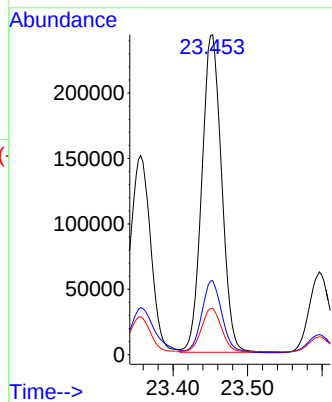
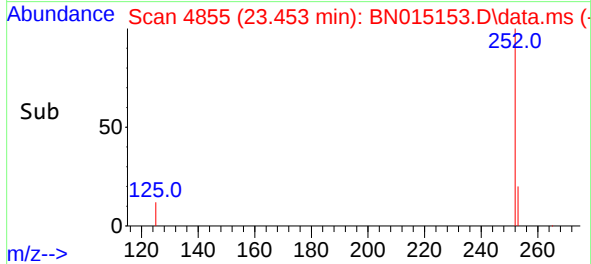
mohammad
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#26
Benzo(a)pyrene
Concen: 8.559 ng/ul
RT: 23.453 min Scan# 4855
Delta R.T. -0.018 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05



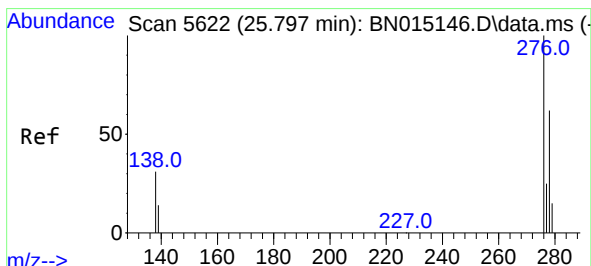
Tgt Ion:252 Resp: 446844
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 14.5 13.5 20.3



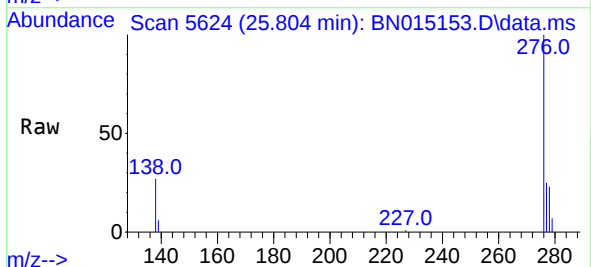
Instrument :
BNA_N
ClientSampled :
BGD87

Manual Integrations
APPROVED

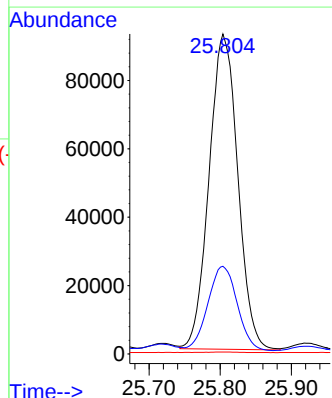
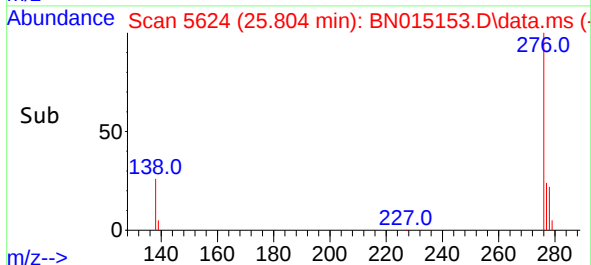
mohammad
6/28/2021 1:28:42 PM

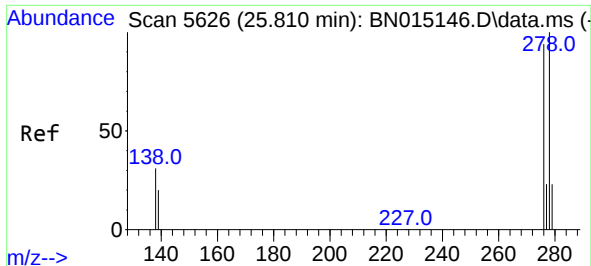


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.093 ng/ul
RT: 25.804 min Scan# 5624
Delta R.T. -0.037 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05



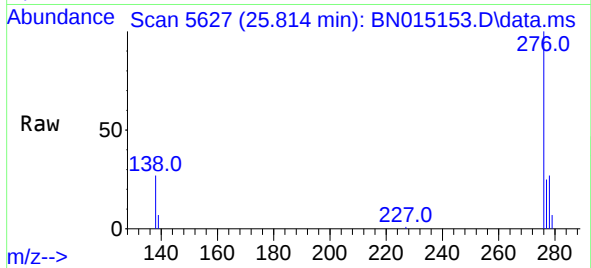
Tgt Ion:276 Resp: 258049
Ion Ratio Lower Upper
276 100
138 27.4 26.3 39.5
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.420 ng/ul
RT: 25.814 min Scan# 5627
Delta R.T. -0.047 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05

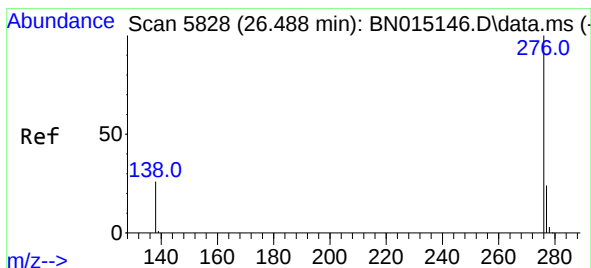
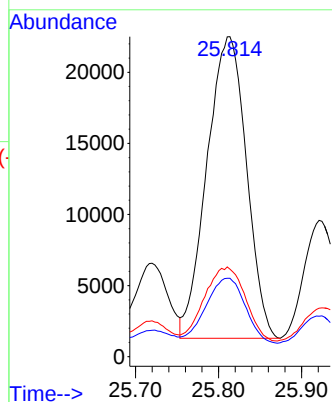
Instrument :
BNA_N
ClientSampleId :
BGD87



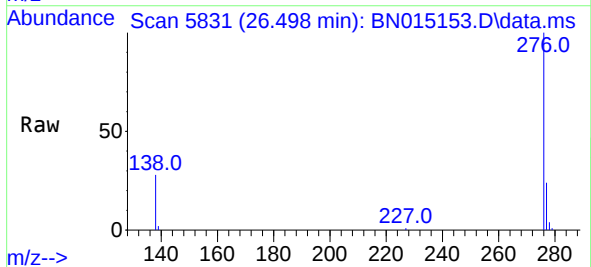
Tgt Ion:278 Resp: 70206
Ion Ratio Lower Upper
278 100
139 24.5 18.9 28.3
279 27.3 20.8 31.2

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 3.648 ng/ul
RT: 26.498 min Scan# 5831
Delta R.T. -0.027 min
Lab File: BN015153.D
Acq: 27 Jun 2021 15:05



Tgt Ion:276 Resp: 213134
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.4
277 24.3 19.3 28.9

