

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021027.D
 Acq On : 05 Aug 2022 15:16
 Operator : CG/JU
 Sample : N4026-05MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJG8MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

Quant Time: Aug 08 10:00:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	6754	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	3791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	7408	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	6128	0.400	ng/ul	0.00
23) Perylene-d12	23.760	264	5160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	35237m	13.469	ng/ul	-0.04
6) 2-Methylnaphthalene-d10	12.201	152	3430	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	8514	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5049	1.873	ng/ul#	84
5) Naphthalene	10.650	128	6506	0.314	ng/ul	100
7) 2-Methylnaphthalene	12.278	142	3896	0.310	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	4216	0.335	ng/ul	100
10) Acenaphthylene	14.173	152	5497	0.310	ng/ul	99
11) Acenaphthene	14.515	153	4436	0.303	ng/ul	99
12) Fluorene	15.510	166	5006	0.312	ng/ul	99
14) Pentachlorophenol	16.871	266	939	0.822	ng/ul	99
15) Phenanthrene	17.246	178	8668	0.327	ng/ul	100
16) Anthracene	17.343	178	6894	0.336	ng/ul	99
19) Fluoranthene	19.275	202	10396	0.383	ng/ul	99
20) Pyrene	19.638	202	10723	0.383	ng/ul	98
21) Benzo(a)anthracene	21.404	228	7729	0.387	ng/ul	99
22) Chrysene	21.456	228	9419	0.358	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	8527	0.357	ng/ul	98
25) Benzo(k)fluoranthene	23.099	252	8935	0.354	ng/ul	99
26) Benzo(a)pyrene	23.660	252	7668	0.352	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.182	276	8447	0.325	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	6795	0.331	ng/ul	98
29) Benzo(g,h,i)perylene	26.920	276	7641	0.329	ng/ul	100

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

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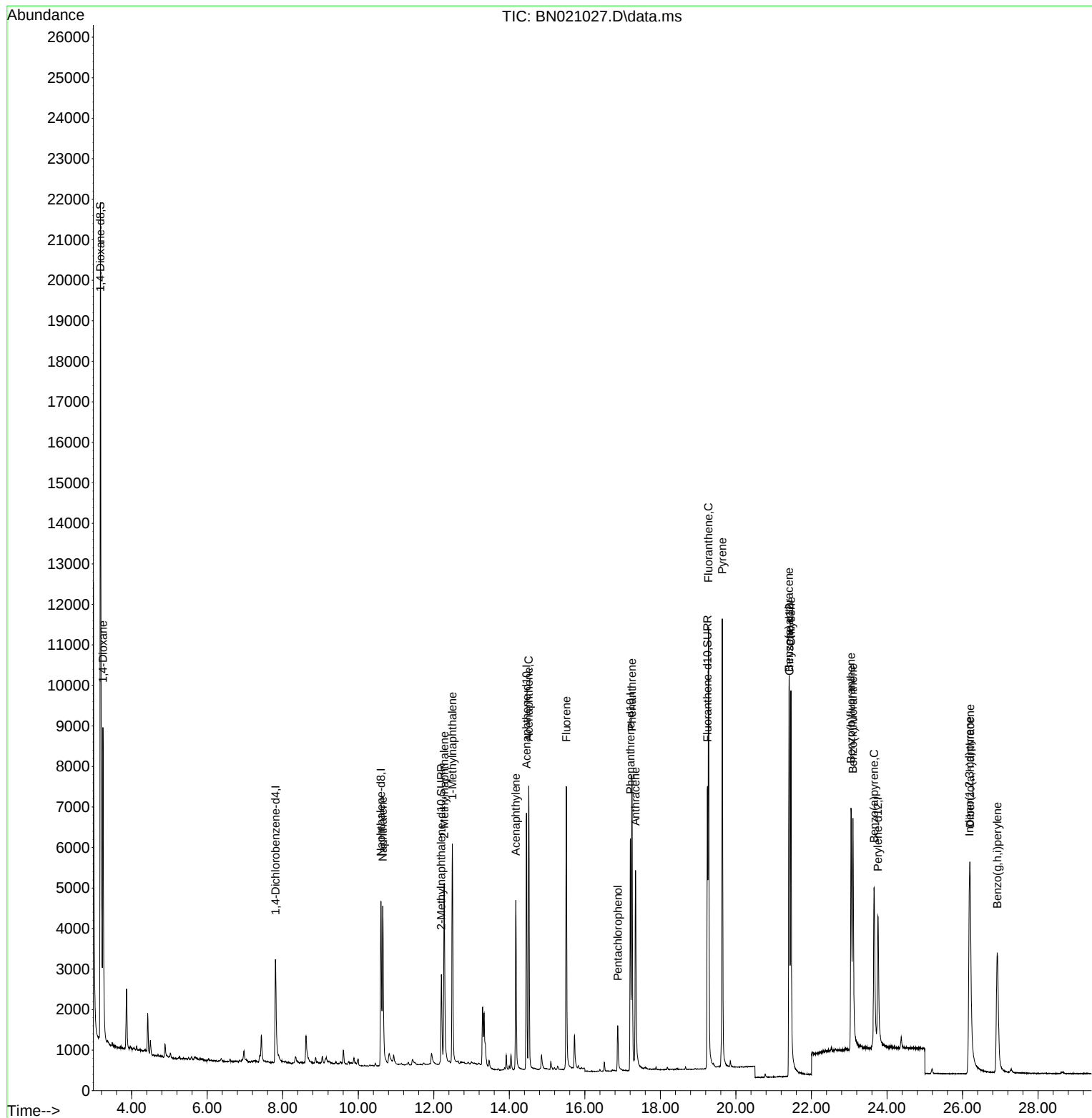
Quant Time: Aug 08 10:00:12 2022

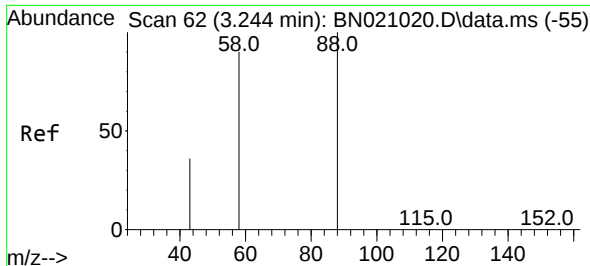
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 03 16:31:11 2022

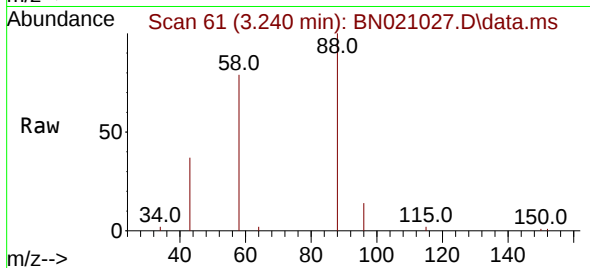
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.873 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

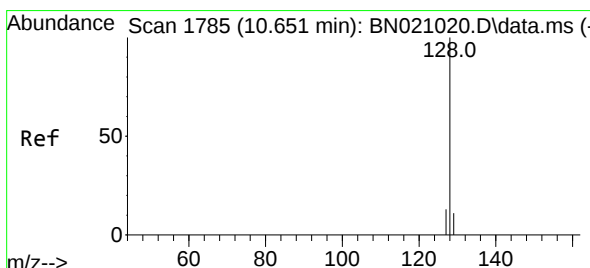
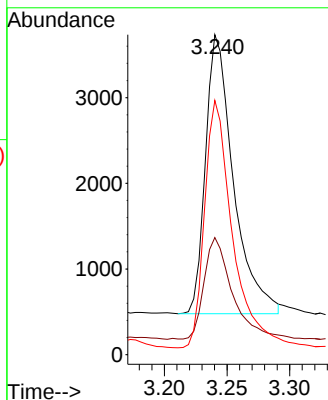
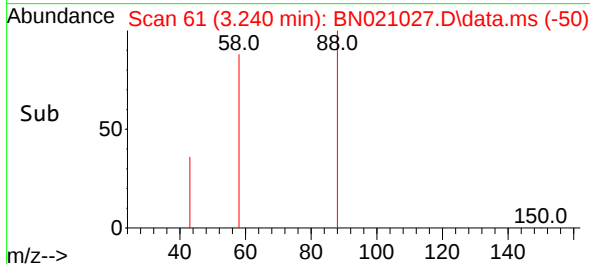
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion: 88 Resp: 5049
Ion Ratio Lower Upper
88 100
43 36.6 31.4 47.0
58 79.4 49.0 73.6

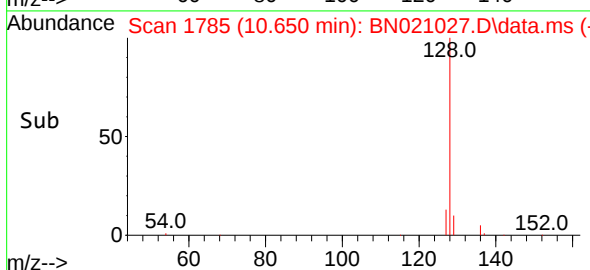
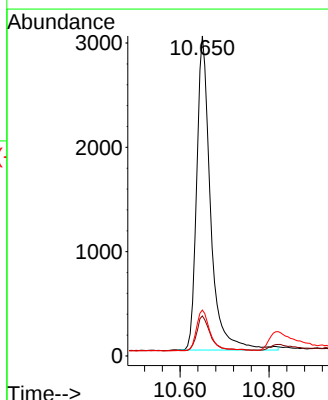
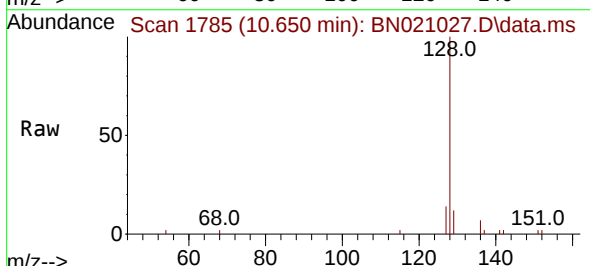
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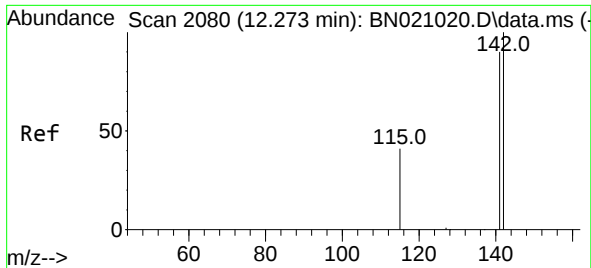
Reviewed By :Jagrut Upadhyay 08/08/2022
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#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.650 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

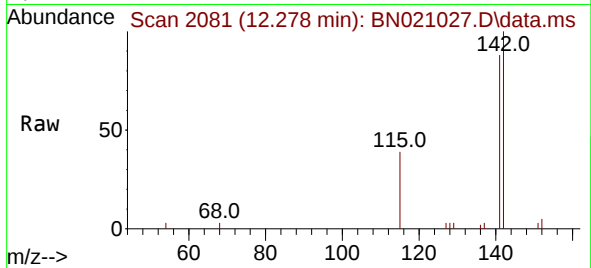
Tgt Ion:128 Resp: 6506
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.4 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.278 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

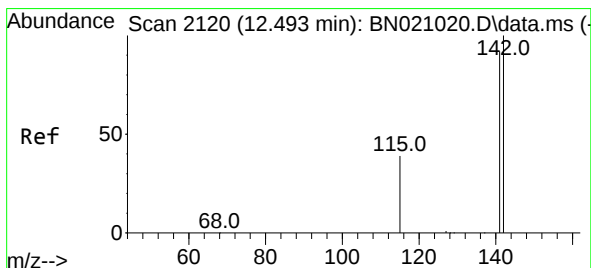
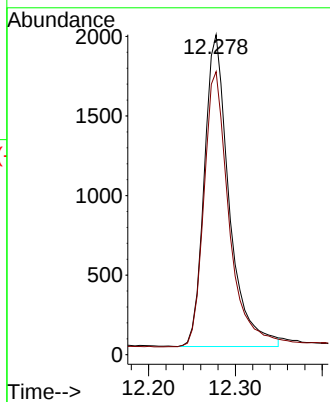
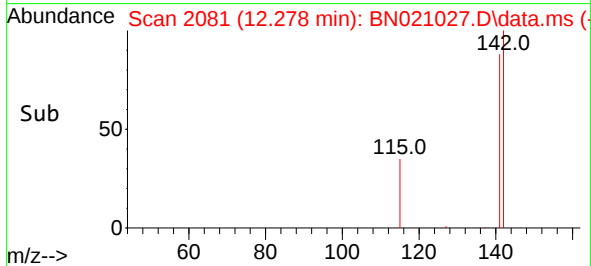
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



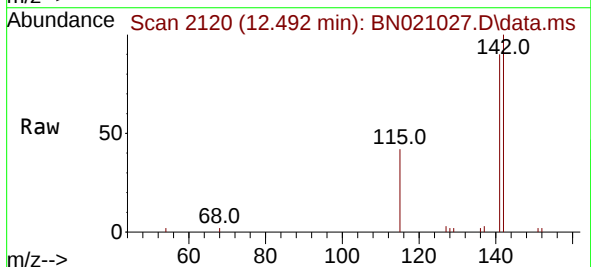
Tgt Ion:142 Resp: 3890
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2

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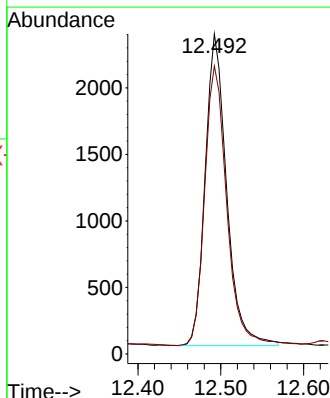
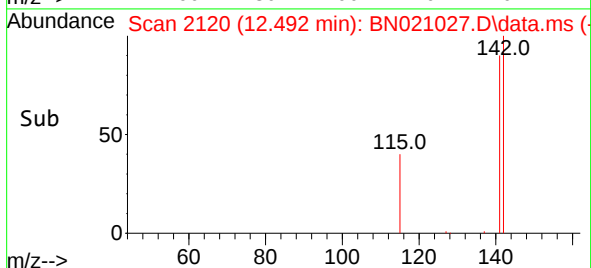
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

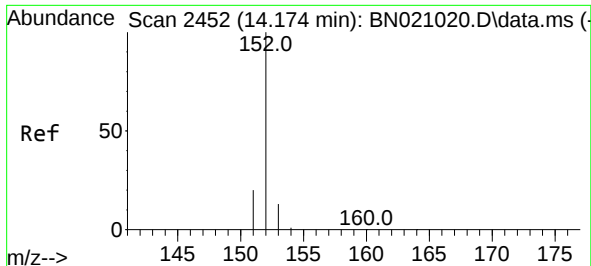


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.492 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16



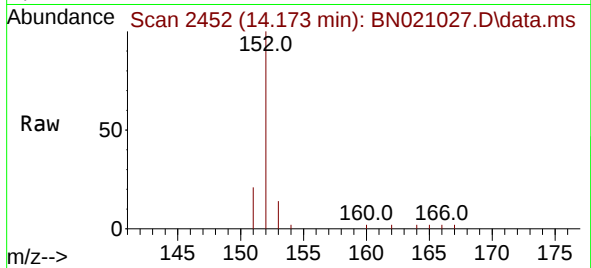
Tgt Ion:142 Resp: 4216
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9





#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.173 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

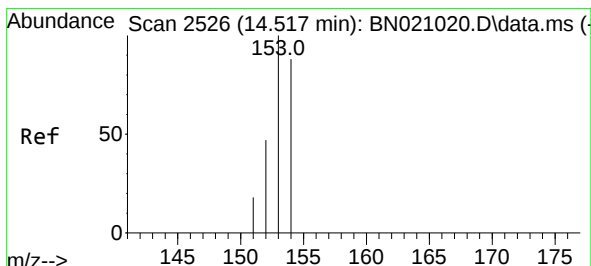
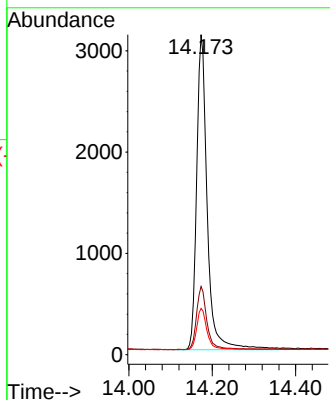
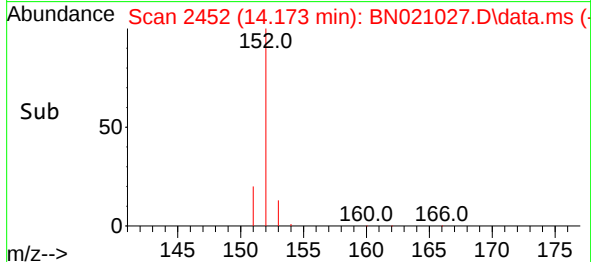
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:152 Resp: 549
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.4 11.2 16.8

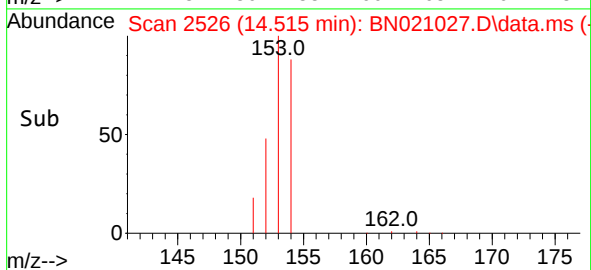
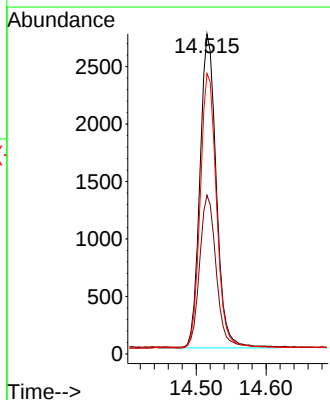
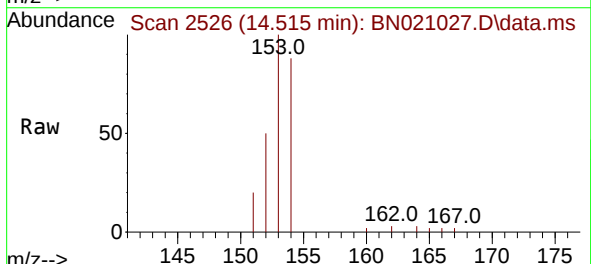
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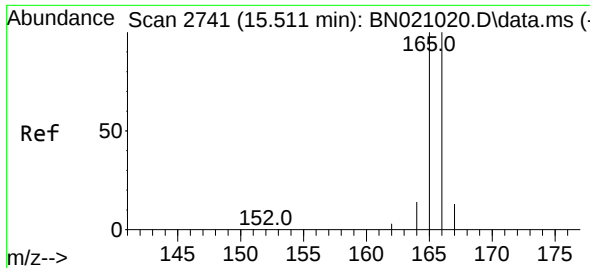
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

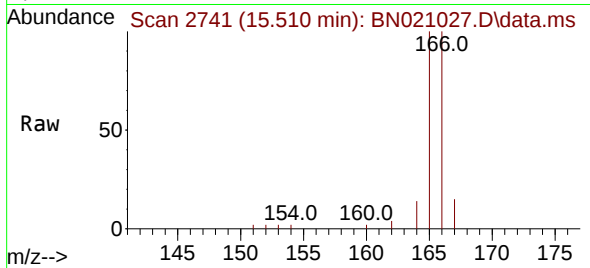
Tgt Ion:153 Resp: 4436
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 87.6 70.7 106.1





#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

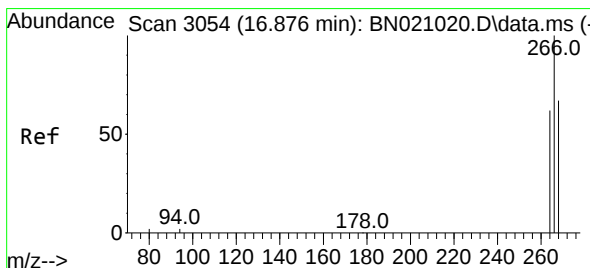
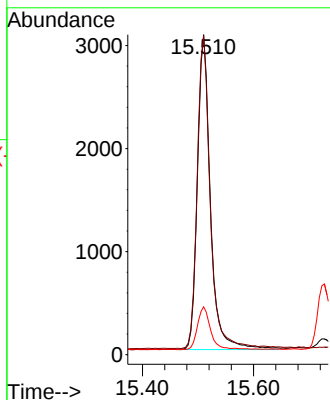
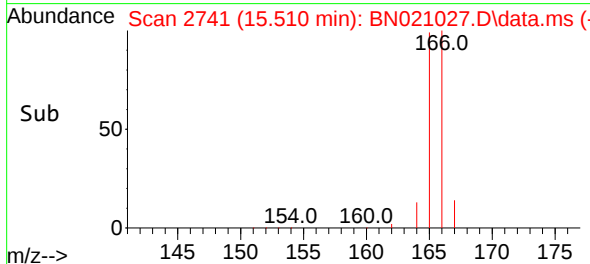
Instrument :
BNA_N
ClientSampleId :
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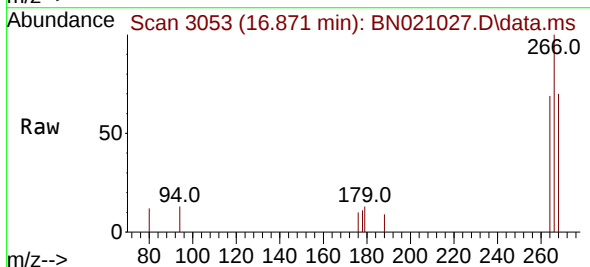
Tgt Ion:166 Resp: 500
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 15.0 11.8 17.6

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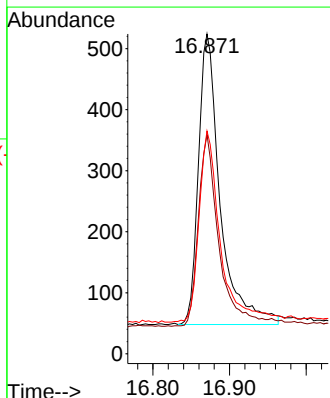
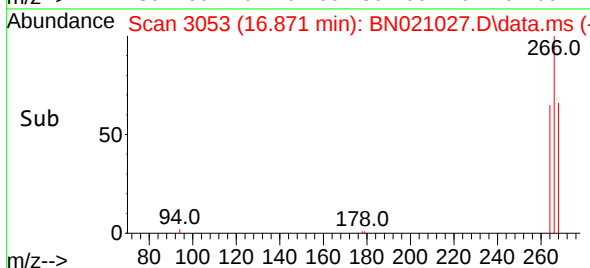
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

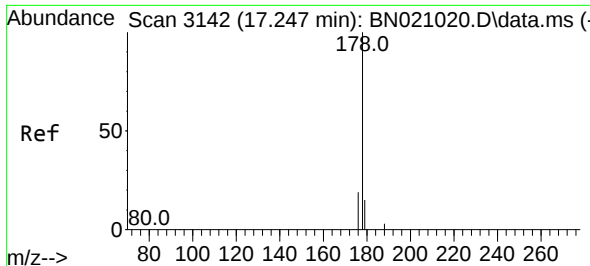


#14
Pentachlorophenol
Concen: 0.822 ng/ul
RT: 16.871 min Scan# 3053
Delta R.T. -0.010 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16



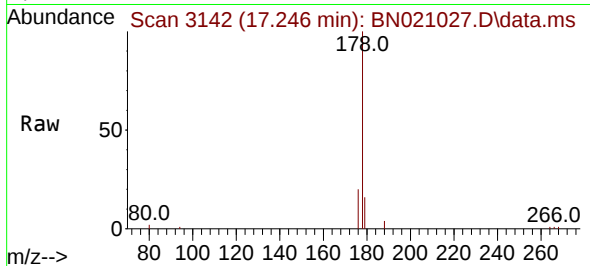
Tgt Ion:266 Resp: 939
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.8
268 64.4 50.6 75.8





#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.246 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

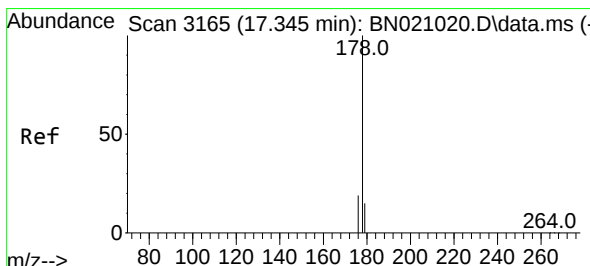
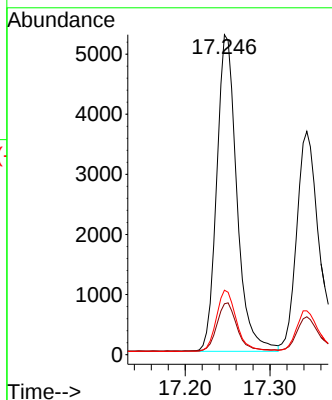
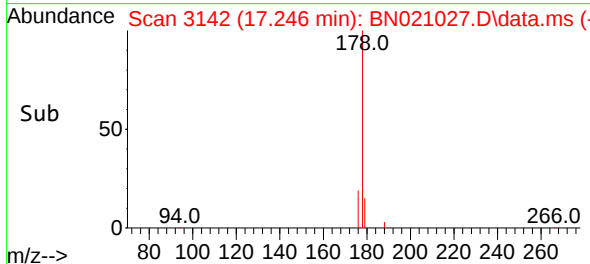
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:178 Resp: 8668
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.2 15.9 23.9

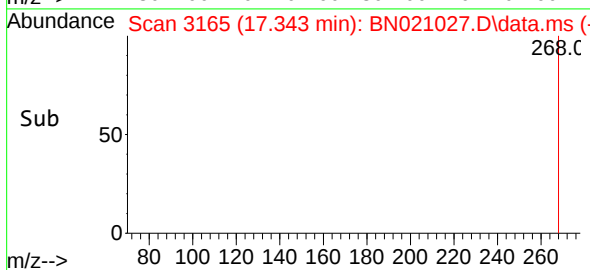
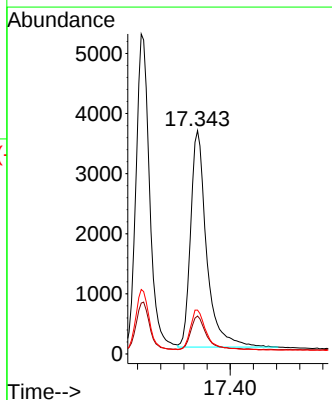
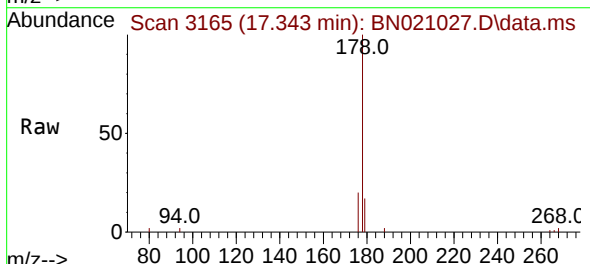
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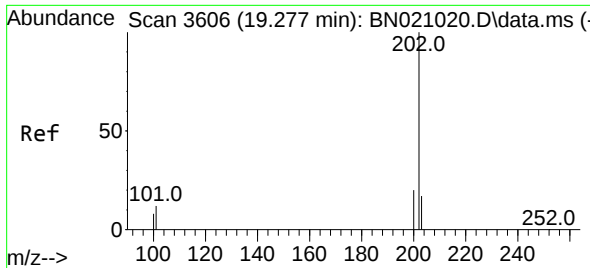
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

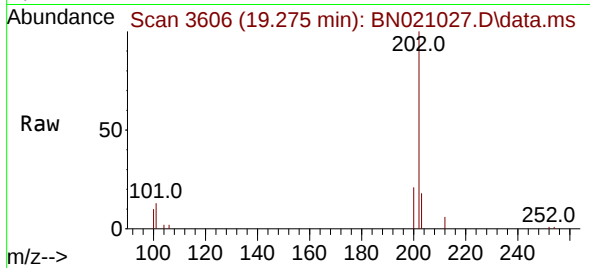
Tgt Ion:178 Resp: 6894
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.6 15.9 23.9





#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.006 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

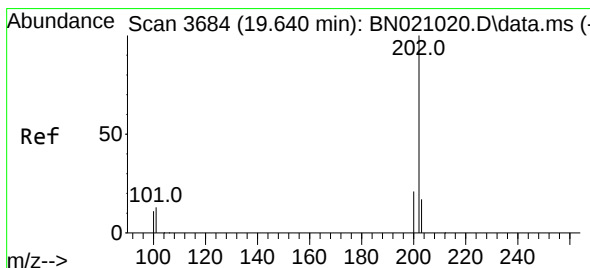
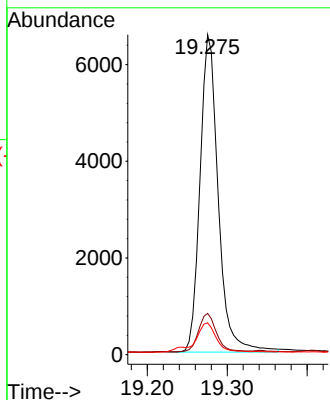
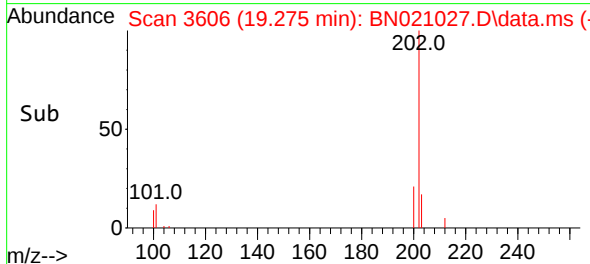
Instrument :
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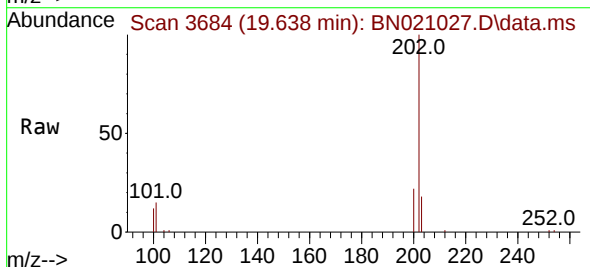
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Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.9 8.0 12.0

Manual Integrations
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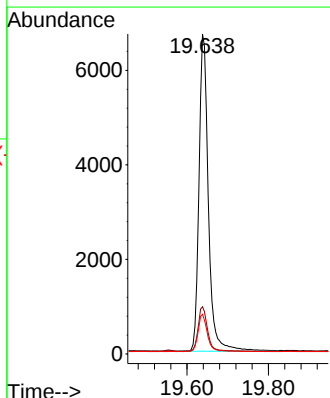
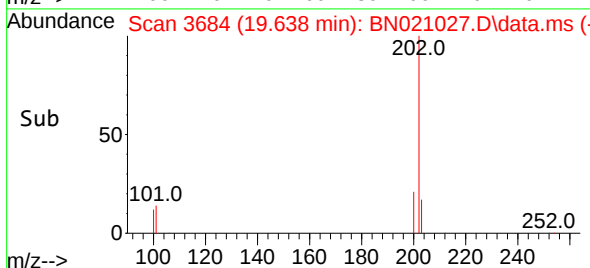
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

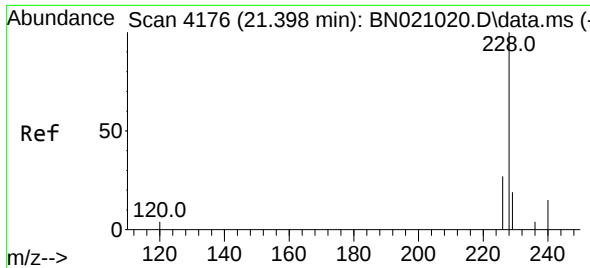


#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.638 min Scan# 3684
Delta R.T. -0.006 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16



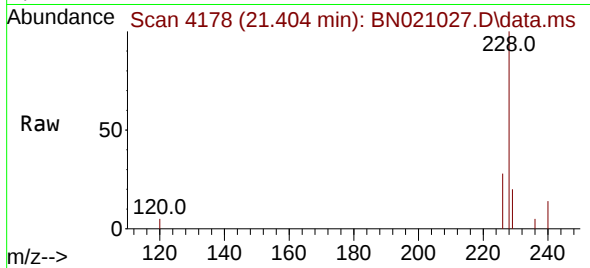
Tgt Ion:202 Resp: 10723
Ion Ratio Lower Upper
202 100
101 14.8 11.3 16.9
100 12.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.404 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

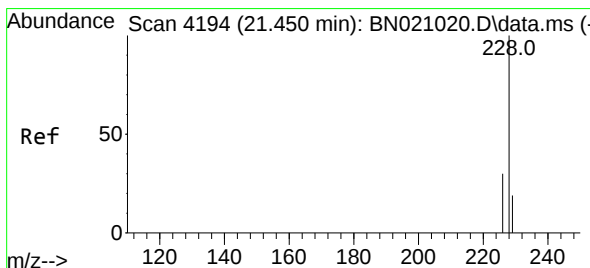
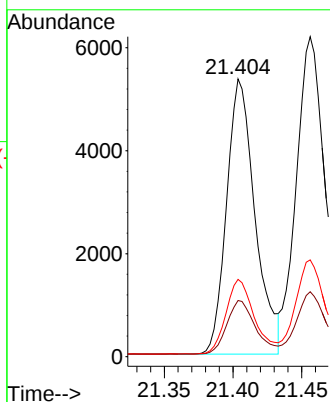
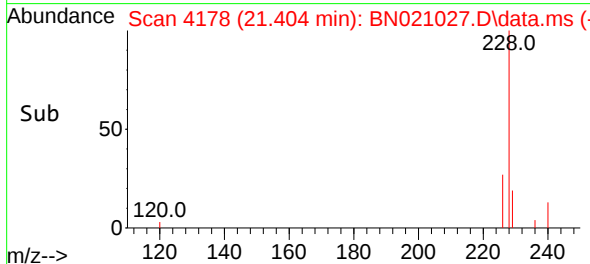
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:228 Resp: 7729
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.8 21.9 32.9

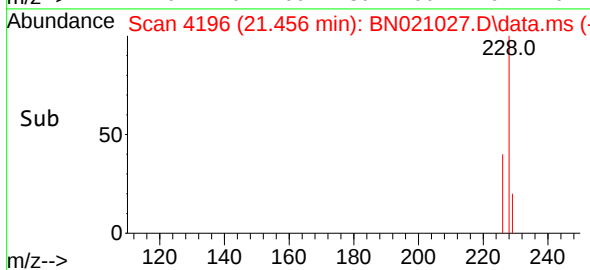
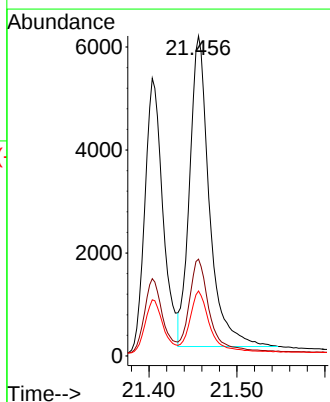
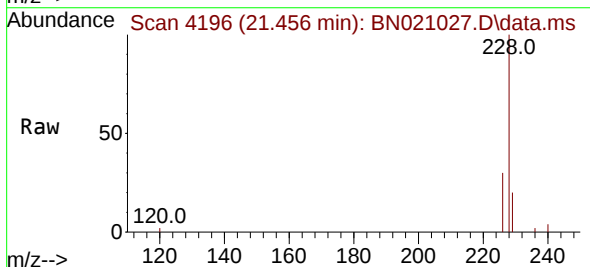
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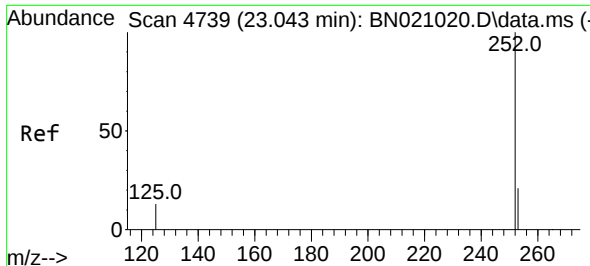
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

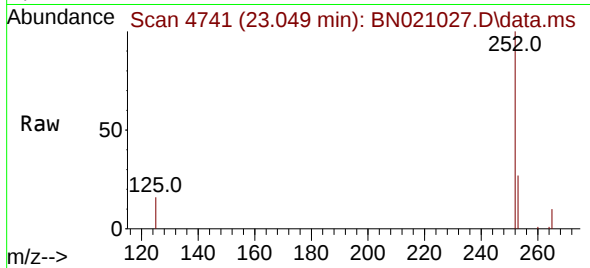
Tgt Ion:228 Resp: 9419
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

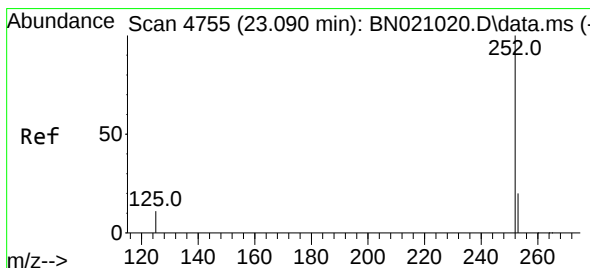
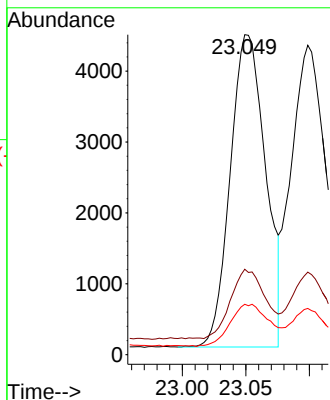
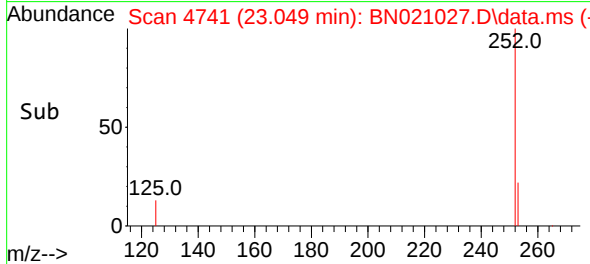
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:252 Resp: 852
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.8
125 15.8 0.0 30.0

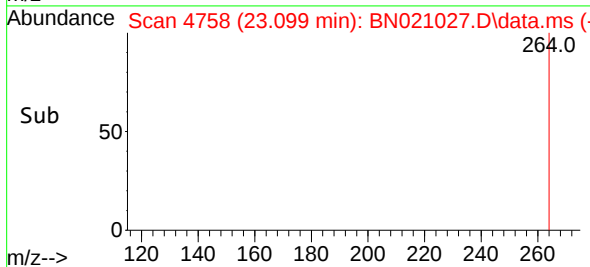
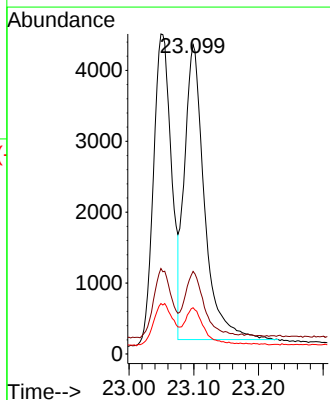
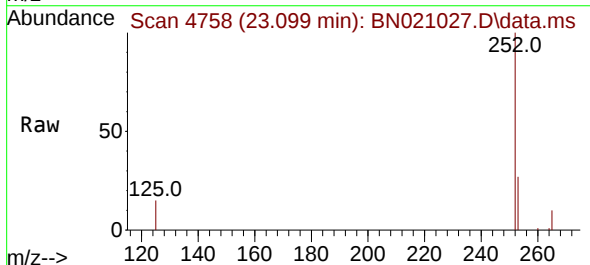
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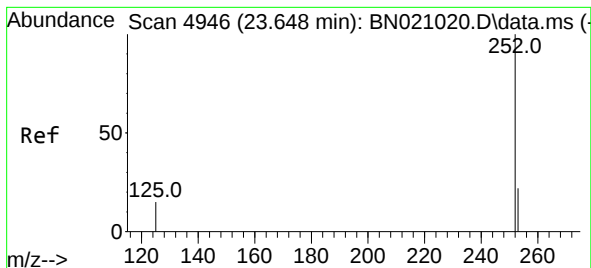
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

Tgt Ion:252 Resp: 8935
Ion Ratio Lower Upper
252 100
253 26.7 20.6 31.0
125 14.9 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.352 ng/ul

RT: 23.660 min Scan# 4946

Delta R.T. 0.000 min

Lab File: BN021027.D

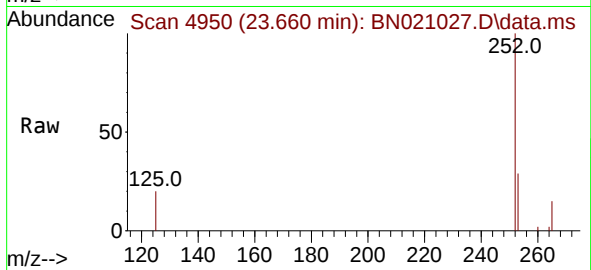
Acq: 05 Aug 2022 15:16

Instrument :

BNA_N

ClientSampleId :

GBJG8MSD

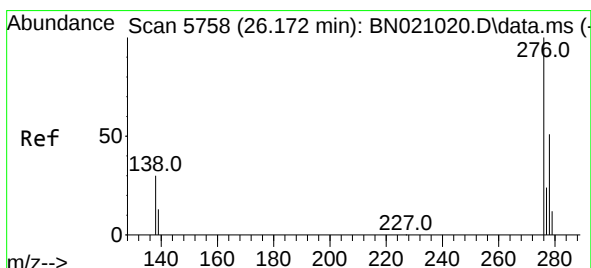
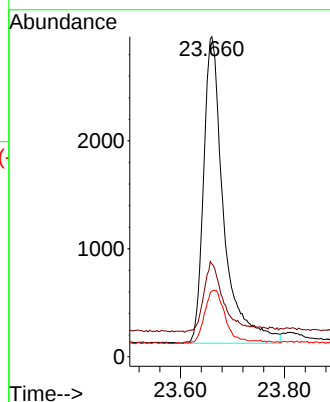
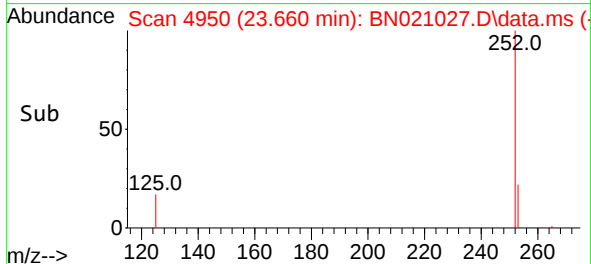


Tgt Ion:	252	Resp:	766
Ion Ratio	Lower	Upper	
252	100		
253	29.0	22.1	33.1
125	20.5	14.7	22.1

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Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.325 ng/ul

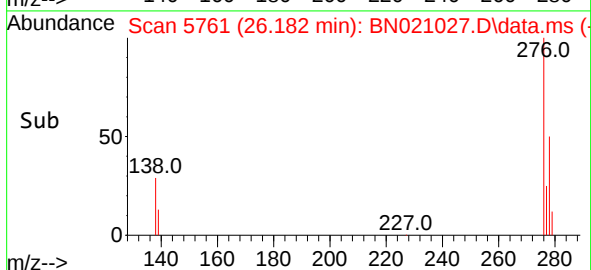
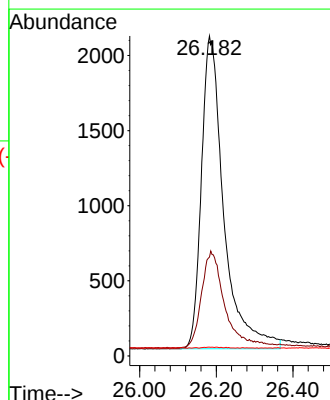
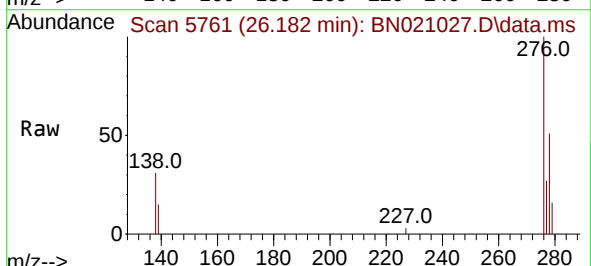
RT: 26.182 min Scan# 5761

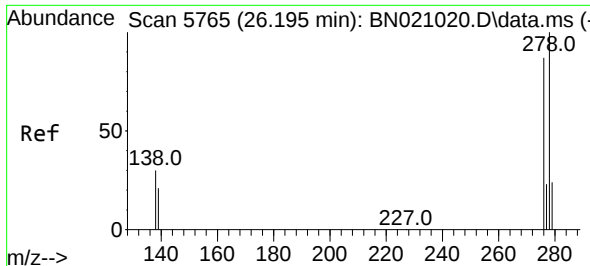
Delta R.T. -0.003 min

Lab File: BN021027.D

Acq: 05 Aug 2022 15:16

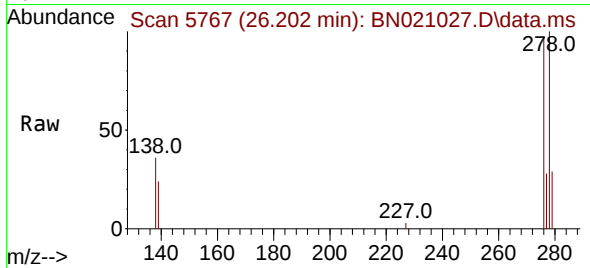
Tgt Ion:	276	Resp:	8447
Ion Ratio	Lower	Upper	
276	100		
138	32.7	26.1	39.1
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.202 min Scan# 5767
Delta R.T. -0.007 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

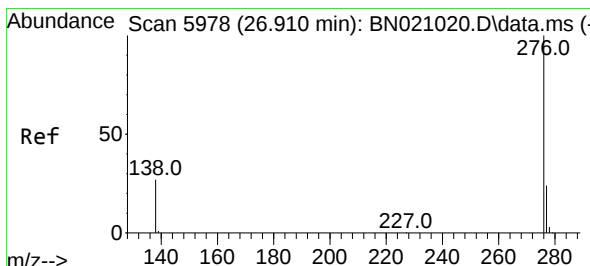
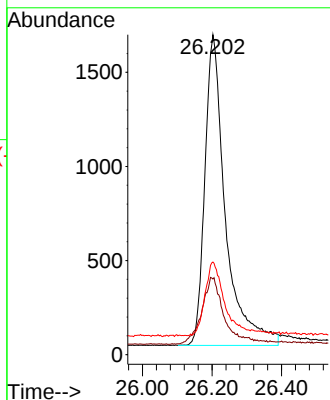
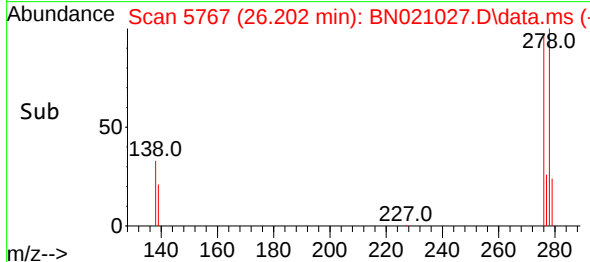
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:278 Resp: 679
Ion Ratio Lower Upper
278 100
139 23.6 18.3 27.5
279 28.9 23.9 35.9

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Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 26.920 min Scan# 5981
Delta R.T. -0.010 min
Lab File: BN021027.D
Acq: 05 Aug 2022 15:16

Tgt Ion:276 Resp: 7641
Ion Ratio Lower Upper
276 100
138 28.2 22.6 34.0
277 25.1 20.2 30.2

