

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019576.D
 Acq On : 28 Apr 2022 21:13
 Operator : CG/JU
 Sample : N2469-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 02:30:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 13:24:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	4636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	13690	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	7360	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	14722	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	13002	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	12600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	15066	2.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3787	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	8473	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.542	142	538	0.022	ng/ul#	100
12) Fluorene	15.543	166	746	0.023	ng/ul#	87
15) Phenanthrene	17.276	178	10272	0.190	ng/ul	99
16) Anthracene	17.365	178	1244	0.028	ng/ul#	81
19) Fluoranthene	19.290	202	9393	0.158	ng/ul	97
20) Pyrene	19.653	202	13284m	0.224	ng/ul	
21) Benzo(a)anthracene	21.403	228	4532	0.093	ng/ul#	86
22) Chrysene	21.452	228	5949	0.104	ng/ul#	93
24) Benzo(b)fluoranthene	23.057	252	5463m	0.085	ng/ul	
25) Benzo(k)fluoranthene	23.101	252	1679m	0.027	ng/ul	
26) Benzo(a)pyrene	23.665	252	3996	0.073	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.185	276	2596	0.038	ng/ul#	90
29) Benzo(g,h,i)perylene	26.929	276	2722	0.044	ng/ul#	72

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

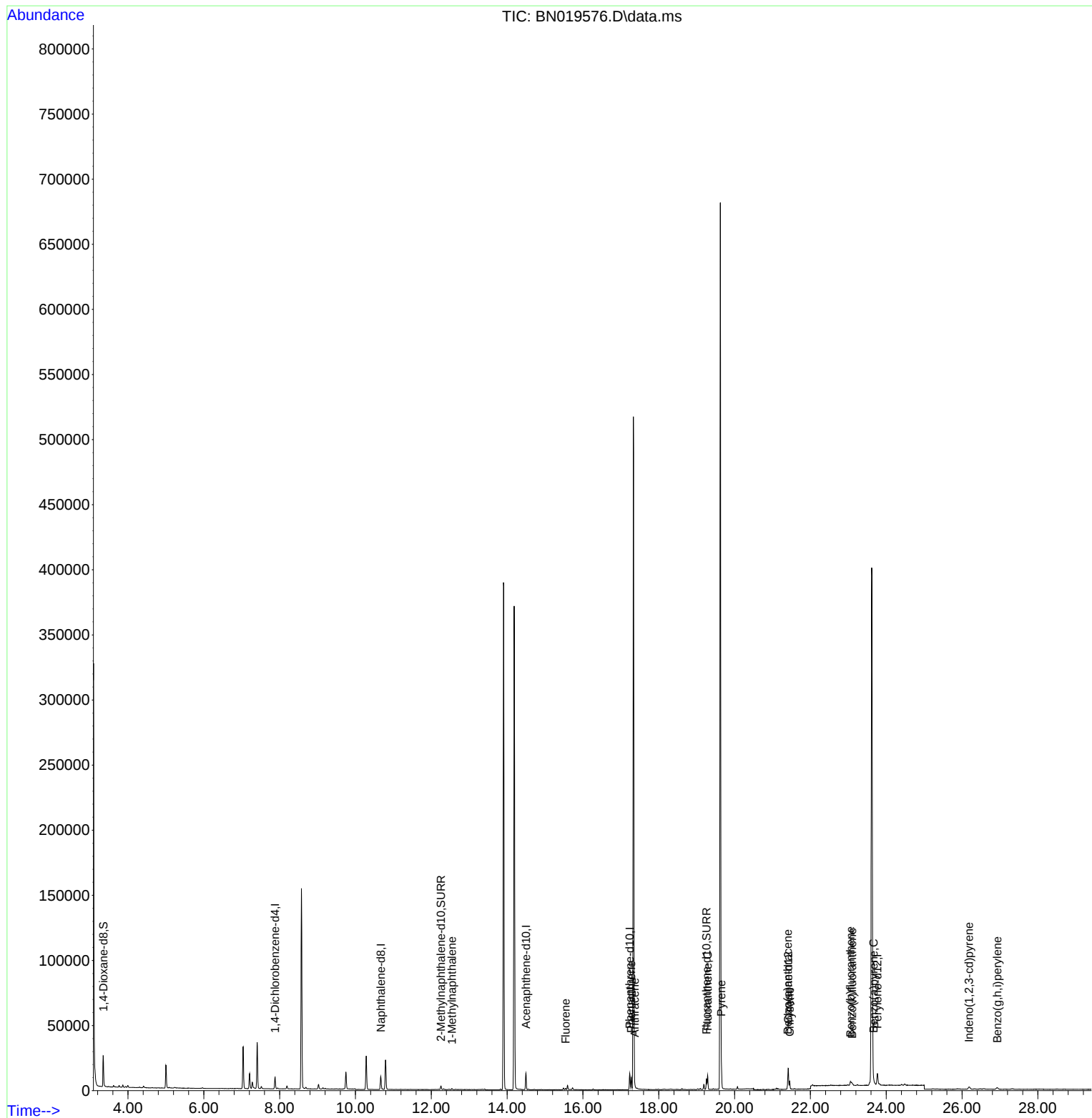
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019576.D
Acq On : 28 Apr 2022 21:13
Operator : CG/JU
Sample : N2469-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

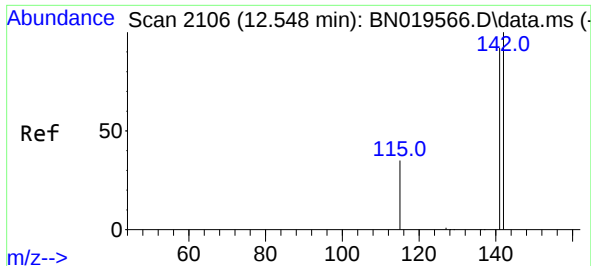
Instrument :
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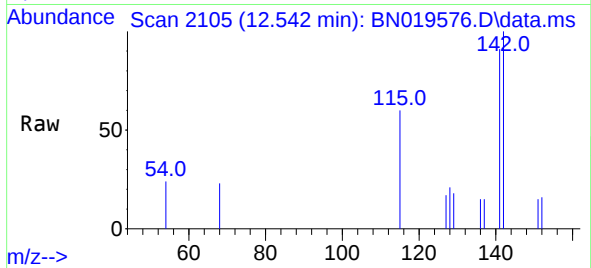
Quant Time: Apr 29 02:30:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

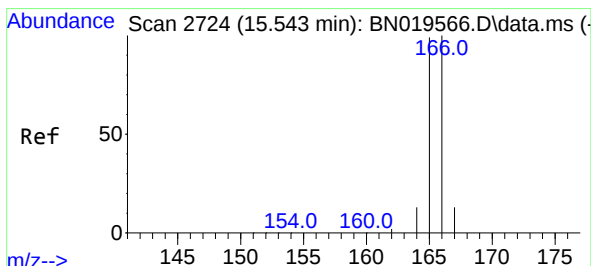
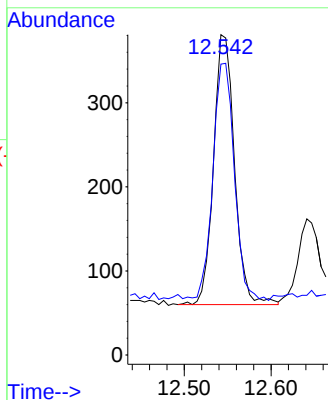
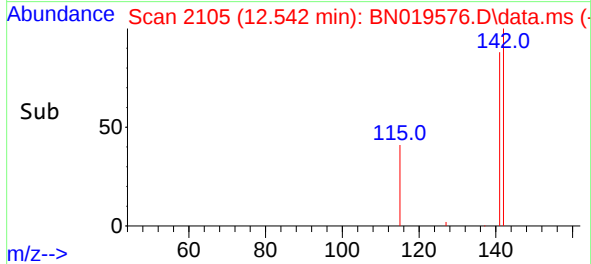
Instrument :
BNA_N
ClientSampleId :
BFFG8



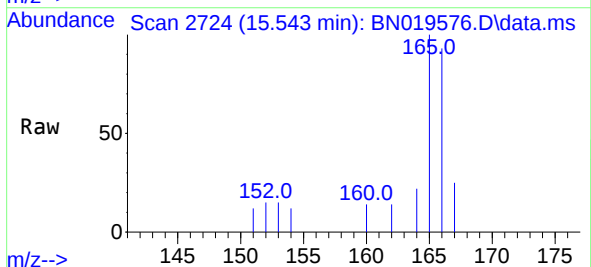
Tgt Ion:142 Resp: 538
Ion Ratio Lower Upper
142 100
141 90.0 0.0 0.0

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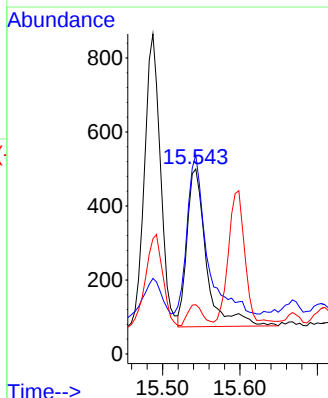
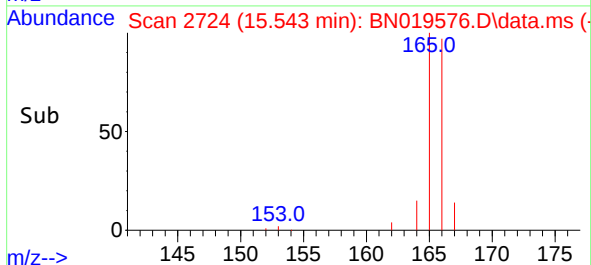
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

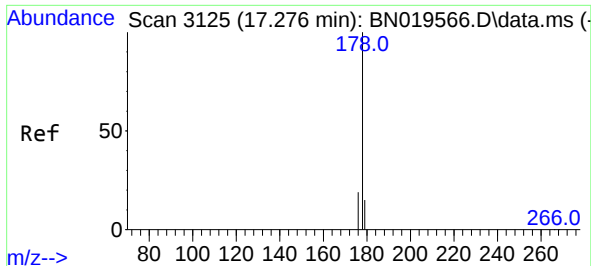


#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13



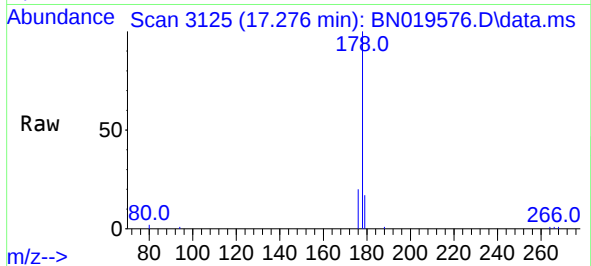
Tgt Ion:166 Resp: 746
Ion Ratio Lower Upper
166 100
165 107.6 78.2 117.2
167 26.6 11.3 16.9





#15
Phenanthrene
Concen: 0.190 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

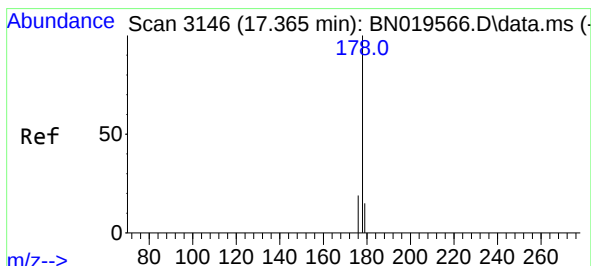
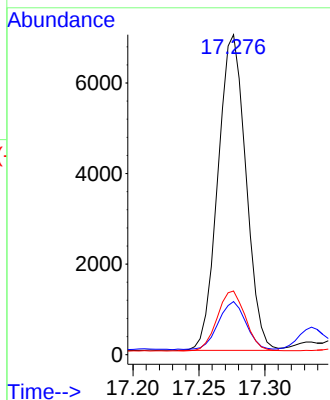
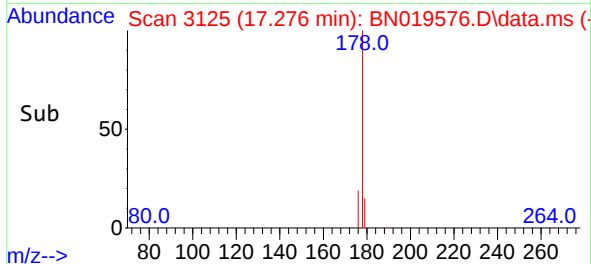
Instrument :
BNA_N
ClientSampleId :
BFFG8



Tgt Ion:178 Resp: 10272
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.9 15.5 23.3

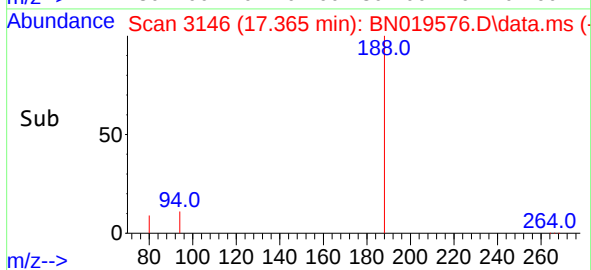
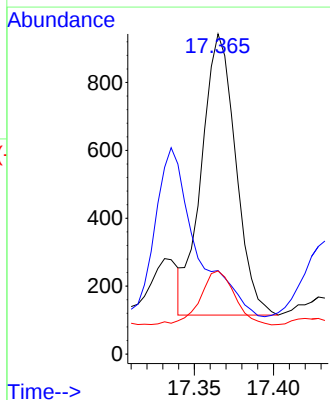
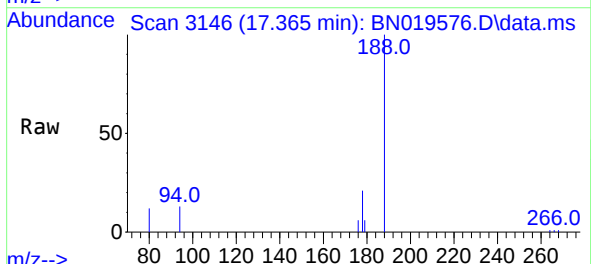
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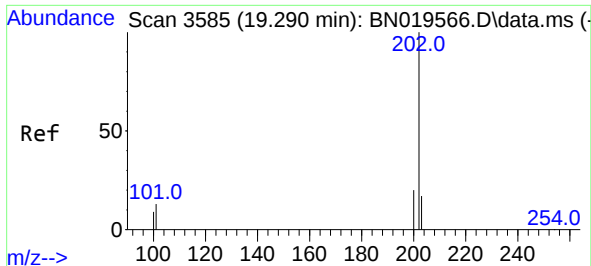
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#16
Anthracene
Concen: 0.028 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

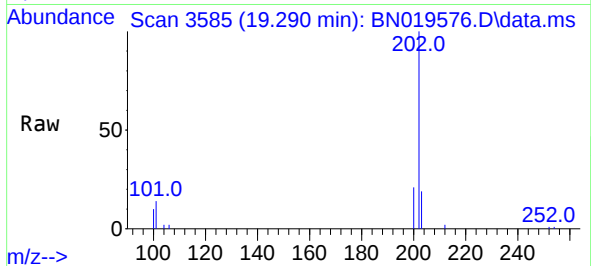
Tgt Ion:178 Resp: 1244
Ion Ratio Lower Upper
178 100
179 26.1 13.1 19.7#
176 26.0 15.3 22.9#





#19
Fluoranthene
Concen: 0.158 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

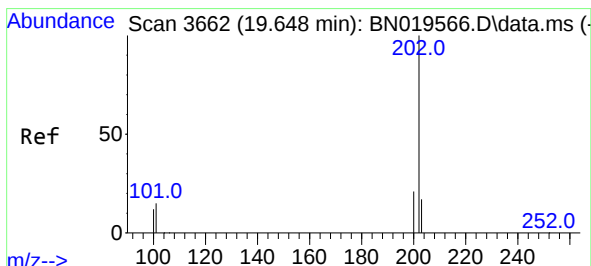
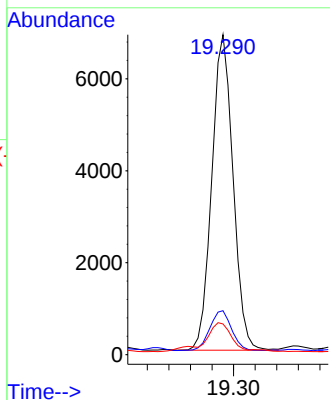
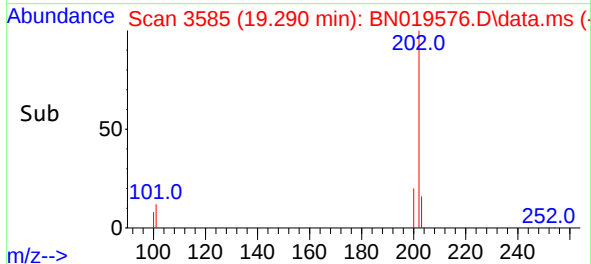
Instrument :
BNA_N
ClientSampleId :
BFFG8



Tgt Ion:202 Resp: 939
Ion Ratio Lower Upper
202 100
101 13.8 9.7 14.5
100 9.6 7.4 11.2

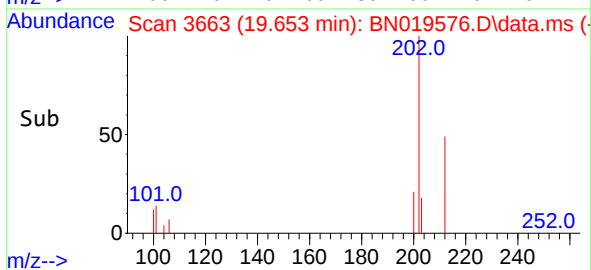
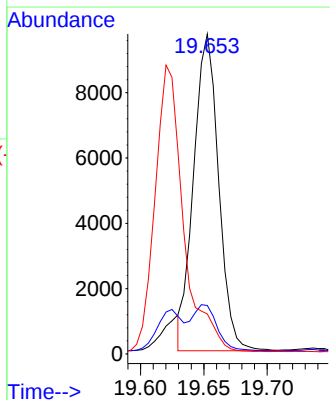
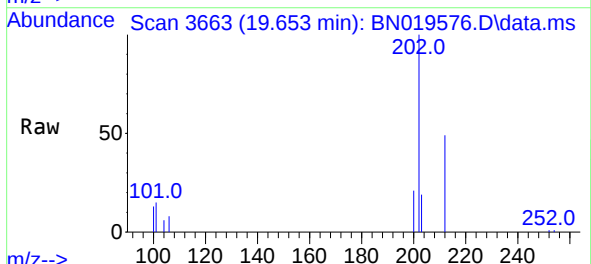
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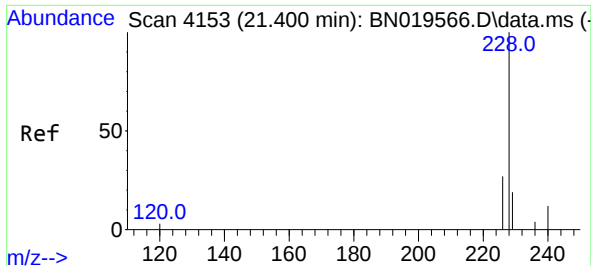
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 0.224 ng/u1 m
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

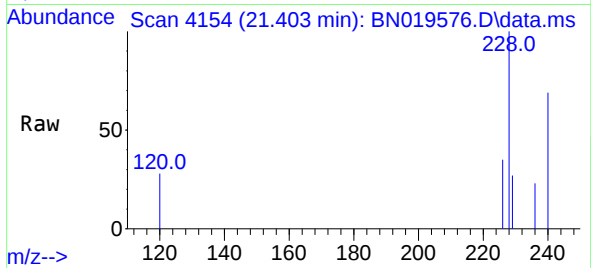
Tgt Ion:202 Resp: 13284
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 12.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.093 ng/u1
RT: 21.403 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

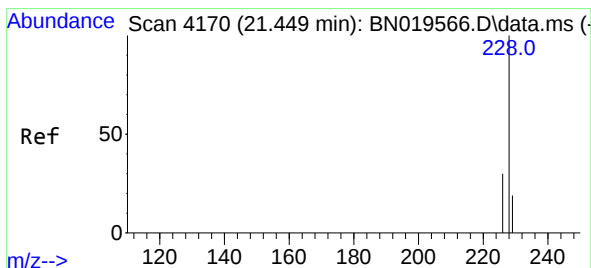
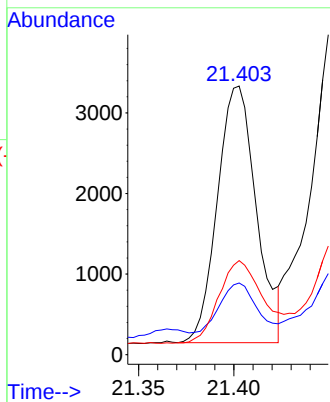
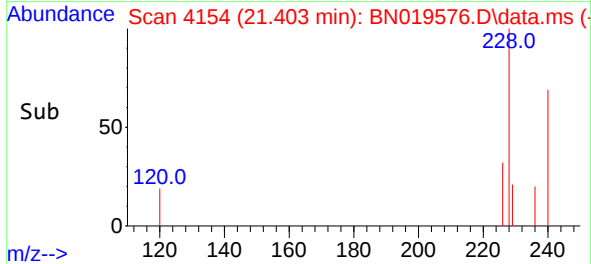
Instrument :
BNA_N
ClientSampleId :
BFFG8



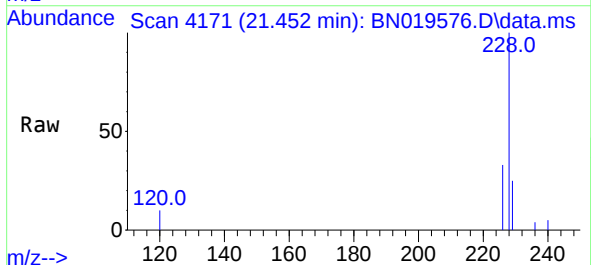
Tgt Ion:228 Resp: 4532
Ion Ratio Lower Upper
228 100
229 26.7 16.1 24.1
226 35.0 22.1 33.1

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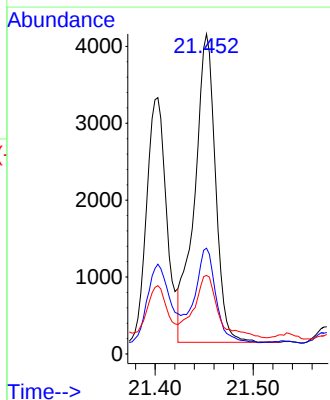
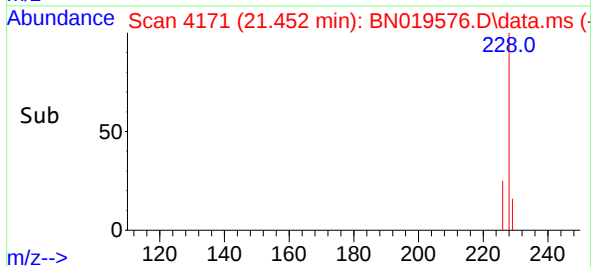
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

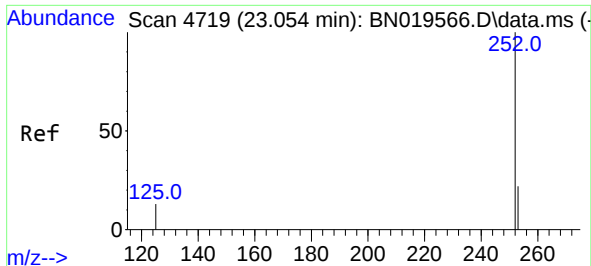


#22
Chrysene
Concen: 0.104 ng/u1
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13



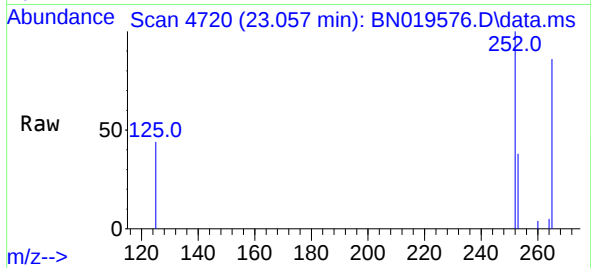
Tgt Ion:228 Resp: 5949
Ion Ratio Lower Upper
228 100
226 33.1 24.2 36.2
229 24.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.057 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

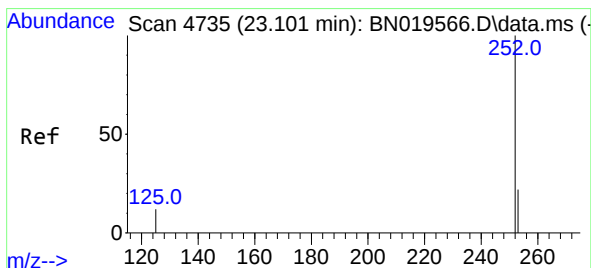
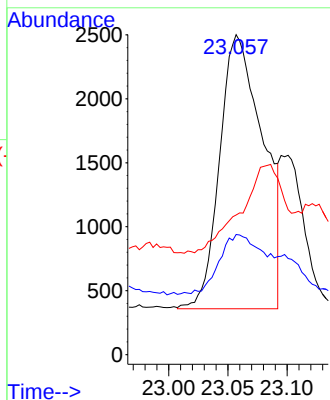
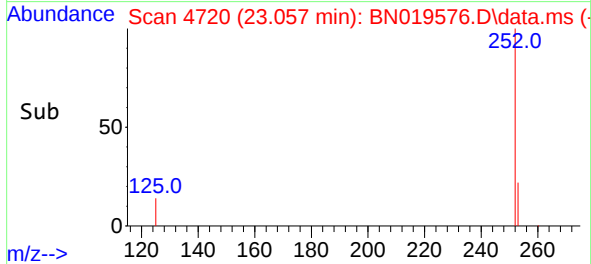
Instrument :
BNA_N
ClientSampleId :
BFFG8



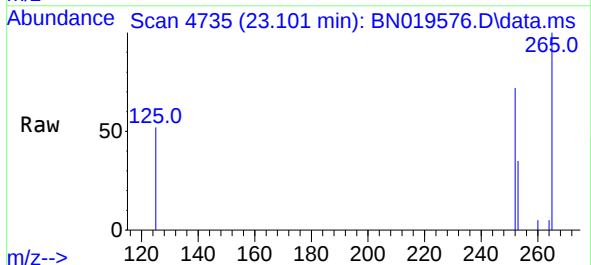
Tgt Ion:252 Resp: 546
Ion Ratio Lower Upper
252 100
253 37.5 0.0 52.0
125 43.7 0.0 40.2

Manual Integrations
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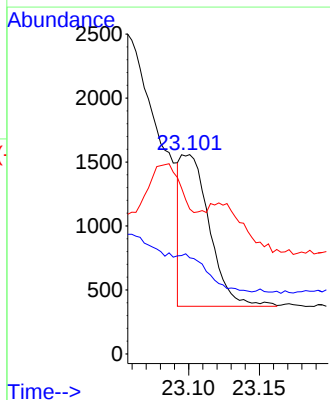
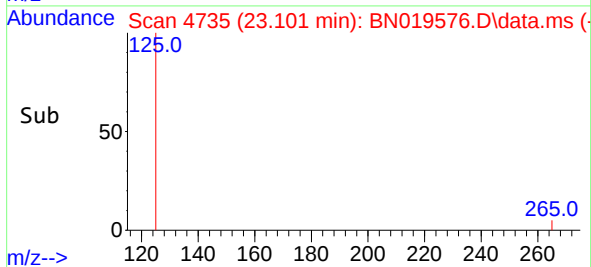
Reviewed By :Jagrut Upadhyay 04/29/2022
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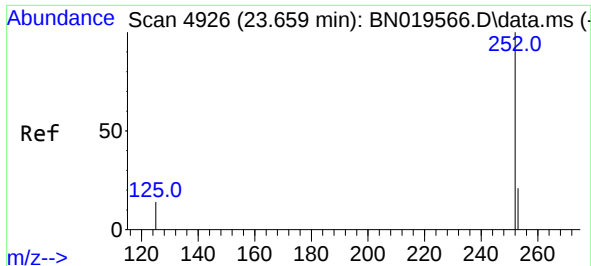


#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.101 min Scan# 4735
Delta R.T. -0.000 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13



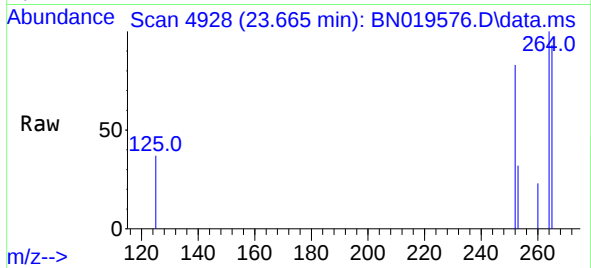
Tgt Ion:252 Resp: 1679
Ion Ratio Lower Upper
252 100
253 48.2 20.2 30.2#
125 72.7 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.073 ng/u1
RT: 23.665 min Scan# 4926
Delta R.T. 0.003 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

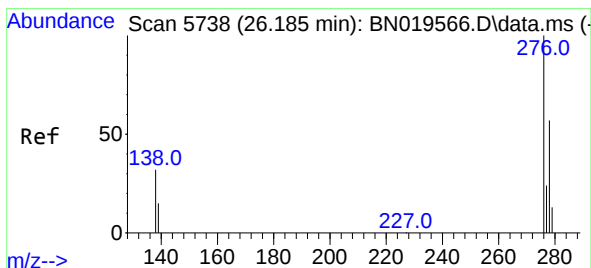
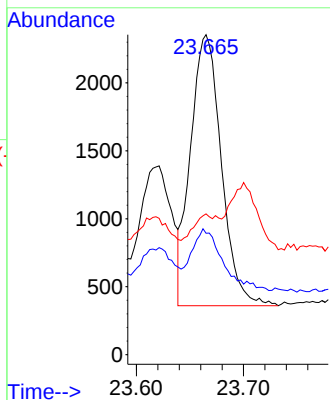
Instrument :
BNA_N
ClientSampleId :
BFFG8



Tgt Ion:252 Resp: 3990
Ion Ratio Lower Upper
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253 38.0 23.4 35.0
125 44.0 28.3 42.5

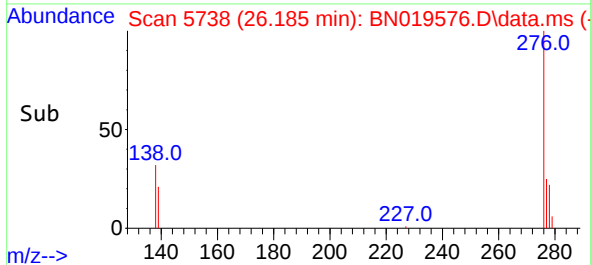
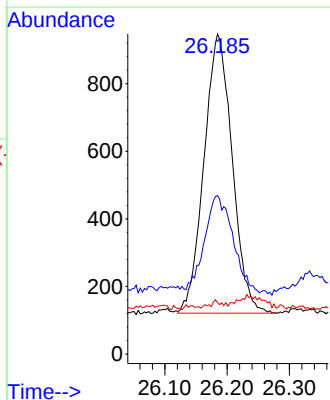
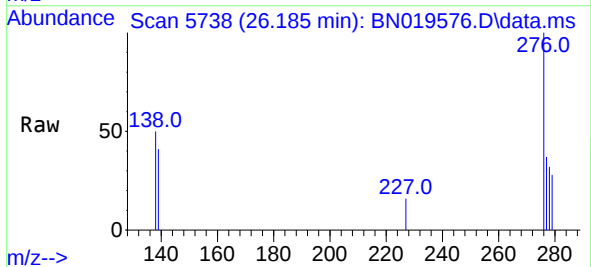
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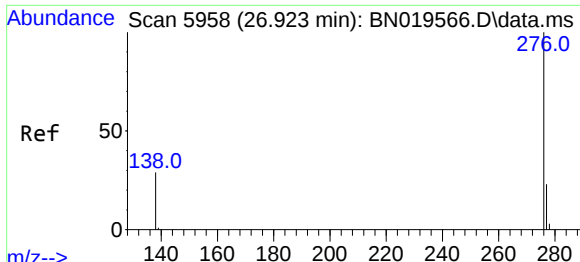
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/u1
RT: 26.185 min Scan# 5738
Delta R.T. -0.000 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

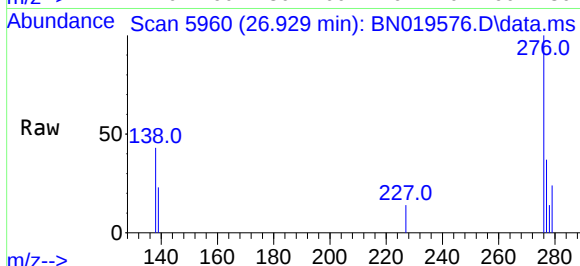
Tgt Ion:276 Resp: 2596
Ion Ratio Lower Upper
276 100
138 35.1 23.6 35.4
227 1.1 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.929 min Scan# 5960
Delta R.T. 0.006 min
Lab File: BN019576.D
Acq: 28 Apr 2022 21:13

Instrument :
BNA_N
ClientSampleId :
BFFG8



Tgt Ion: 276 Resp: 272

Ion	Ratio	Lower	Upper
276	100		
138	43.4	20.9	31.3
277	36.8	20.4	30.6

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