

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
 Data File : BN019459.D
 Acq On : 15 Apr 2022 13:03
 Operator : CG/JU
 Sample : N2280-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFC7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 05:01:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	4331	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	13776	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	8260	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	16669	0.400	ng/ul	0.00
17) Chrysene-d12	21.390	240	11381	0.400	ng/ul	# 0.00
23) Perylene-d12	23.737	264	7063m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	11445	2.054	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	3011	0.154	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	7980	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.667	128	2630	0.067	ng/ul#	92
7) 2-Methylnaphthalene	12.289	142	1610	0.063	ng/ul#	100
8) 1-Methylnaphthalene	12.503	142	1566	0.058	ng/ul#	100
10) Acenaphthylene	14.178	152	6042	0.202	ng/ul	97
11) Acenaphthene	14.520	153	1334	0.045	ng/ul	96
12) Fluorene	15.506	166	3486	0.105	ng/ul#	97
15) Phenanthrene	17.238	178	62608	1.130	ng/ul	99
16) Anthracene	17.331	178	7038	0.165	ng/ul	95
19) Fluoranthene	19.257	202	159448	2.816	ng/ul	99
20) Pyrene	19.620	202	148856	2.470	ng/ul	99
21) Benzo(a)anthracene	21.372	228	47149	1.346	ng/ul	96
22) Chrysene	21.425	228	81882	1.786	ng/ul	98
24) Benzo(b)fluoranthene	23.026	252	95837m	2.931	ng/ul	
25) Benzo(k)fluoranthene	23.067	252	32464m	0.860	ng/ul	
26) Benzo(a)pyrene	23.634	252	48603	1.740	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.159	276	38678	1.245	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.166	278	7416	0.335	ng/ul#	86
29) Benzo(g,h,i)perylene	26.904	276	40686	1.356	ng/ul	98

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

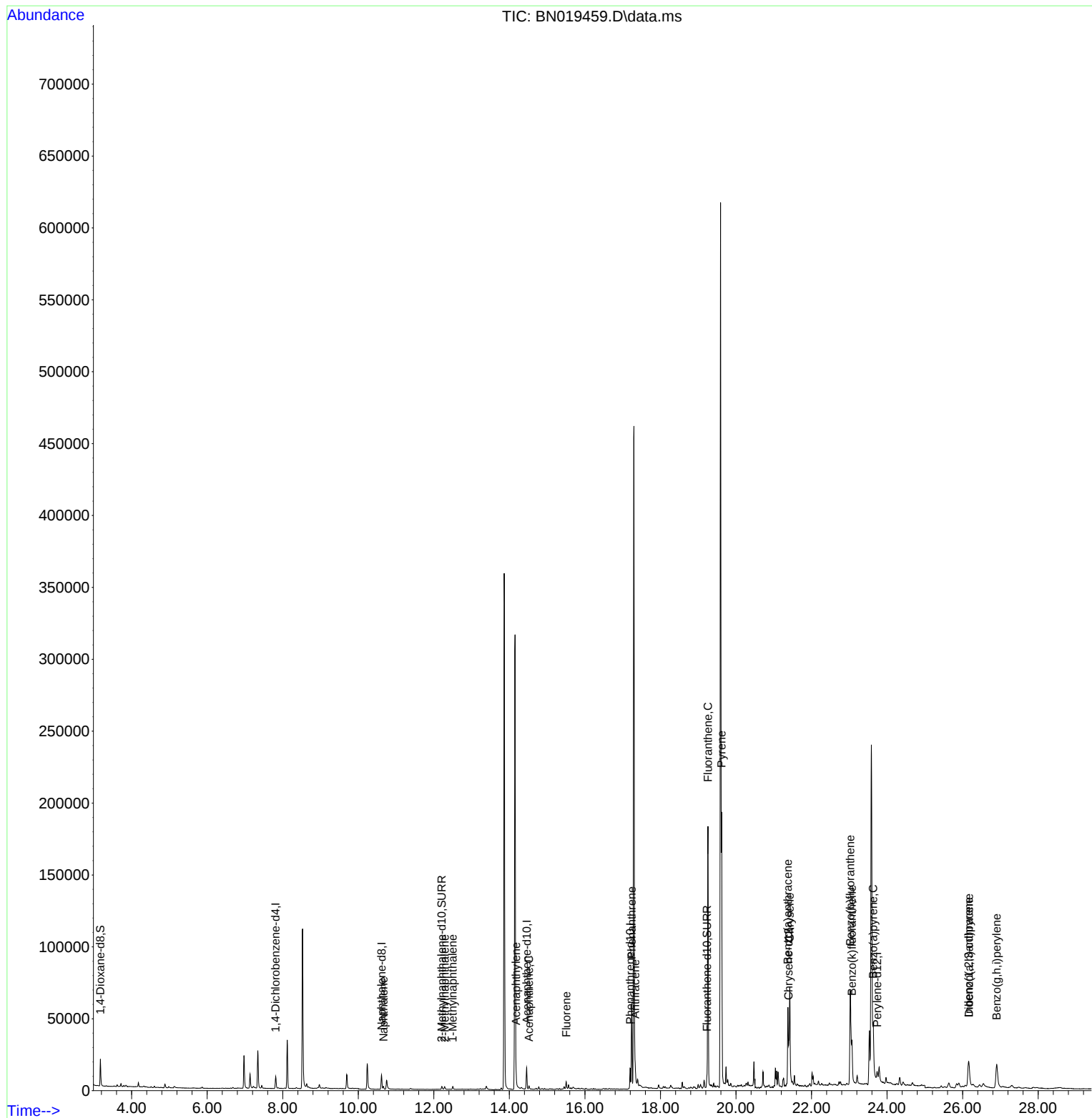
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
Data File : BN019459.D
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ALS Vial : 6 Sample Multiplier: 1

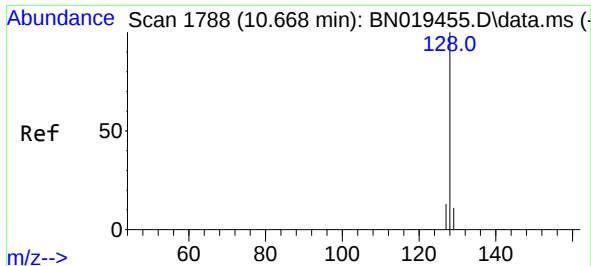
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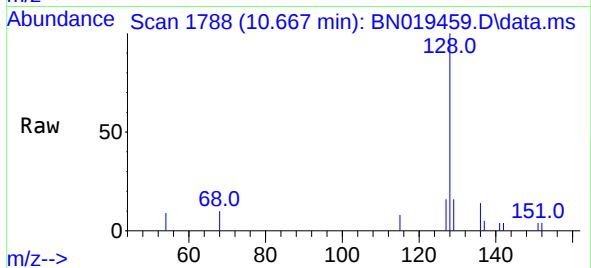
Quant Time: Apr 18 05:01:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:35:39 2022
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#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.007 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

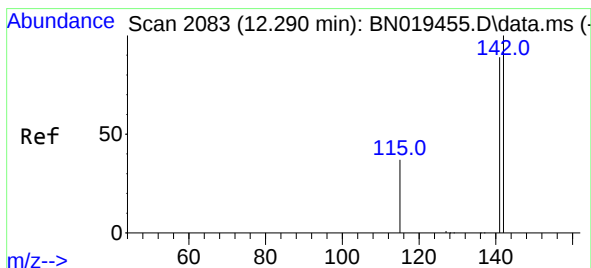
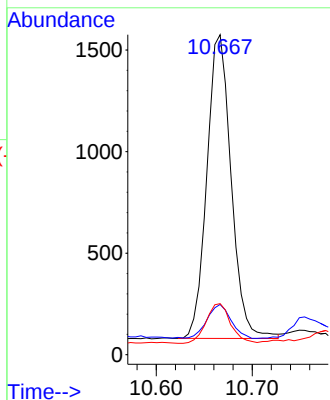
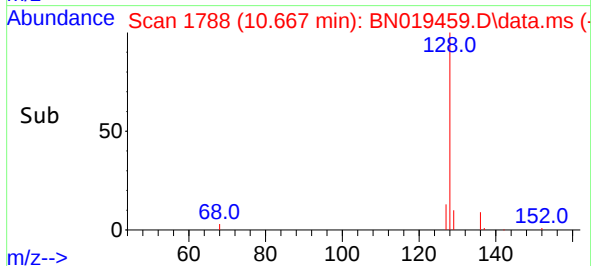
Instrument :
BNA_N
ClientSampleId :
BFFC7



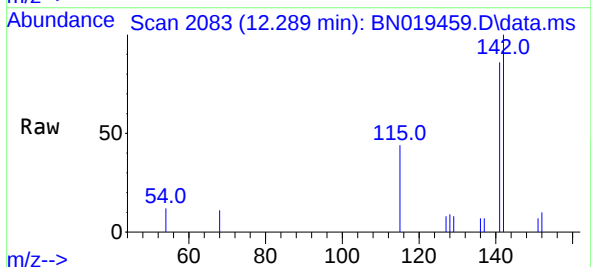
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Ion Ratio Lower Upper
128 100
129 15.7 9.5 14.3
127 16.0 11.0 16.4

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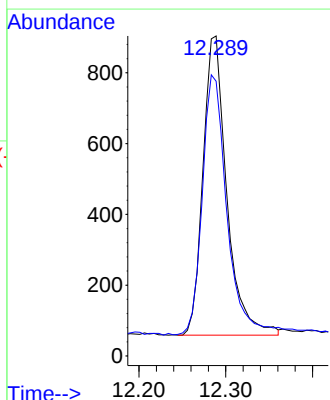
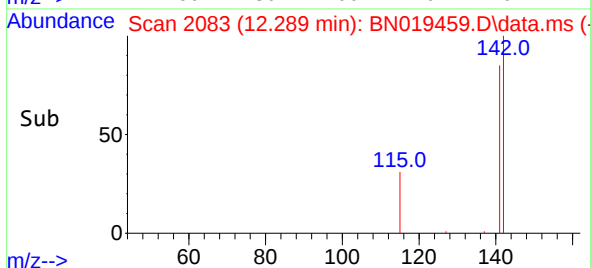
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

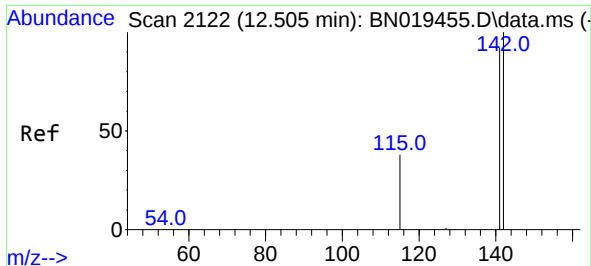


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.001 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03



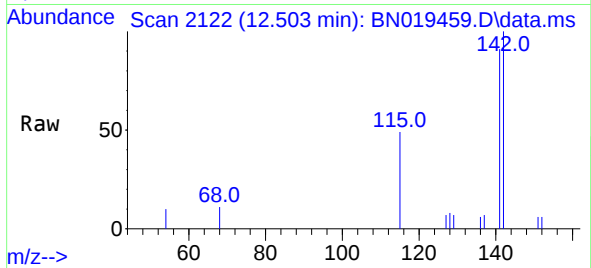
Tgt Ion:142 Resp: 1610
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.503 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

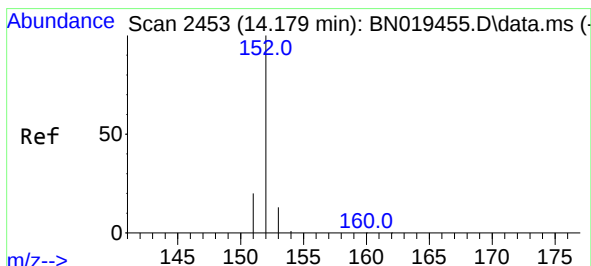
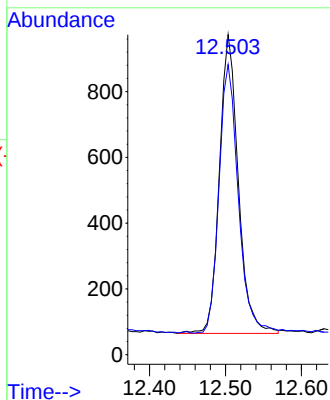
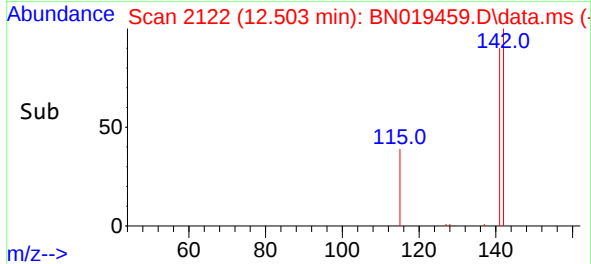
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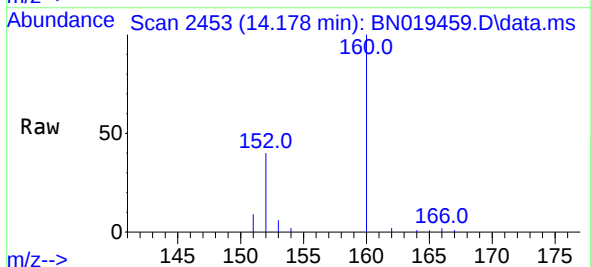
Tgt Ion:142 Resp: 1560
Ion Ratio Lower Upper
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141 91.4 0.0 0.0

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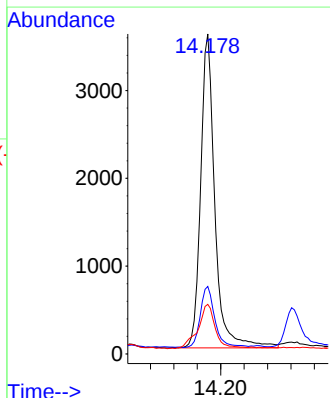
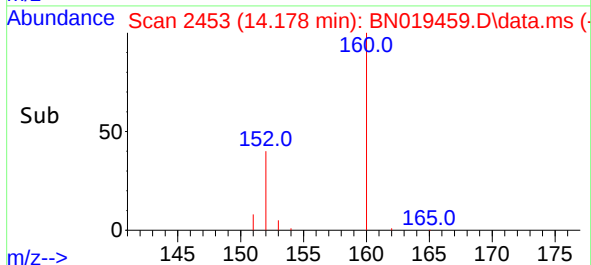
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

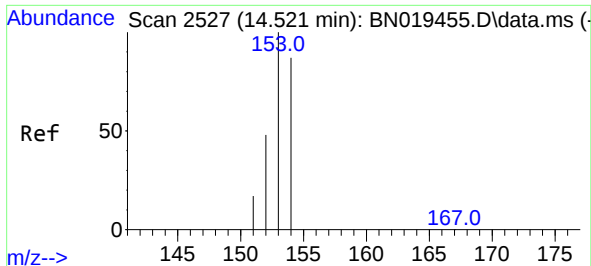


#10
Acenaphthylene
Concen: 0.202 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03



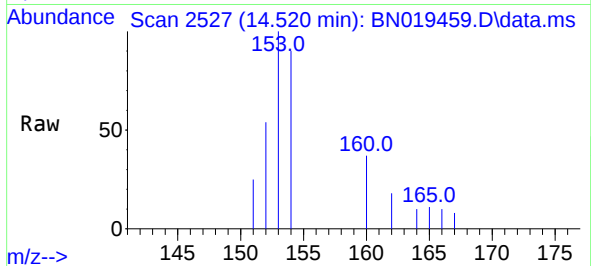
Tgt Ion:152 Resp: 6042
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 15.5 11.1 16.7





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.520 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

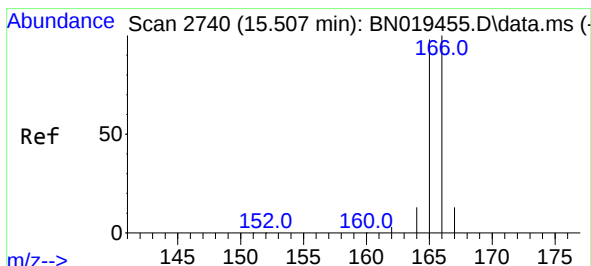
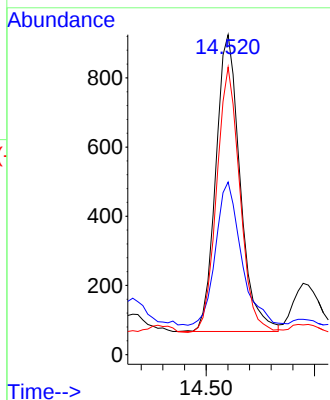
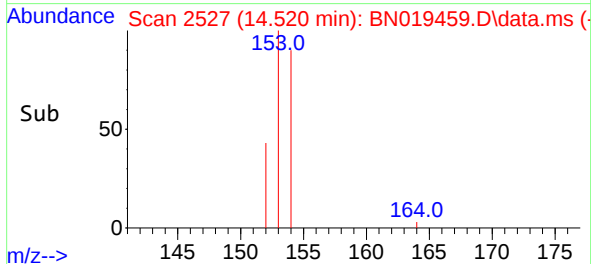
Instrument :
BNA_N
ClientSampleId :
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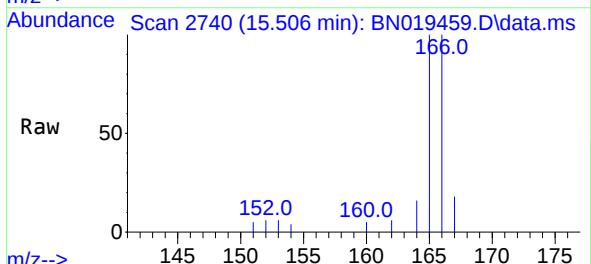
Tgt Ion:153 Resp: 1334
Ion Ratio Lower Upper
153 100
152 53.9 38.6 57.8
154 89.8 71.2 106.8

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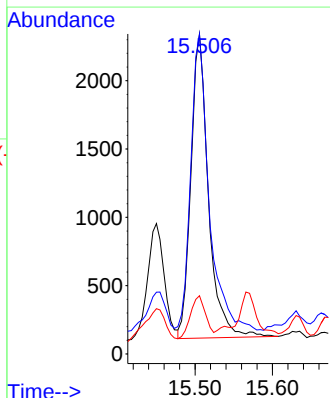
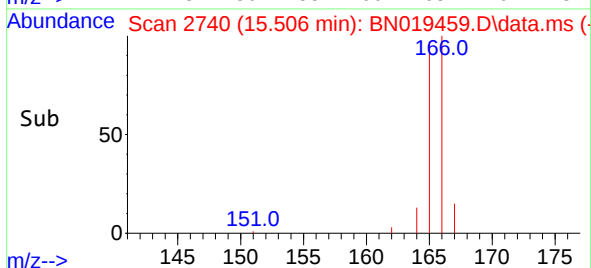
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

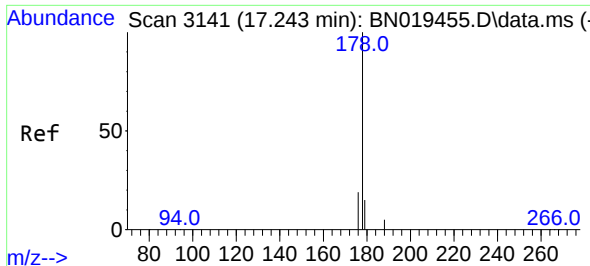


#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.506 min Scan# 2740
Delta R.T. -0.006 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03



Tgt Ion:166 Resp: 3486
Ion Ratio Lower Upper
166 100
165 100.1 78.2 117.2
167 18.2 11.3 16.9#





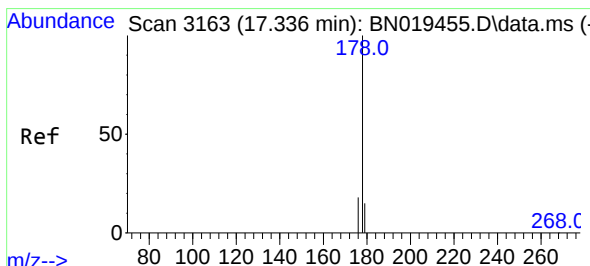
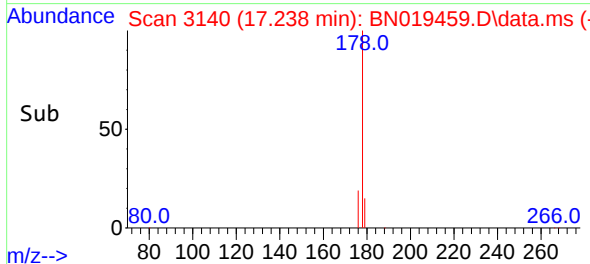
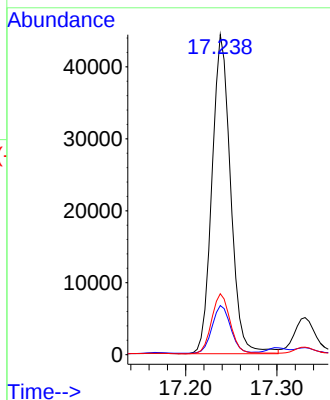
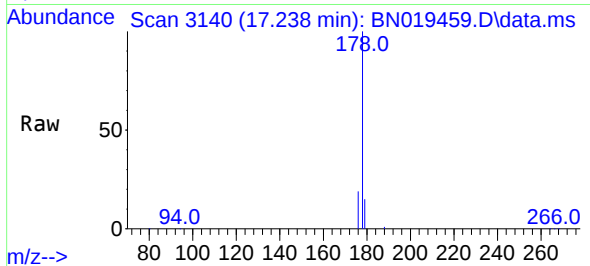
#15
Phenanthrene
Concen: 1.130 ng/u1
RT: 17.238 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

Instrument :
BNA_N
ClientSampleId :
BFFC7

Tgt Ion:178 Resp: 62608
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.1 15.5 23.3

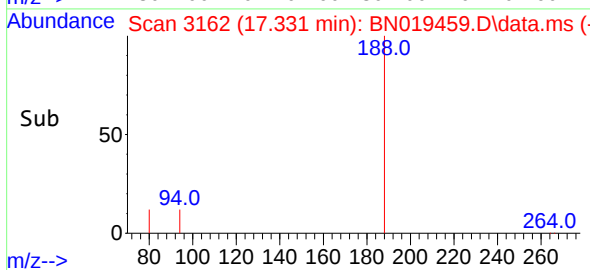
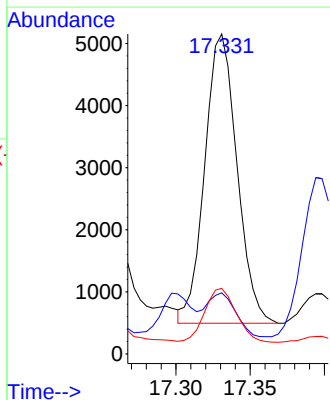
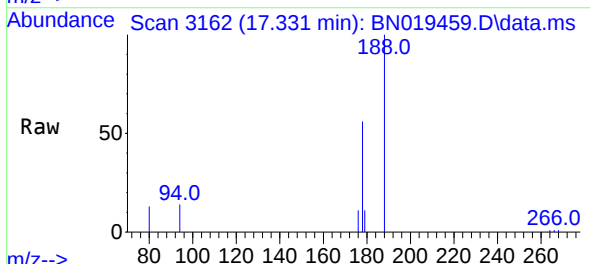
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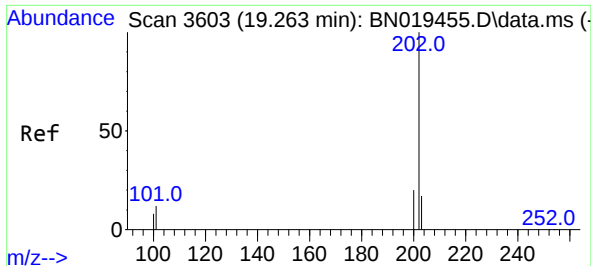
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#16
Anthracene
Concen: 0.165 ng/u1
RT: 17.331 min Scan# 3162
Delta R.T. -0.010 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

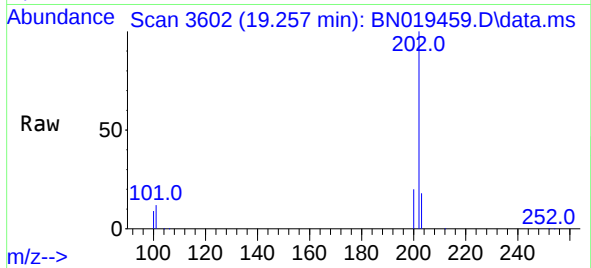
Tgt Ion:178 Resp: 7038
Ion Ratio Lower Upper
178 100
179 19.1 13.1 19.7
176 20.5 15.3 22.9





#19
Fluoranthene
Concen: 2.816 ng/u1
RT: 19.257 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

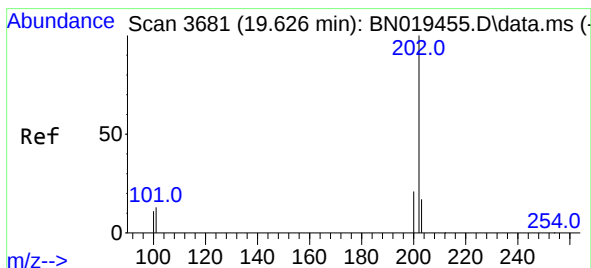
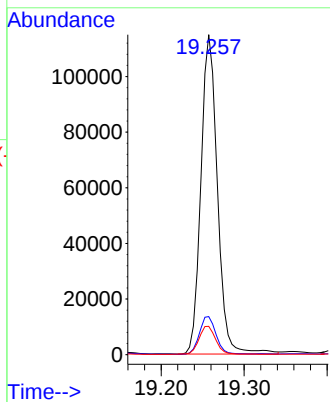
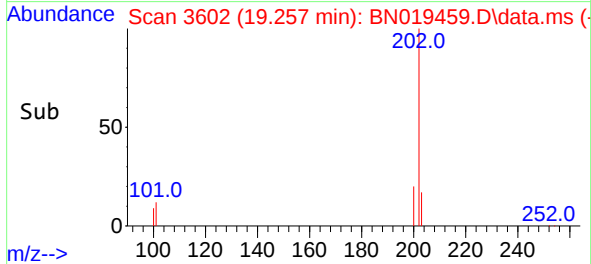
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 159448
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.9 7.4 11.2

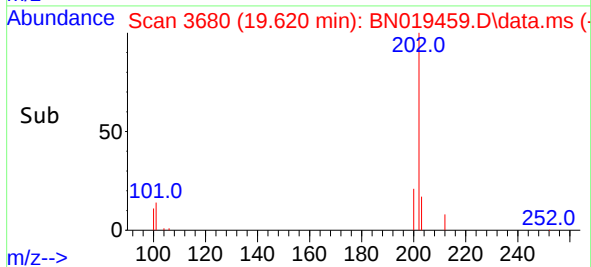
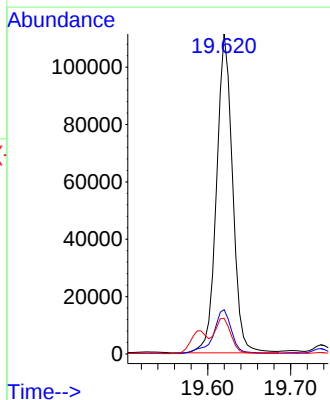
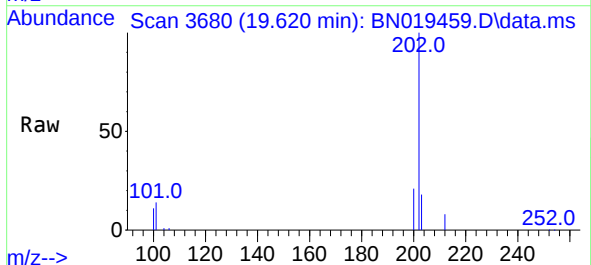
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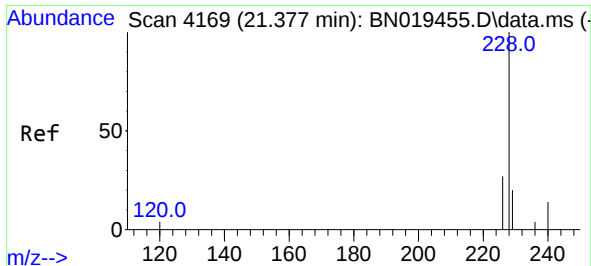
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#20
Pyrene
Concen: 2.470 ng/u1
RT: 19.620 min Scan# 3680
Delta R.T. -0.006 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

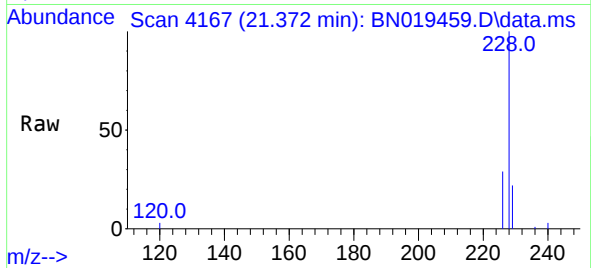
Tgt Ion:202 Resp: 148856
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.2 9.0 13.4





#21
Benzo(a)anthracene
Concen: 1.346 ng/ul
RT: 21.372 min Scan# 4169
Delta R.T. -0.008 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

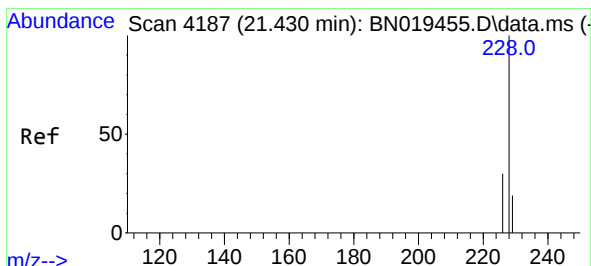
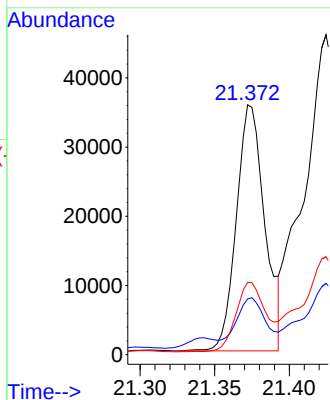
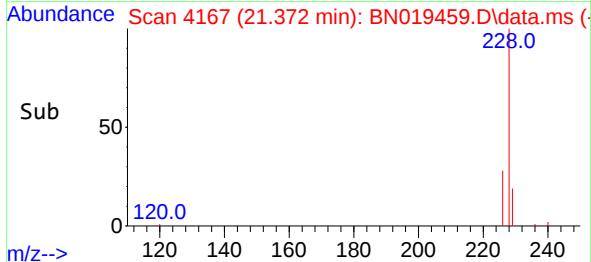
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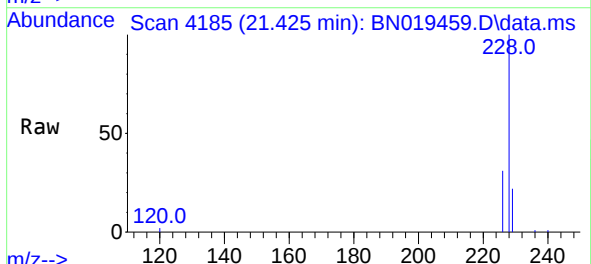
Tgt Ion:228 Resp: 47149
Ion Ratio Lower Upper
228 100
229 22.4 16.1 24.1
226 29.0 22.1 33.1

Manual Integrations
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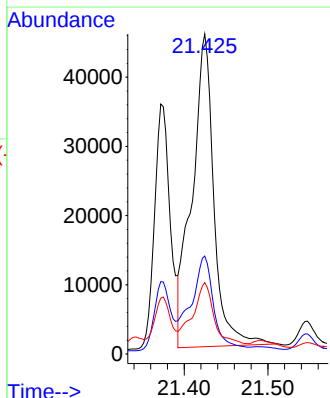
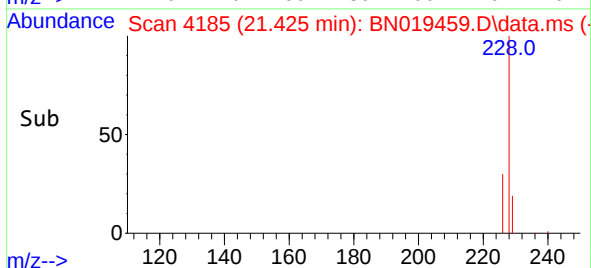
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

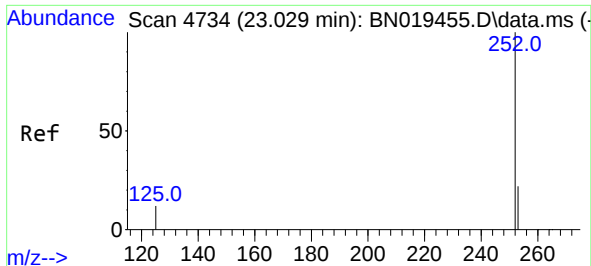


#22
Chrysene
Concen: 1.786 ng/ul
RT: 21.425 min Scan# 4185
Delta R.T. -0.005 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03



Tgt Ion:228 Resp: 81882
Ion Ratio Lower Upper
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226 30.6 24.2 36.2
229 22.3 16.0 24.0





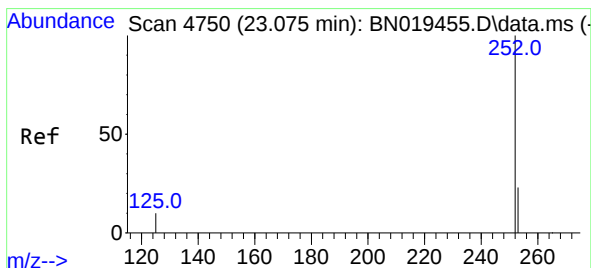
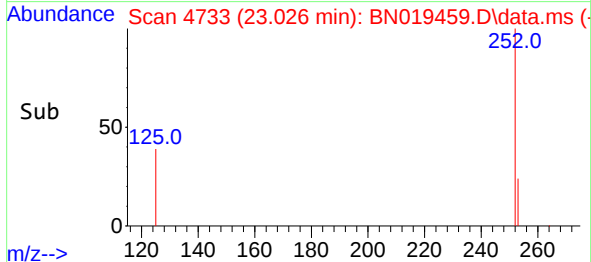
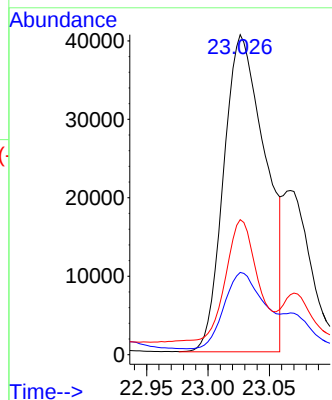
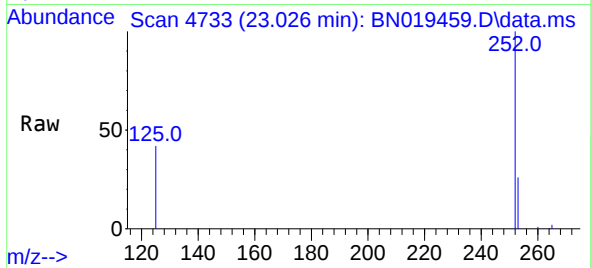
#24
Benzo(b)fluoranthene
Concen: 2.931 ng/ul m
RT: 23.026 min Scan# 4733
Delta R.T. -0.005 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 9583
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.0
125 42.2 0.0 40.2

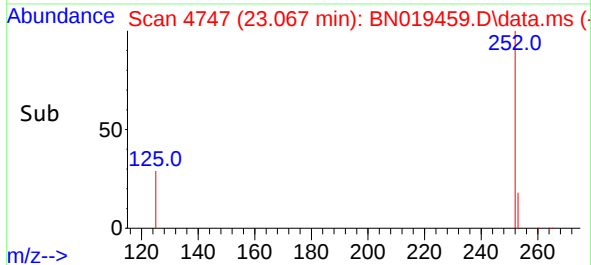
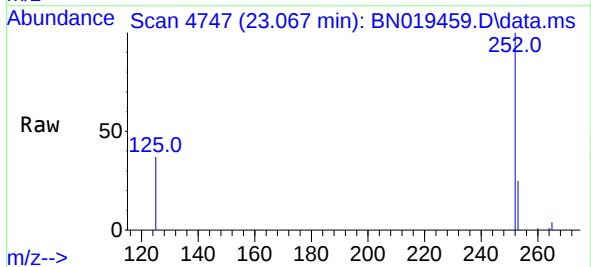
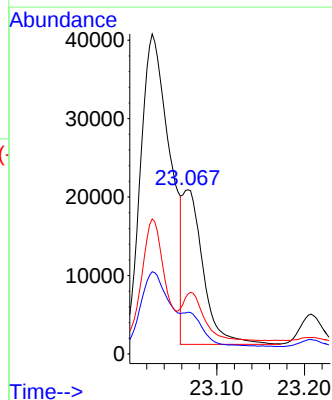
Manual Integrations
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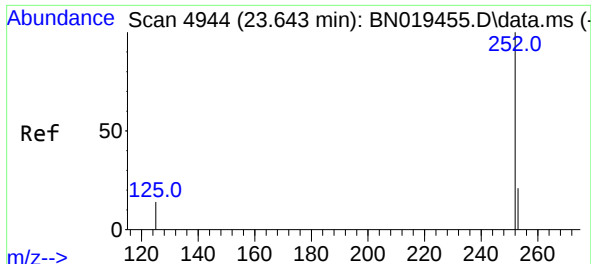
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.860 ng/ul m
RT: 23.067 min Scan# 4747
Delta R.T. -0.011 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

Tgt Ion:252 Resp: 32464
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.2
125 36.5 11.0 16.6





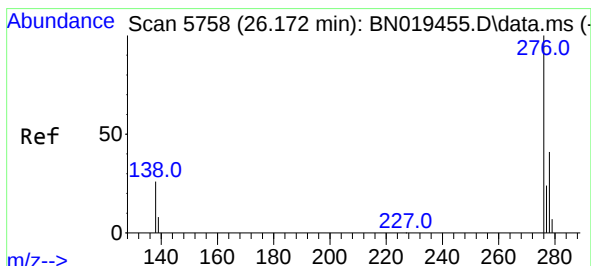
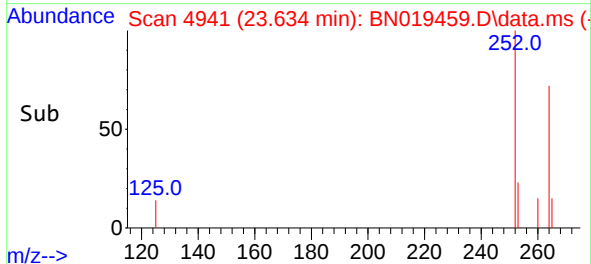
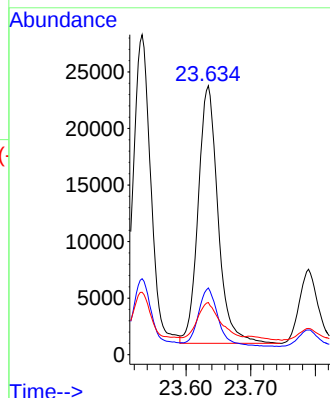
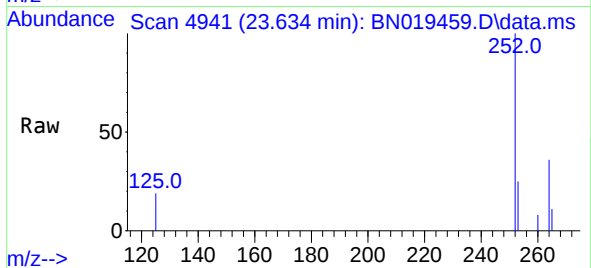
#26
Benzo(a)pyrene
Concen: 1.740 ng/ul
RT: 23.634 min Scan# 4944
Delta R.T. -0.011 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

Instrument :
BNA_N
ClientSampleId :
BFFC7

Tgt Ion:252 Resp: 48600
Ion Ratio Lower Upper
252 100
253 24.8 23.4 35.0
125 19.4 28.3 42.5

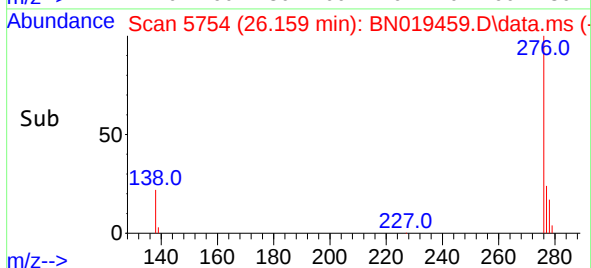
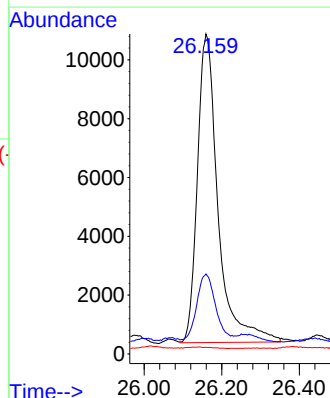
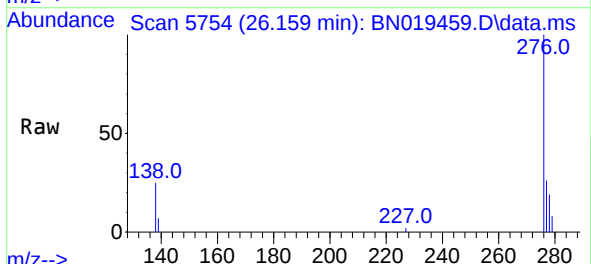
Manual Integrations
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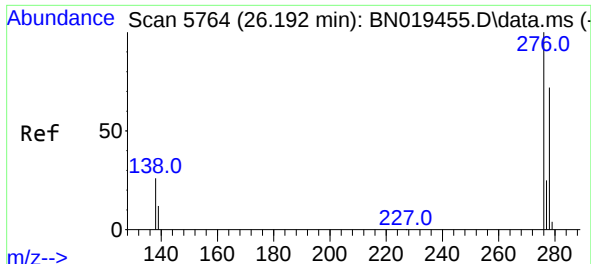
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.245 ng/ul
RT: 26.159 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

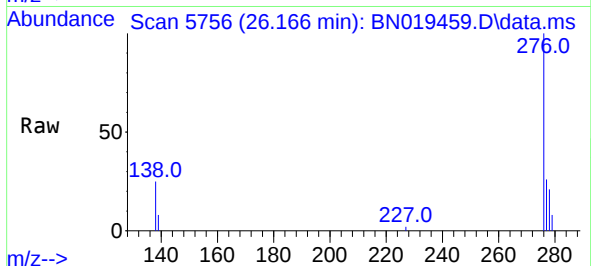
Tgt Ion:276 Resp: 38678
Ion Ratio Lower Upper
276 100
138 20.7 23.6 35.4#
227 0.5 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.166 min Scan# 5756
Delta R.T. -0.033 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03

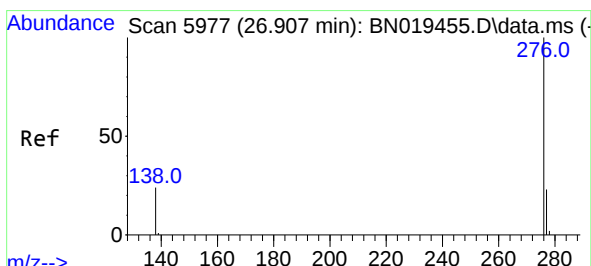
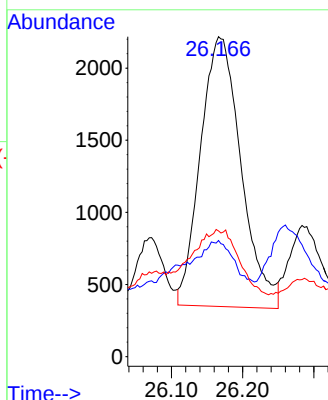
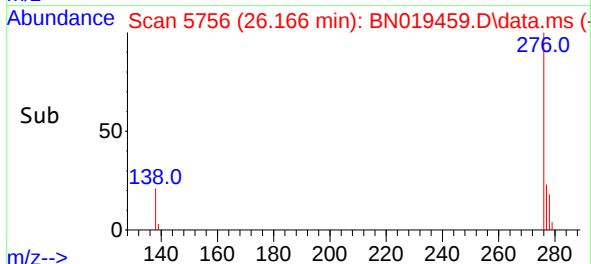
Instrument :
BNA_N
ClientSampleId :
BFFC7



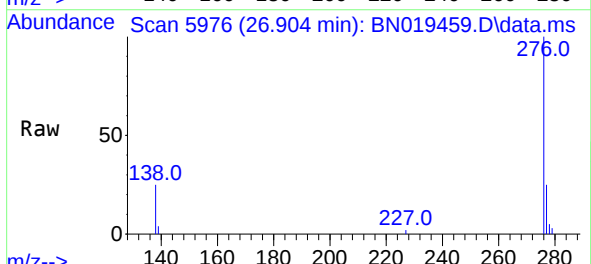
Tgt Ion: 278 Resp: 7410
Ion Ratio Lower Upper
278 100
139 36.3 18.6 28.0
279 39.3 35.1 52.7

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Reviewed By : Jagrut Upadhyay 04/18/2022
Supervised By : Yogesh Patel 04/18/2022



#29
Benzo(g,h,i)perylene
Concen: 1.356 ng/ul
RT: 26.904 min Scan# 5976
Delta R.T. -0.016 min
Lab File: BN019459.D
Acq: 15 Apr 2022 13:03



Tgt Ion: 276 Resp: 40686
Ion Ratio Lower Upper
276 100
138 25.1 20.9 31.3
277 24.7 20.4 30.6

