

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032713.D
 Acq On : 13 Jul 2024 16:56
 Operator : MA/JU
 Sample : P3087-16DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:58:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6957	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	21177	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	10725	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	17823	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	14862	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17337m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4928	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	1464	0.046	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2543	0.053	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.920	152	1925	0.044	ng/ul#	85
11) Acenaphthene	14.262	153	789	0.022	ng/ul	93
12) Fluorene	15.261	166	919	0.022	ng/ul#	95
15) Phenanthrene	16.999	178	14757	0.304	ng/ul	100
16) Anthracene	17.092	178	3182	0.080	ng/ul#	87
19) Fluoranthene	19.031	202	30667	0.508	ng/ul	98
20) Pyrene	19.394	202	27743	0.444	ng/ul	99
21) Benzo(a)anthracene	21.161	228	15013m	0.317	ng/ul	
22) Chrysene	21.211	228	14308	0.209	ng/ul	94
24) Benzo(b)fluoranthene	22.716	252	22020m	0.360	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	8979m	0.120	ng/ul	
26) Benzo(a)pyrene	23.274	252	15728	0.297	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.579	276	12200	0.170	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.579	278	2736	0.049	ng/ul#	5
29) Benzo(g,h,i)perylene	26.260	276	12351	0.206	ng/ul#	89

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

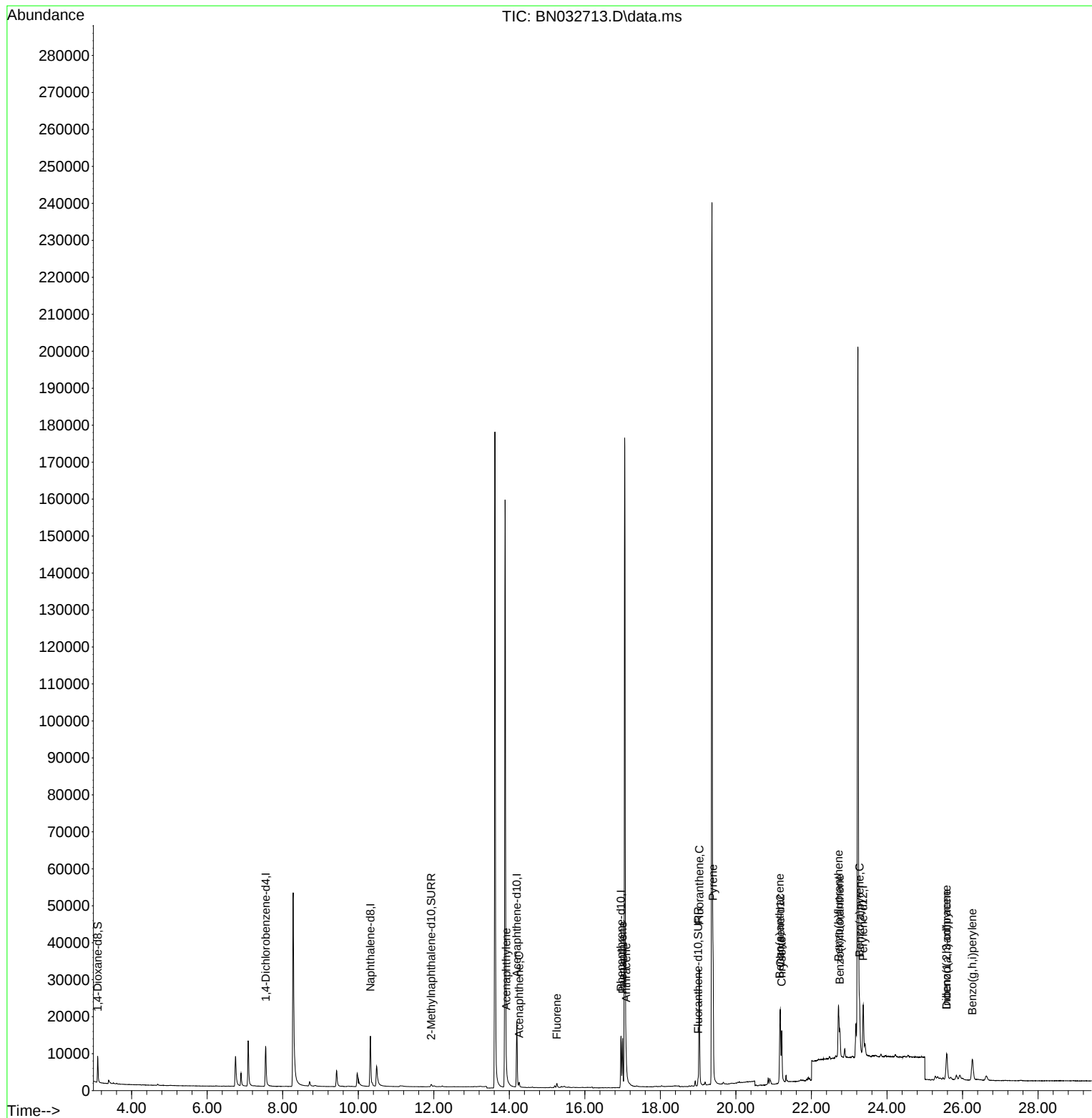
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032713.D
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ALS Vial : 54 Sample Multiplier: 1

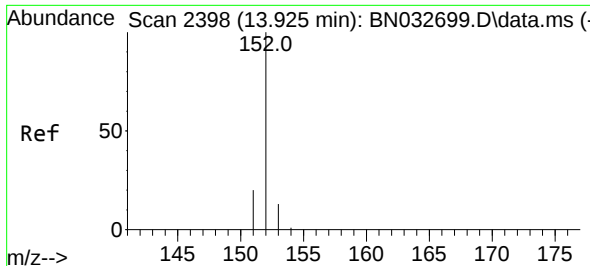
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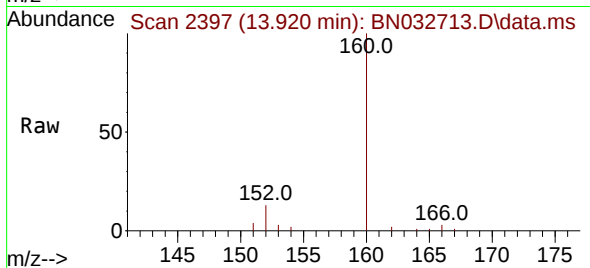
#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Instrument :

BNA_N

ClientSampleId :

A4BR1DL

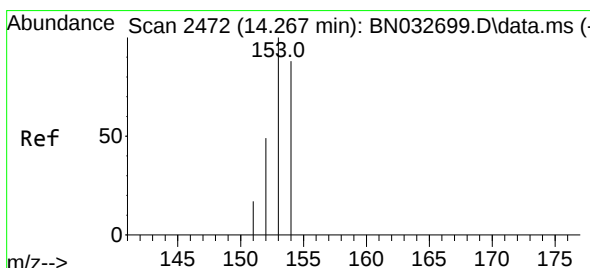
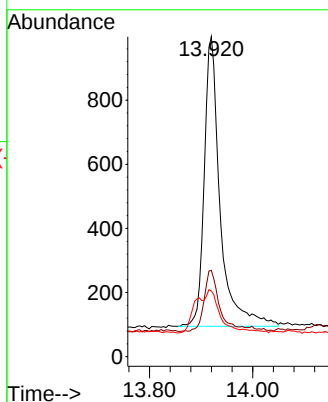
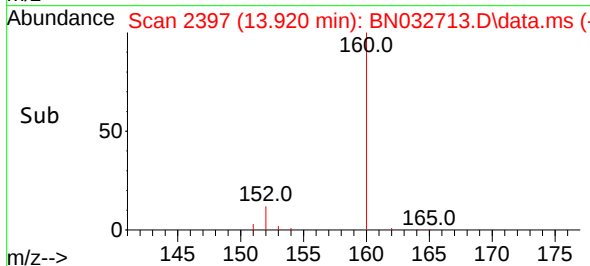


Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 27.0 16.3 24.5
153 20.5 11.3 16.9

Manual Integrations

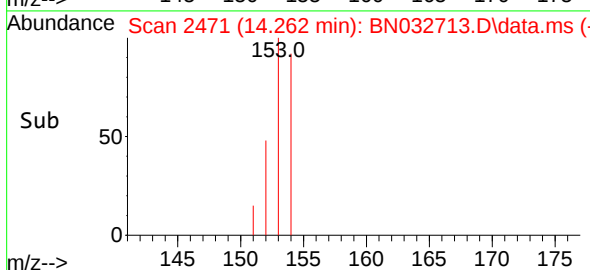
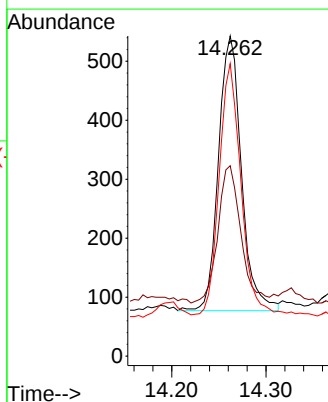
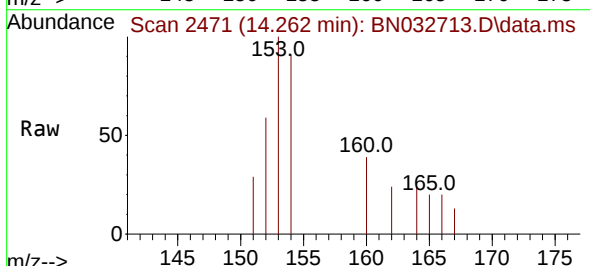
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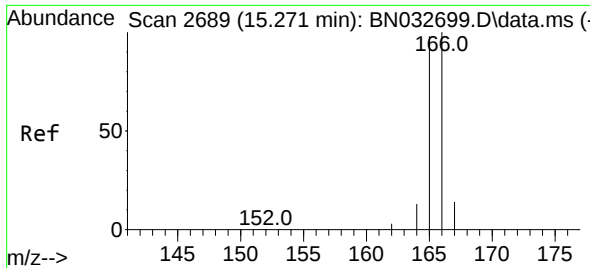
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

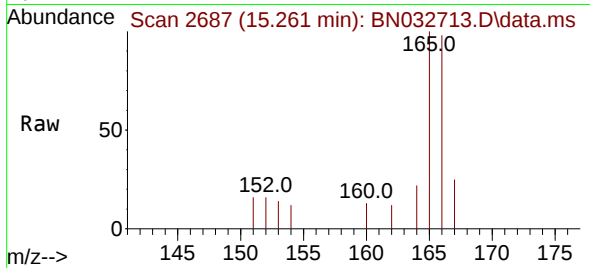
Tgt Ion:153 Resp: 789
Ion Ratio Lower Upper
153 100
152 59.5 40.0 60.0
154 91.3 70.2 105.4





#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.261 min Scan# 2079
Delta R.T. -0.028 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

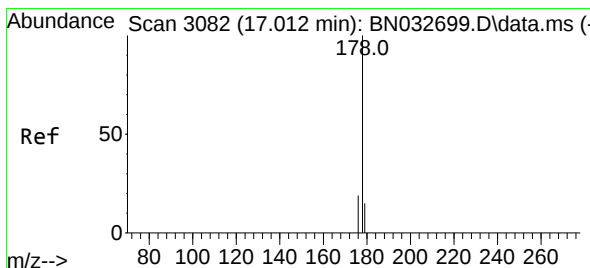
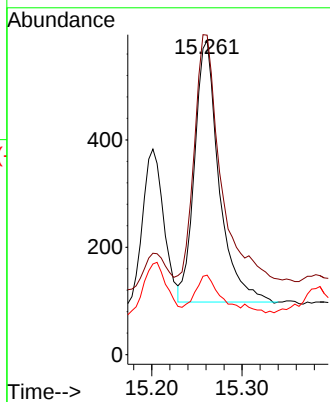
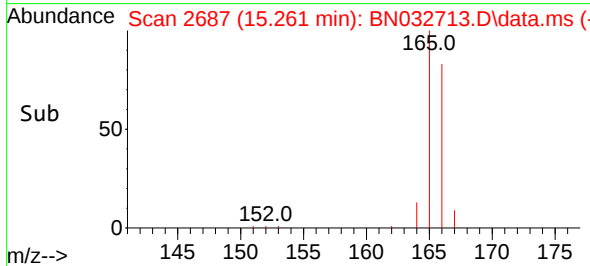
Instrument :
BNA_N
ClientSampleId :
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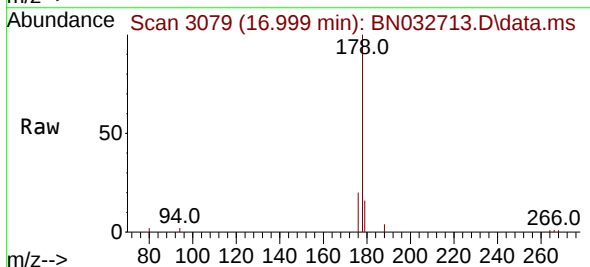
Tgt Ion:166 Resp: 919
Ion Ratio Lower Upper
166 100
165 101.7 79.7 119.5
167 25.3 11.4 17.2

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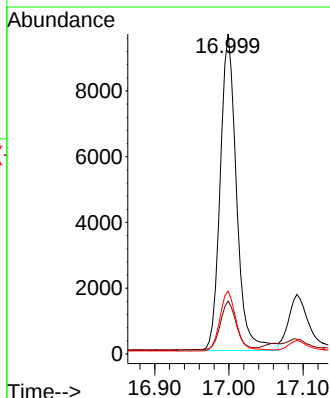
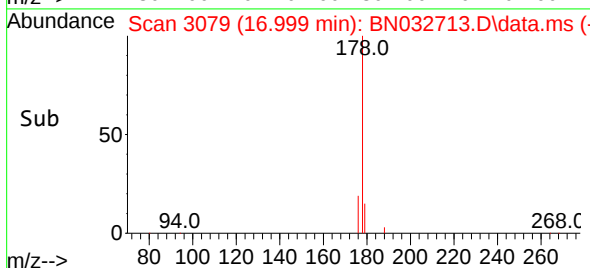
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

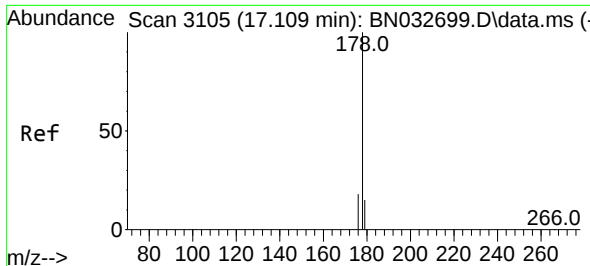


#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56



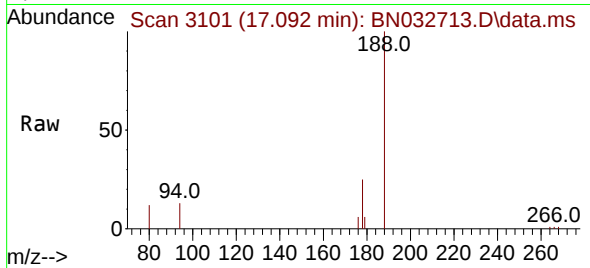
Tgt Ion:178 Resp: 14757
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.080 ng/ul
 RT: 17.092 min Scan# 3105
 Delta R.T. -0.047 min
 Lab File: BN032713.D
 Acq: 13 Jul 2024 16:56

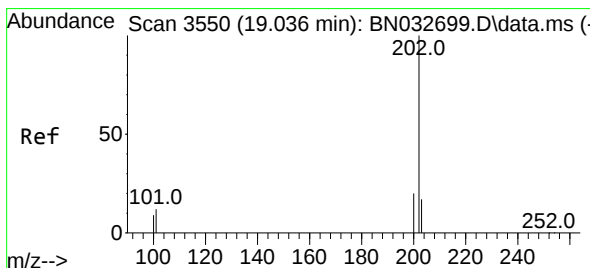
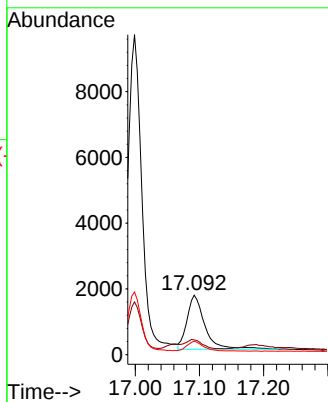
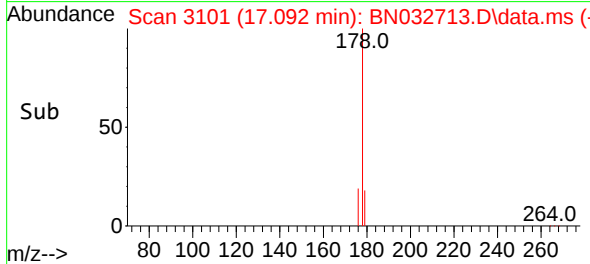
Instrument :
 BNA_N
 ClientSampleId :
 A4BR1DL



Tgt Ion:178 Resp: 3182
 Ion Ratio Lower Upper
 178 100
 179 24.7 13.4 20.2
 176 22.6 15.4 23.0

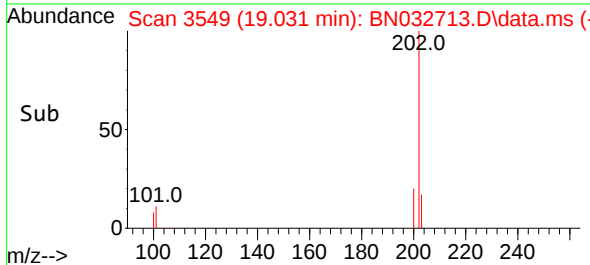
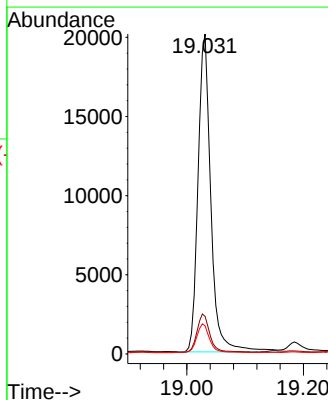
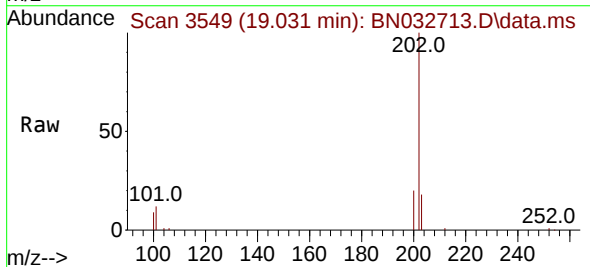
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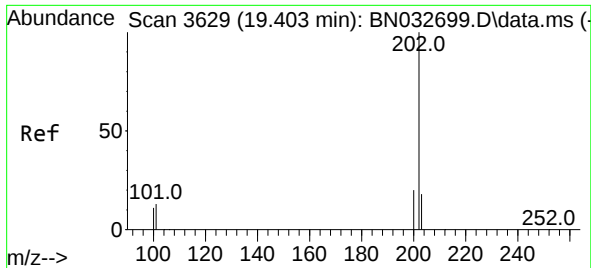
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 0.508 ng/ul
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.024 min
 Lab File: BN032713.D
 Acq: 13 Jul 2024 16:56

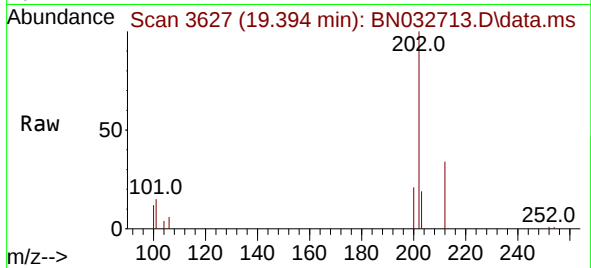
Tgt Ion:202 Resp: 30667
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.8 14.8
 100 8.8 7.9 11.9





#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

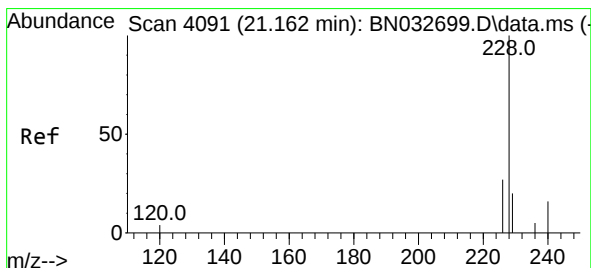
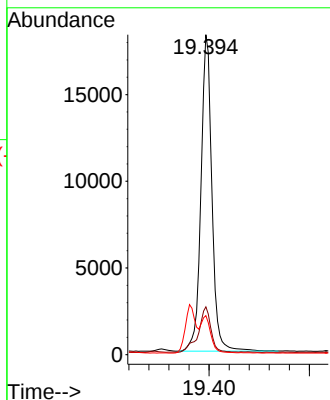
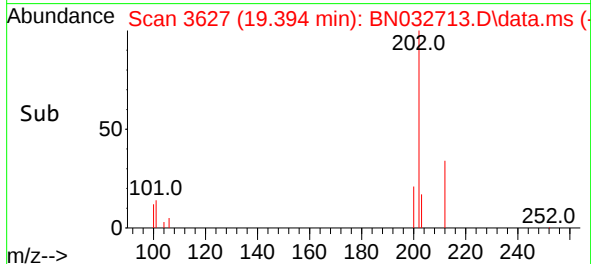
Instrument :
BNA_N
ClientSampleId :
A4BR1DL



Tgt Ion:202 Resp: 2774
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 12.2 9.6 14.4

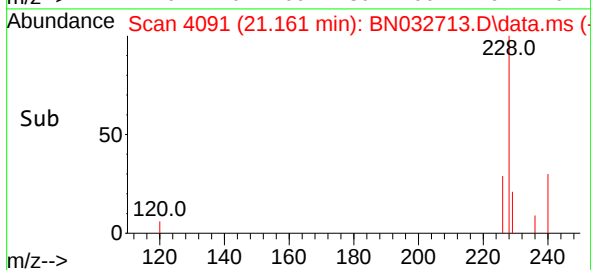
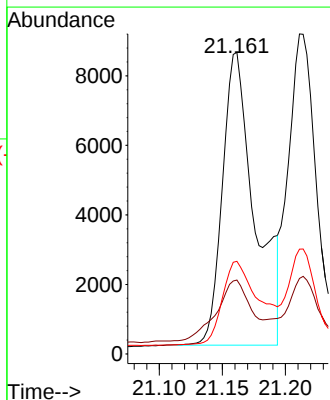
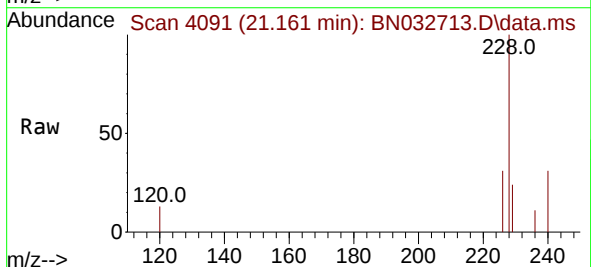
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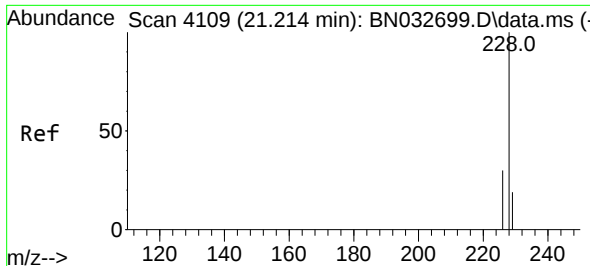
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 0.317 ng/ul m
RT: 21.161 min Scan# 4091
Delta R.T. -0.021 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

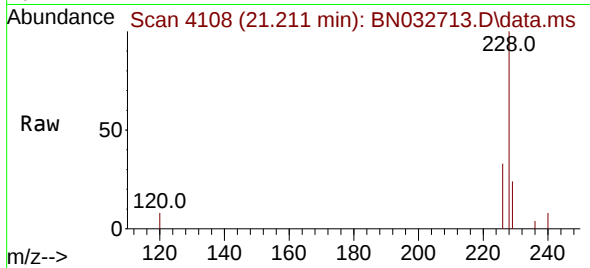
Tgt Ion:228 Resp: 15013
Ion Ratio Lower Upper
228 100
229 24.5 16.1 24.1#
226 30.7 21.9 32.9





#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.211 min Scan# 4109
Delta R.T. -0.021 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

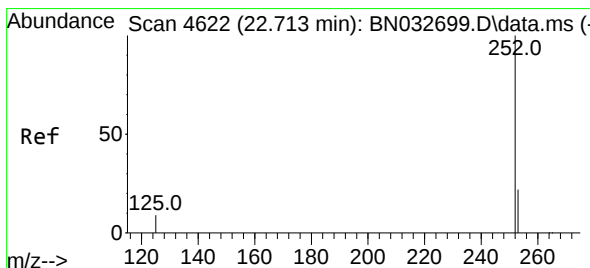
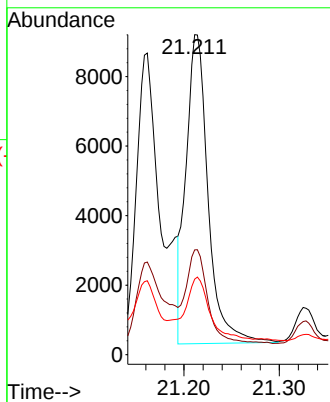
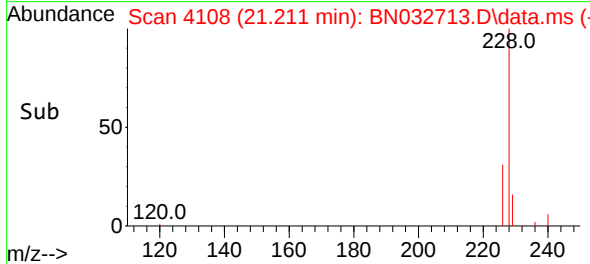
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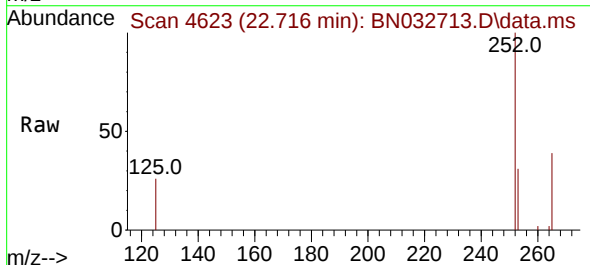
Tgt Ion:228 Resp: 14308
Ion Ratio Lower Upper
228 100
226 32.7 24.0 36.0
229 23.6 15.8 23.6

Manual Integrations
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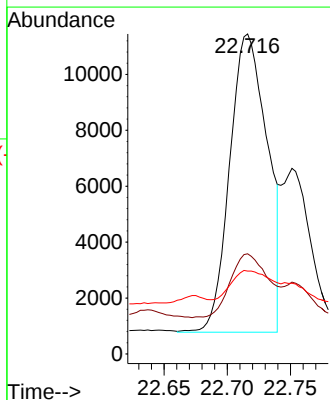
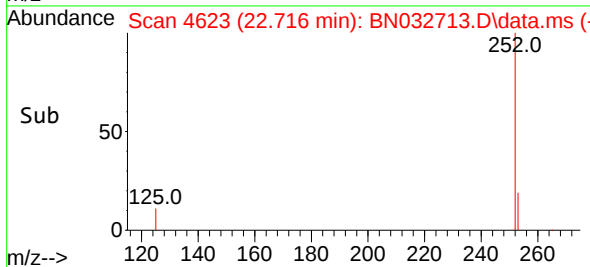
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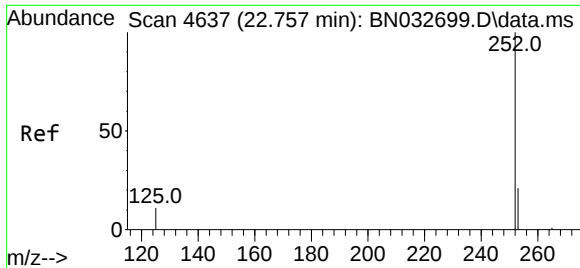


#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. -0.018 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56



Tgt Ion:252 Resp: 22020
Ion Ratio Lower Upper
252 100
253 31.3 0.0 54.0
125 25.9 0.0 36.0





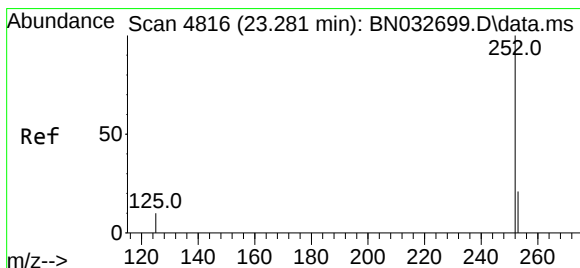
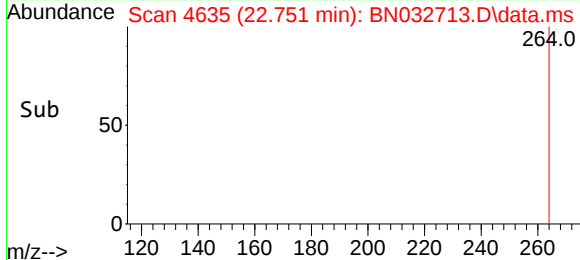
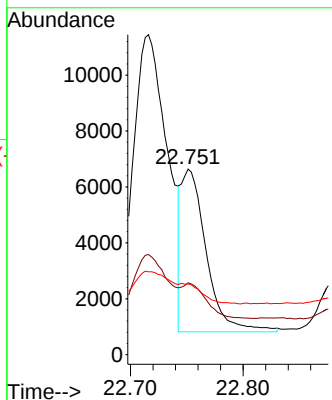
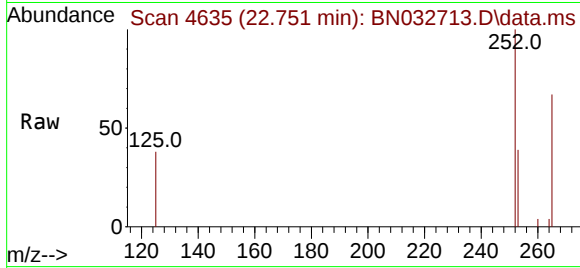
#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.027 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Instrument :
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A4BR1DL

Tgt Ion:	252	Resp:	8979
Ion Ratio	Lower	Upper	
252	100		
253	38.7	21.2	31.8
125	38.1	14.8	22.2

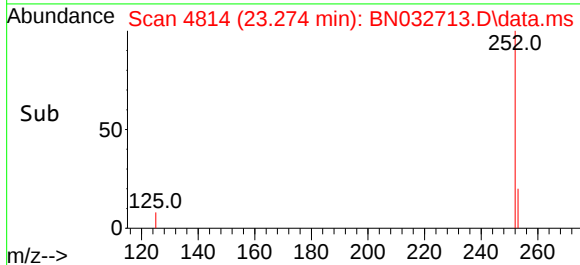
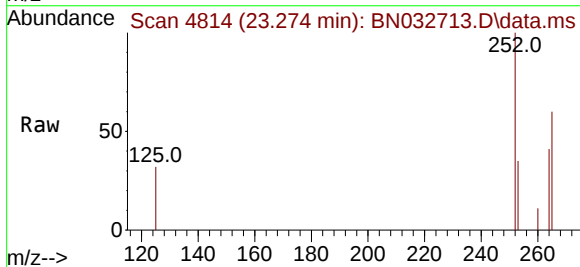
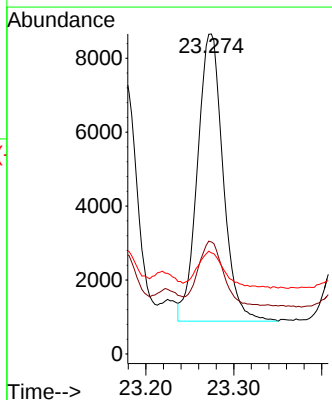
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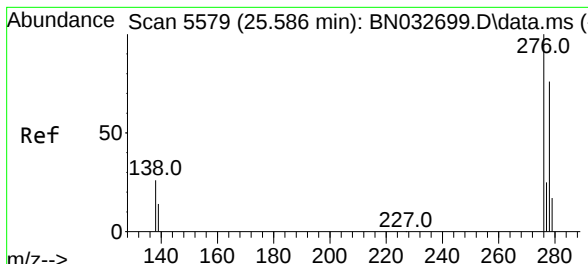
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.274 min Scan# 4814
Delta R.T. -0.035 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Tgt Ion:	252	Resp:	15728
Ion Ratio	Lower	Upper	
252	100		
253	35.0	25.4	38.0
125	31.6	20.6	30.8





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.170 ng/ul
 RT: 25.579 min Scan# 5579
 Delta R.T. -0.047 min
 Lab File: BN032713.D
 Acq: 13 Jul 2024 16:56

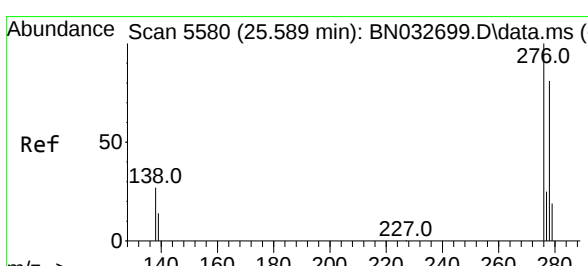
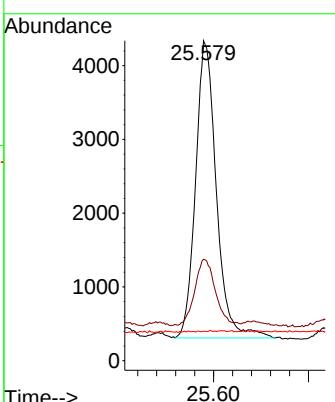
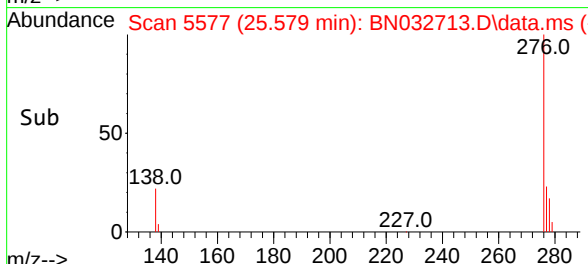
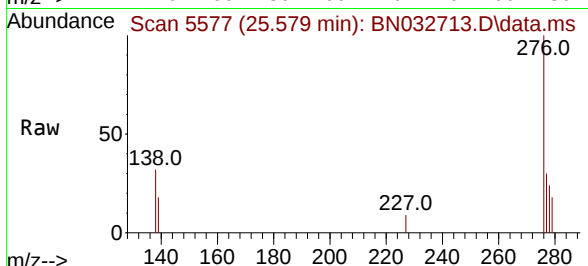
Instrument :
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Tgt Ion: 276 Resp: 12200

Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.6	32.4
227	0.1	0.0	0.0

Manual Integrations
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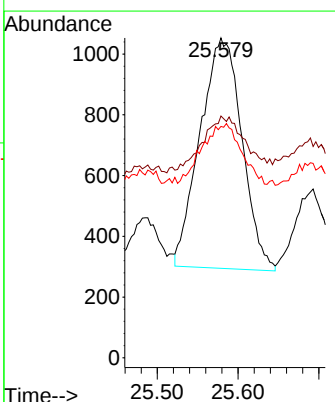
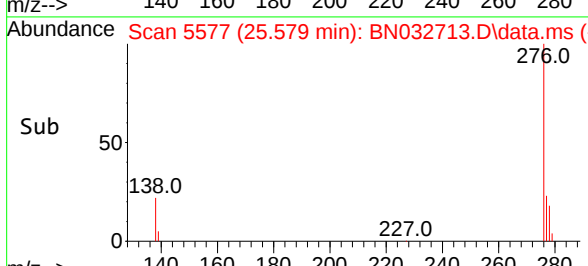
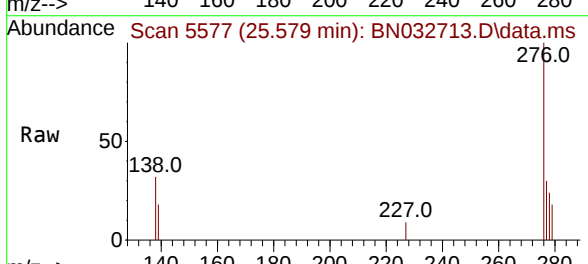
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

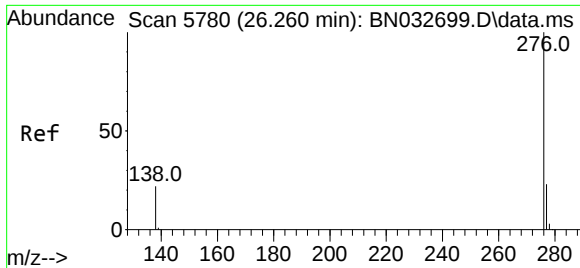


#28
 Dibenzo(a,h)anthracene
 Concen: 0.049 ng/ul
 RT: 25.579 min Scan# 5577
 Delta R.T. -0.061 min
 Lab File: BN032713.D
 Acq: 13 Jul 2024 16:56

Tgt Ion: 278 Resp: 2736

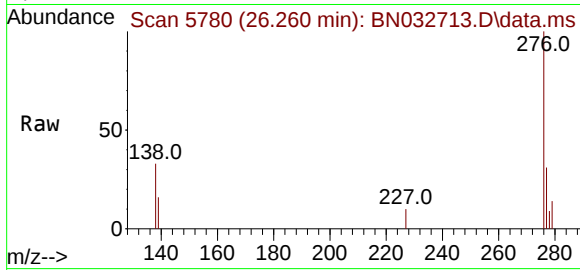
Ion	Ratio	Lower	Upper
278	100		
139	75.6	16.6	24.8#
279	72.4	23.7	35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.206 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.041 min
 Lab File: BN032713.D
 Acq: 13 Jul 2024 16:56

Instrument :
 BNA_N
 ClientSampleId :
 A4BR1DL



Tgt Ion:	276	Resp:	1235
Ion Ratio	Lower	Upper	
276	100		
138	32.6	21.0	31.4
277	31.0	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

