

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
 Data File : BN031551.D
 Acq On : 16 May 2024 15:39
 Operator : MA/JU
 Sample : P2321-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0Y32MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 16:20:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 12:57:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	14499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	49343	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	28031	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.079	188	63282	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	47649	0.400	ng/ul	0.00
23) Perylene-d12	23.497	264	40727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	6700	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	18400	0.263	ng/ul	0.00
18) Fluoranthene-d10	19.110	212	45114	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	18248	1.003	ng/ul	92
5) Naphthalene	10.530	128	336273	2.547	ng/ul	100
7) 2-Methylnaphthalene	12.147	142	36842	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.367	142	66866	0.759	ng/ul	100
10) Acenaphthylene	14.054	152	75608	0.594	ng/ul	99
11) Acenaphthene	14.396	153	137377	1.418	ng/ul	98
12) Fluorene	15.386	166	144184	1.342	ng/ul	99
14) Pentachlorophenol	16.720	266	3665	0.371	ng/ul	100
15) Phenanthrene	17.117	178	559352	3.020	ng/ul	100
16) Anthracene	17.210	178	136487	0.873	ng/ul	100
19) Fluoranthene	19.138	202	858736	4.847	ng/ul	100
20) Pyrene	19.501	202	738743	4.213	ng/ul	98
21) Benzo(a)anthracene	21.246	228	361431	2.192	ng/ul	95
22) Chrysene	21.299	228	337560	1.895	ng/ul	98
24) Benzo(b)fluoranthene	22.827	252	400078m	2.668	ng/ul	
25) Benzo(k)fluoranthene	22.868	252	213539m	1.315	ng/ul	
26) Benzo(a)pyrene	23.400	252	279905	2.130	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.753	276	197845	1.296	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.770	278	63945	0.528	ng/ul	99
29) Benzo(g,h,i)perylene	26.444	276	181791	1.481	ng/ul	99

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

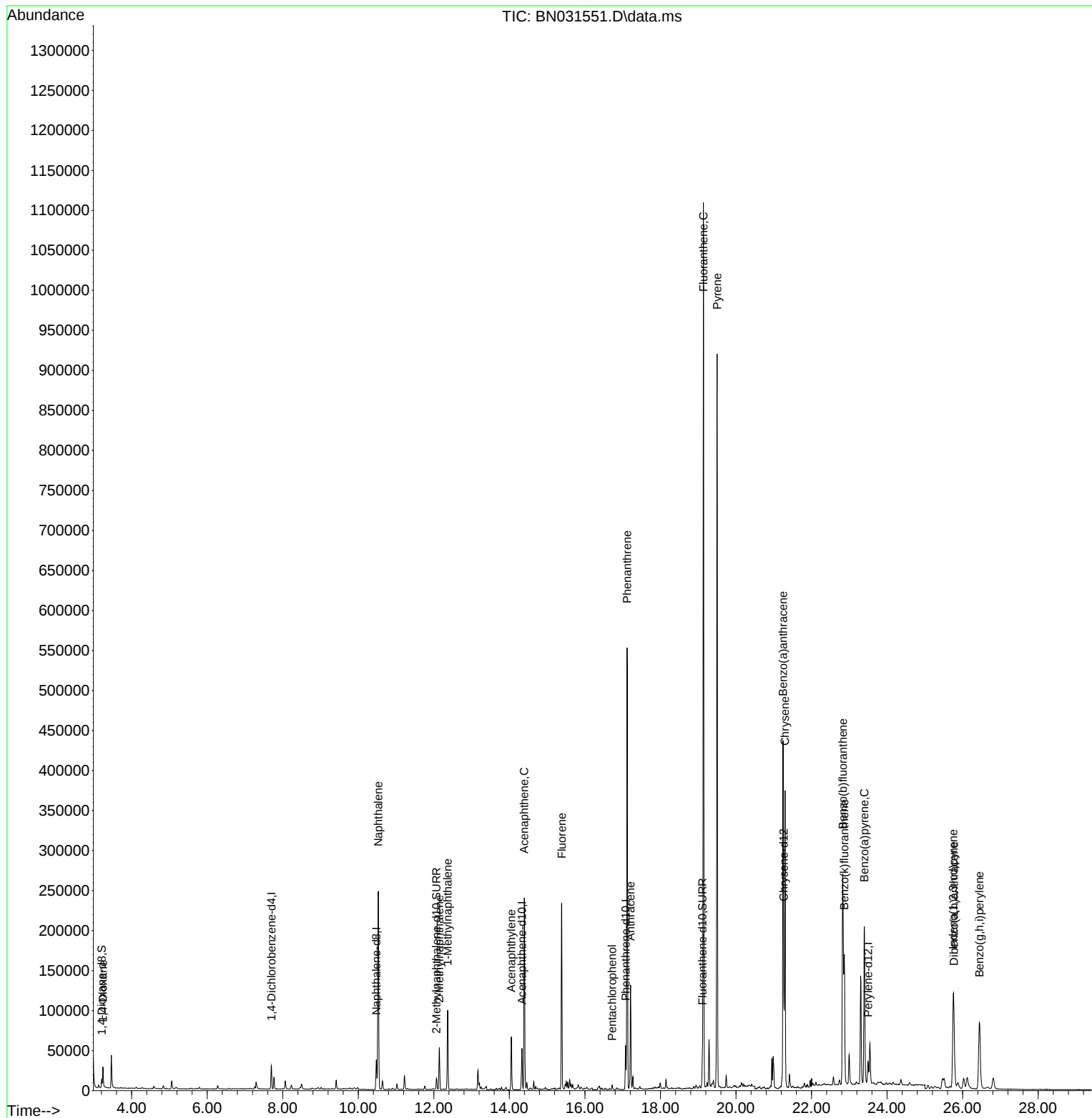
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
Data File : BN031551.D
Acq On : 16 May 2024 15:39
Operator : MA/JU
Sample : P2321-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

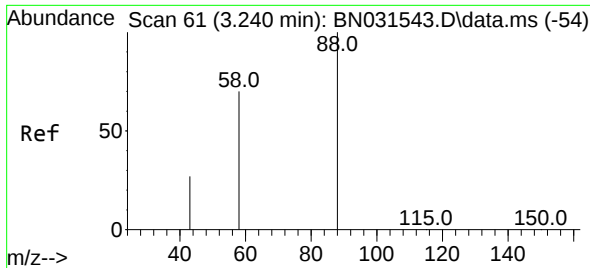
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

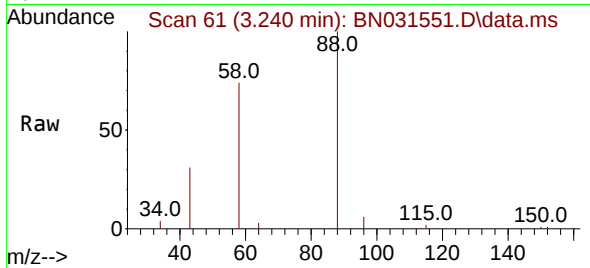
Quant Time: May 16 16:20:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 12:57:23 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.003 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

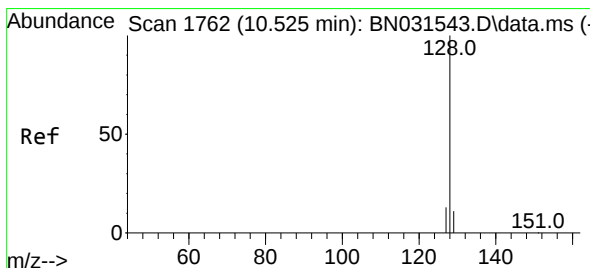
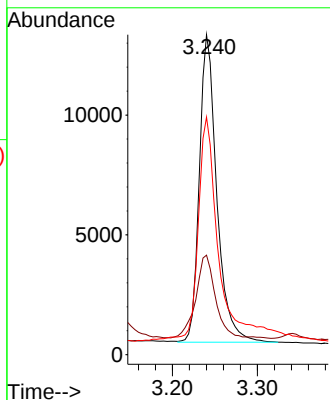
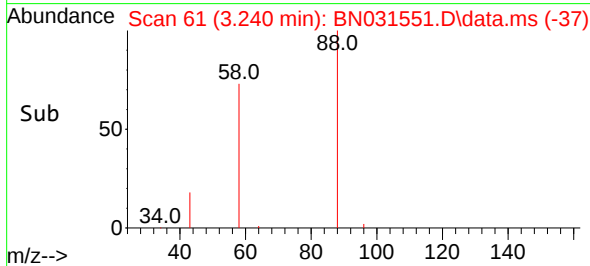
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion: 88 Resp: 18248
Ion Ratio Lower Upper
88 100
43 31.1 23.3 34.9
58 74.2 53.0 79.4

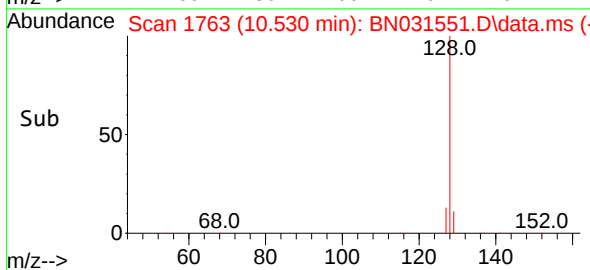
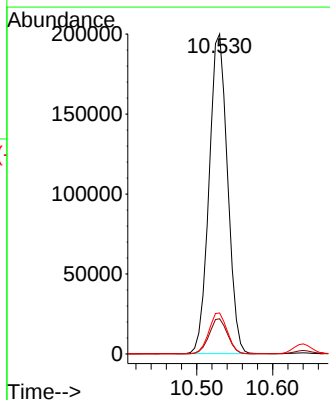
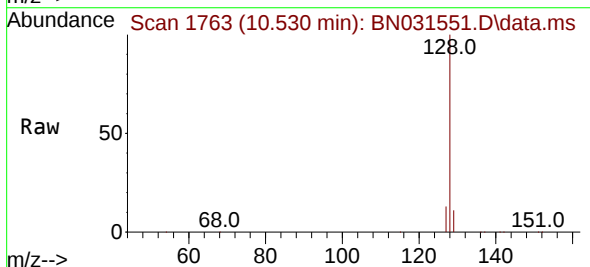
Manual Integrations
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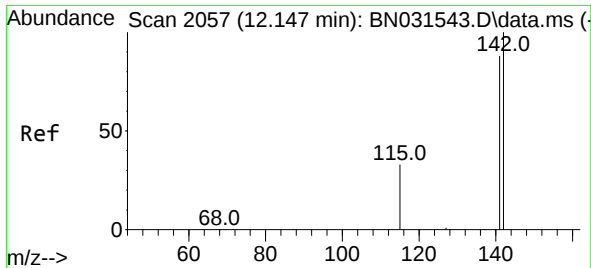
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#5
Naphthalene
Concen: 2.547 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

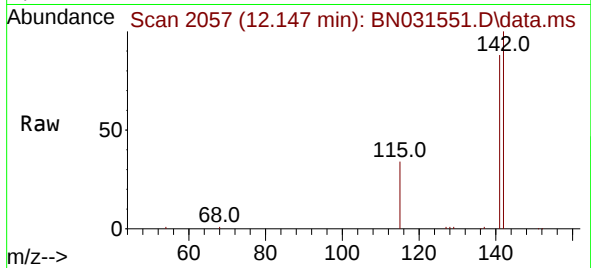
Tgt Ion:128 Resp: 336273
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.4 15.6





#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.147 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

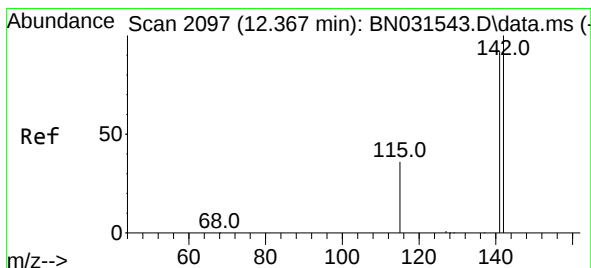
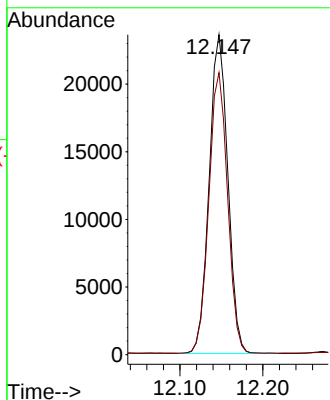
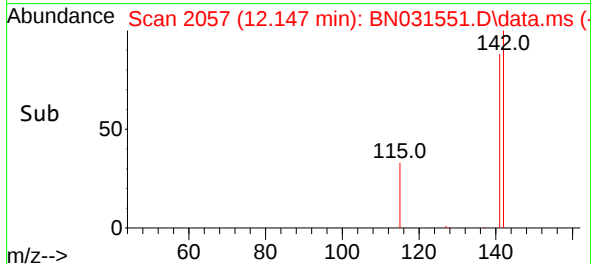
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



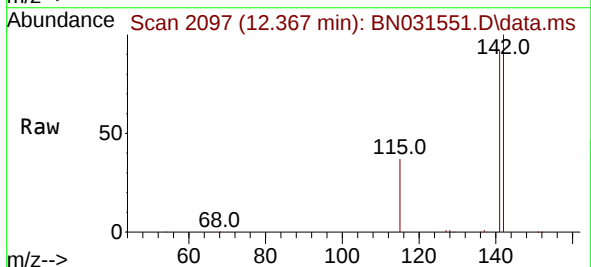
Tgt Ion:142 Resp: 3684
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

Manual Integrations
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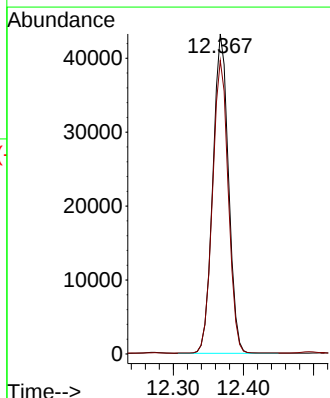
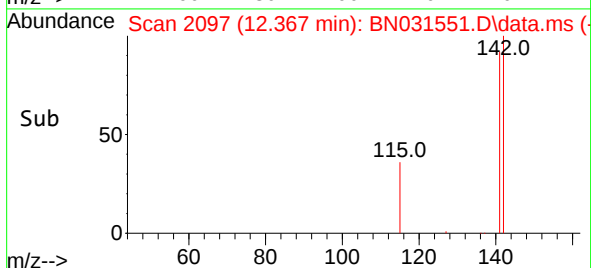
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

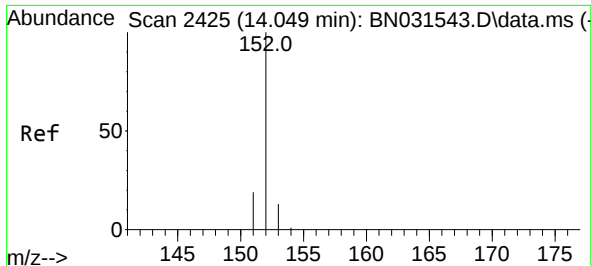


#8
1-Methylnaphthalene
Concen: 0.759 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39



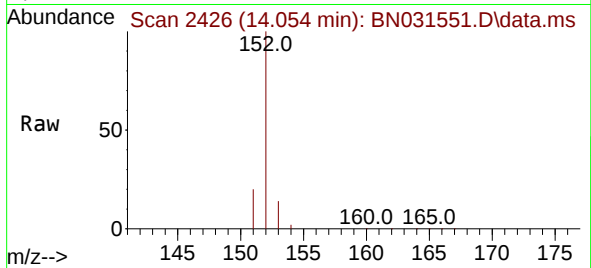
Tgt Ion:142 Resp: 66866
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2





#10
Acenaphthylene
Concen: 0.594 ng/u1
RT: 14.054 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

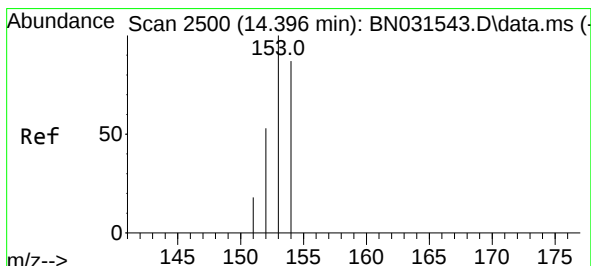
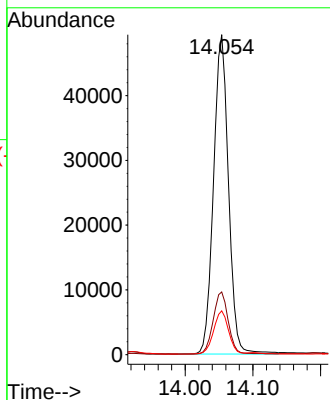
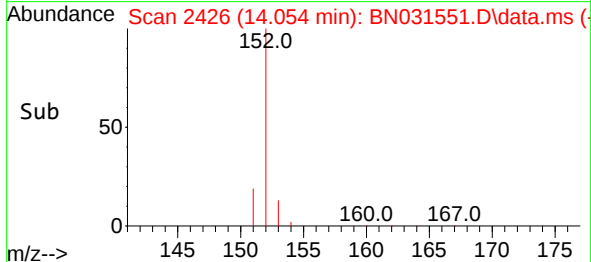
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion:152 Resp: 75608
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.7 10.5 15.7

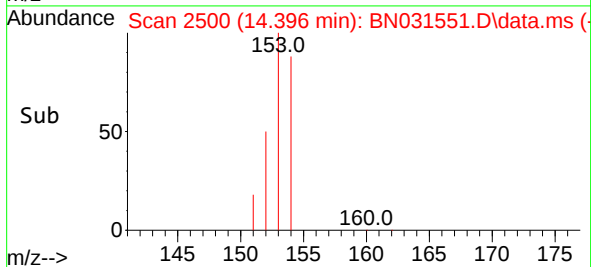
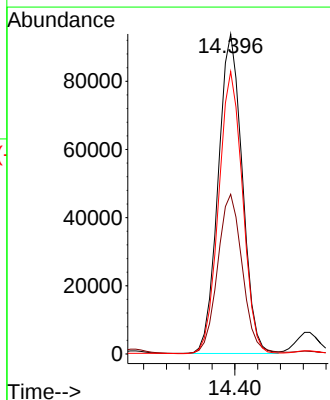
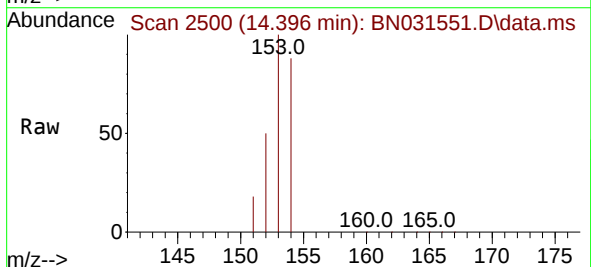
Manual Integrations
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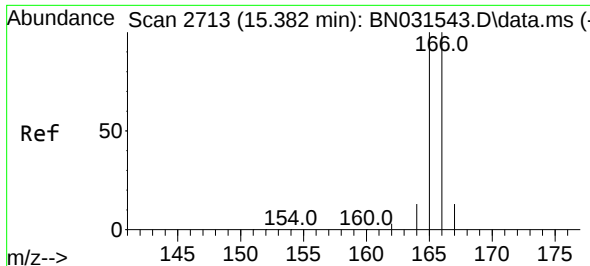
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#11
Acenaphthene
Concen: 1.418 ng/u1
RT: 14.396 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

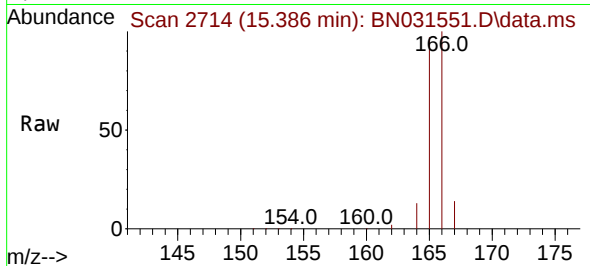
Tgt Ion:153 Resp: 137377
Ion Ratio Lower Upper
153 100
152 49.9 42.6 64.0
154 88.2 70.0 105.0





#12
Fluorene
Concen: 1.342 ng/ul
RT: 15.386 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

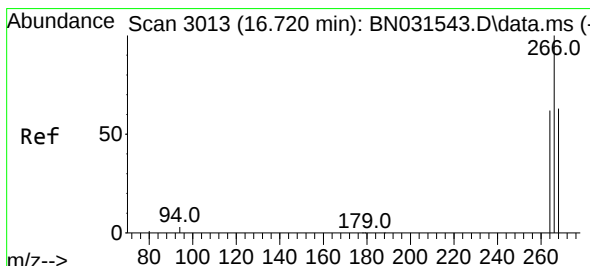
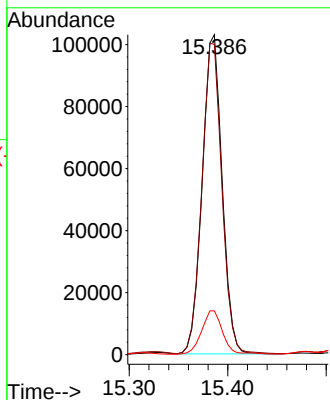
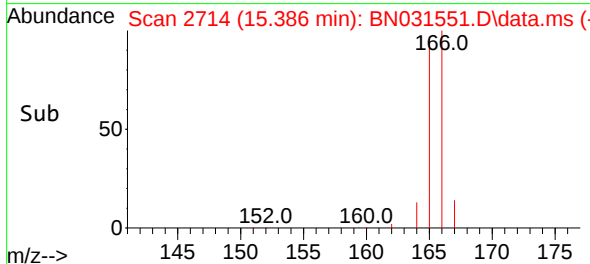
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion:166 Resp: 144184
Ion Ratio Lower Upper
166 100
165 97.0 78.6 117.8
167 13.7 10.9 16.3

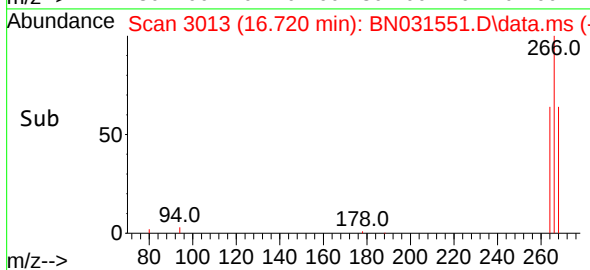
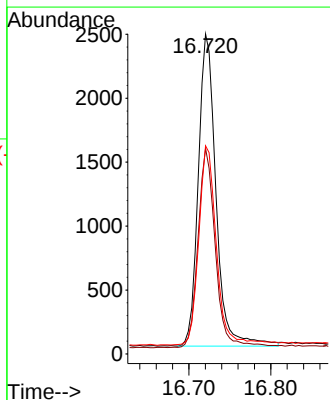
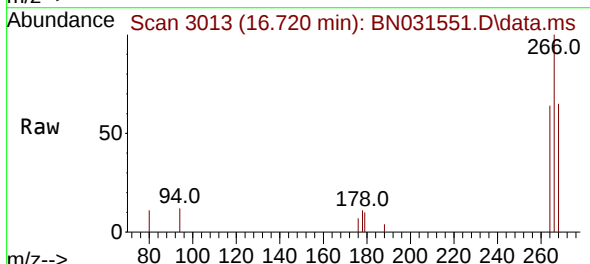
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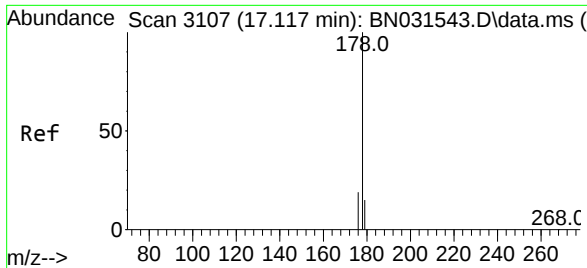
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#14
Pentachlorophenol
Concen: 0.371 ng/ul
RT: 16.720 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

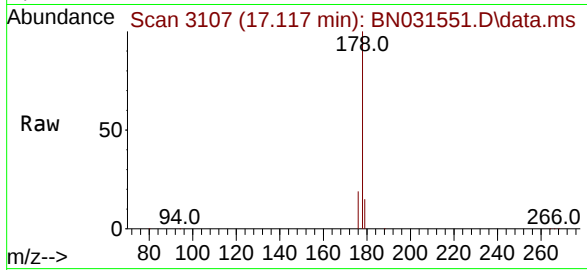
Tgt Ion:266 Resp: 3665
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 64.0 51.1 76.7





#15
Phenanthrene
Concen: 3.020 ng/ul
RT: 17.117 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

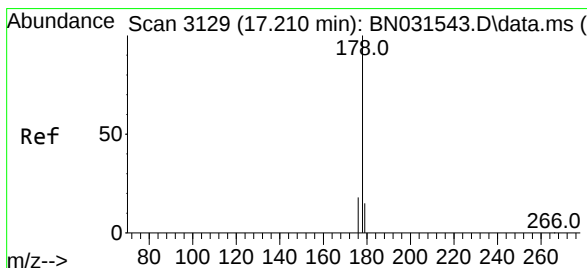
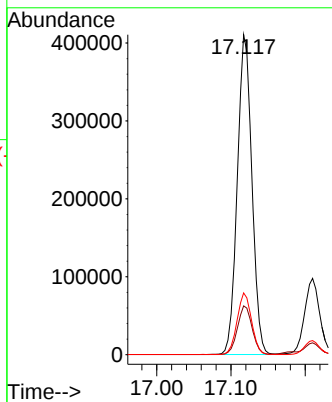
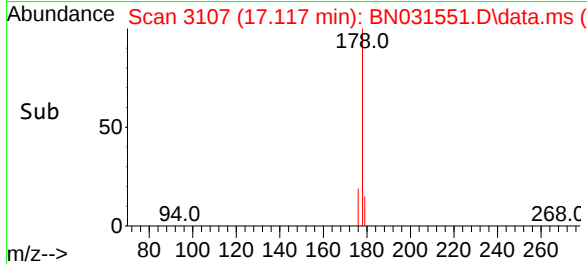
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion:178 Resp: 559352
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.3 15.4 23.0

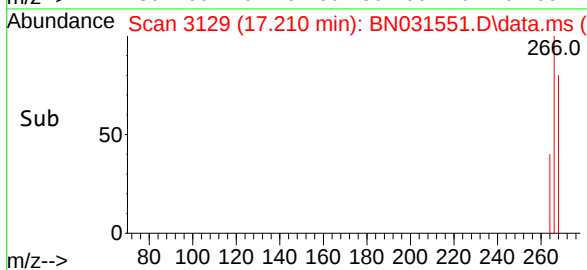
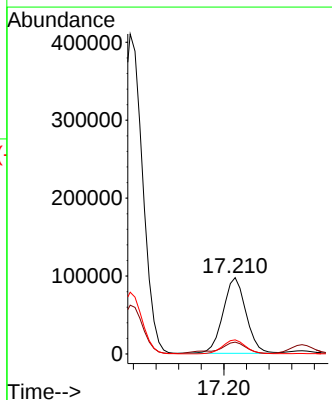
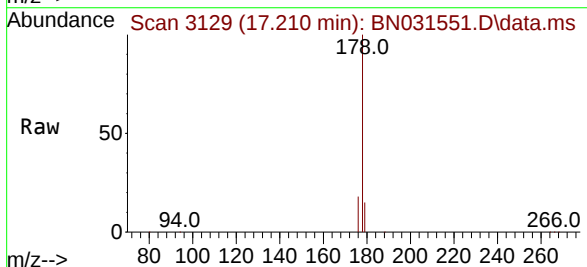
Manual Integrations
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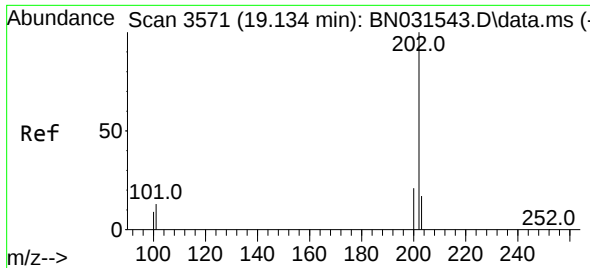
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#16
Anthracene
Concen: 0.873 ng/ul
RT: 17.210 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

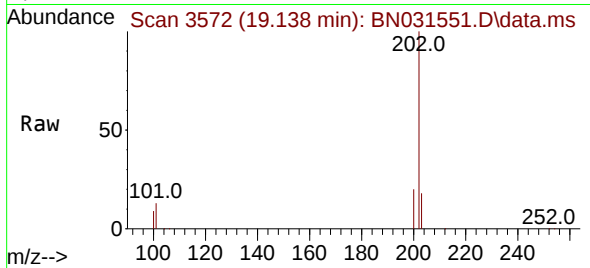
Tgt Ion:178 Resp: 136487
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.4 14.9 22.3





#19
Fluoranthene
Concen: 4.847 ng/u1
RT: 19.138 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

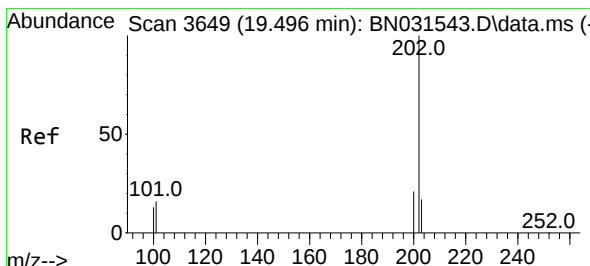
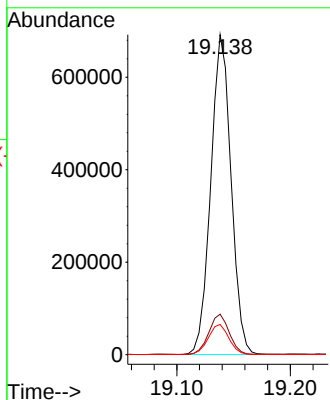
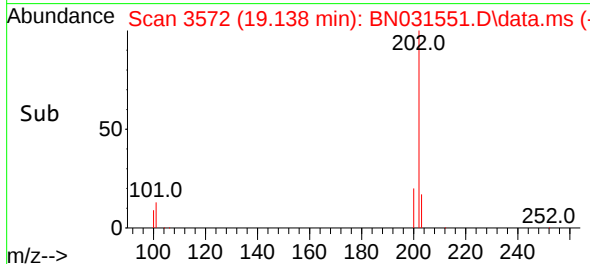
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



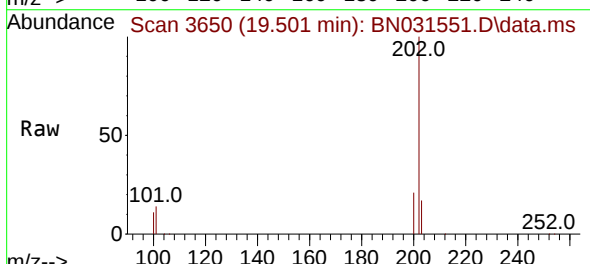
Tgt Ion:202 Resp: 858730
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.4
100 9.4 7.7 11.5

Manual Integrations
APPROVED

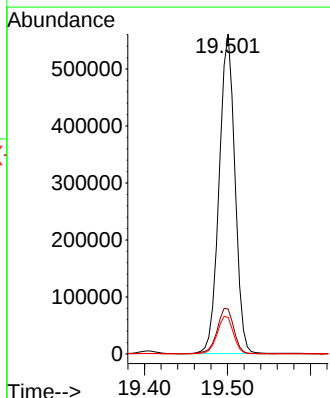
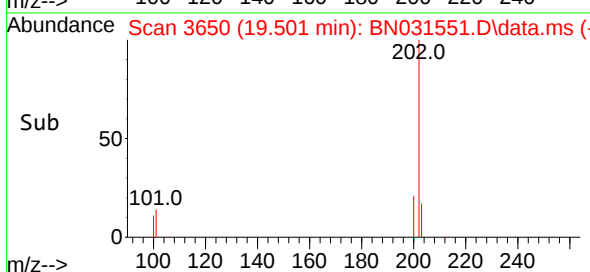
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

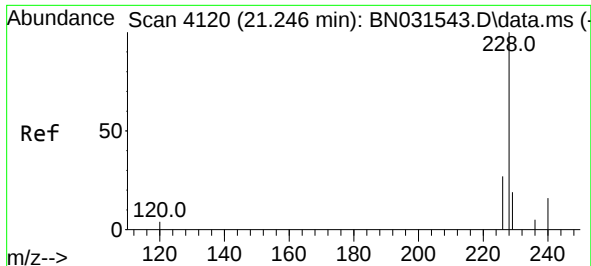


#20
Pyrene
Concen: 4.213 ng/u1
RT: 19.501 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39



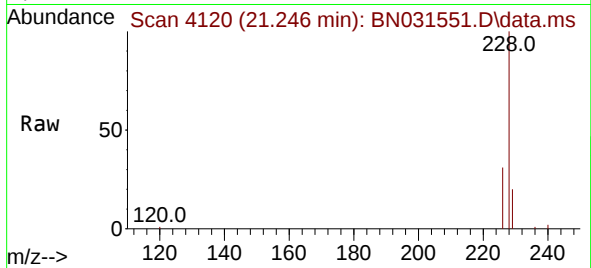
Tgt Ion:202 Resp: 738743
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.4 9.7 14.5





#21
Benzo(a)anthracene
Concen: 2.192 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.003 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

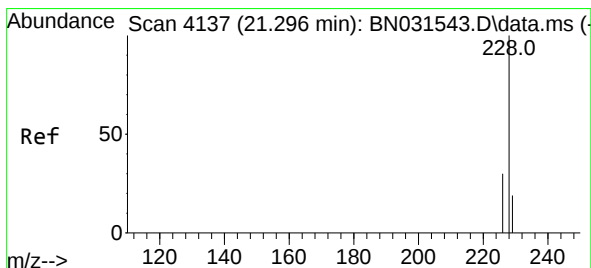
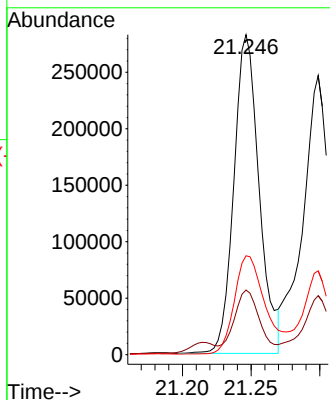
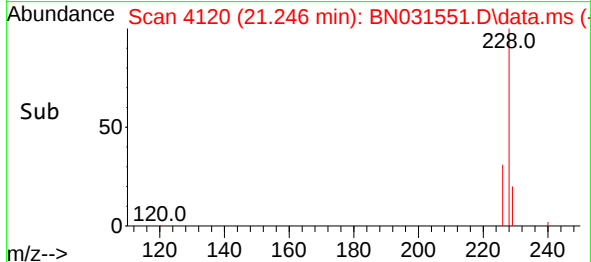
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion:228 Resp: 36143
Ion Ratio Lower Upper
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229 20.2 15.4 23.0
226 30.9 21.5 32.3

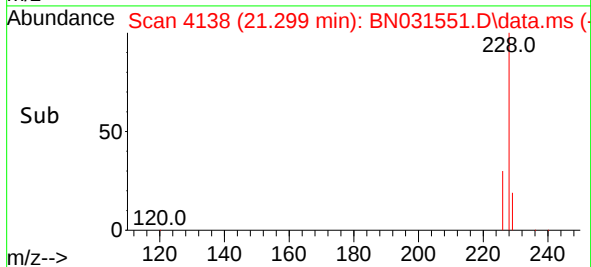
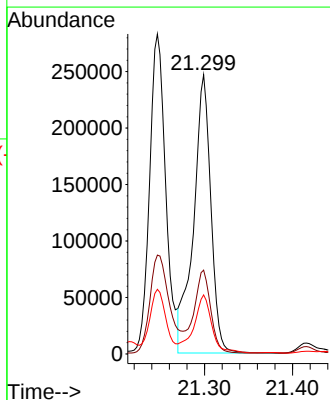
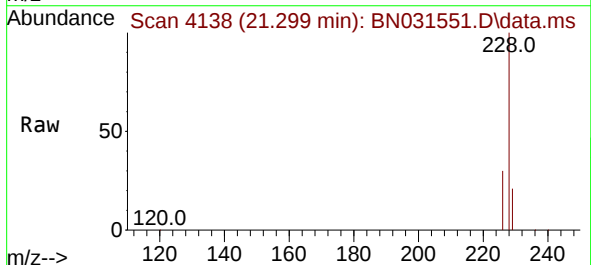
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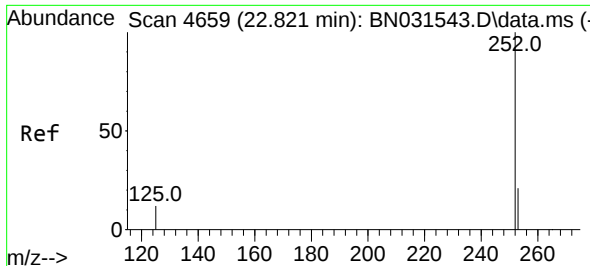
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#22
Chrysene
Concen: 1.895 ng/ul
RT: 21.299 min Scan# 4138
Delta R.T. -0.003 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

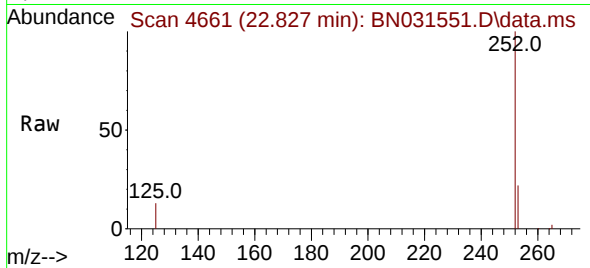
Tgt Ion:228 Resp: 337560
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.668 ng/ul m
RT: 22.827 min Scan# 4661
Delta R.T. -0.000 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

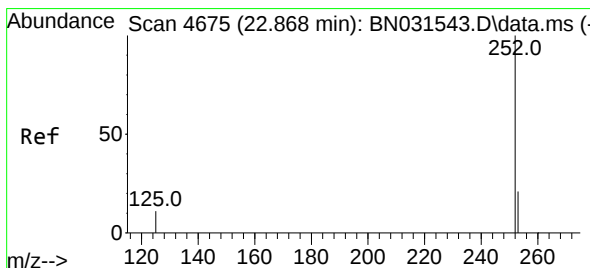
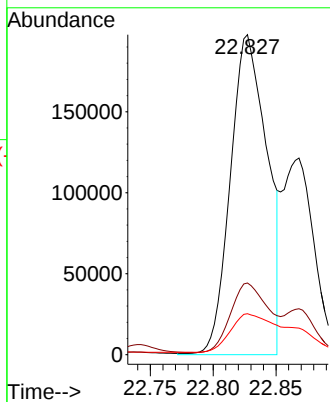
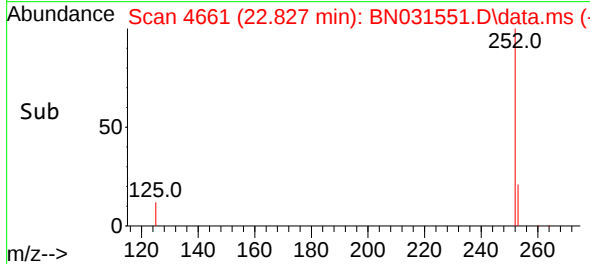
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion:252 Resp: 400078
Ion Ratio Lower Upper
252 100
253 22.4 0.0 44.8
125 12.8 0.0 27.4

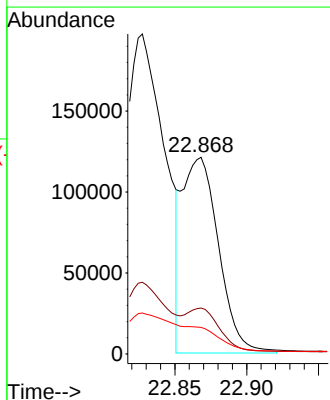
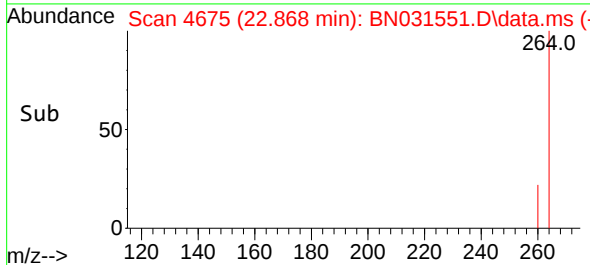
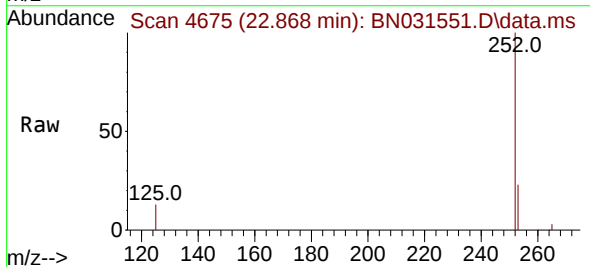
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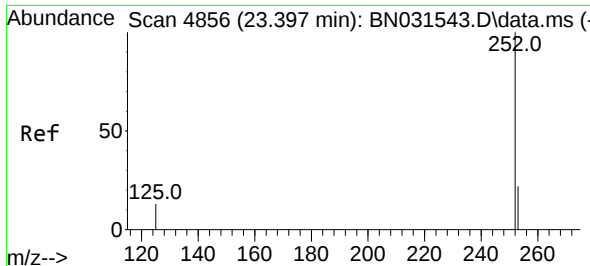
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#25
Benzo(k)fluoranthene
Concen: 1.315 ng/ul m
RT: 22.868 min Scan# 4675
Delta R.T. -0.006 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

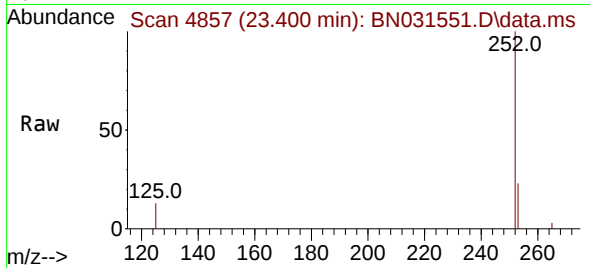
Tgt Ion:252 Resp: 213539
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 13.5 10.6 16.0





#26
Benzo(a)pyrene
Concen: 2.130 ng/ul
RT: 23.400 min Scan# 4856
Delta R.T. -0.003 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

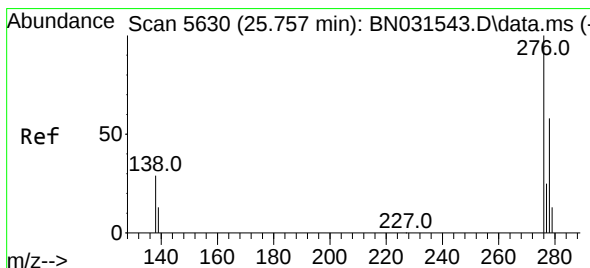
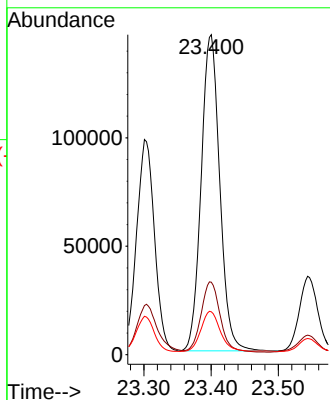
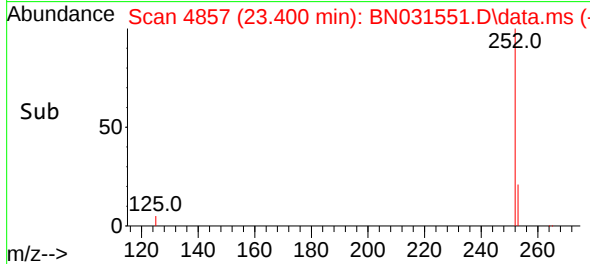
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



Tgt Ion:252 Resp: 279905
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.4 12.3 18.5

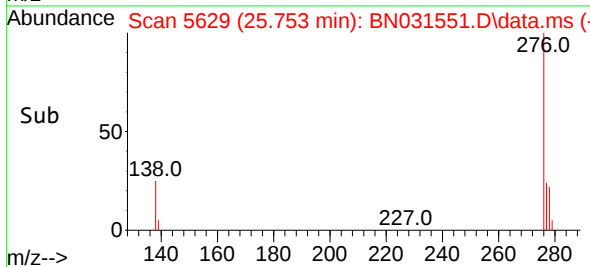
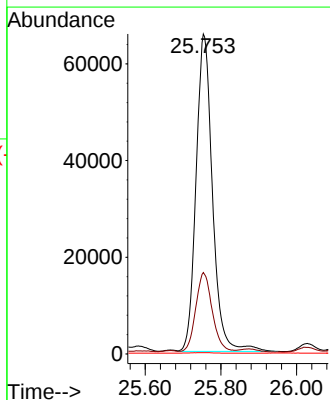
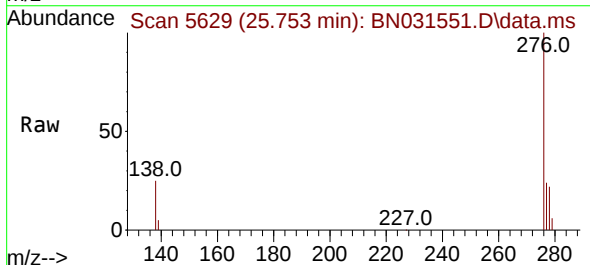
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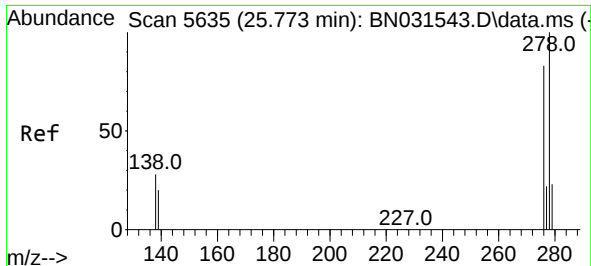
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 25.753 min Scan# 5629
Delta R.T. -0.013 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

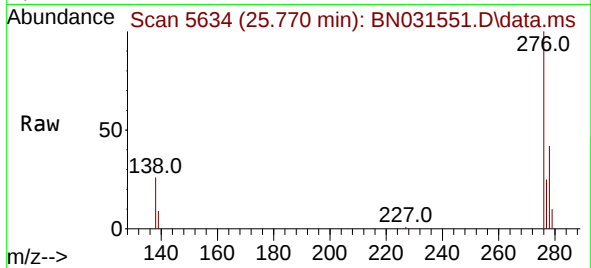
Tgt Ion:276 Resp: 197845
Ion Ratio Lower Upper
276 100
138 24.8 24.8 37.2#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.528 ng/ul
RT: 25.770 min Scan# 5634
Delta R.T. -0.010 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39

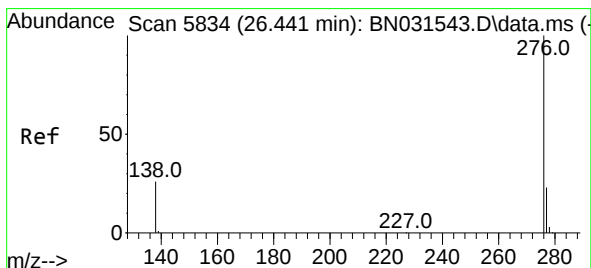
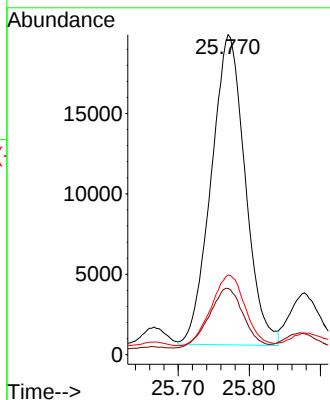
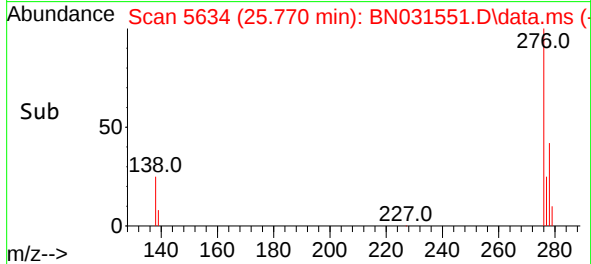
Instrument :
BNA_N
ClientSampleId :
E0Y32MSD



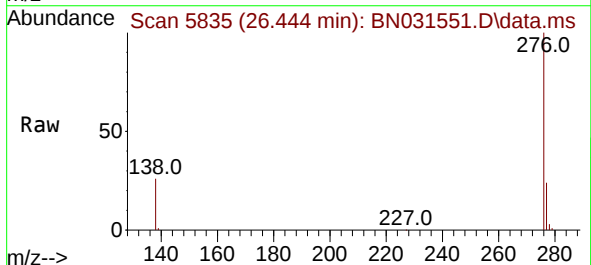
Tgt Ion:278 Resp: 6394
Ion Ratio Lower Upper
278 100
139 20.7 16.7 25.1
279 24.9 19.5 29.3

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Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#29
Benzo(g,h,i)perylene
Concen: 1.481 ng/ul
RT: 26.444 min Scan# 5835
Delta R.T. -0.007 min
Lab File: BN031551.D
Acq: 16 May 2024 15:39



Tgt Ion:276 Resp: 181791
Ion Ratio Lower Upper
276 100
138 25.5 21.4 32.2
277 24.0 19.2 28.8

