

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032233.D
 Acq On : 25 Jun 2024 08:45
 Operator : MA/JU
 Sample : P2844-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C64

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024

Quant Time: Jun 25 09:16:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	305306	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	1203675	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	717290	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.022	188	1446816	20.000	ng/u1	-0.01
79) Chrysene-d12	21.263	240	1333128	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1569357	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	30522	4.136	ng/uL	0.00
4) Pyridine-d5	3.581	84	36915	1.777	ng/u1	0.01
7) Phenol-d5	6.811	99	577173	22.052	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	308266	20.136	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	504153	25.245	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	470222	22.040	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	238783	25.945	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	253492	26.664	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	452444	25.492	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.557	131	336424	12.767	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	1339440	26.805	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	1564782	27.233	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	233401	23.328	ng/u1	0.00
60) Fluorene-d10	15.269	176	1185988	28.050	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	162080	22.287	ng/u1	0.00
73) Anthracene-d10	17.122	188	1856713	29.975	ng/u1	0.00
81) Pyrene-d10	19.428	212	1897723	26.602	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1607305	21.449	ng/u1	0.00
Target Compounds	Qvalue					
16) Acetophenone	8.452	105	42140	1.303	ng/u1	96
50) Acenaphthylene	13.993	152	74128	1.142	ng/u1	99
52) Acenaphthene	14.334	153	61158	1.423	ng/u1	97
61) Fluorene	15.322	166	87998	1.872	ng/u1	97
72) Phenanthrene	17.063	178	2099708	28.489	ng/u1	99
74) Anthracene	17.157	178	424338	5.682	ng/u1	99
77) Carbazole	17.434	167	208207	3.270	ng/u1	99
80) Fluoranthene	19.092	202	3943589	46.256	ng/u1	96
82) Pyrene	19.457	202	2862977	32.730	ng/u1	94
85) Benzo(a)anthracene	21.245	228	1662908	18.636	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	269660	4.478	ng/u1	99
87) Chrysene	21.304	228	1679553	20.151	ng/u1	97
90) Benzo(b)fluoranthene	23.257	252	2084855	22.226	ng/u1	98
91) Benzo(k)fluoranthene	23.310	252	871511m	9.468	ng/u1	
93) Benzo(a)pyrene	24.033	252	919209	10.463	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.451	276	811916	8.020	ng/u1	96
95) Dibenzo(a,h)anthracene	27.480	278	260320	3.150	ng/u1#	91
96) Benzo(g,h,i)perylene	28.468	276	117146m	1.456	ng/u1	

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

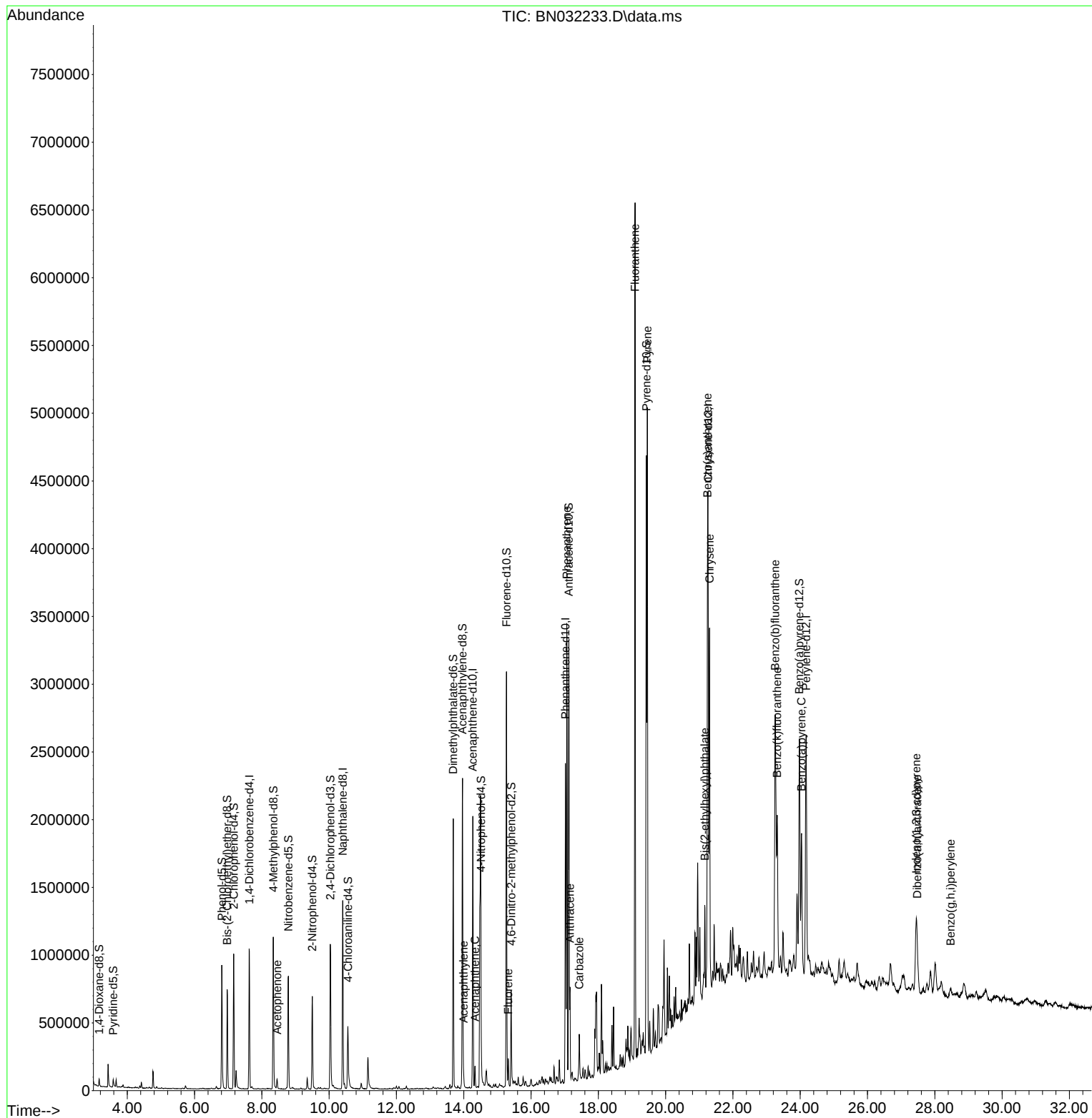
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
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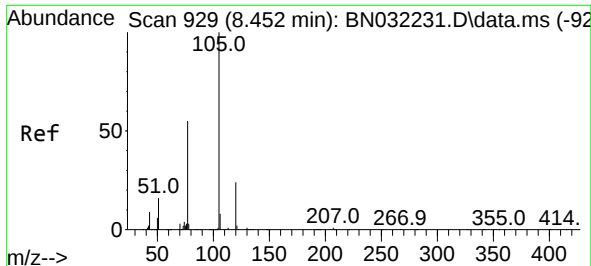
Instrument :
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 Supervised By :Jagrut Upadhyay 06/25/2024

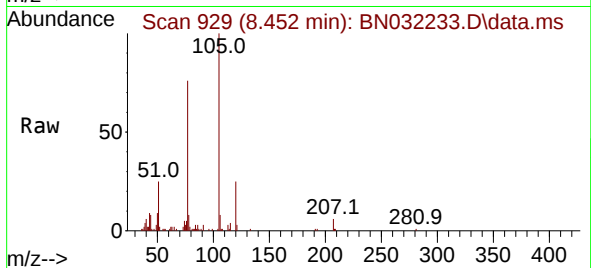
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 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.303 ng/ul
RT: 8.452 min Scan# 91
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

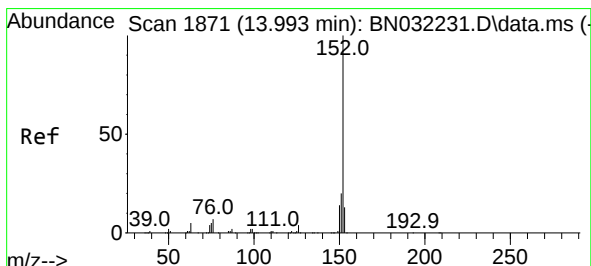
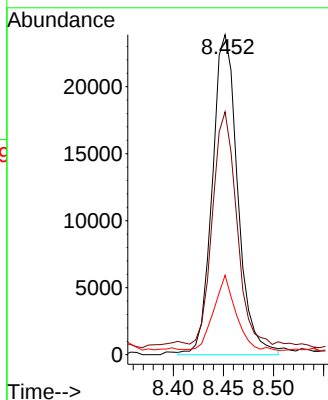
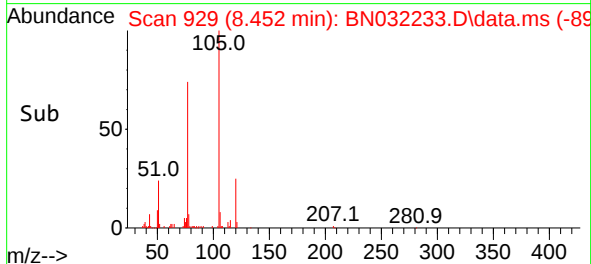
Instrument :
BNA_N
ClientSampleId :
A4C64



Tgt Ion:105 Resp: 42140
Ion Ratio Lower Upper
105 100
77 75.9 58.6 87.8
51 24.8 17.2 25.8

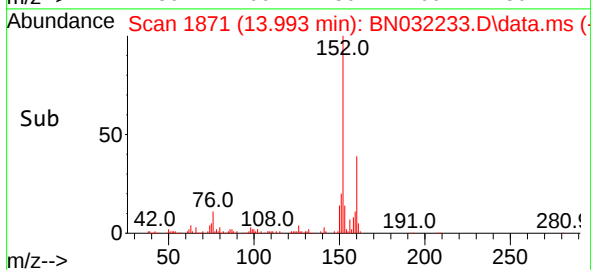
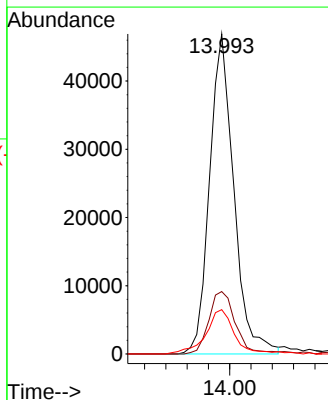
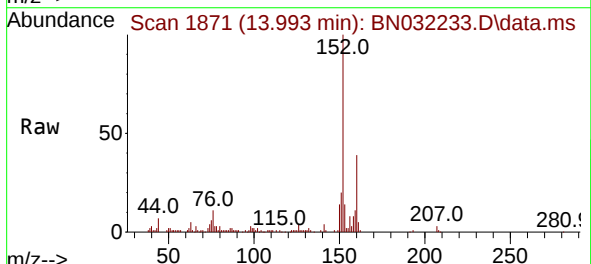
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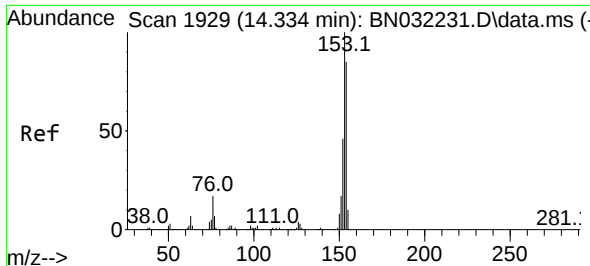
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#50
Acenaphthylene
Concen: 1.142 ng/ul
RT: 13.993 min Scan# 1871
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

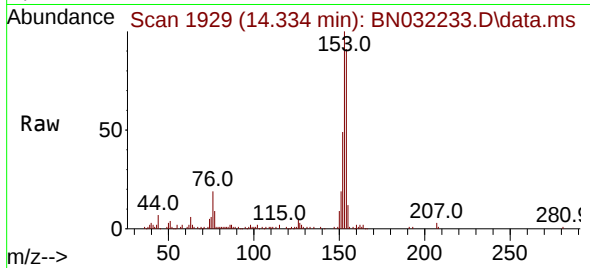
Tgt Ion:152 Resp: 74128
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.9 10.4 15.6





#52
Acenaphthene
Concen: 1.423 ng/ul
RT: 14.334 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

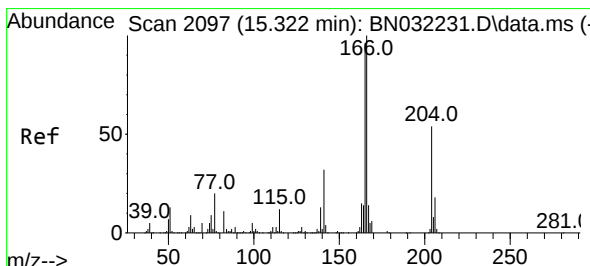
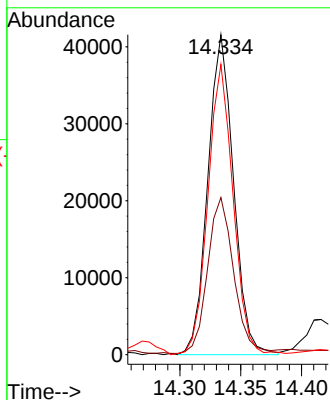
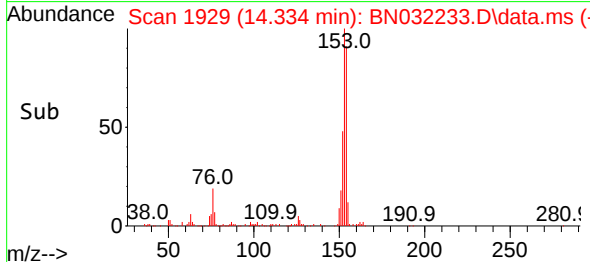
Instrument :
BNA_N
ClientSampleId :
A4C64



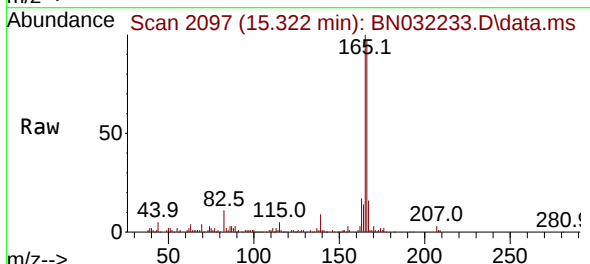
Tgt Ion:153 Resp: 61158
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.6
154 90.7 69.8 104.8

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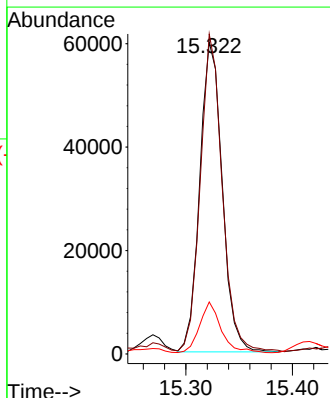
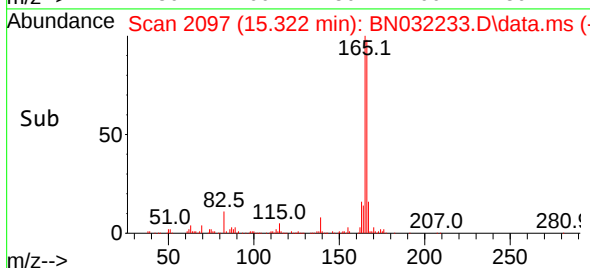
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

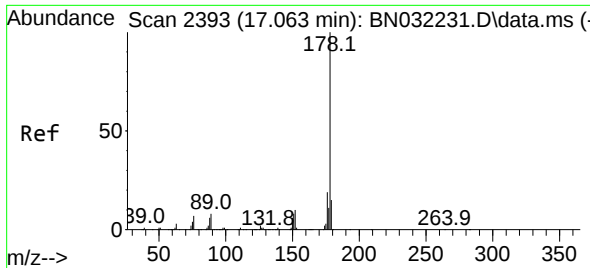


#61
Fluorene
Concen: 1.872 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45



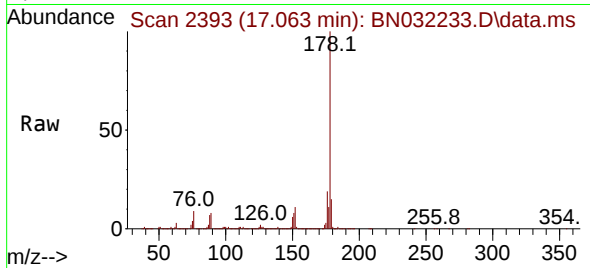
Tgt Ion:166 Resp: 87998
Ion Ratio Lower Upper
166 100
165 102.7 80.3 120.5
167 16.7 11.3 16.9





#72
Phenanthrene
Concen: 28.489 ng/u1
RT: 17.063 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

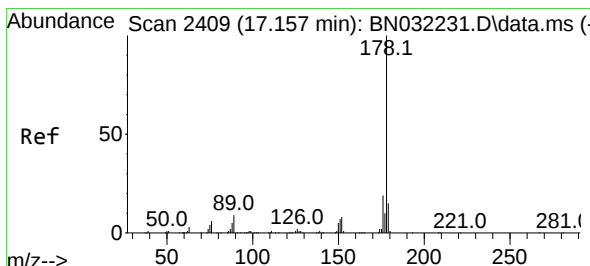
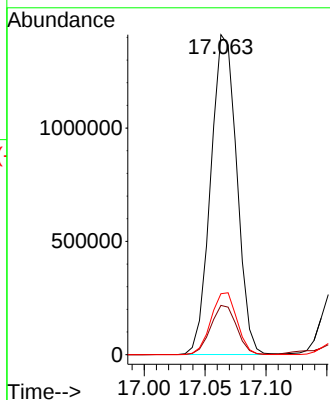
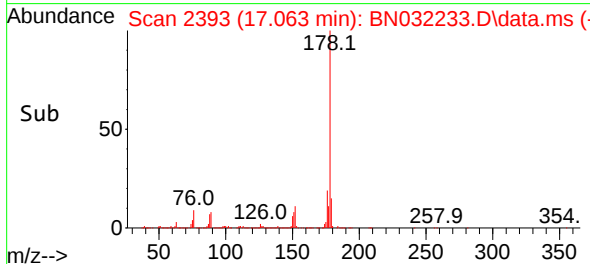
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BNA_N
ClientSampleId :
A4C64



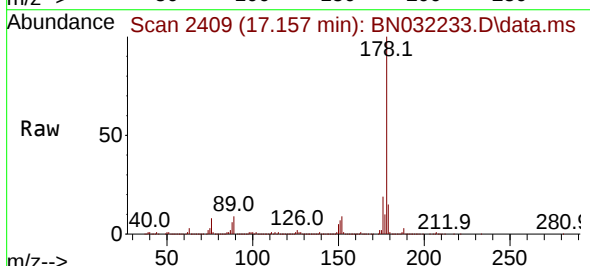
Tgt Ion:178 Resp: 2099708
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.0 15.8 23.6

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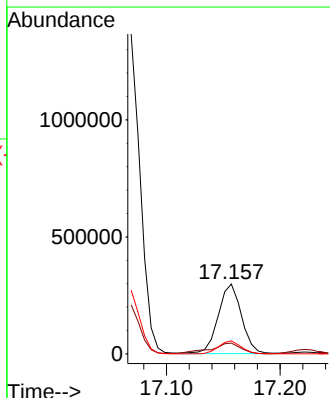
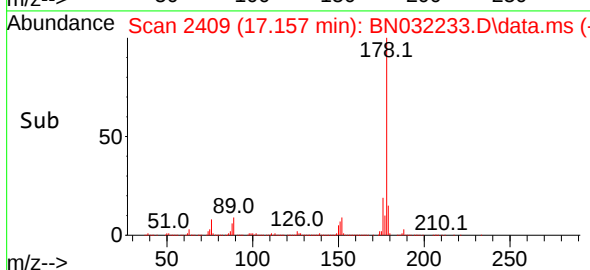
Reviewed By :Yogesh Patel 06/25/2024
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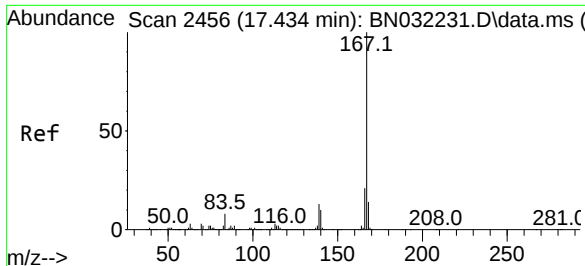


#74
Anthracene
Concen: 5.682 ng/u1
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45



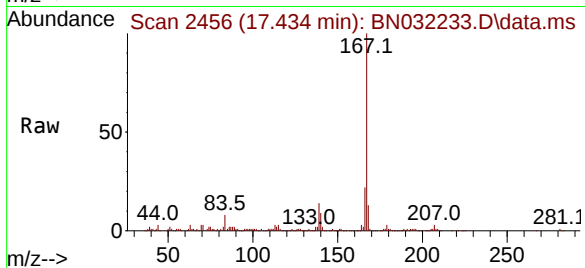
Tgt Ion:178 Resp: 424338
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 18.7 14.8 22.2





#77
 Carbazole
 Concen: 3.270 ng/ul
 RT: 17.434 min Scan# 2456
 Delta R.T. -0.006 min
 Lab File: BN032233.D
 Acq: 25 Jun 2024 08:45

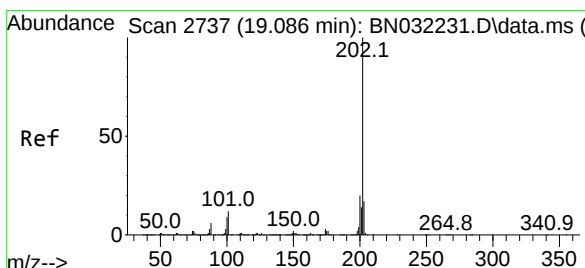
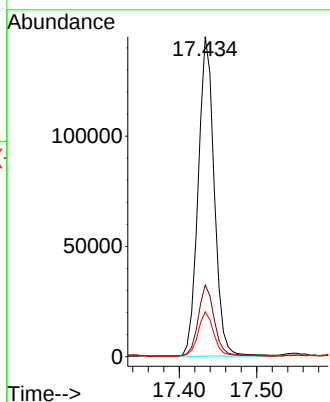
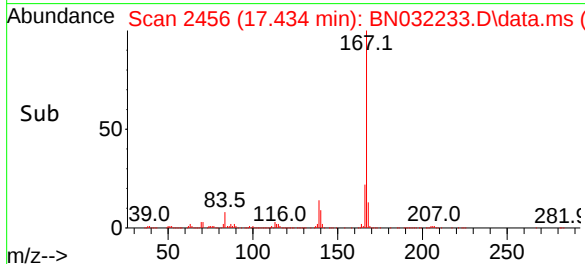
Instrument :
 BNA_N
 ClientSampleId :
 A4C64



Tgt Ion:167 Resp: 208207
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 14.0 10.5 15.7

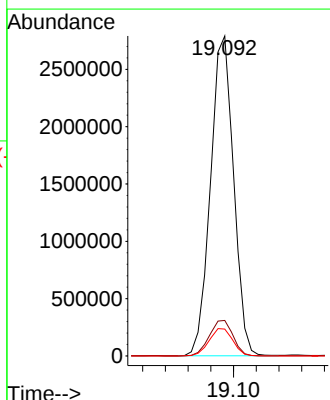
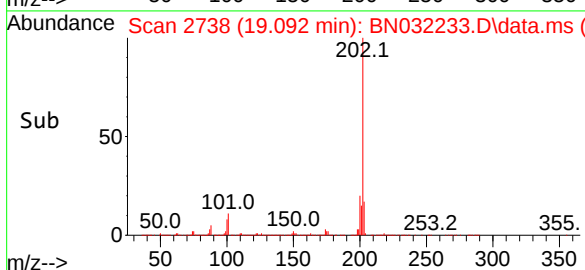
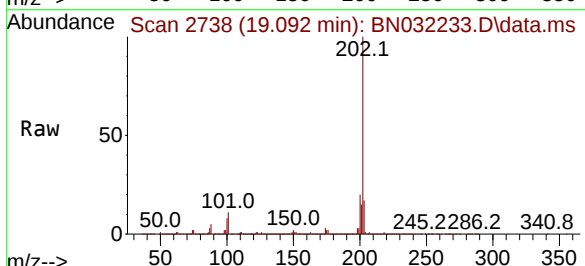
Manual Integrations
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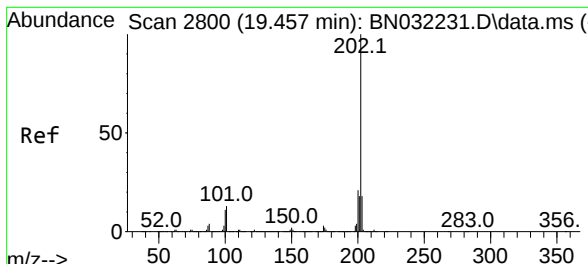
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024



#80
 Fluoranthene
 Concen: 46.256 ng/ul
 RT: 19.092 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN032233.D
 Acq: 25 Jun 2024 08:45

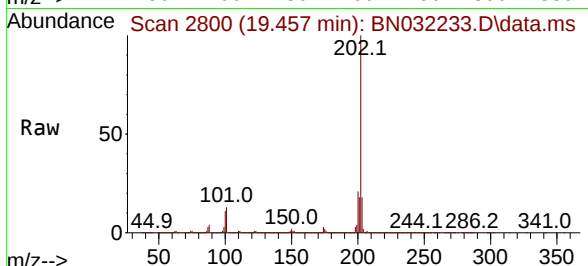
Tgt Ion:202 Resp: 3943589
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.3 15.5
 100 8.4 8.0 12.0





#82
 Pyrene
 Concen: 32.730 ng/ul
 RT: 19.457 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: BN032233.D
 Acq: 25 Jun 2024 08:45

Instrument : BNA_N
 ClientSampleId : A4C64

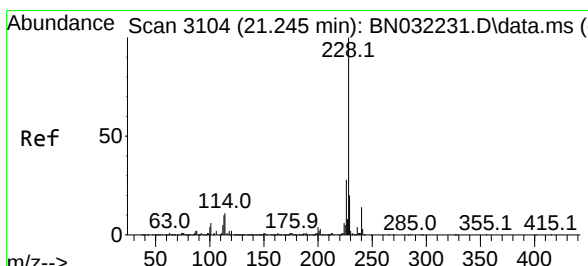
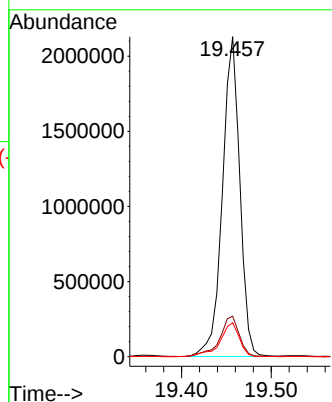
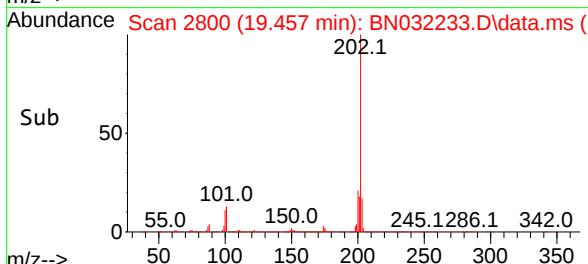


Tgt Ion: 202 Resp: 286297

Ion	Ratio	Lower	Upper
202	100		
101	12.6	12.6	18.8
100	10.6	10.2	15.2

Manual Integrations
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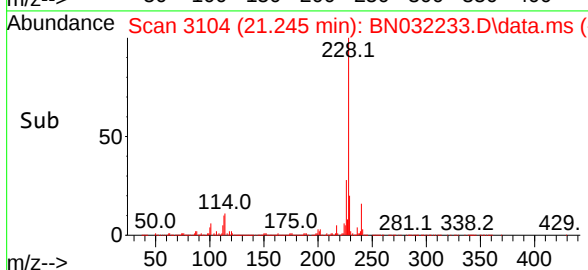
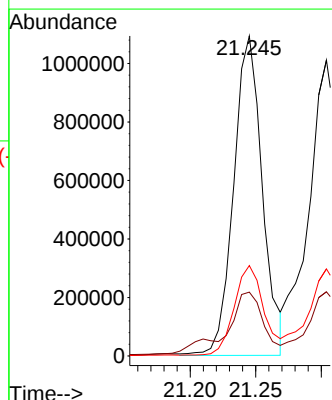
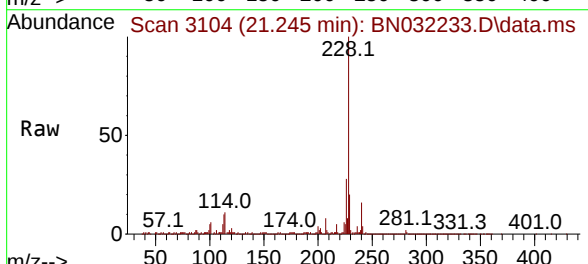
Reviewed By : Yogesh Patel 06/25/2024
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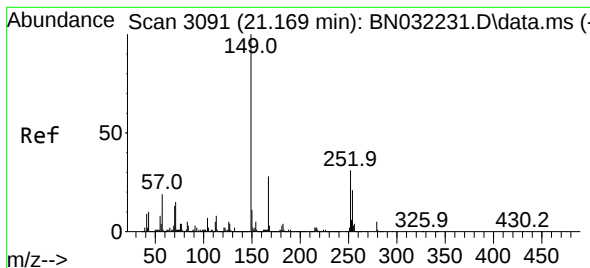


#85
 Benzo(a)anthracene
 Concen: 18.636 ng/ul
 RT: 21.245 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BN032233.D
 Acq: 25 Jun 2024 08:45

Tgt Ion: 228 Resp: 1662908

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.7	25.1
226	28.3	22.8	34.2





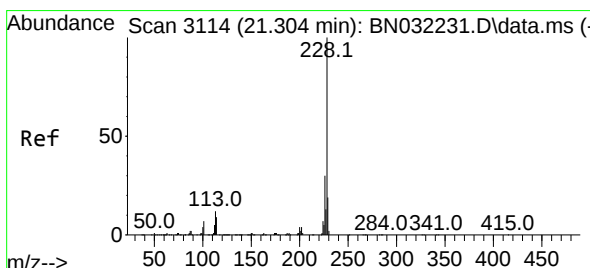
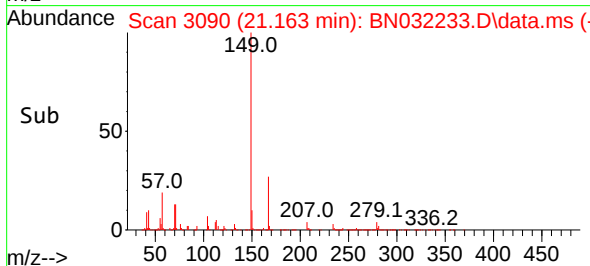
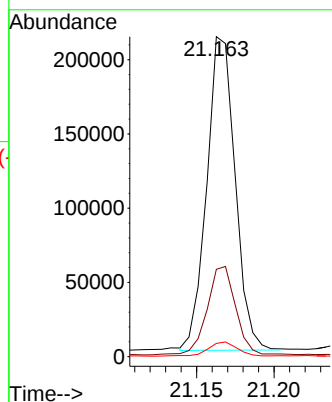
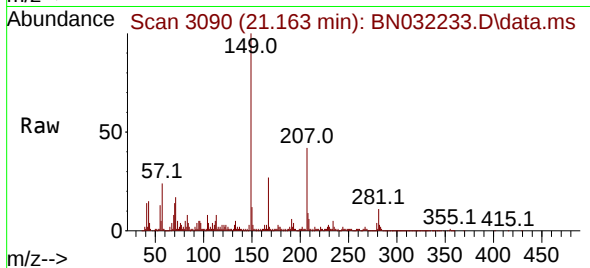
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.478 ng/ul
RT: 21.163 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

Instrument :
BNA_N
ClientSampleId :
A4C64

Tgt Ion:149 Resp: 269660
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.1 3.3 4.9

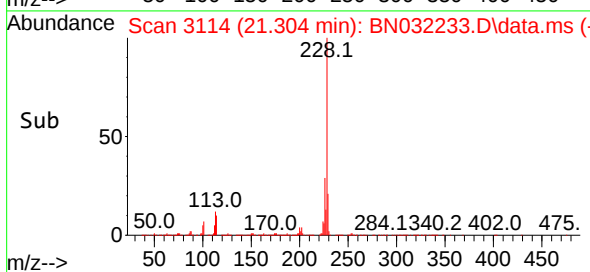
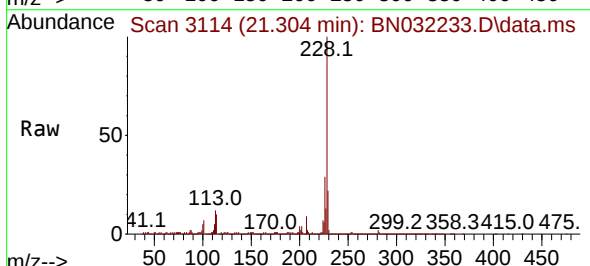
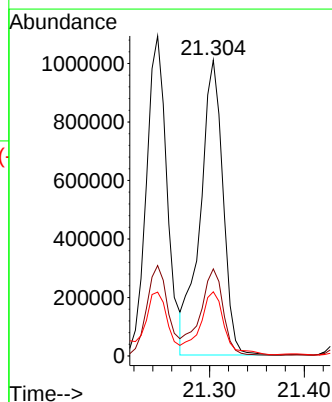
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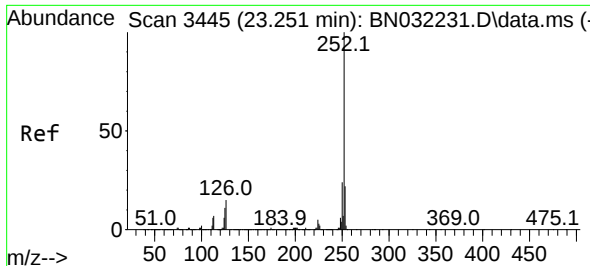
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#87
Chrysene
Concen: 20.151 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

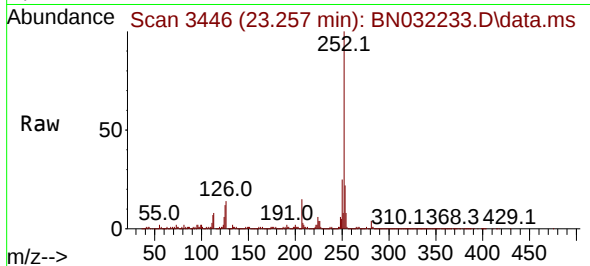
Tgt Ion:228 Resp: 1679553
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 21.7 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 22.226 ng/ul
RT: 23.257 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

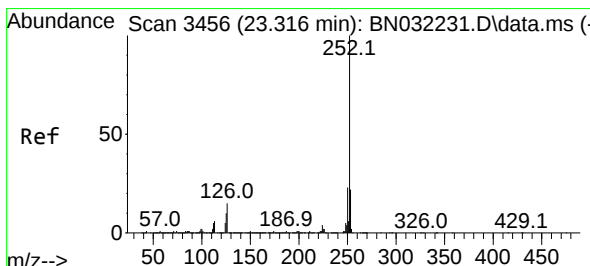
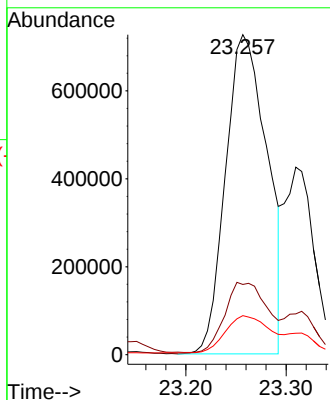
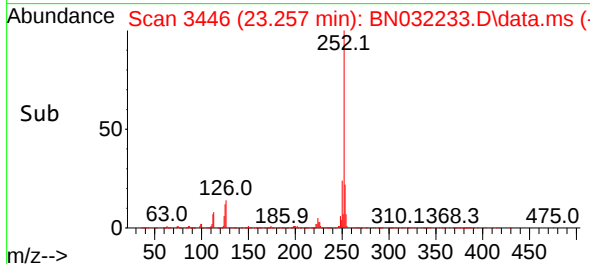
Instrument :
BNA_N
ClientSampleId :
A4C64



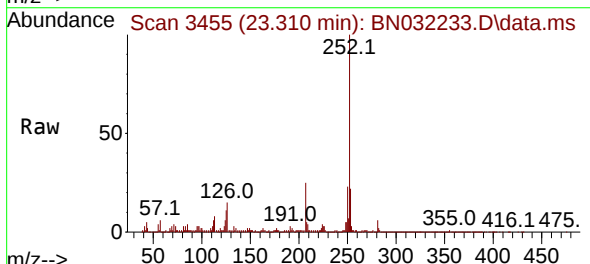
Tgt Ion:252 Resp: 208485
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.2 9.2 13.8

Manual Integrations
APPROVED

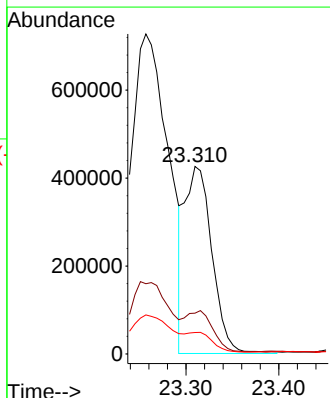
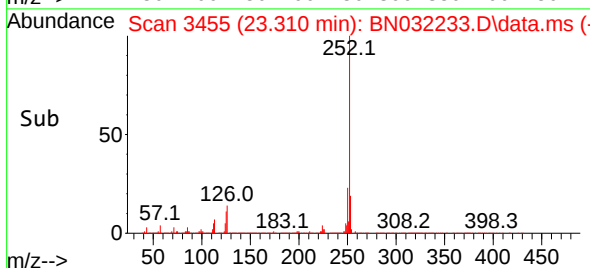
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

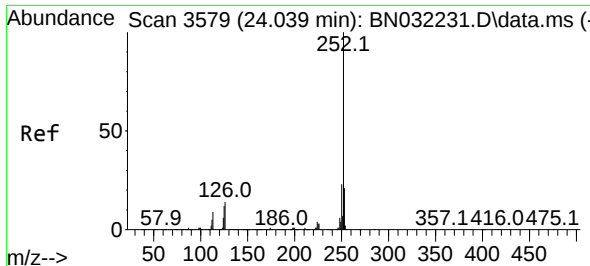


#91
Benzo(k)fluoranthene
Concen: 9.468 ng/ul m
RT: 23.310 min Scan# 3455
Delta R.T. -0.012 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45



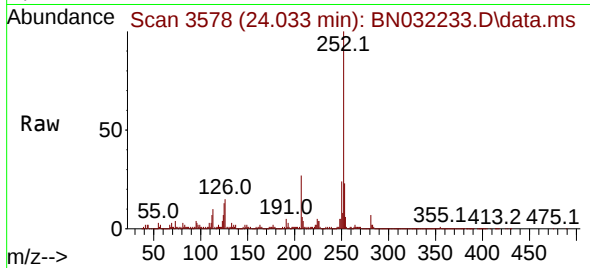
Tgt Ion:252 Resp: 871511
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.4 9.4 14.2





#93
Benzo(a)pyrene
Concen: 10.463 ng/u1
RT: 24.033 min Scan# 3579
Delta R.T. -0.006 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45

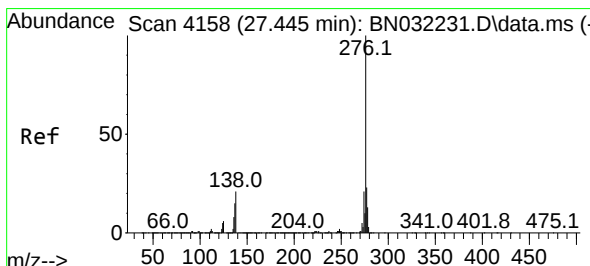
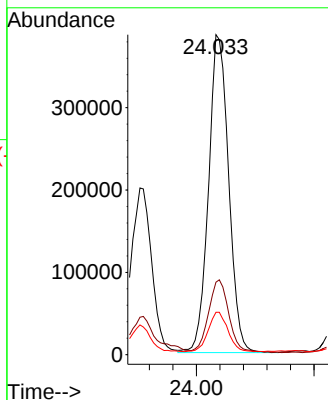
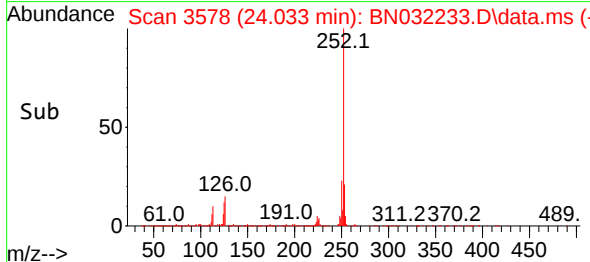
Instrument :
BNA_N
ClientSampleId :
A4C64



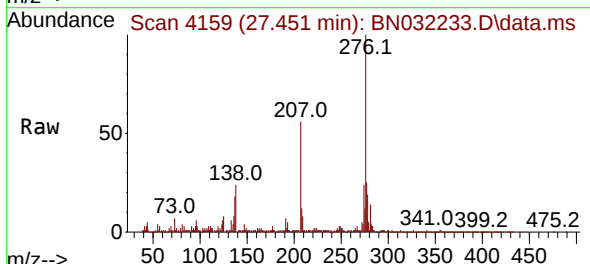
Tgt Ion:252 Resp: 919209
Ion Ratio Lower Upper
252 100
253 22.7 16.6 24.8
125 13.3 9.8 14.8

Manual Integrations
APPROVED

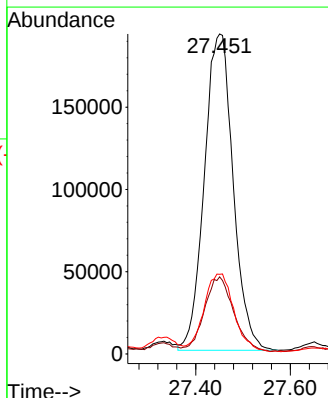
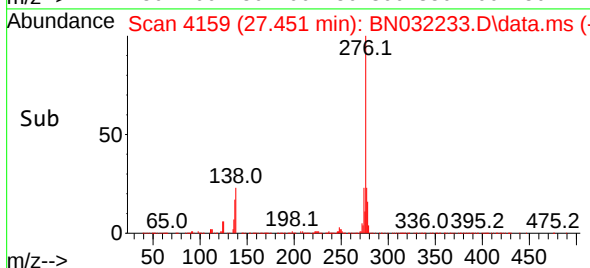
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

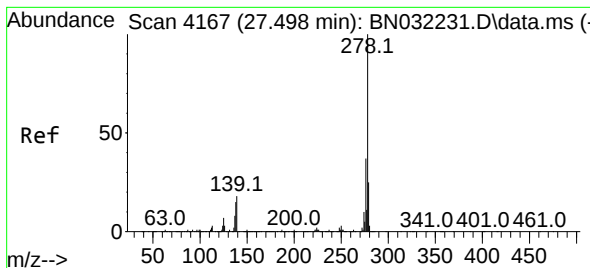


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.020 ng/u1
RT: 27.451 min Scan# 4159
Delta R.T. 0.006 min
Lab File: BN032233.D
Acq: 25 Jun 2024 08:45



Tgt Ion:276 Resp: 811916
Ion Ratio Lower Upper
276 100
138 24.1 18.1 27.1
277 24.9 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.150 ng/ul

RT: 27.480 min Scan# 4167

Delta R.T. -0.023 min

Lab File: BN032233.D

Acq: 25 Jun 2024 08:45

Instrument :

BNA_N

ClientSampleId :

A4C64

Tgt Ion:278 Resp: 260320

Ion Ratio Lower Upper

278 100

139 18.8 15.0 22.6

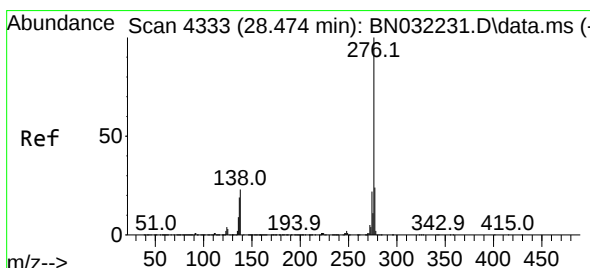
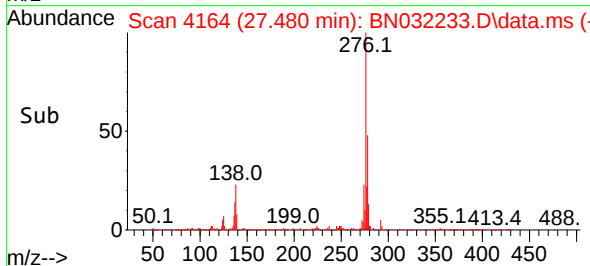
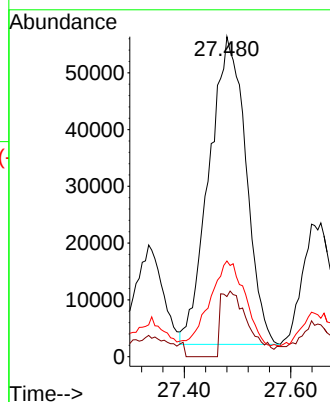
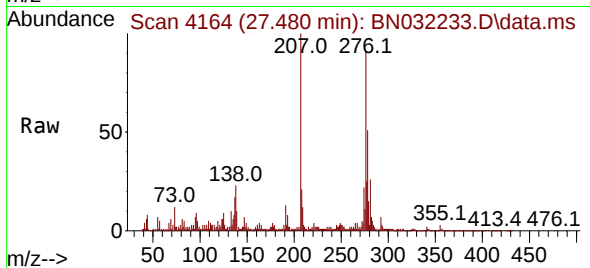
279 29.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :Jagrut Upadhyay 06/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.456 ng/ul m

RT: 28.468 min Scan# 4332

Delta R.T. 0.000 min

Lab File: BN032233.D

Acq: 25 Jun 2024 08:45

Tgt Ion:276 Resp: 117146

Ion Ratio Lower Upper

276 100

138 28.1 20.9 31.3

277 27.5 18.0 27.0

