

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032218.D
 Acq On : 24 Jun 2024 22:17
 Operator : MA/JU
 Sample : P2775-24DL2 30X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D56DL2

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:25:43 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	7.628	152	280342	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1053882	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	611824	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1247188	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1168517	20.000	ng/u1	-0.01
88) Perylene-d12	24.174	264	1421248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	1036	0.153	ng/uL	0.00
4) Pyridine-d5	3.599	84	9954m	0.522	ng/u1	0.03
7) Phenol-d5	6.816	99	17376m	0.723	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	10906	0.776	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	15155	0.826	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	13332	0.681	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	7355m	0.913	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	6611m	0.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	11163	0.718	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	14269m	0.618	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	42822	1.005	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	46151	0.942	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.269	176	38434	1.066	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.122	188	63345	1.186	ng/u1	0.00
81) Pyrene-d10	19.428	212	64048	1.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	50310	0.741	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.457	128	317204	5.816	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	110903	2.975	ng/u1	98
37) 1-Methylnaphthalene	12.299	142	73511	1.965	ng/u1	98
52) Acenaphthene	14.334	153	370389	10.106	ng/u1	100
56) Dibenzofuran	14.675	168	373117	7.494	ng/u1	100
61) Fluorene	15.328	166	435758	10.868	ng/u1	98
72) Phenanthrene	17.069	178	4053296	63.798	ng/u1	99
74) Anthracene	17.157	178	1159894	18.017	ng/u1	99
77) Carbazole	17.434	167	442191	8.055	ng/u1	99
80) Fluoranthene	19.092	202	3941311	52.741	ng/u1	97
82) Pyrene	19.457	202	2801599	36.540	ng/u1#	93
85) Benzo(a)anthracene	21.239	228	1826225	23.349	ng/u1	99
87) Chrysene	21.304	228	1549302	21.207	ng/u1	96
90) Benzo(b)fluoranthene	23.257	252	1712307	20.156	ng/u1	97
91) Benzo(k)fluoranthene	23.304	252	815363m	9.781	ng/u1	
93) Benzo(a)pyrene	24.033	252	776743	9.762	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.445	276	562372	6.134	ng/u1	98
95) Dibenzo(a,h)anthracene	27.474	278	211783	2.829	ng/u1#	90

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

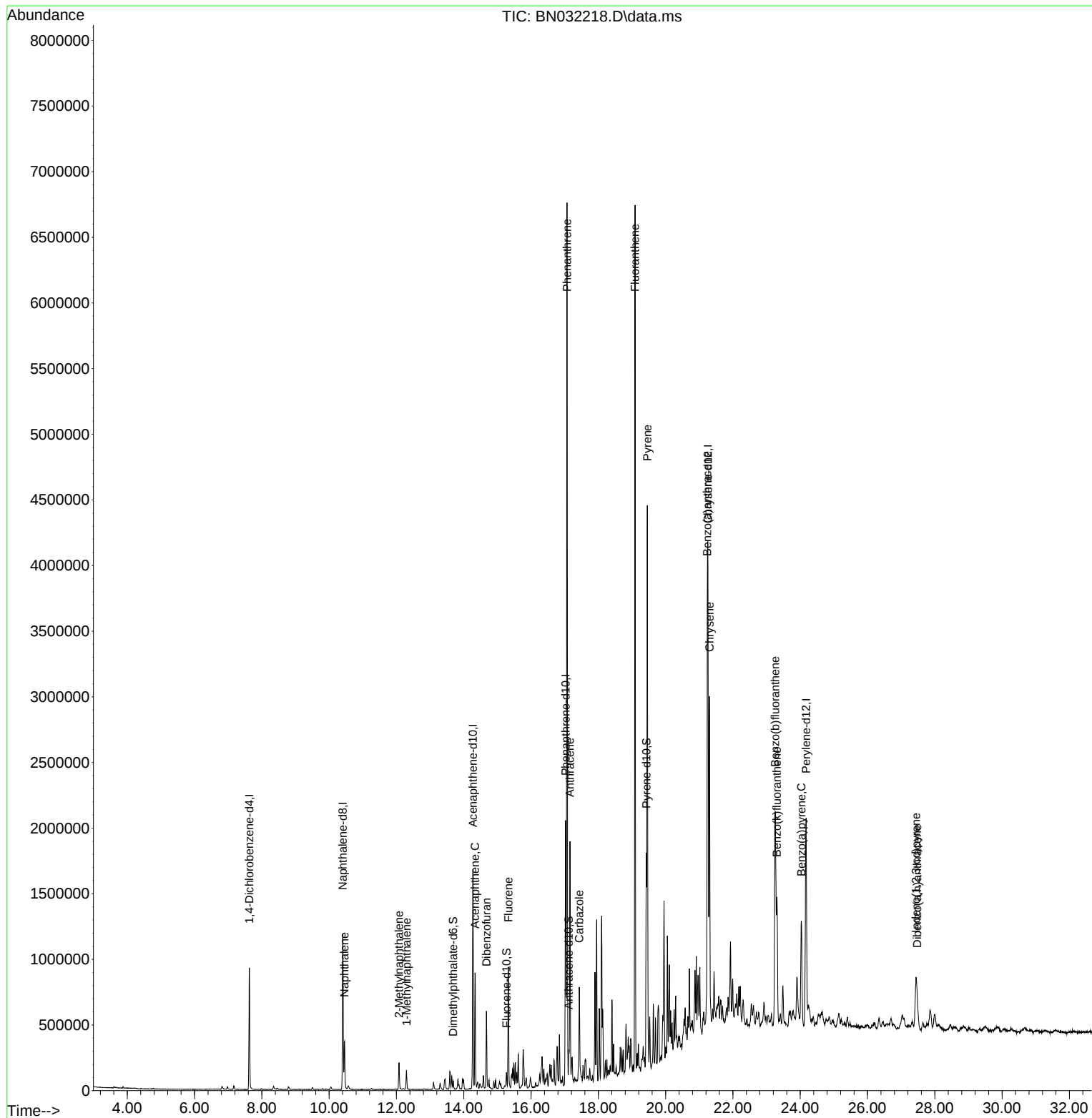
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032218.D
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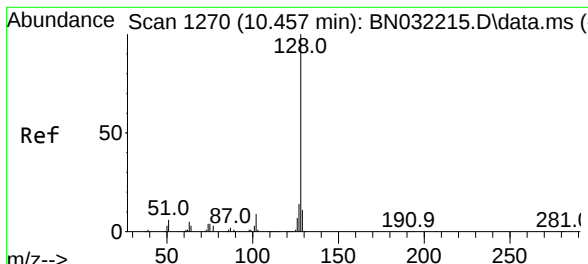
Instrument :
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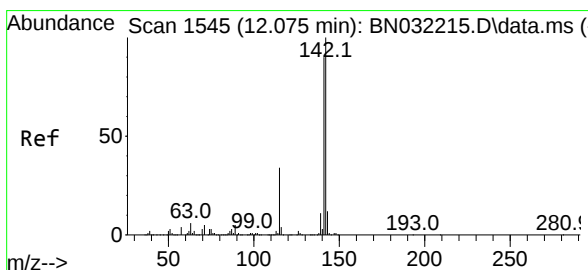
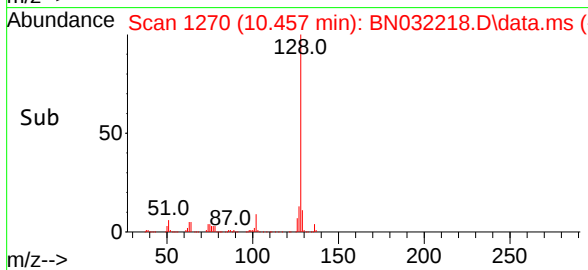
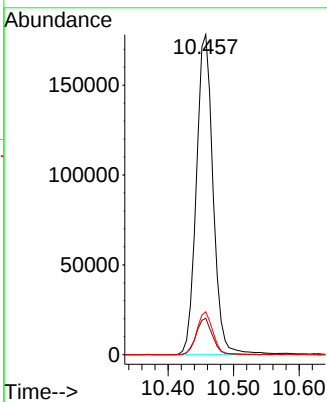
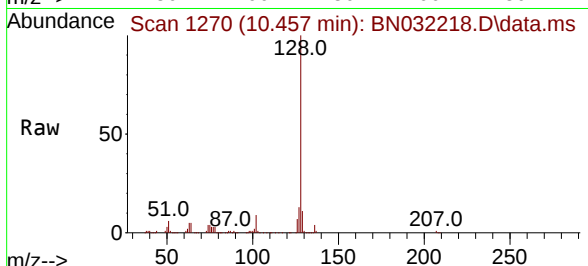
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Naphthalene
Concen: 5.816 ng/ul
RT: 10.457 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17

Instrument : BNA_N
ClientSampleId : A4D56DL2

Tgt Ion:	128	Resp:	317204
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.5	12.7
127	13.4	10.3	15.5

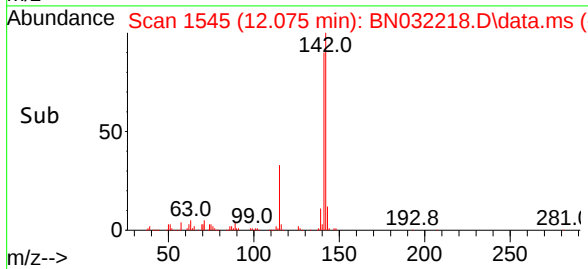
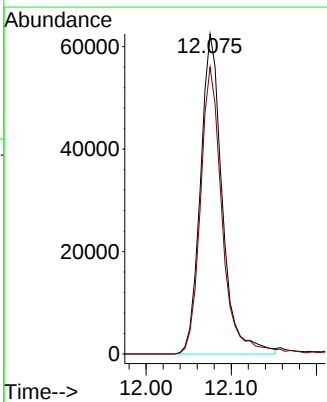
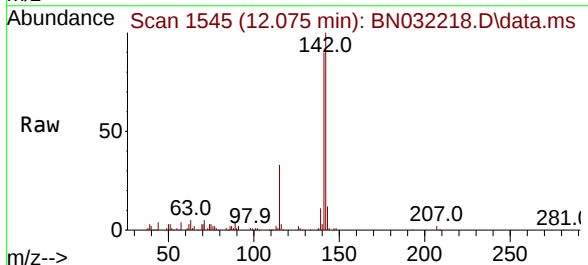
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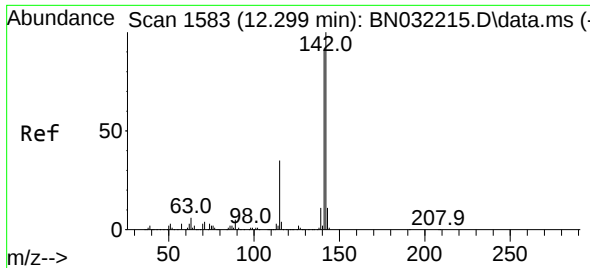
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#36
2-Methylnaphthalene
Concen: 2.975 ng/ul
RT: 12.075 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17

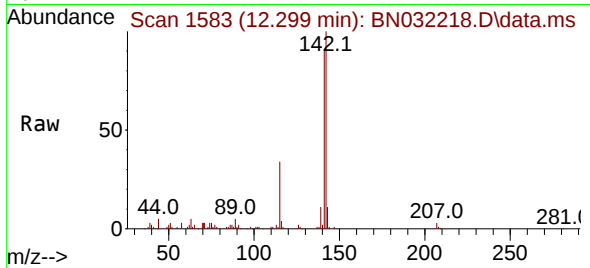
Tgt Ion:	142	Resp:	110903
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.1	105.1





#37
1-Methylnaphthalene
Concen: 1.965 ng/ul
RT: 12.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17

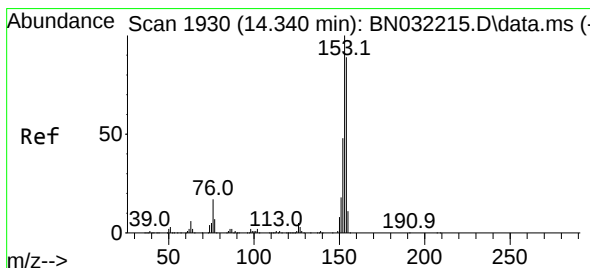
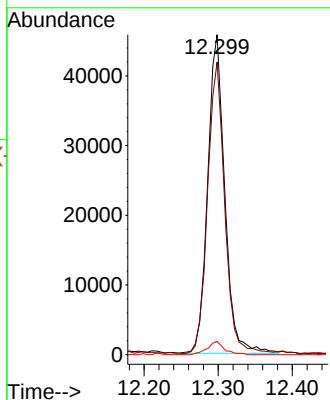
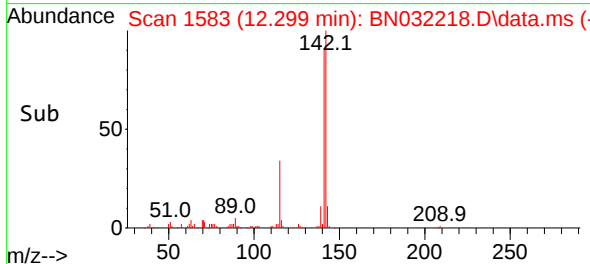
Instrument :
BNA_N
ClientSampleId :
A4D56DL2



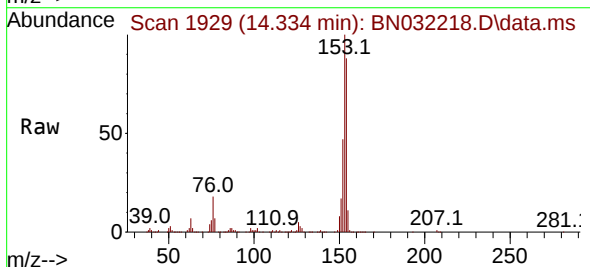
Tgt Ion:142 Resp: 7351
Ion Ratio Lower Upper
142 100
141 91.5 71.7 107.5
116 4.1 3.0 4.4

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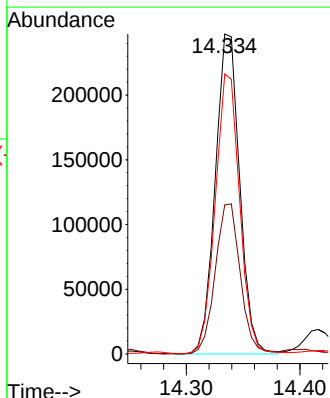
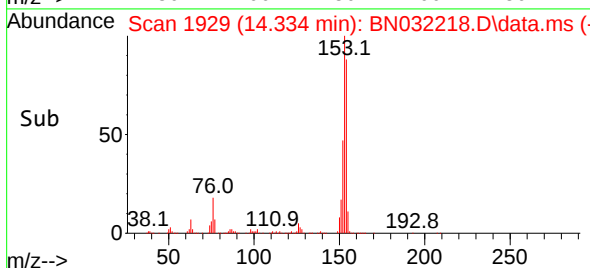
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

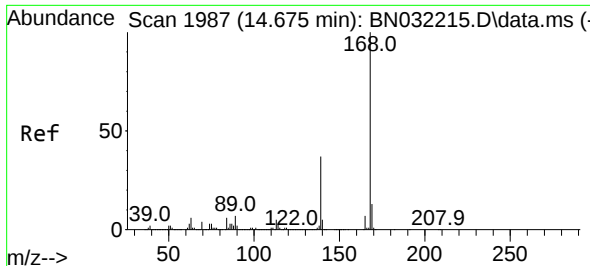


#52
Acenaphthene
Concen: 10.106 ng/ul
RT: 14.334 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17



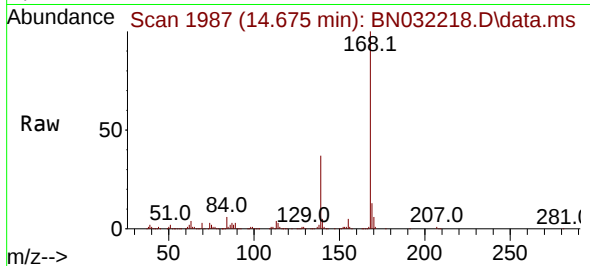
Tgt Ion:153 Resp: 370389
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 87.5 69.8 104.8





#56
Dibenzenofuran
Concen: 7.494 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17

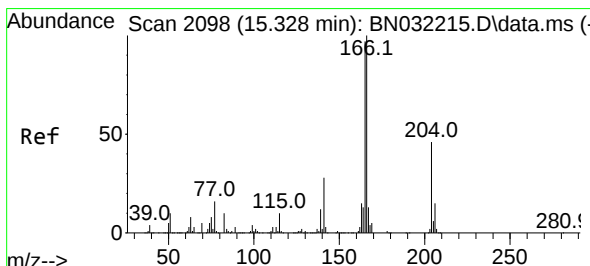
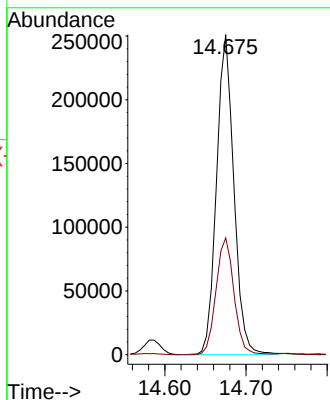
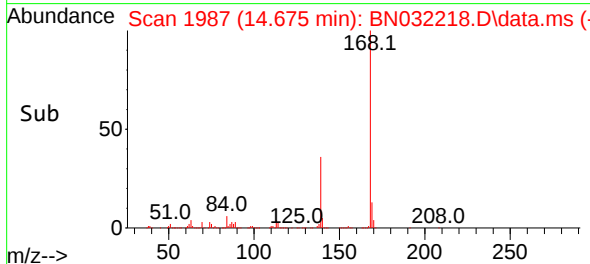
Instrument :
BNA_N
ClientSampleId :
A4D56DL2



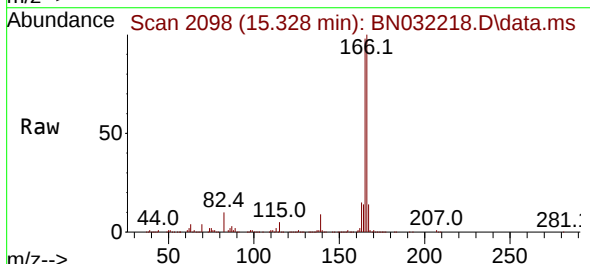
Tgt Ion:168 Resp: 373117
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0

Manual Integrations
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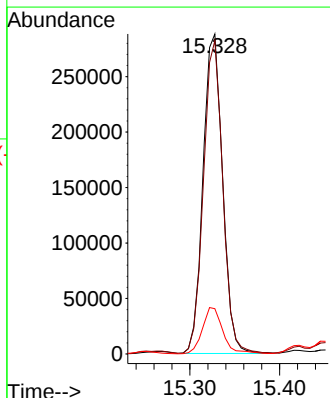
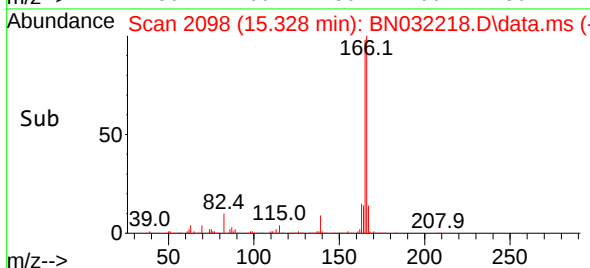
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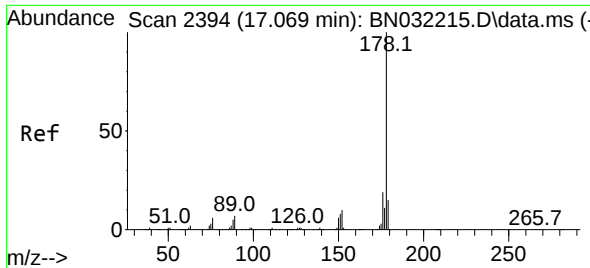


#61
Fluorene
Concen: 10.868 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17



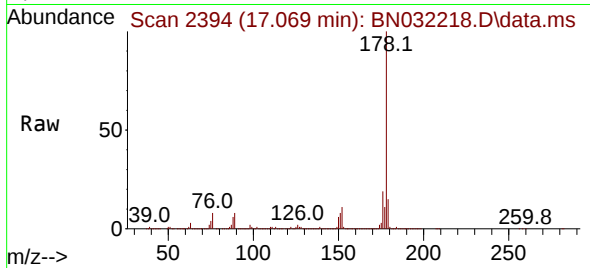
Tgt Ion:166 Resp: 435758
Ion Ratio Lower Upper
166 100
165 97.9 80.3 120.5
167 14.2 11.3 16.9





#72
Phenanthrene
Concen: 63.798 ng/ul
RT: 17.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17

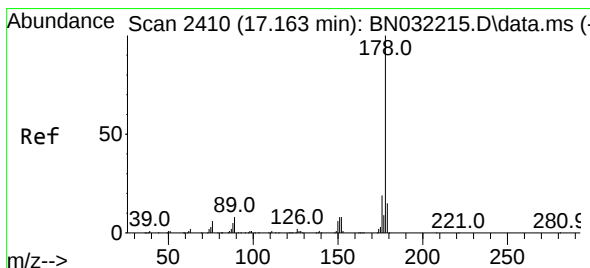
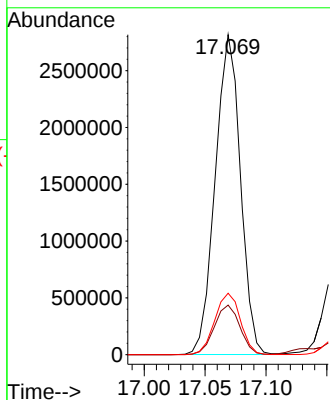
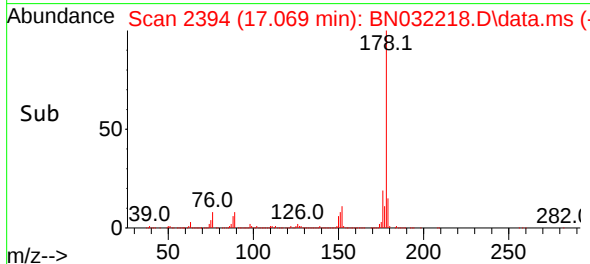
Instrument :
BNA_N
ClientSampleId :
A4D56DL2



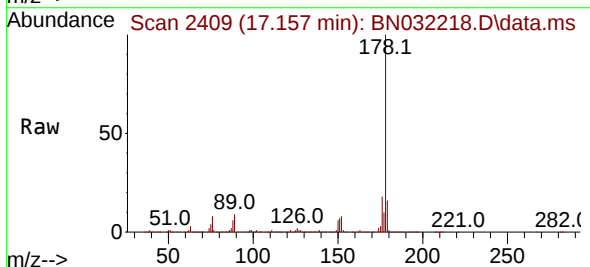
Tgt Ion:178 Resp: 4053290
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.8 23.6

Manual Integrations
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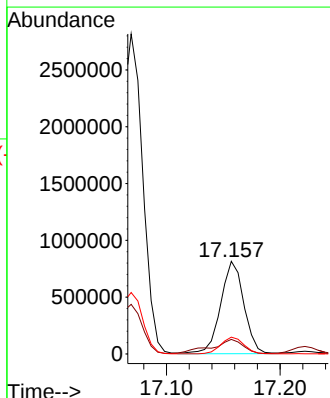
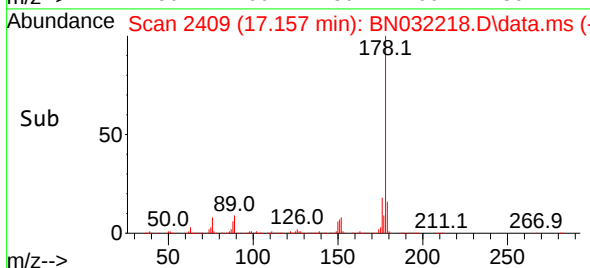
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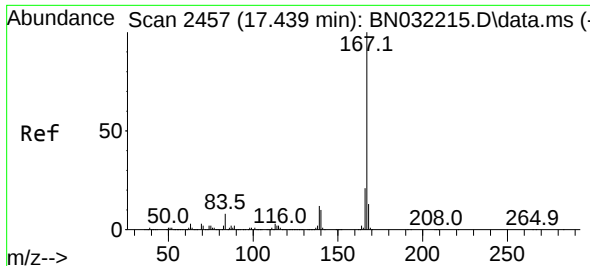


#74
Anthracene
Concen: 18.017 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17



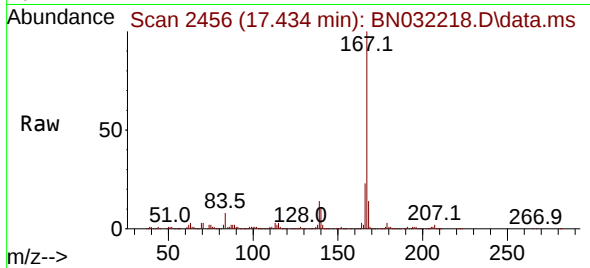
Tgt Ion:178 Resp: 1159894
Ion Ratio Lower Upper
178 100
179 15.7 11.8 17.6
176 18.2 14.8 22.2





#77
 Carbazole
 Concen: 8.055 ng/ul
 RT: 17.434 min Scan# 2457
 Delta R.T. -0.006 min
 Lab File: BN032218.D
 Acq: 24 Jun 2024 22:17

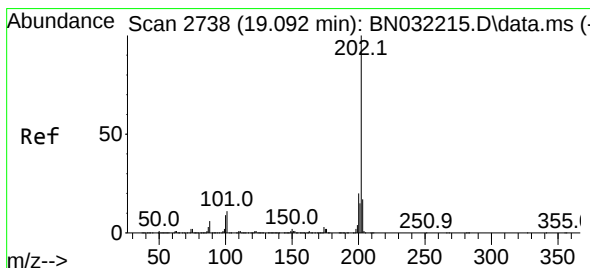
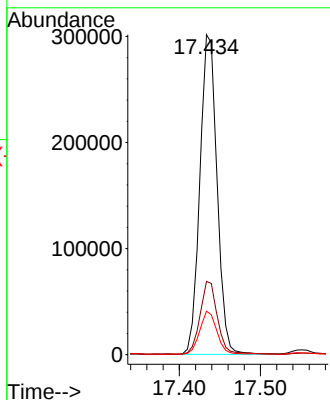
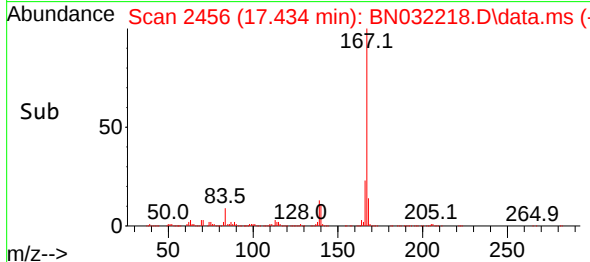
Instrument :
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Tgt Ion:167 Resp: 442191
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 13.6 10.5 15.7

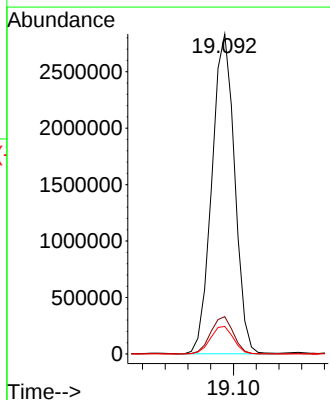
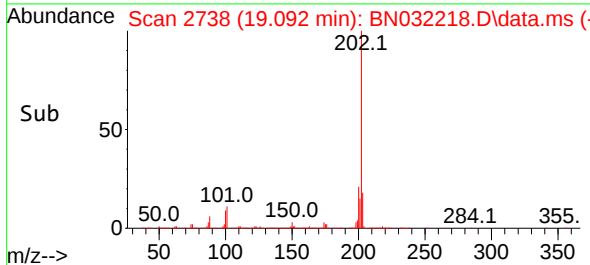
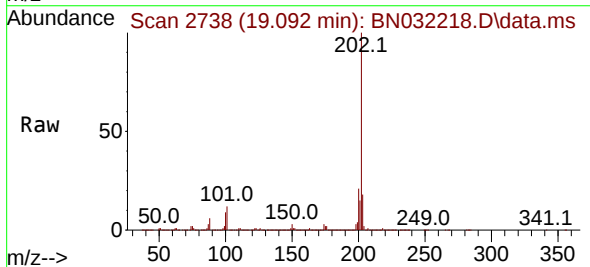
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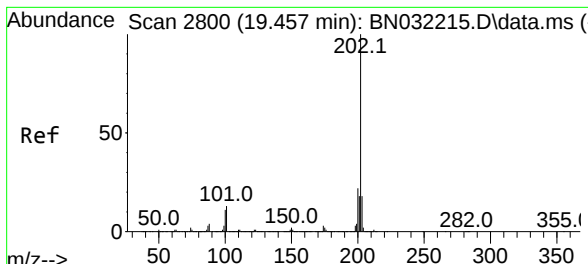
Reviewed By :Yogesh Patel 06/25/2024
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#80
 Fluoranthene
 Concen: 52.741 ng/ul
 RT: 19.092 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN032218.D
 Acq: 24 Jun 2024 22:17

Tgt Ion:202 Resp: 3941311
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.3 15.5
 100 8.6 8.0 12.0





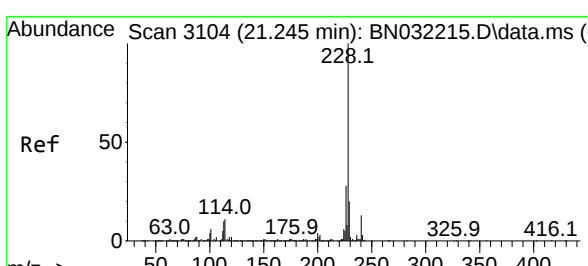
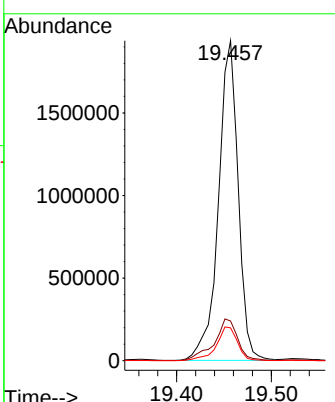
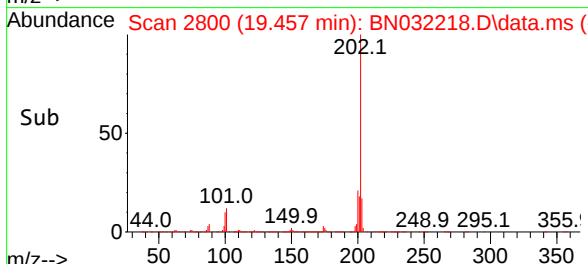
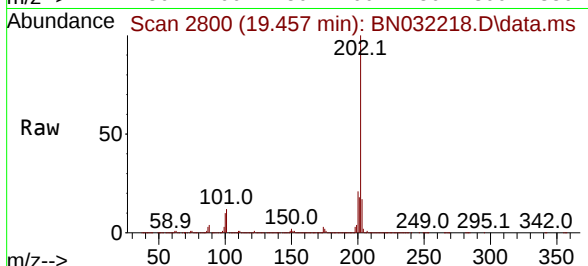
#82
 Pyrene
 Concen: 36.540 ng/ul
 RT: 19.457 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: BN032218.D
 Acq: 24 Jun 2024 22:17

Instrument : BNA_N
 ClientSampleId : A4D56DL2

Tgt Ion:202 Resp: 2801599

Ion	Ratio	Lower	Upper
202	100		
101	12.4	12.6	18.8
100	10.2	10.2	15.2

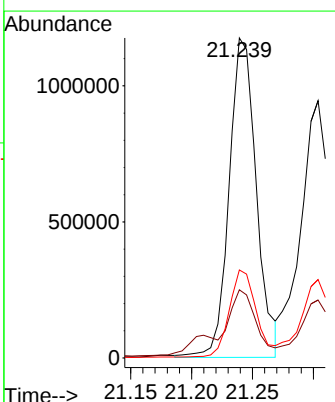
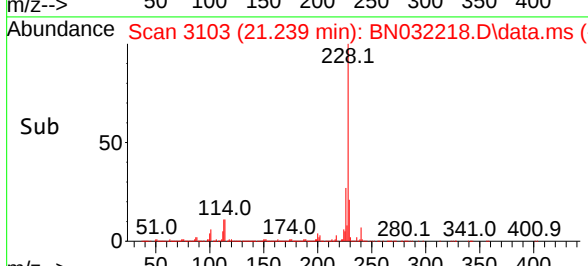
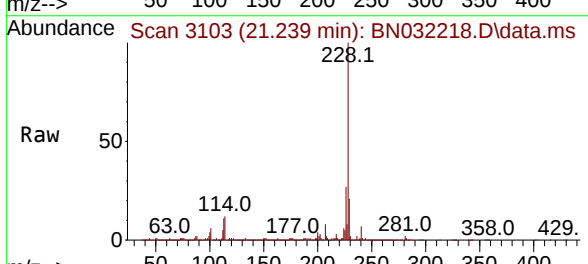
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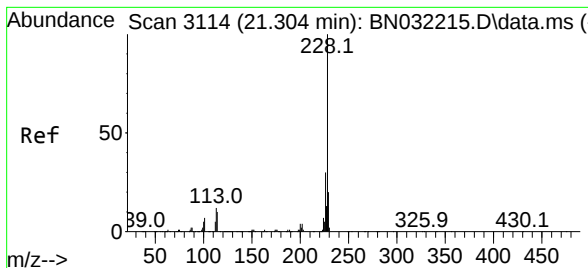


#85
 Benzo(a)anthracene
 Concen: 23.349 ng/ul
 RT: 21.239 min Scan# 3103
 Delta R.T. -0.012 min
 Lab File: BN032218.D
 Acq: 24 Jun 2024 22:17

Tgt Ion:228 Resp: 1826225

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.7	25.1
226	27.5	22.8	34.2





#87

Chrysene

Concen: 21.207 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BN032218.D

Acq: 24 Jun 2024 22:17

Instrument :

BNA_N

ClientSampleId :

A4D56DL2

Tgt Ion:228 Resp: 1549302

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

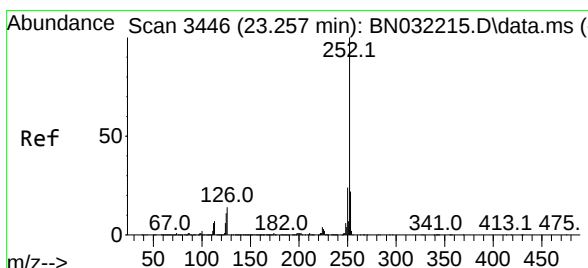
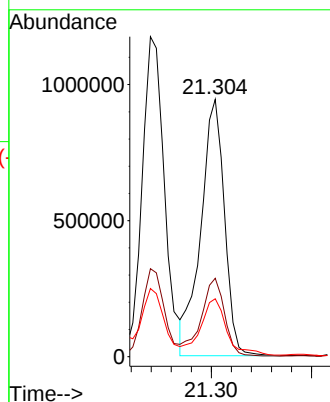
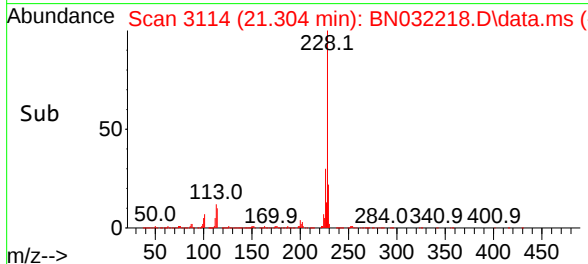
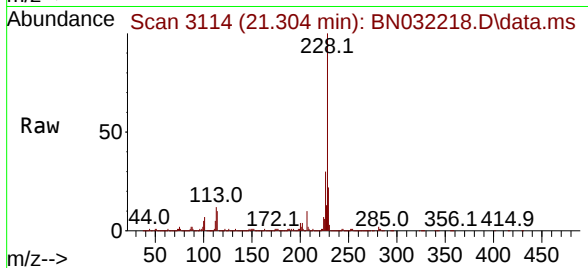
229 22.5 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :Jagrut Upadhyay 06/25/2024



#90

Benzo(b)fluoranthene

Concen: 20.156 ng/ul

RT: 23.257 min Scan# 3446

Delta R.T. -0.006 min

Lab File: BN032218.D

Acq: 24 Jun 2024 22:17

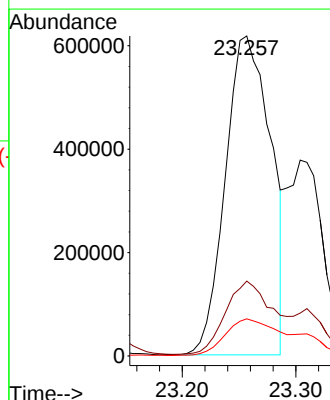
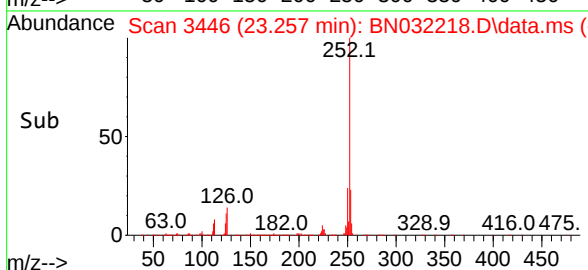
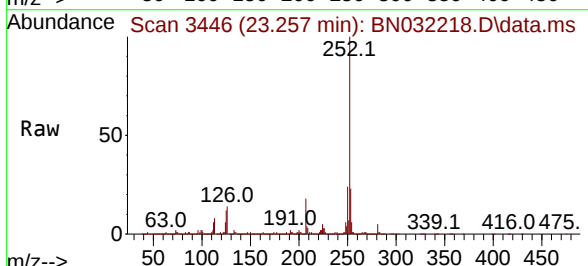
Tgt Ion:252 Resp: 1712307

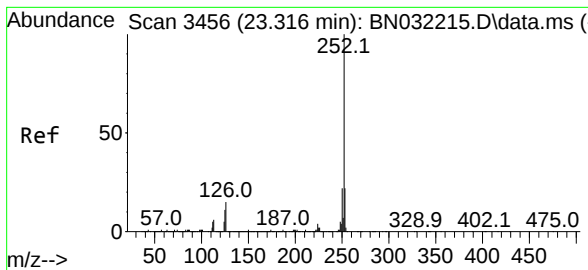
Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

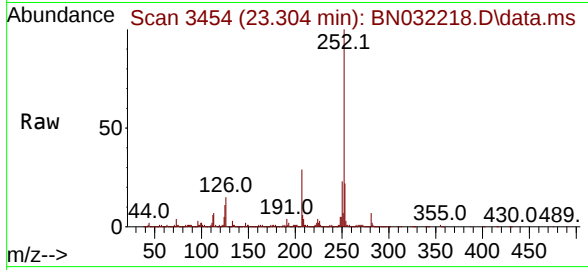
125 11.6 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 9.781 ng/ul m
RT: 23.304 min Scan# 3456
Delta R.T. -0.017 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17

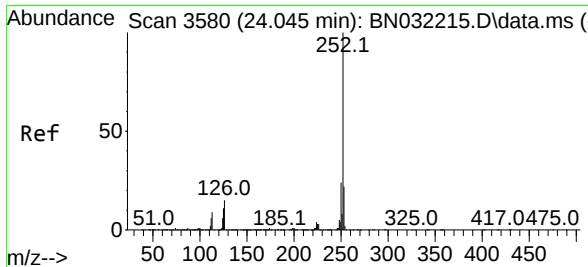
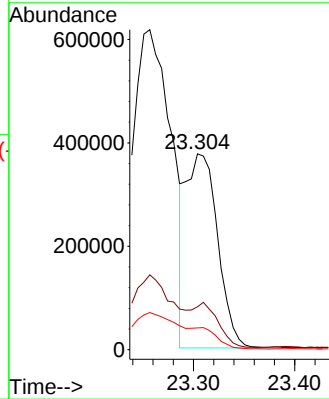
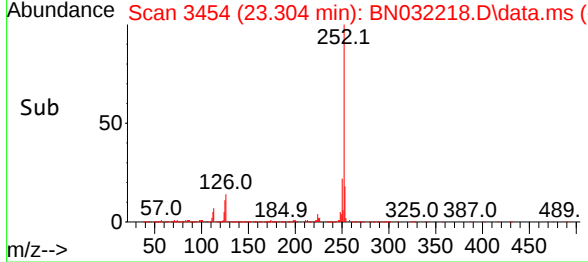
Instrument :
BNA_N
ClientSampleId :
A4D56DL2



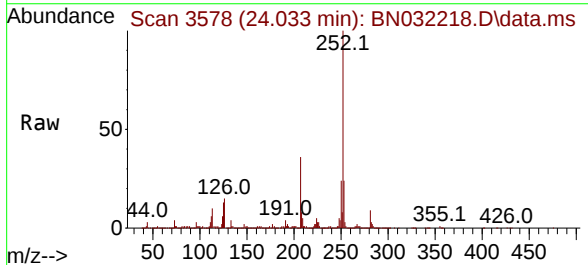
Tgt Ion:252 Resp: 81536
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.1 9.4 14.2

Manual Integrations
APPROVED

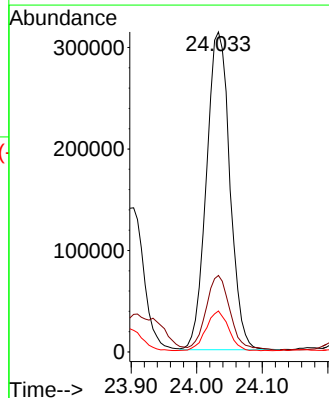
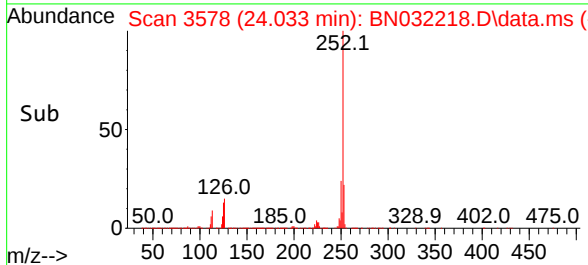
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

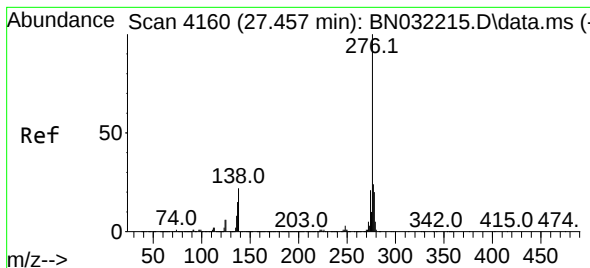


#93
Benzo(a)pyrene
Concen: 9.762 ng/ul
RT: 24.033 min Scan# 3578
Delta R.T. -0.006 min
Lab File: BN032218.D
Acq: 24 Jun 2024 22:17



Tgt Ion:252 Resp: 776743
Ion Ratio Lower Upper
252 100
253 23.9 16.6 24.8
125 12.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.134 ng/ul

RT: 27.445 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN032218.D

Acq: 24 Jun 2024 22:17

Instrument :

BNA_N

ClientSampleId :

A4D56DL2

Tgt Ion:276 Resp: 562372

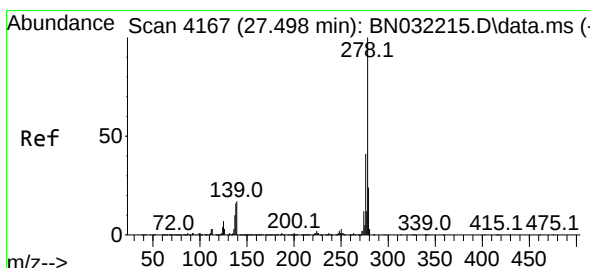
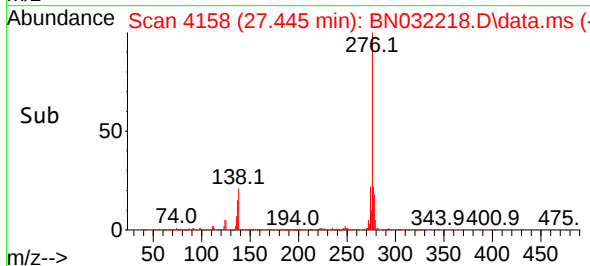
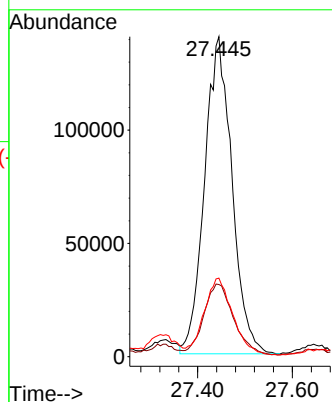
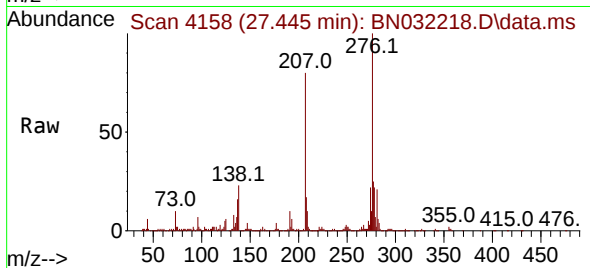
Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.1	27.1
277	24.6	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :Jagrut Upadhyay 06/25/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.829 ng/ul

RT: 27.474 min Scan# 4163

Delta R.T. -0.029 min

Lab File: BN032218.D

Acq: 24 Jun 2024 22:17

Tgt Ion:278 Resp: 211783

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.0	22.6
279	29.6	17.4	26.0

