

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032221.D
 Acq On : 25 Jun 2024 00:15
 Operator : MA/JU
 Sample : P2775-21DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D58DL

Manual Integrations
 APPROVED

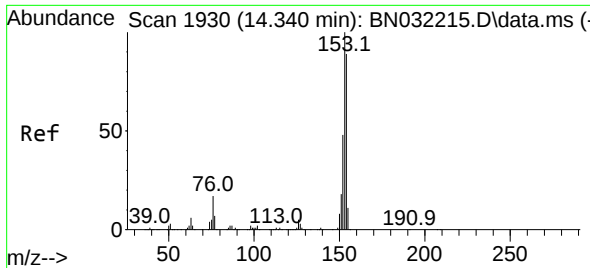
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024

Quant Time: Jun 25 01:17:20 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)

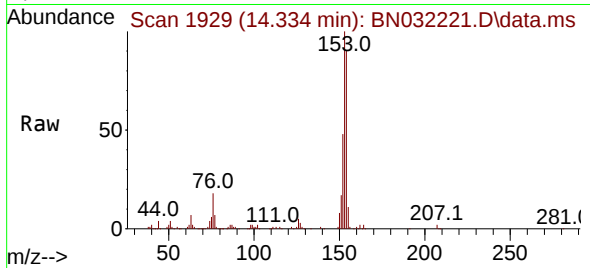
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	273742	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	1030221	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	614901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1286328	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.257	240	1199022	20.000	ng/u1	-0.01
88) Perylene-d12	24.174	264	1462476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	5401	0.816	ng/uL	0.00
4) Pyridine-d5	3.599	84	11060m	0.594	ng/u1	0.03
7) Phenol-d5	6.816	99	91902	3.916	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	48583	3.539	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	78207	4.368	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	71389	3.732	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	35622	4.522	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	35596	4.375	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	63155	4.157	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	73541	3.261	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	223216	5.211	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	245783	4.990	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	26333	3.070	ng/u1	0.02
60) Fluorene-d10	15.269	176	202443	5.585	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	14455	2.236	ng/u1	0.00
73) Anthracene-d10	17.122	188	309358	5.617	ng/u1	0.00
81) Pyrene-d10	19.428	212	326923	5.095	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	253775	3.634	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.334	153	98848	2.684	ng/u1	97
56) Dibenzofuran	14.675	168	110607	2.210	ng/u1	97
61) Fluorene	15.328	166	132897	3.298	ng/u1	97
72) Phenanthrene	17.069	178	2208761	33.708	ng/u1	99
74) Anthracene	17.157	178	624632	9.408	ng/u1	98
77) Carbazole	17.439	167	164910	2.913	ng/u1	99
80) Fluoranthene	19.092	202	3063527	39.952	ng/u1	96
82) Pyrene	19.457	202	2239594	28.467	ng/u1	95
85) Benzo(a)anthracene	21.245	228	1470679	18.325	ng/u1	98
87) Chrysene	21.304	228	1277167	17.037	ng/u1	97
90) Benzo(b)fluoranthene	23.251	252	1462351	16.729	ng/u1	96
91) Benzo(k)fluoranthene	23.310	252	583084m	6.798	ng/u1	
93) Benzo(a)pyrene	24.033	252	686188	8.381	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.433	276	513393	5.442	ng/u1	96
95) Dibenzo(a,h)anthracene	27.474	278	175844m	2.283	ng/u1	

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



#52
Acenaphthene
Concen: 2.684 ng/ul
RT: 14.334 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15

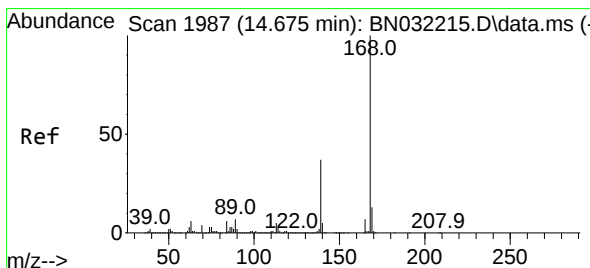
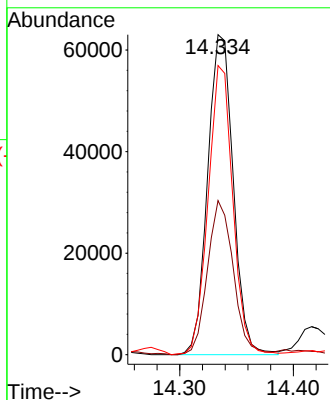
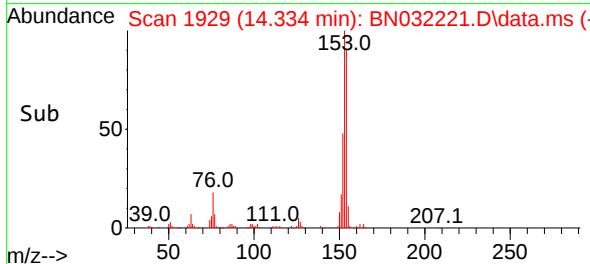
Instrument :
BNA_N
ClientSampleId :
A4D58DL



Tgt Ion:153 Resp: 98848
Ion Ratio Lower Upper
153 100
152 48.1 37.8 56.6
154 90.3 69.8 104.8

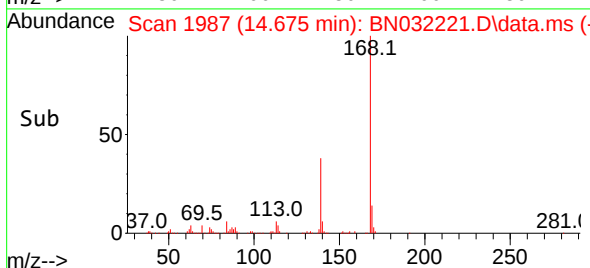
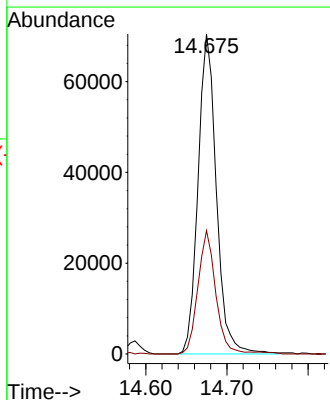
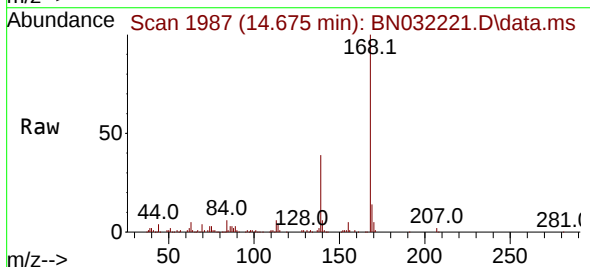
Manual Integrations
APPROVED

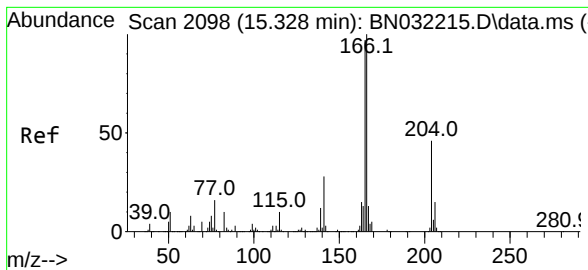
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#56
Dibenzofuran
Concen: 2.210 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15

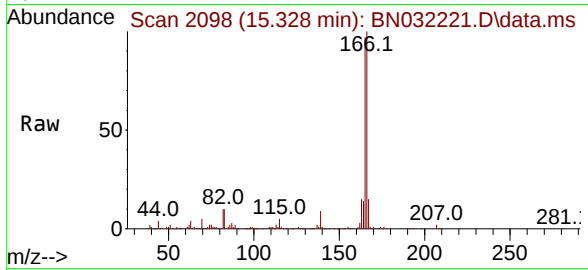
Tgt Ion:168 Resp: 110607
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0





#61
Fluorene
Concen: 3.298 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15

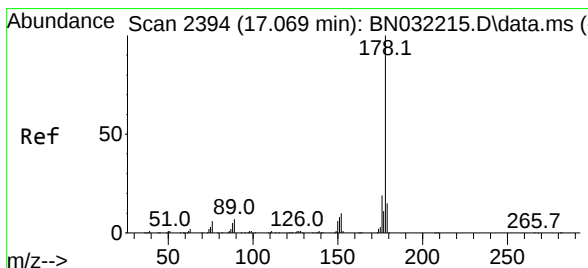
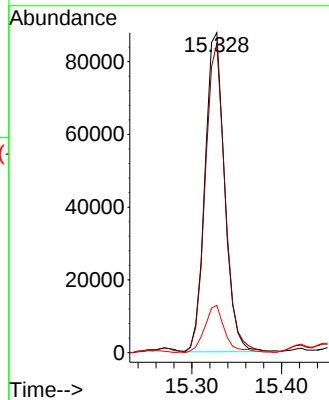
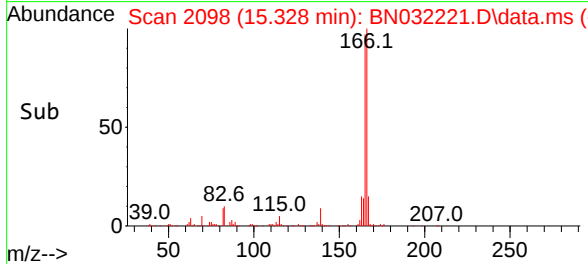
Instrument :
BNA_N
ClientSampleId :
A4D58DL



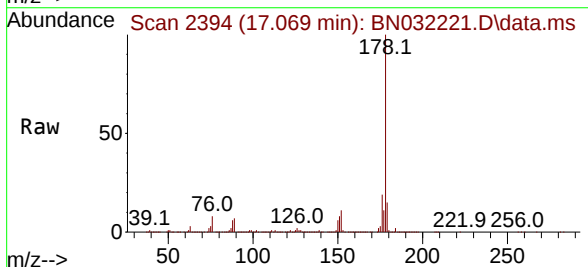
Tgt Ion:166 Resp: 132897
Ion Ratio Lower Upper
166 100
165 96.6 80.3 120.5
167 14.8 11.3 16.9

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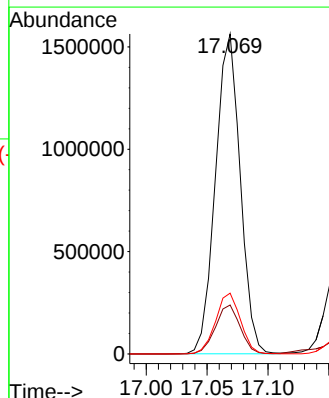
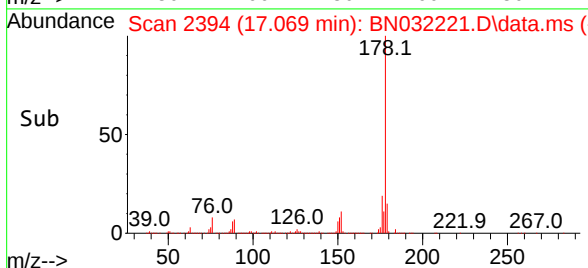
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

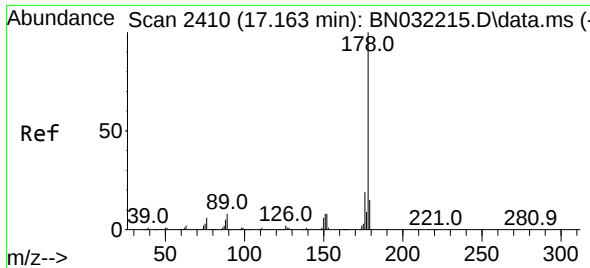


#72
Phenanthrene
Concen: 33.708 ng/ul
RT: 17.069 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15



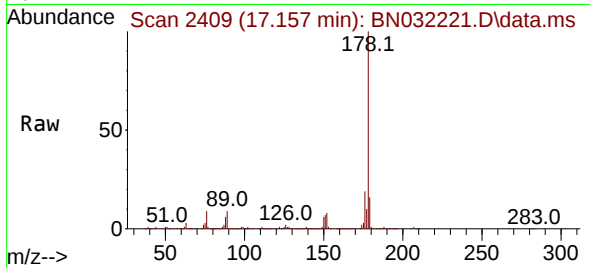
Tgt Ion:178 Resp: 2208761
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.0 15.8 23.6





#74
 Anthracene
 Concen: 9.408 ng/ul
 RT: 17.157 min Scan# 2410
 Delta R.T. -0.006 min
 Lab File: BN032221.D
 Acq: 25 Jun 2024 00:15

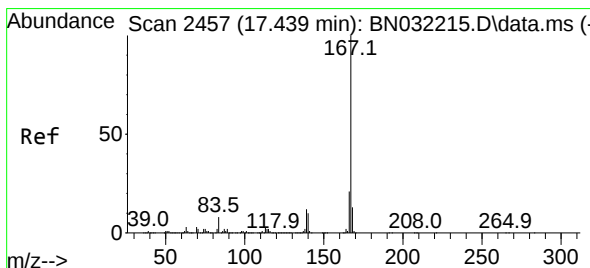
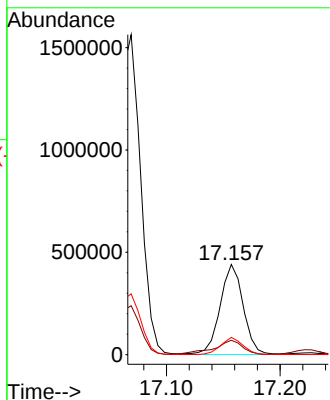
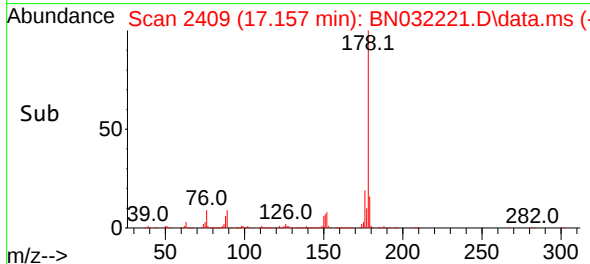
Instrument :
 BNA_N
 ClientSampleId :
 A4D58DL



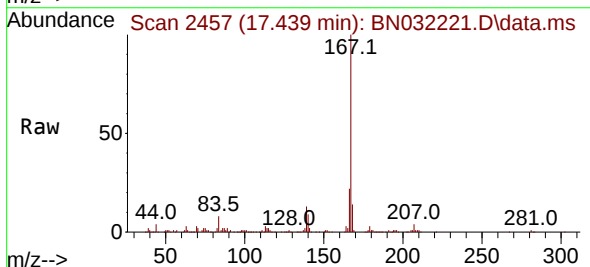
Tgt Ion:178 Resp: 624632
 Ion Ratio Lower Upper
 178 100
 179 15.9 11.8 17.6
 176 19.1 14.8 22.2

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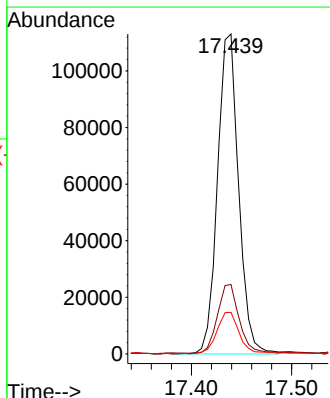
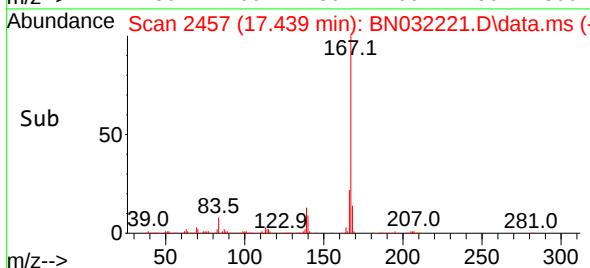
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024

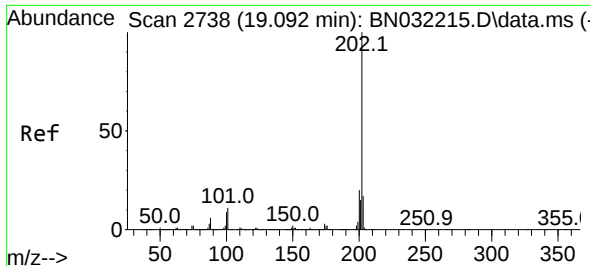


#77
 Carbazole
 Concen: 2.913 ng/ul
 RT: 17.439 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: BN032221.D
 Acq: 25 Jun 2024 00:15



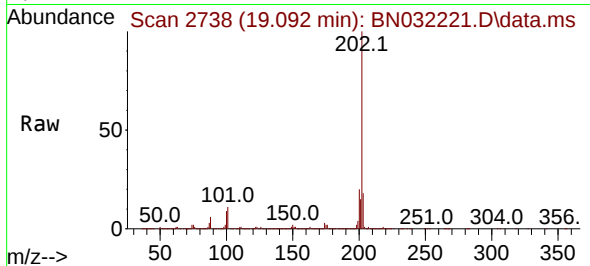
Tgt Ion:167 Resp: 164910
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.0 10.5 15.7





#80
Fluoranthene
Concen: 39.952 ng/u1
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15

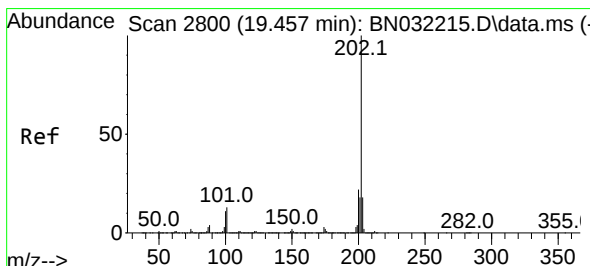
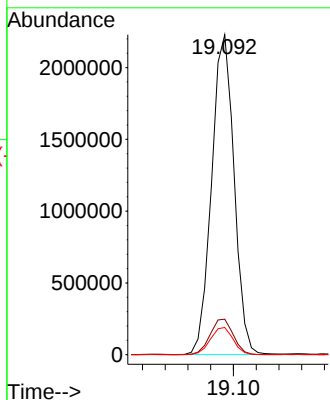
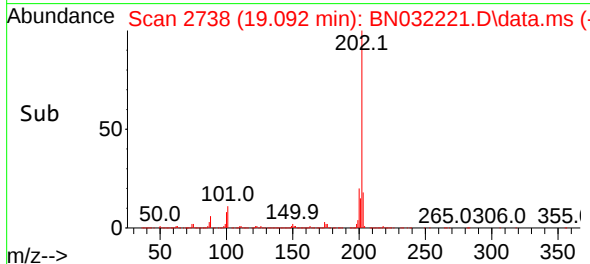
Instrument :
BNA_N
ClientSampleId :
A4D58DL



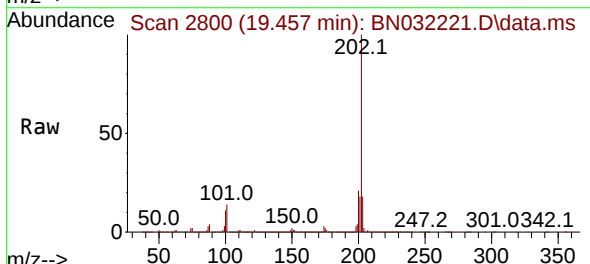
Tgt Ion:202 Resp: 306352
Ion Ratio Lower Upper
202 100
101 11.1 10.3 15.5
100 8.5 8.0 12.0

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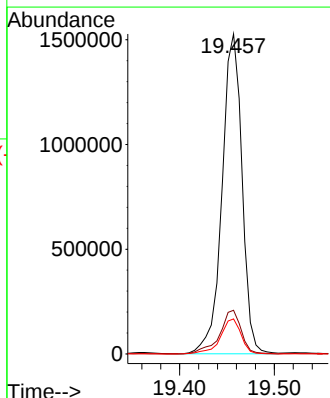
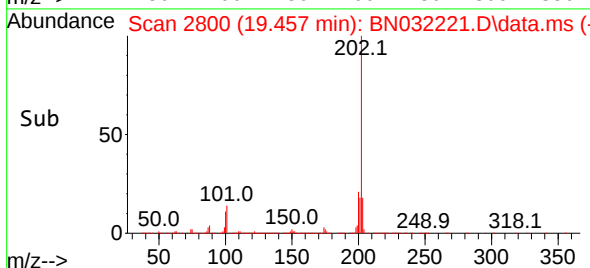
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

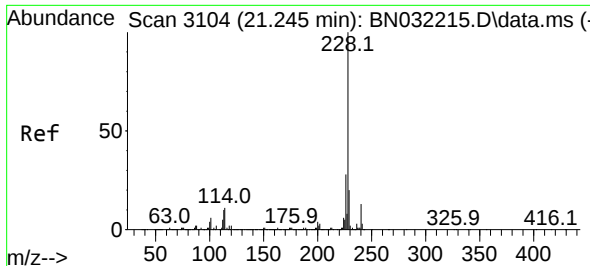


#82
Pyrene
Concen: 28.467 ng/u1
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15



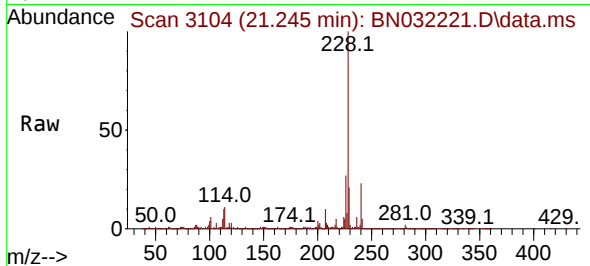
Tgt Ion:202 Resp: 2239594
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 11.0 10.2 15.2





#85
Benzo(a)anthracene
Concen: 18.325 ng/u1
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15

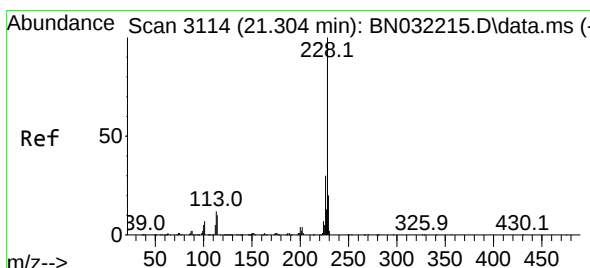
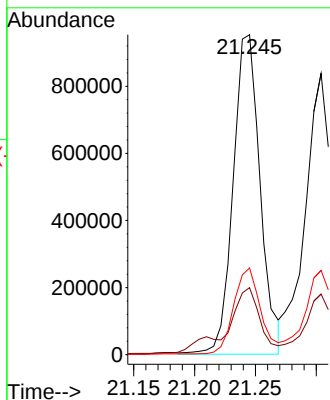
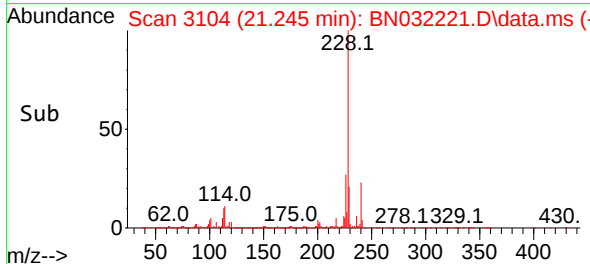
Instrument :
BNA_N
ClientSampleId :
A4D58DL



Tgt Ion:228 Resp: 1470679
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 27.1 22.8 34.2

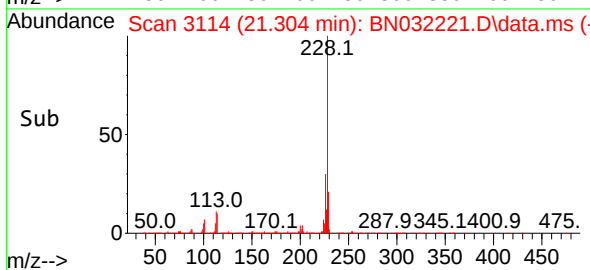
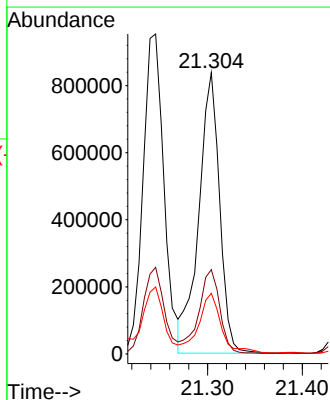
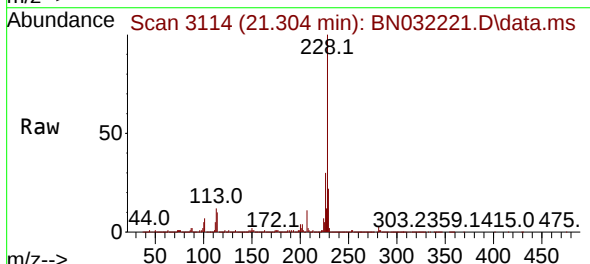
Manual Integrations
APPROVED

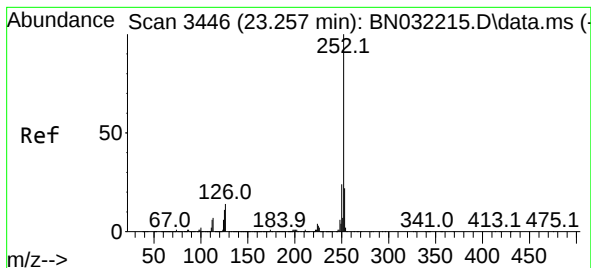
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#87
Chrysene
Concen: 17.037 ng/u1
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032221.D
Acq: 25 Jun 2024 00:15

Tgt Ion:228 Resp: 1277167
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 21.5 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 16.729 ng/ul

RT: 23.251 min Scan# 3446

Delta R.T. -0.012 min

Lab File: BN032221.D

Acq: 25 Jun 2024 00:15

Instrument :

BNA_N

ClientSampleId :

A4D58DL

Tgt Ion:252 Resp: 146235

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

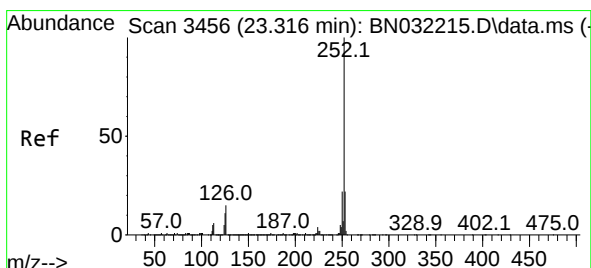
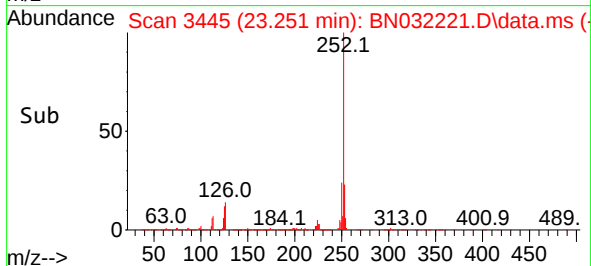
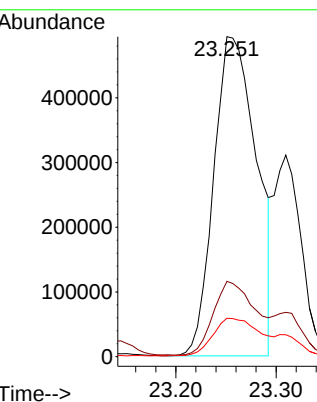
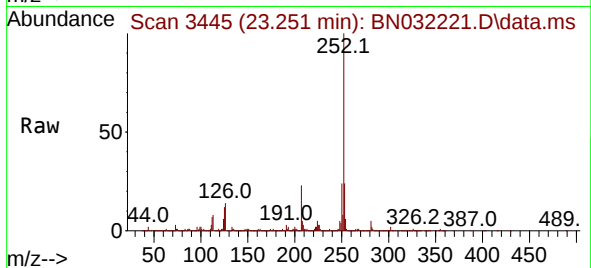
125 12.0 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :Jagrut Upadhyay 06/25/2024



#91

Benzo(k)fluoranthene

Concen: 6.798 ng/ul m

RT: 23.310 min Scan# 3455

Delta R.T. -0.012 min

Lab File: BN032221.D

Acq: 25 Jun 2024 00:15

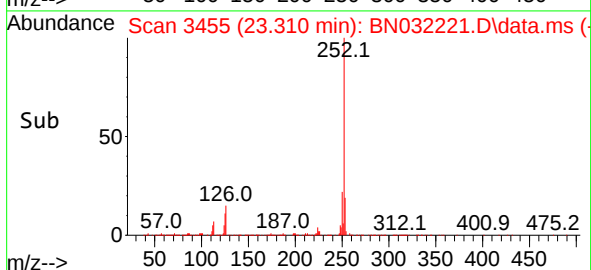
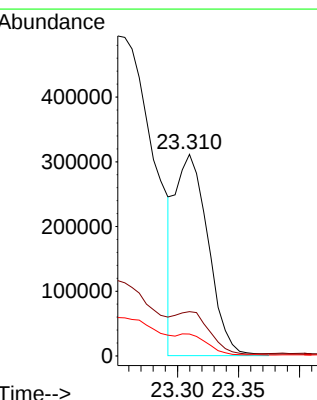
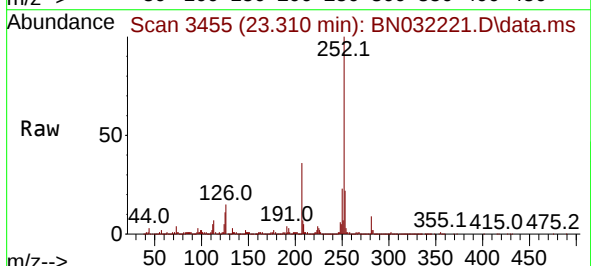
Tgt Ion:252 Resp: 583084

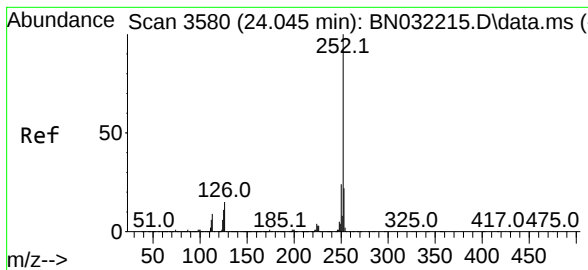
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 8.381 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN032221.D

Acq: 25 Jun 2024 00:15

Instrument :

BNA_N

ClientSampleId :

A4D58DL

Tgt Ion:252 Resp: 68618

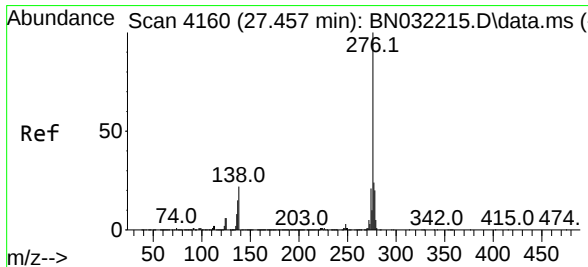
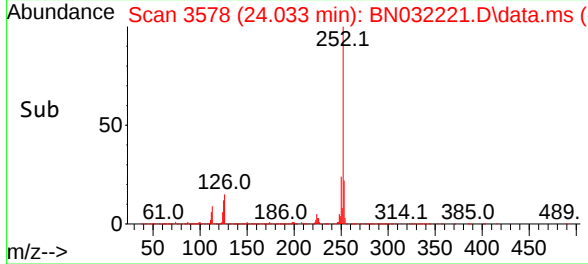
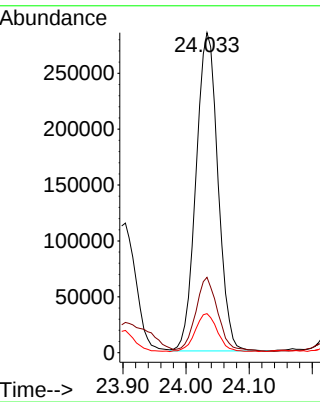
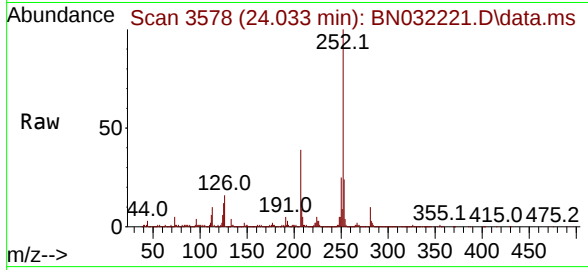
Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.6	24.8
125	12.2	9.8	14.8

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: 5.442 ng/ul

RT: 27.433 min Scan# 4156

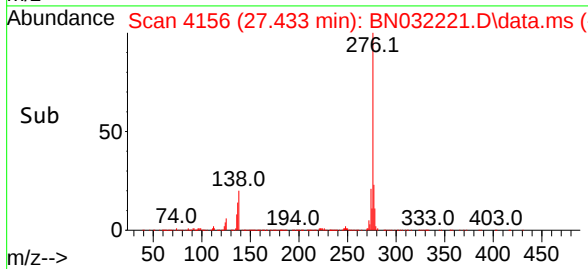
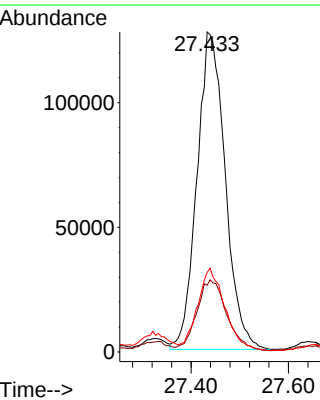
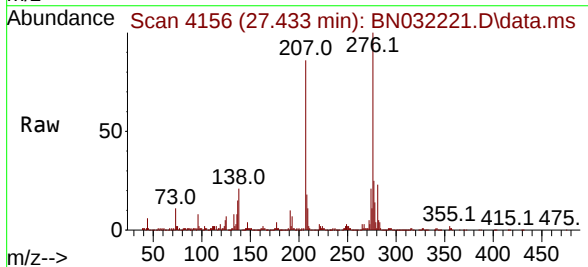
Delta R.T. -0.012 min

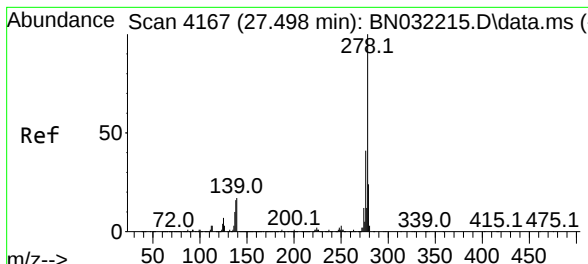
Lab File: BN032221.D

Acq: 25 Jun 2024 00:15

Tgt Ion:276 Resp: 513393

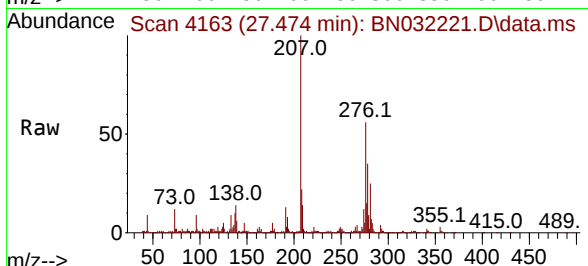
Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.1	27.1
277	24.9	18.2	27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 2.283 ng/ul m
 RT: 27.474 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BN032221.D
 Acq: 25 Jun 2024 00:15

Instrument :
 BNA_N
 ClientSampleId :
 A4D58DL



Tgt Ion:278 Resp: 17584
 Ion Ratio Lower Upper
 278 100
 139 18.6 15.0 22.6
 279 25.0 17.4 26.0

Manual Integrations
 APPROVED

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

