

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031790.D
 Acq On : 05 Jun 2024 00:08
 Operator : MA/JU
 Sample : P2591-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 02:08:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	551847	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2323977	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1376488	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2399391	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1389830	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1669564	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	52212	3.914	ng/uL	0.00
4) Pyridine-d5	3.599	84	522172	13.906	ng/u1	0.00
7) Phenol-d5	6.852	99	1245812	26.334	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	664860	24.026	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	980676	27.167	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	963934	24.996	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	496624	27.949	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	533508	29.066	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	962601	28.091	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	731043	14.368	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2757451	28.755	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	3160461	28.663	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	437405	22.781	ng/u1	0.00
60) Fluorene-d10	15.316	176	2295263	28.288	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	142260	11.796	ng/u1	0.00
73) Anthracene-d10	17.169	188	3093072	30.111	ng/u1	0.00
81) Pyrene-d10	19.469	212	2437983	32.781	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1665453	20.891	ng/u1	0.00
Target Compounds	Qvalue					
30) Naphthalene	10.510	128	278948	2.319	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	117504	1.429	ng/u1	94
37) 1-Methylnaphthalene	12.351	142	108561	1.316	ng/u1	99
50) Acenaphthylene	14.045	152	147397	1.183	ng/u1	98
52) Acenaphthene	14.387	153	363157	4.404	ng/u1	94
56) Dibenzofuran	14.722	168	521442	4.655	ng/u1	99
61) Fluorene	15.375	166	465950	5.165	ng/u1	95
72) Phenanthrene	17.116	178	8690038	71.097	ng/u1	99
74) Anthracene	17.204	178	1971002	15.914	ng/u1	99
77) Carbazole	17.475	167	1149758	10.887	ng/u1	99
78) Di-n-butylphthalate	18.039	149	335921	2.312	ng/u1	99
80) Fluoranthene	19.139	202	10405799	117.073	ng/u1	98
82) Pyrene	19.498	202	7298075	80.028	ng/u1	99
83) Butylbenzylphthalate	20.404	149	64797	1.504	ng/u1	86
85) Benzo(a)anthracene	21.286	228	4488563	48.250	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	385020	6.132	ng/u1	96
87) Chrysene	21.351	228	4208953	48.438	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	5111720	51.223	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	2186843m	22.332	ng/u1	99
93) Benzo(a)pyrene	24.110	252	2209818	23.643	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.568	276	1942078	18.032	ng/u1	99
95) Dibenzo(a,h)anthracene	27.615	278	717008m	8.154	ng/u1	99
96) Benzo(g,h,i)perylene	28.592	276	259598m	3.032	ng/u1	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

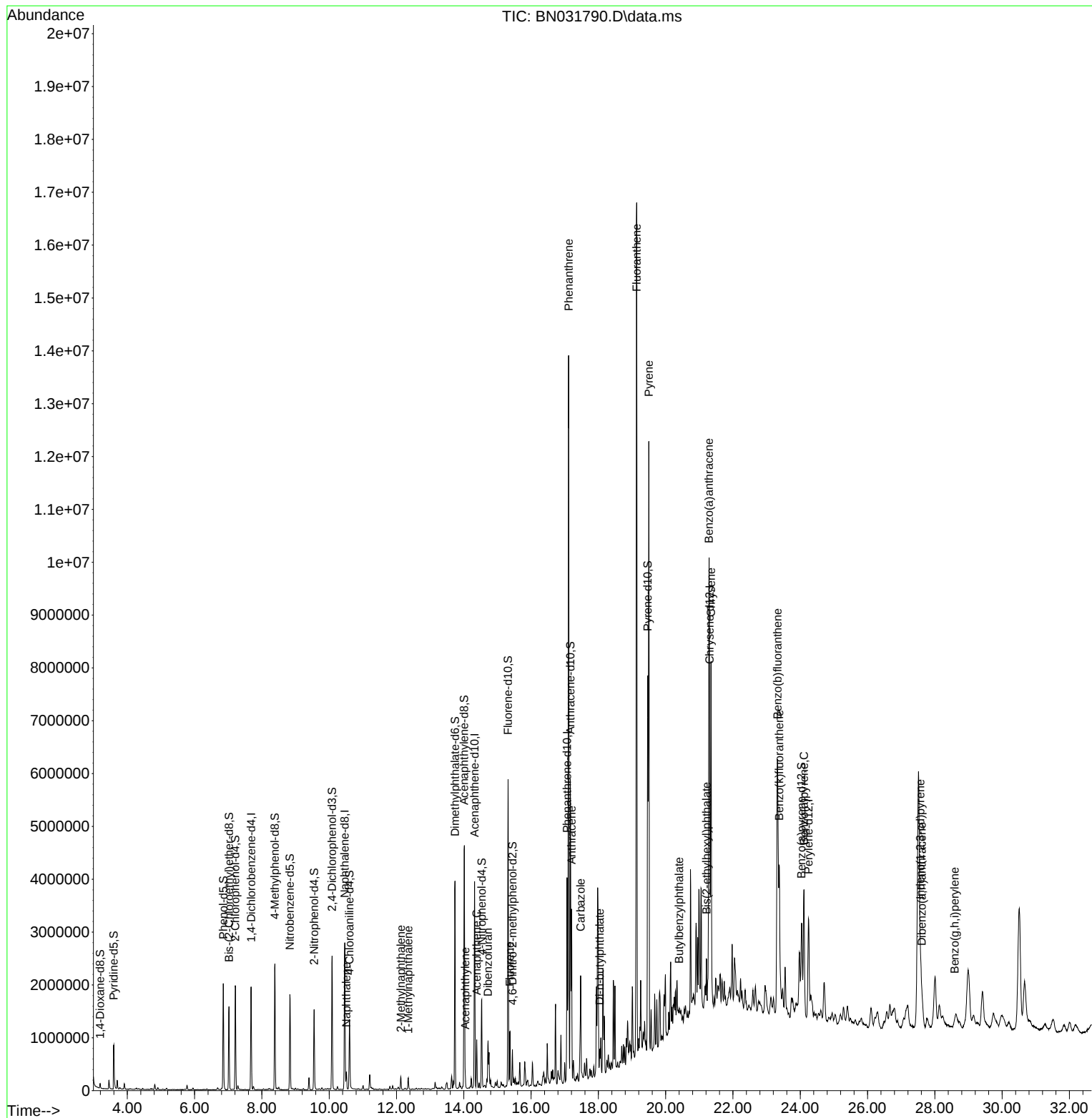
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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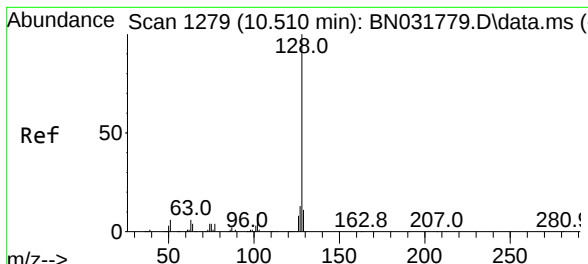
Instrument :
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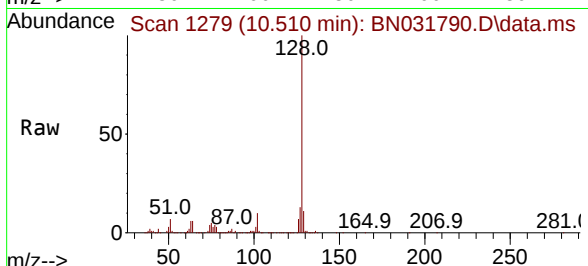
Quant Time: Jun 05 02:08:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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#30
Naphthalene
Concen: 2.319 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

Instrument : BNA_N
ClientSampleId : BHBQ6

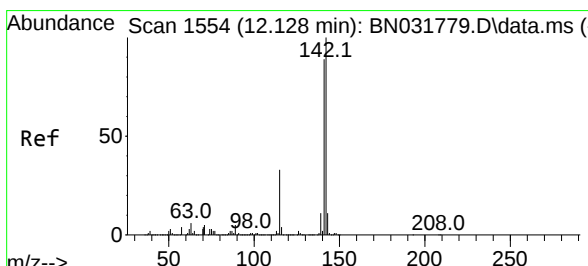
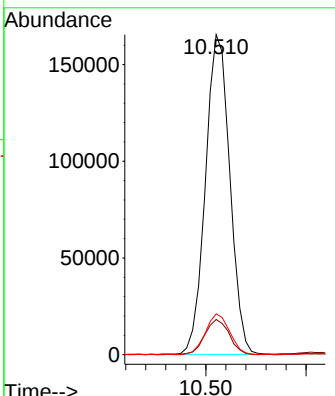
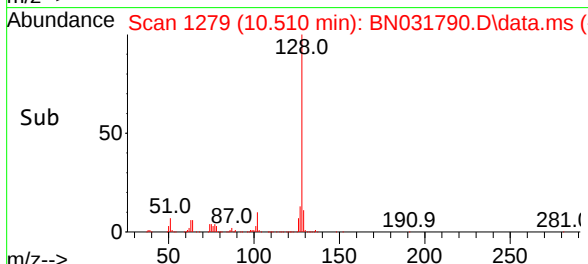


Tgt Ion:128 Resp: 278944

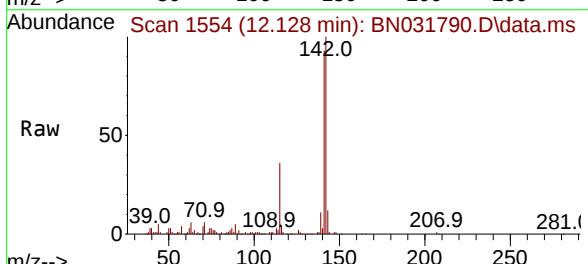
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	12.7	10.3	15.5

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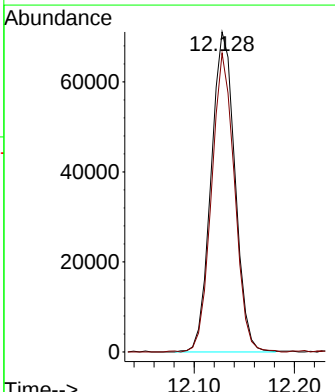
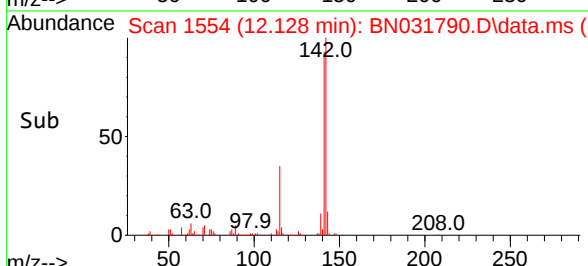


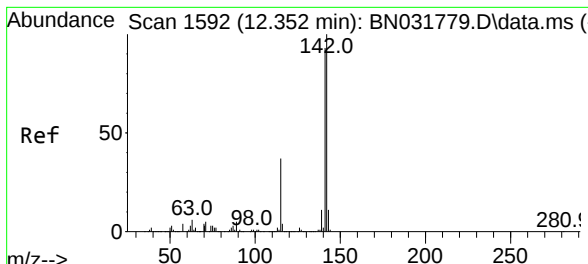
#36
2-Methylnaphthalene
Concen: 1.429 ng/ul
RT: 12.128 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08



Tgt Ion:142 Resp: 117504

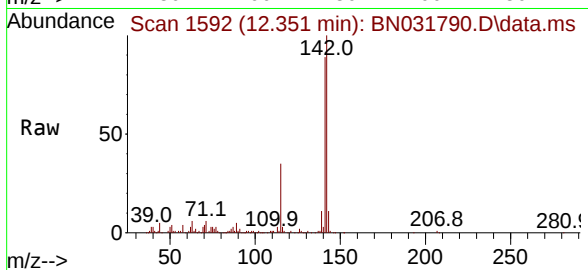
Ion	Ratio	Lower	Upper
142	100		
141	93.3	70.1	105.1





#37
1-Methylnaphthalene
Concen: 1.316 ng/ul
RT: 12.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

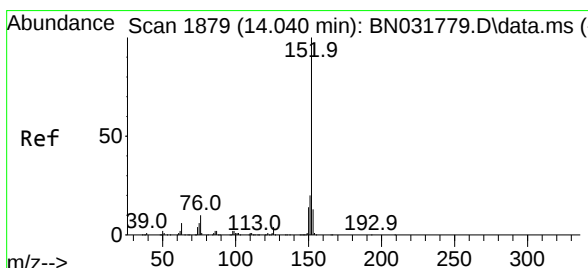
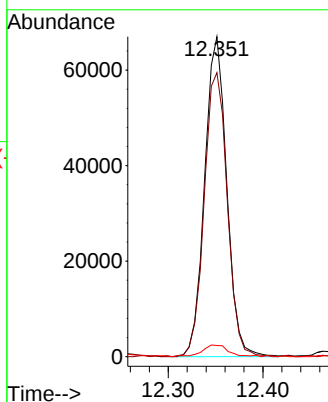
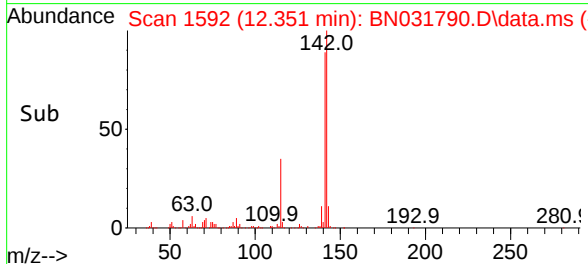
Instrument :
BNA_N
ClientSampleId :
BHBQ6



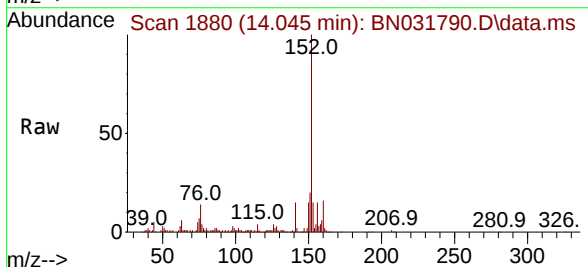
Tgt Ion:142 Resp: 10856
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
116 3.5 3.0 4.4

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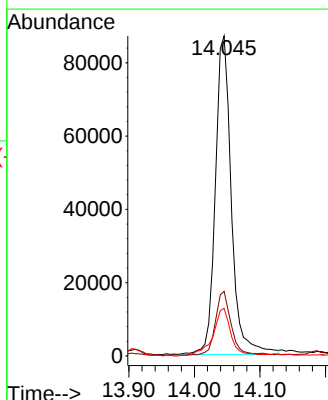
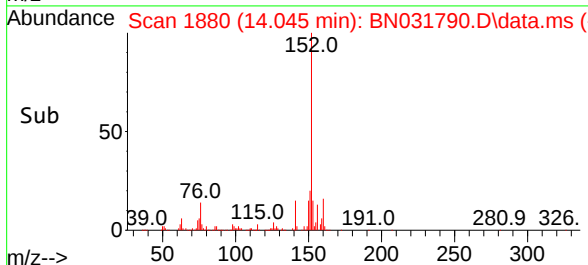
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

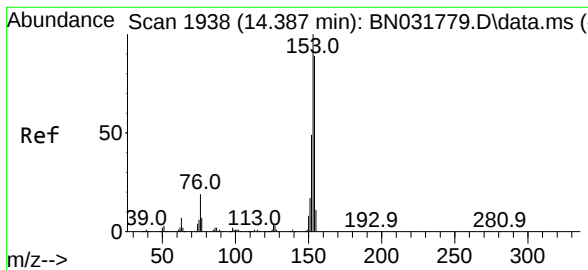


#50
Acenaphthylene
Concen: 1.183 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08



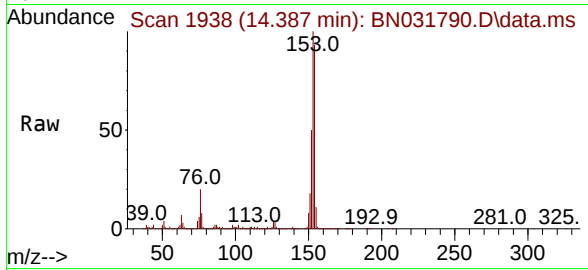
Tgt Ion:152 Resp: 147397
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.9 10.4 15.6





#52
Acenaphthene
Concen: 4.404 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

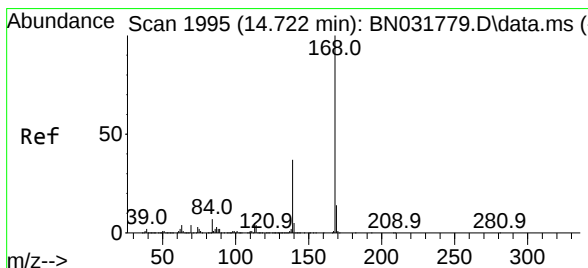
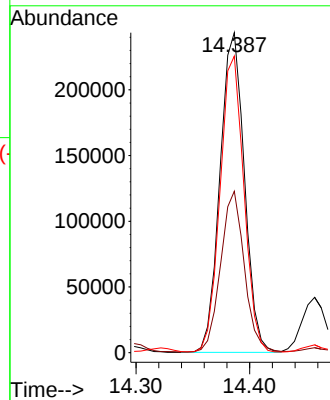
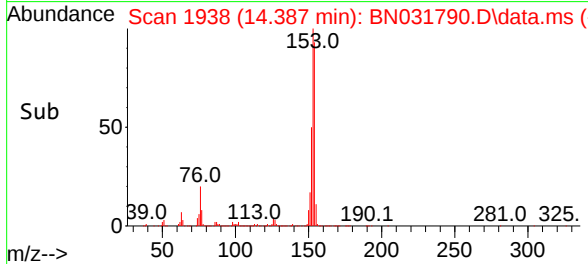
Instrument :
BNA_N
ClientSampleId :
BHBQ6



Tgt Ion:153 Resp: 36315
Ion Ratio Lower Upper
153 100
152 50.5 37.8 56.6
154 92.7 69.8 104.8

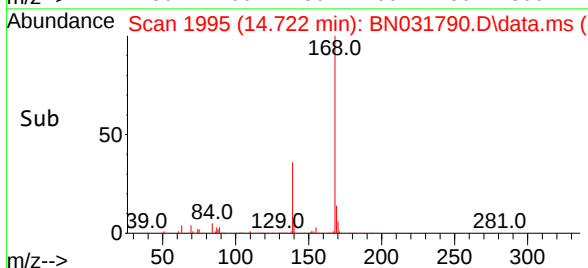
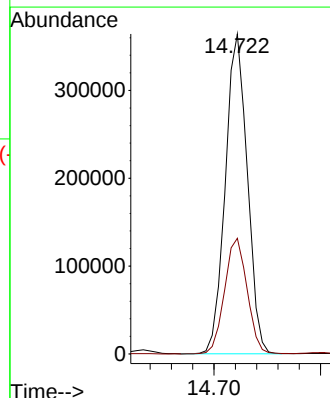
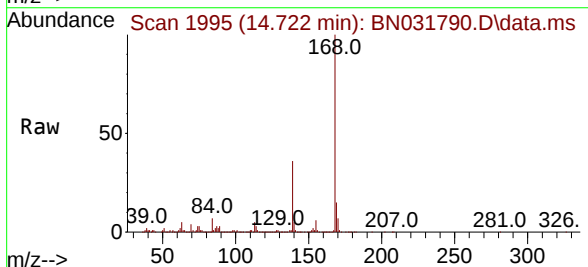
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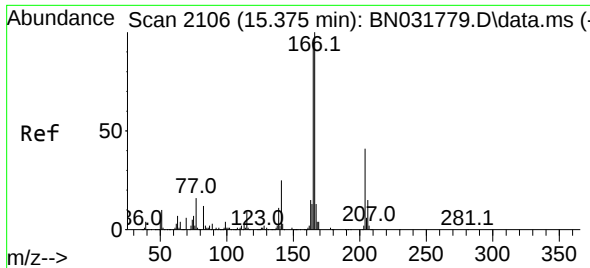
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#56
Dibenzofuran
Concen: 4.655 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

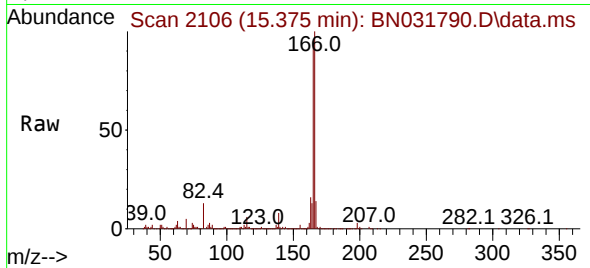
Tgt Ion:168 Resp: 521442
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0





#61
Fluorene
Concen: 5.165 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

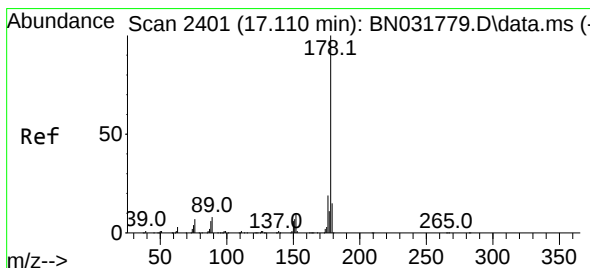
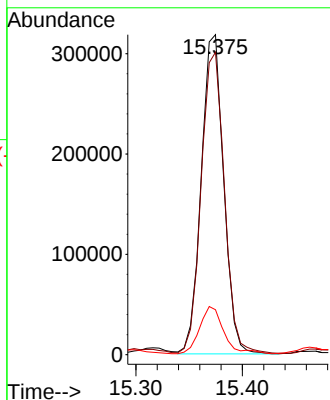
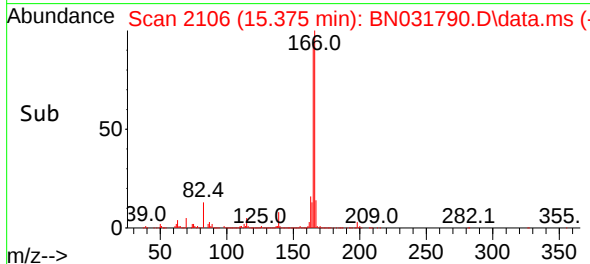
Instrument :
BNA_N
ClientSampleId :
BHBQ6



Tgt Ion:166 Resp: 465950
Ion Ratio Lower Upper
166 100
165 94.5 80.3 120.5
167 14.1 11.3 16.9

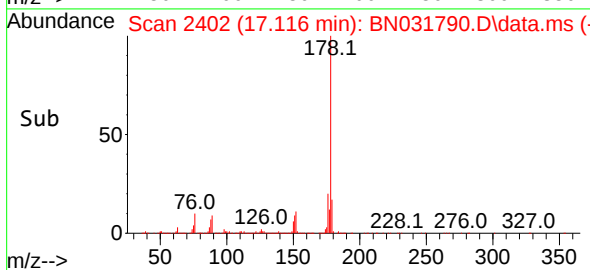
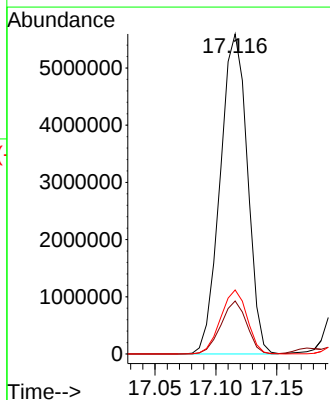
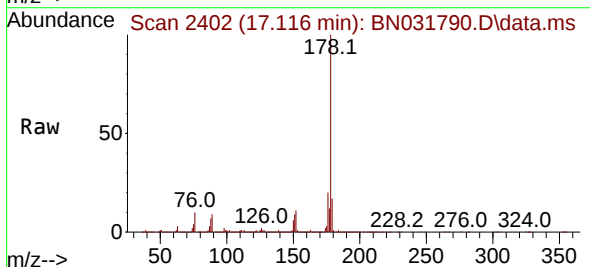
Manual Integrations
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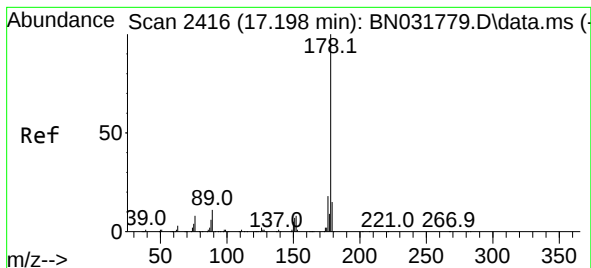
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#72
Phenanthrene
Concen: 71.097 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

Tgt Ion:178 Resp: 8690038
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.0 15.8 23.6





#74

Anthracene

Concen: 15.914 ng/ul

RT: 17.204 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BN031790.D

Acq: 05 Jun 2024 00:08

Instrument :

BNA_N

ClientSampleId :

BHBQ6

Tgt Ion:178 Resp: 197100

Ion Ratio Lower Upper

178 100

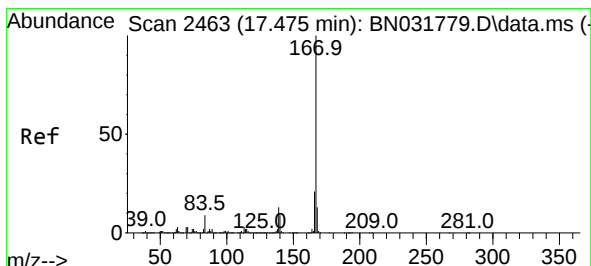
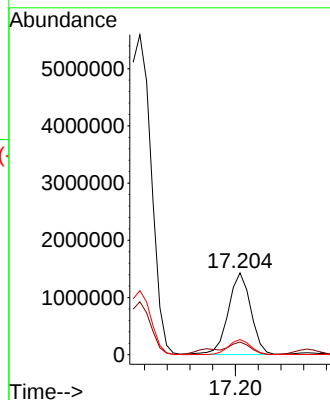
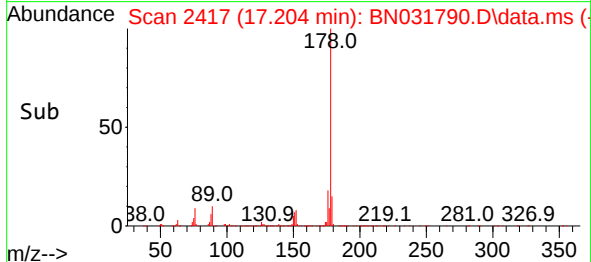
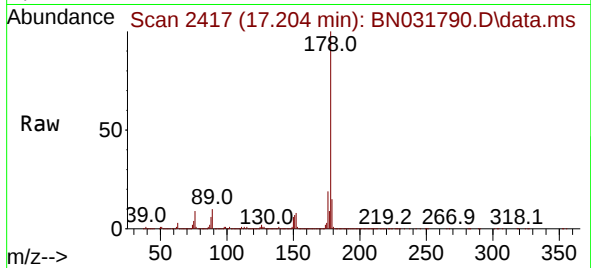
179 15.5 11.8 17.6

176 18.5 14.8 22.2

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#77

Carbazole

Concen: 10.887 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031790.D

Acq: 05 Jun 2024 00:08

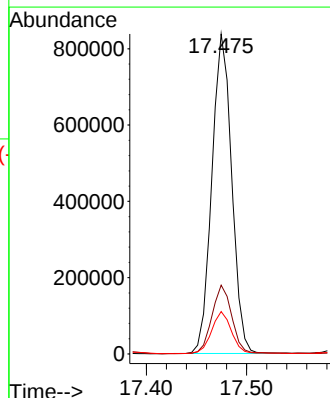
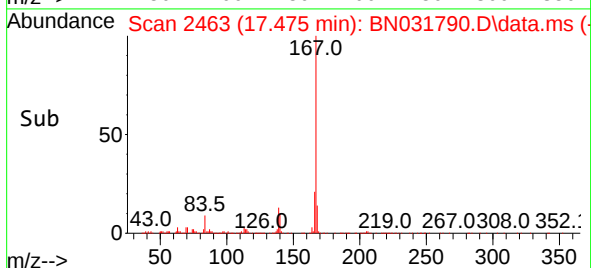
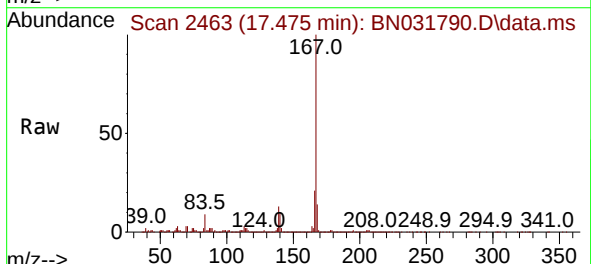
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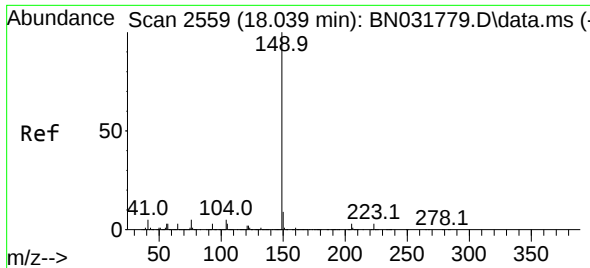
Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

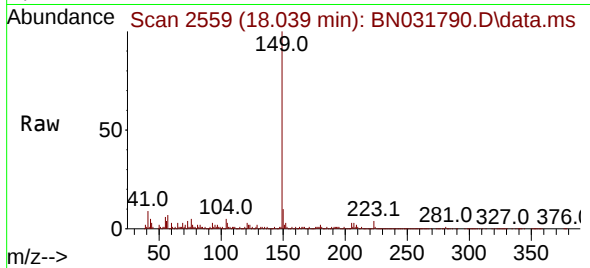
139 13.2 10.5 15.7





#78
Di-n-butylphthalate
Concen: 2.312 ng/ul
RT: 18.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

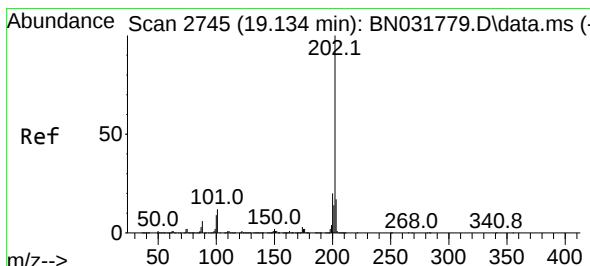
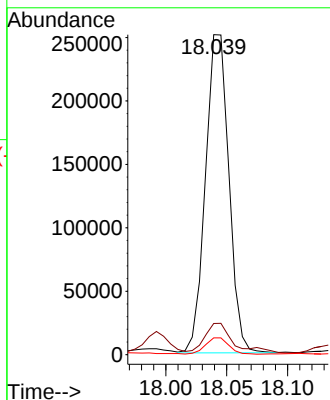
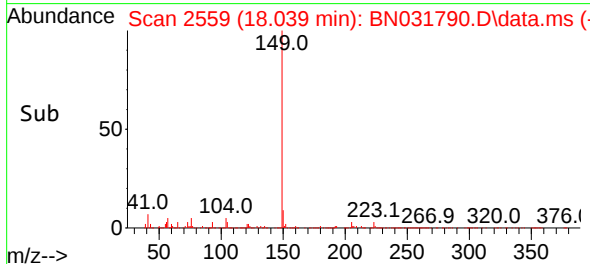
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:149 Resp: 33592
Ion Ratio Lower Upper
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150 9.7 7.4 11.0
104 5.2 4.1 6.1

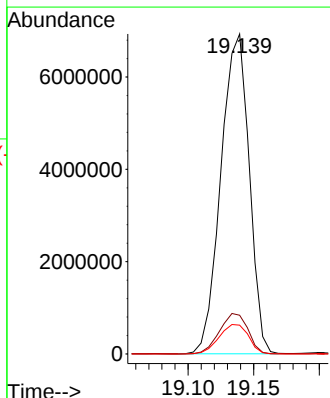
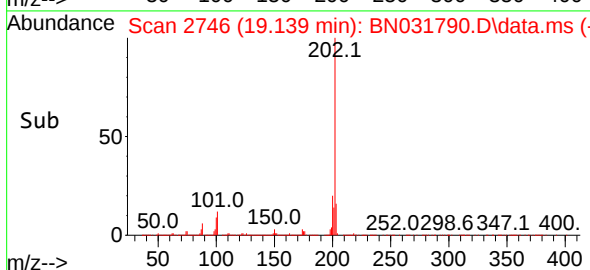
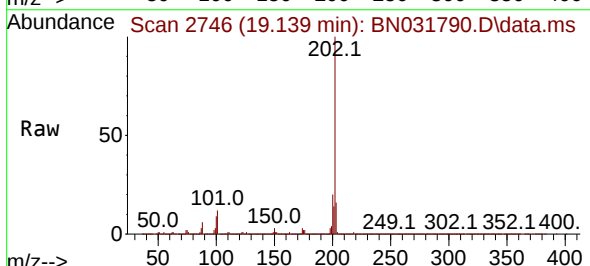
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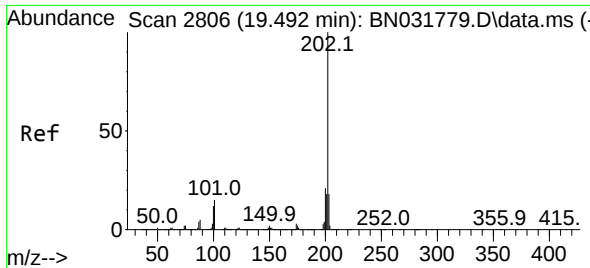
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#80
Fluoranthene
Concen: 117.073 ng/ul
RT: 19.139 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

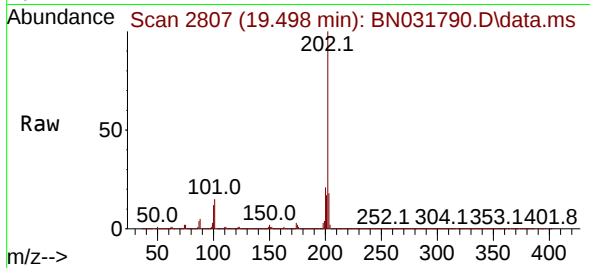
Tgt Ion:202 Resp:10405799
Ion Ratio Lower Upper
202 100
101 12.1 10.3 15.5
100 9.0 8.0 12.0





#82
 Pyrene
 Concen: 80.028 ng/ul
 RT: 19.498 min Scan# 2807
 Delta R.T. 0.006 min
 Lab File: BN031790.D
 Acq: 05 Jun 2024 00:08

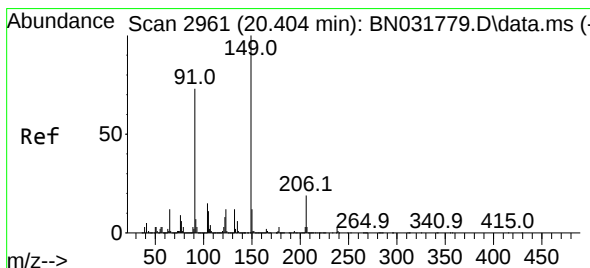
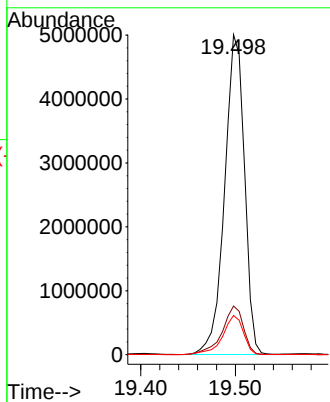
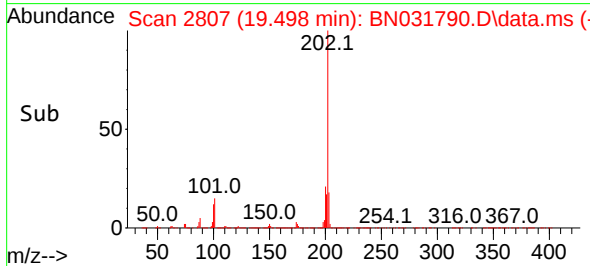
Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6



Tgt Ion:202 Resp: 729807
 Ion Ratio Lower Upper
 202 100
 101 15.2 12.6 18.8
 100 12.2 10.2 15.2

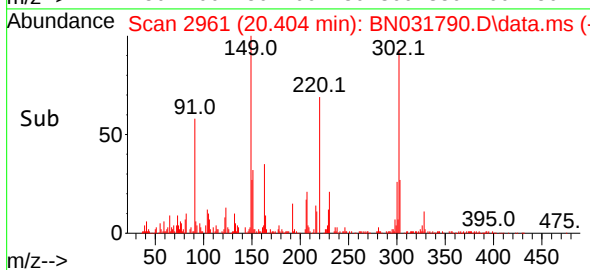
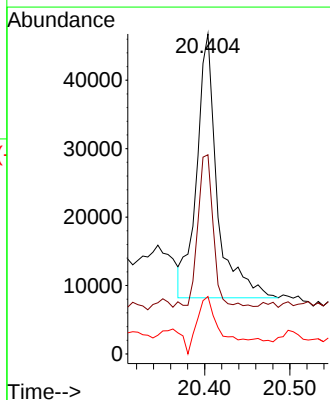
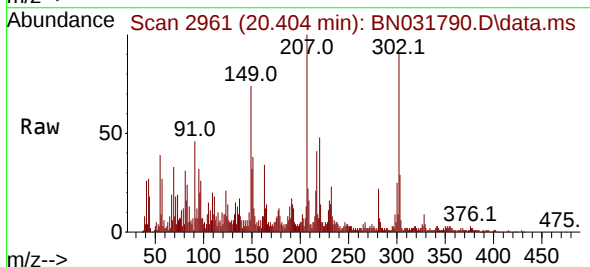
Manual Integrations
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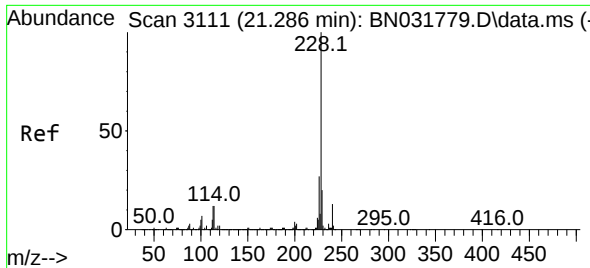
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



#83
 Butylbenzylphthalate
 Concen: 1.504 ng/ul
 RT: 20.404 min Scan# 2961
 Delta R.T. -0.000 min
 Lab File: BN031790.D
 Acq: 05 Jun 2024 00:08

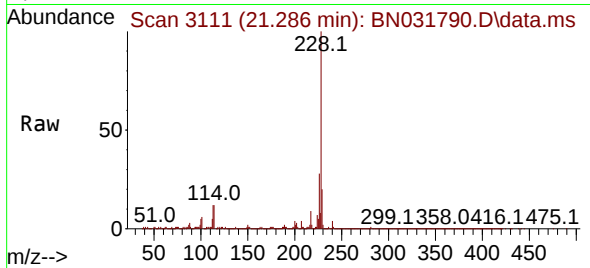
Tgt Ion:149 Resp: 64797
 Ion Ratio Lower Upper
 149 100
 91 62.2 61.0 91.4
 206 18.0 16.5 24.7





#85
Benzo(a)anthracene
Concen: 48.250 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

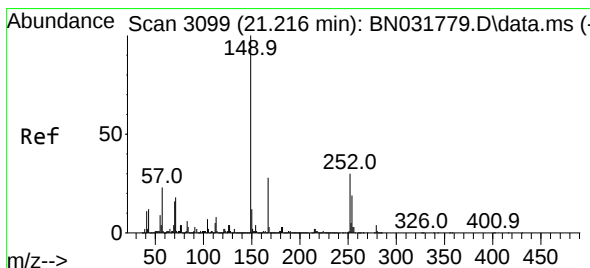
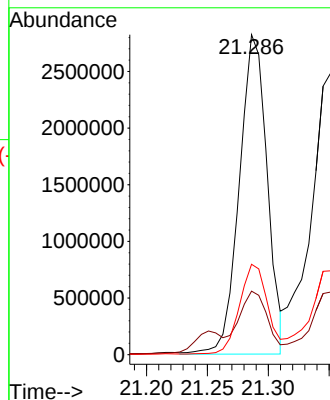
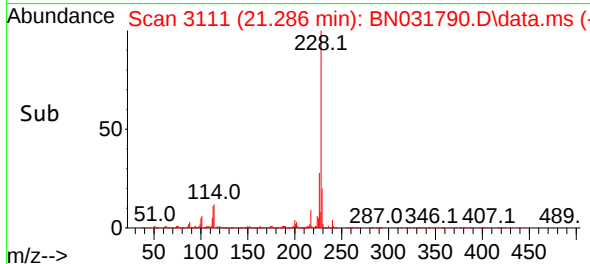
Instrument :
BNA_N
ClientSampleId :
BHBQ6



Tgt Ion:228 Resp: 448856
Ion Ratio Lower Upper
228 100
229 19.8 16.7 25.1
226 28.2 22.8 34.2

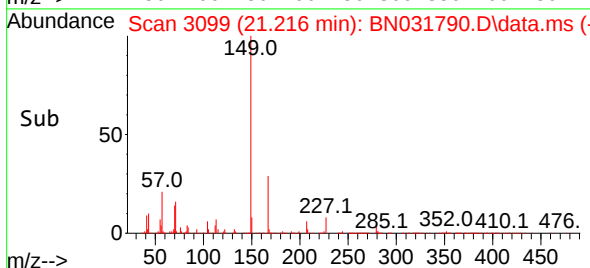
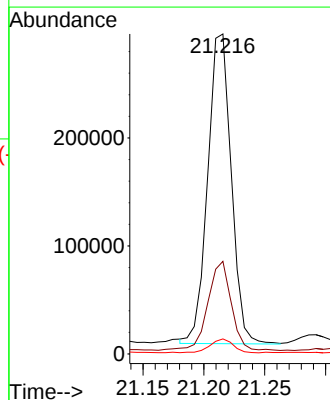
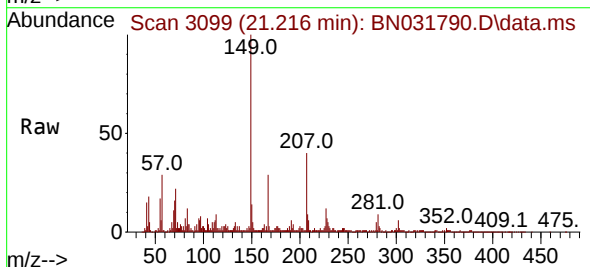
Manual Integrations
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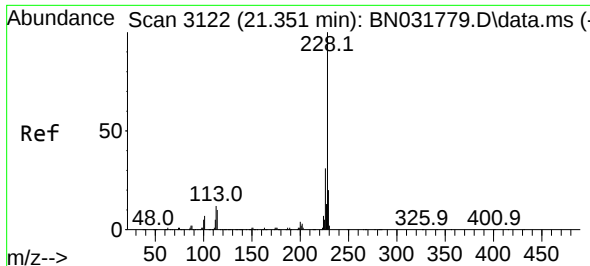
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.132 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

Tgt Ion:149 Resp: 385020
Ion Ratio Lower Upper
149 100
167 29.0 21.4 32.0
279 4.7 3.3 4.9





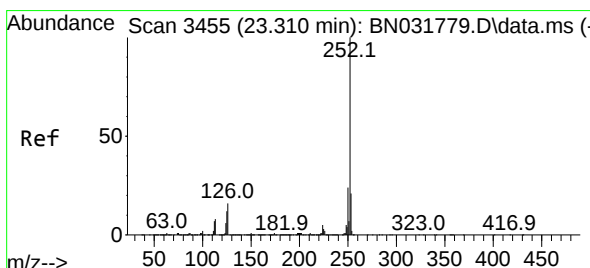
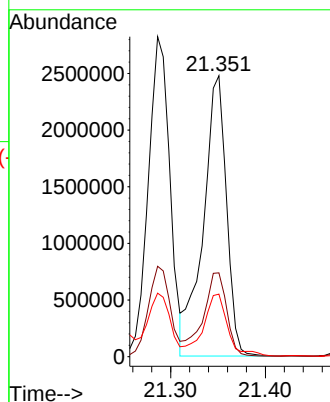
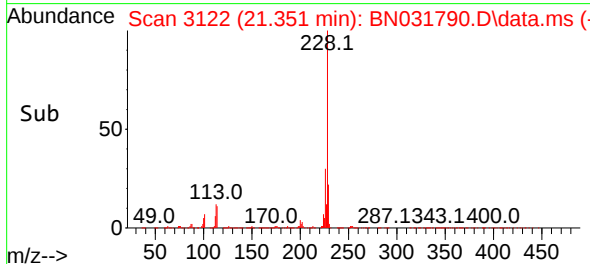
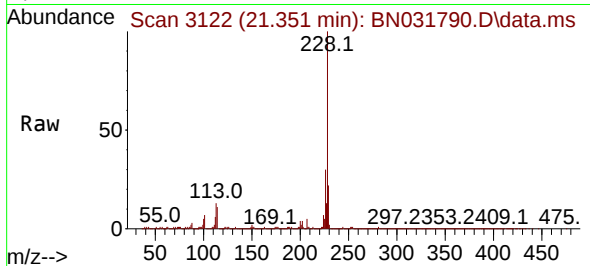
#87
Chrysene
Concen: 48.438 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Tgt Ion:228 Resp: 420895
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 22.3 15.1 22.7

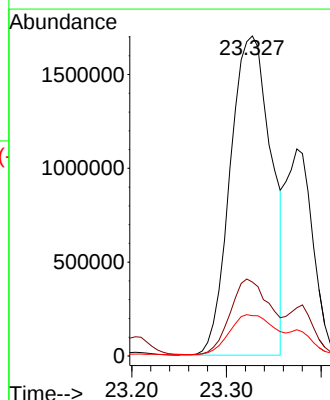
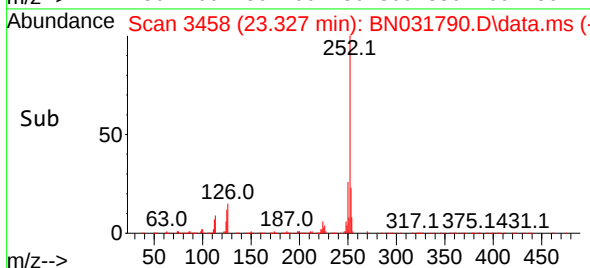
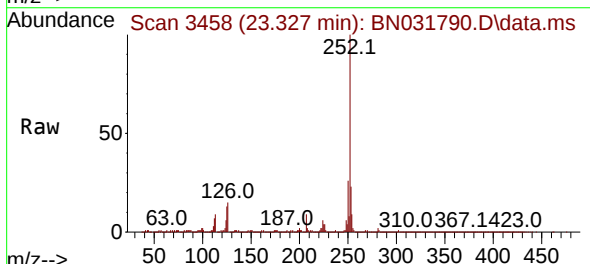
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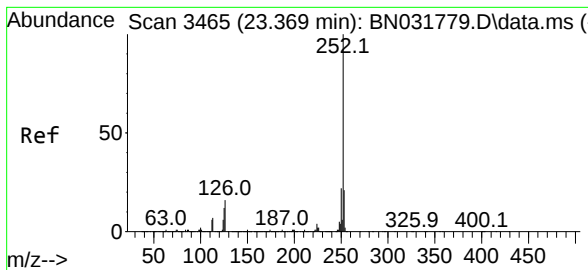
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#90
Benzo(b)fluoranthene
Concen: 51.223 ng/ul
RT: 23.327 min Scan# 3458
Delta R.T. 0.018 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

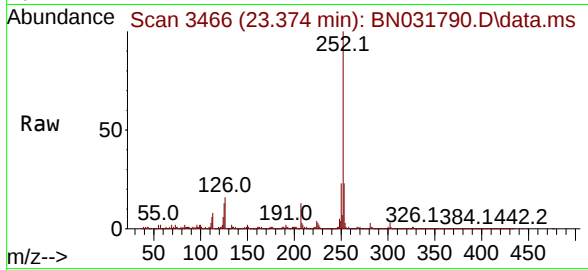
Tgt Ion:252 Resp: 5111720
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 12.6 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 22.332 ng/ul m
RT: 23.374 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

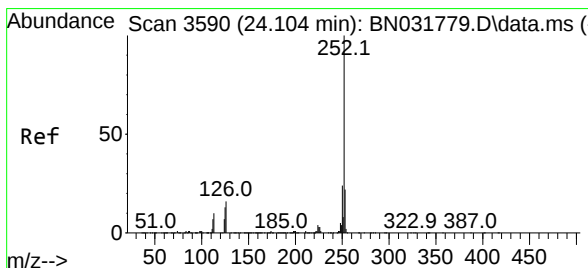
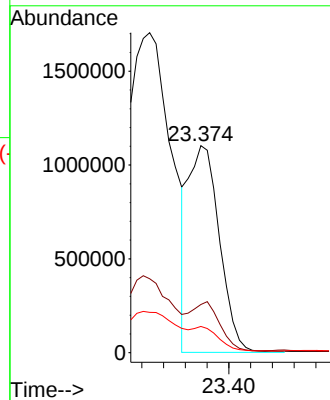
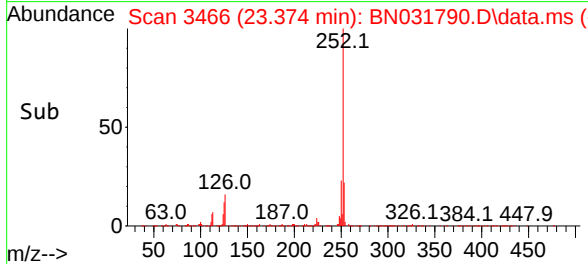
Instrument :
BNA_N
ClientSampleId :
BHBQ6



Tgt Ion:252 Resp: 218684
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 12.6 9.4 14.2

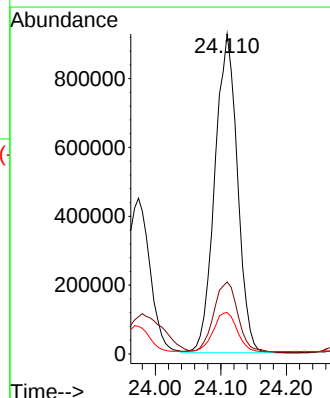
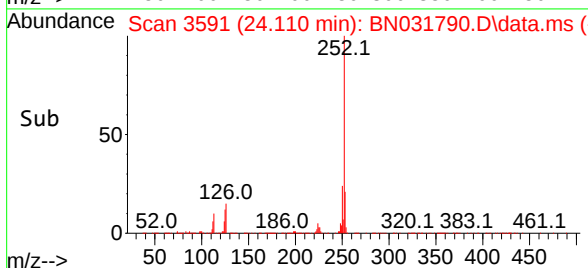
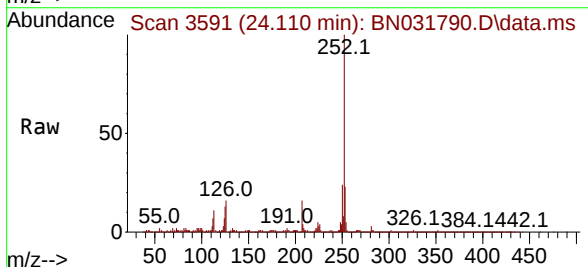
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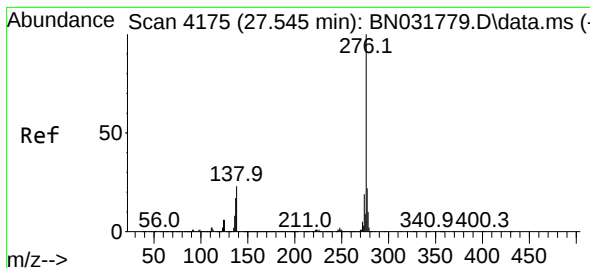
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#93
Benzo(a)pyrene
Concen: 23.643 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031790.D
Acq: 05 Jun 2024 00:08

Tgt Ion:252 Resp: 2209818
Ion Ratio Lower Upper
252 100
253 22.5 16.6 24.8
125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.032 ng/ul

RT: 27.568 min Scan# 4179

Delta R.T. 0.035 min

Lab File: BN031790.D

Acq: 05 Jun 2024 00:08

Instrument :

BNA_N

ClientSampleId :

BHBQ6

Tgt Ion:276 Resp: 1942078

Ion Ratio Lower Upper

276 100

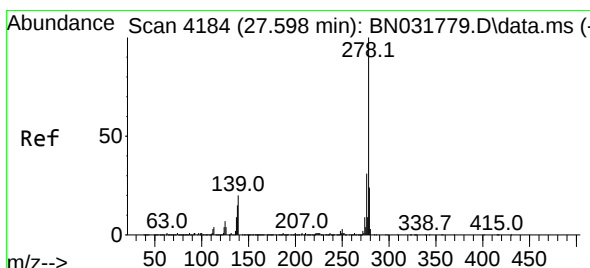
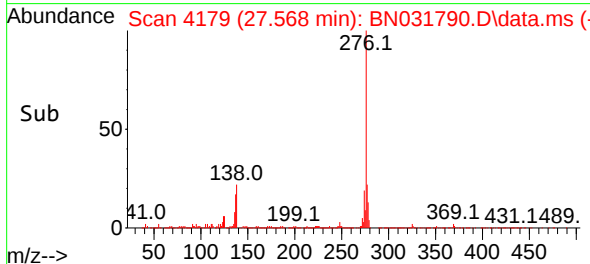
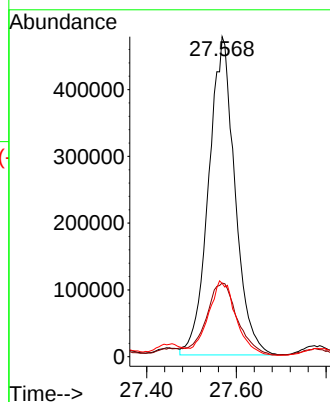
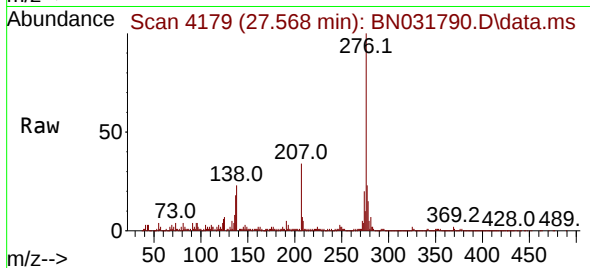
138 23.0 18.1 27.1

277 22.9 18.2 27.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 8.154 ng/ul m

RT: 27.615 min Scan# 4187

Delta R.T. 0.012 min

Lab File: BN031790.D

Acq: 05 Jun 2024 00:08

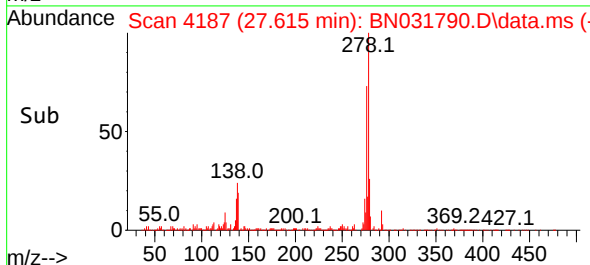
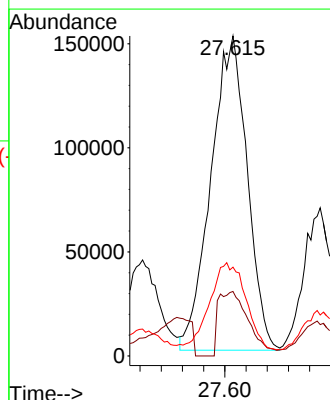
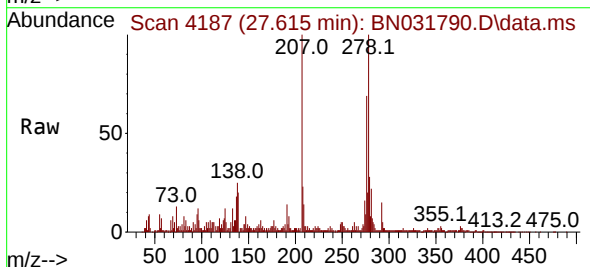
Tgt Ion:278 Resp: 717008

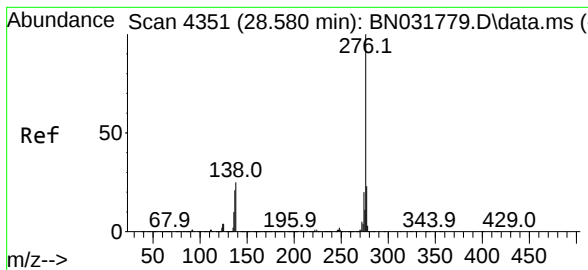
Ion Ratio Lower Upper

278 100

139 20.1 15.0 22.6

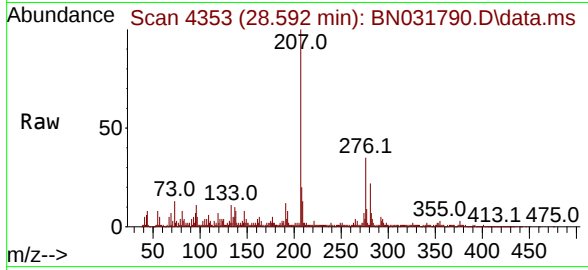
279 27.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 3.032 ng/ul m
 RT: 28.592 min Scan# 4353
 Delta R.T. 0.023 min
 Lab File: BN031790.D
 Acq: 05 Jun 2024 00:08

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6



Tgt Ion:276 Resp: 259598
 Ion Ratio Lower Upper
 276 100
 138 24.3 20.9 31.3
 277 24.7 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

