

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030639.D
 Acq On : 03 Apr 2024 22:44
 Operator : MA/JU
 Sample : P1849-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOLY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 03 23:18:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	288143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1256091	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	807407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1586281	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1024277	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1110572	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	19708	3.207	ng/uL	0.00
4) Pyridine-d5	3.604	84	76812	4.169	ng/u1	0.00
7) Phenol-d5	6.857	99	459046	19.694	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	275440	19.132	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	369435	20.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.392	113	316065	16.179	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	185989	21.345	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	189075	23.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	376105	21.552	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	6472m	0.225	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1188266	22.043	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	1376436	22.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	159039	15.424	ng/u1	0.00
60) Fluorene-d10	15.333	176	1092630	23.162	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	98208	14.026	ng/u1	0.00
73) Anthracene-d10	17.180	188	1594846	23.335	ng/u1	0.00
81) Pyrene-d10	19.486	212	1640332	29.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1238575	24.204	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.398	153	63306	1.327	ng/u1	97
61) Fluorene	15.386	166	64424	1.222	ng/u1	97
72) Phenanthrene	17.127	178	1219306	14.961	ng/u1	99
74) Anthracene	17.215	178	226417	2.748	ng/u1	99
77) Carbazole	17.486	167	128492	1.778	ng/u1	94
80) Fluoranthene	19.151	202	2318670	35.419	ng/u1	99
82) Pyrene	19.515	202	1897367	27.444	ng/u1	100
83) Butylbenzylphthalate	20.427	149	55535	2.103	ng/u1	97
85) Benzo(a)anthracene	21.303	228	713041	10.431	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.245	149	1116897	28.685	ng/u1	99
87) Chrysene	21.368	228	849461	13.165	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	1040679	15.923	ng/u1#	92
91) Benzo(k)fluoranthene	23.397	252	395864m	5.964	ng/u1	
93) Benzo(a)pyrene	24.133	252	660675	10.701	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	27.580	276	550394	8.247	ng/u1	99
95) Dibenzo(a,h)anthracene	27.627	278	130276	2.319	ng/u1#	65
96) Benzo(g,h,i)perylene	28.609	276	506673	9.670	ng/u1	99

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

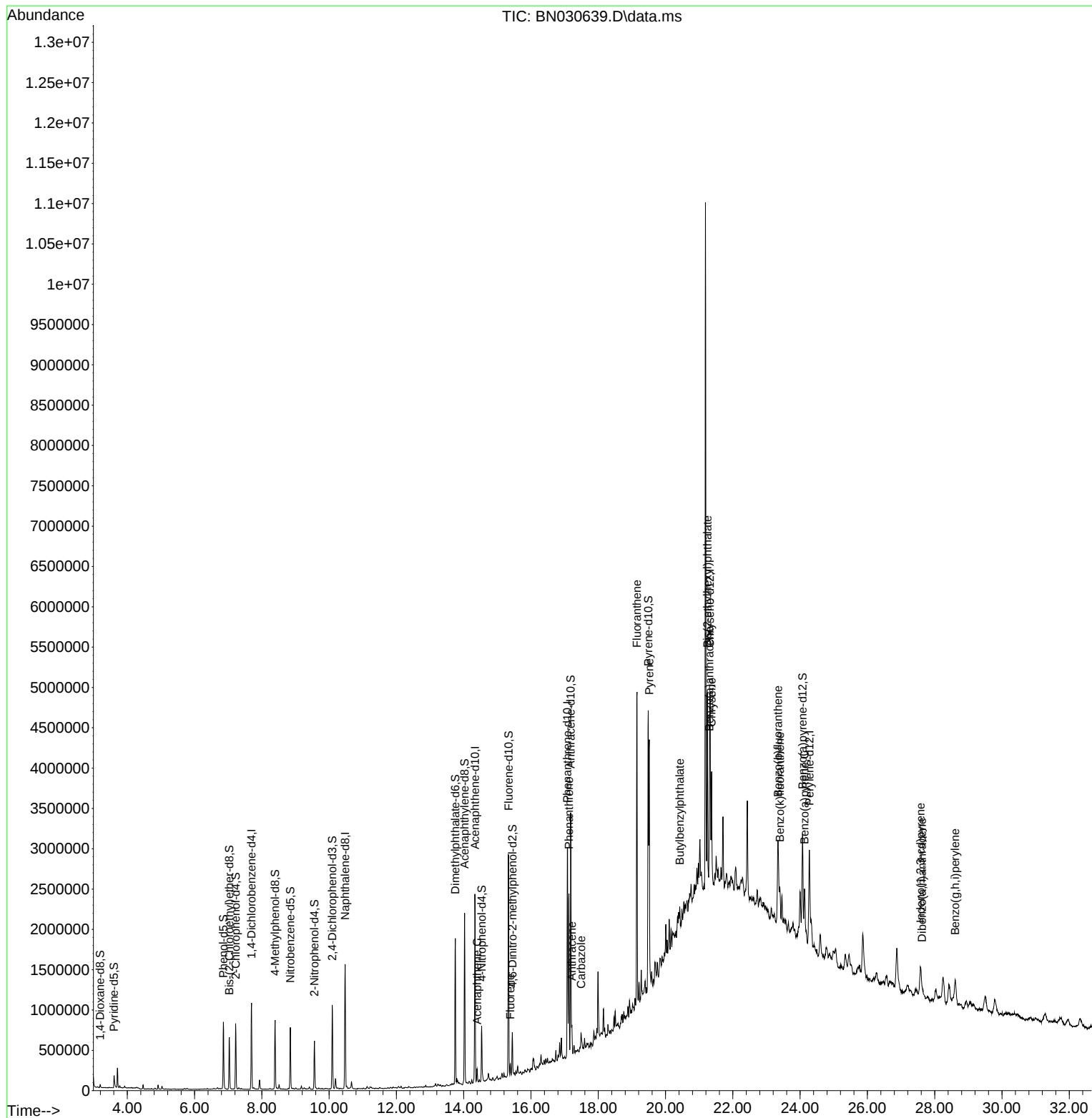
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030639.D
Acq On : 03 Apr 2024 22:44
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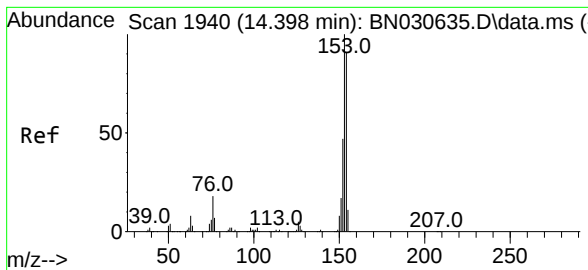
Instrument :
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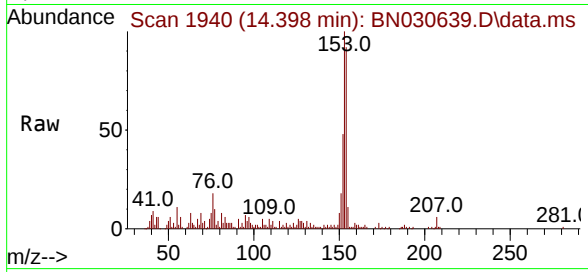
Quant Time: Apr 03 23:18:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
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#52
Acenaphthene
Concen: 1.327 ng/ul
RT: 14.398 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

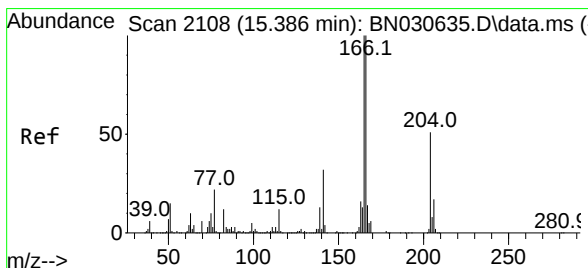
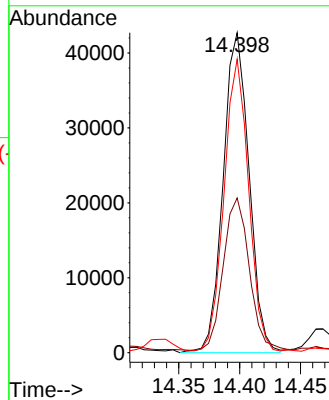
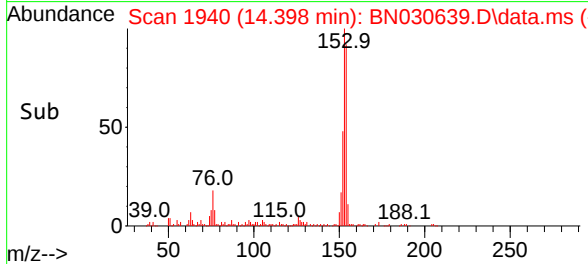
Instrument :
BNA_N
ClientSampleId :
E0LY5



Tgt Ion:153 Resp: 63300
Ion Ratio Lower Upper
153 100
152 48.3 37.6 56.4
154 91.7 70.3 105.5

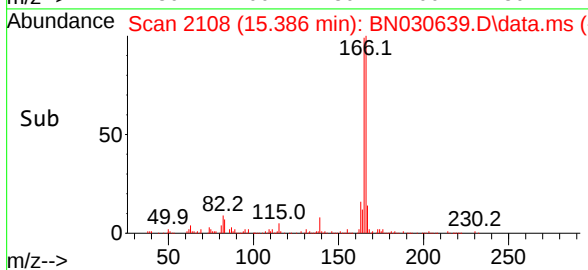
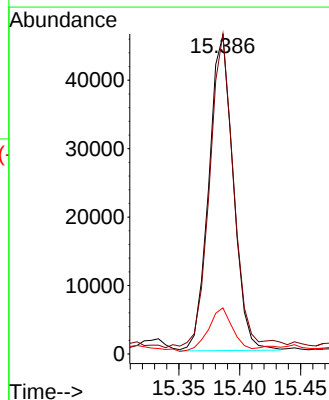
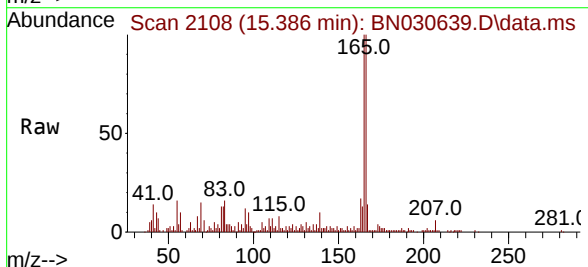
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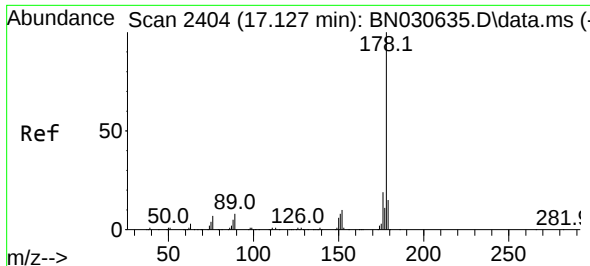
Reviewed By :Yogesh Patel 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#61
Fluorene
Concen: 1.222 ng/ul
RT: 15.386 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

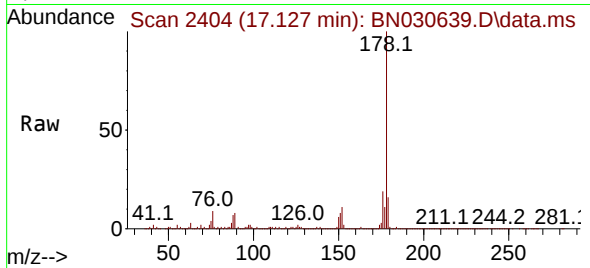
Tgt Ion:166 Resp: 64424
Ion Ratio Lower Upper
166 100
165 100.5 78.2 117.4
167 14.5 11.0 16.4





#72
Phenanthrene
Concen: 14.961 ng/u1
RT: 17.127 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

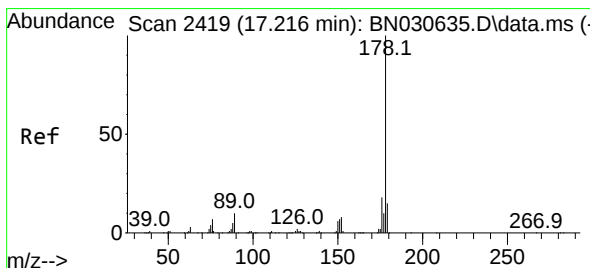
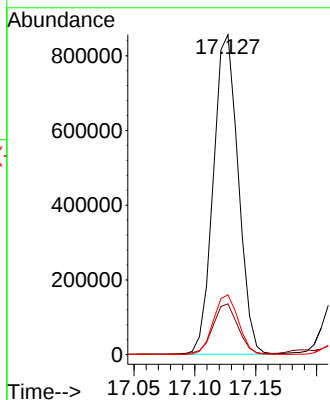
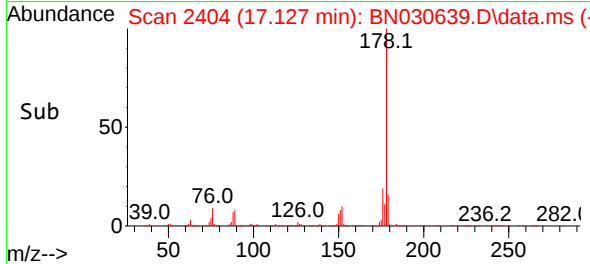
Instrument :
BNA_N
ClientSampleId :
EOLY5



Tgt Ion:178 Resp: 1219300
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.7 15.0 22.6

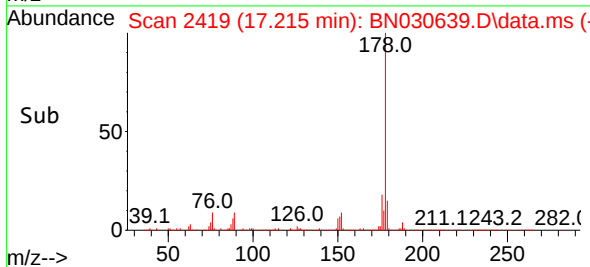
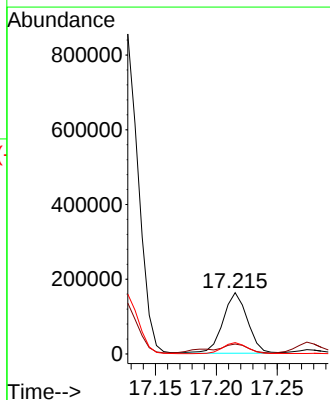
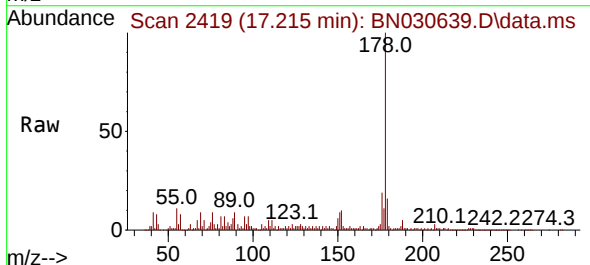
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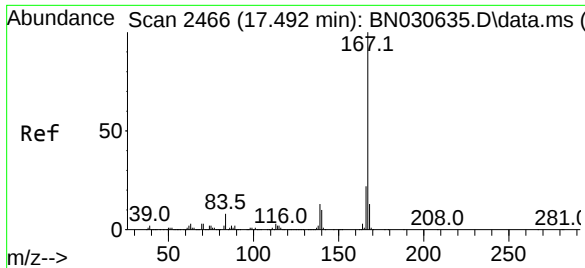
Reviewed By :Yogesh Patel 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#74
Anthracene
Concen: 2.748 ng/u1
RT: 17.215 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

Tgt Ion:178 Resp: 226417
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 18.5 15.0 22.4





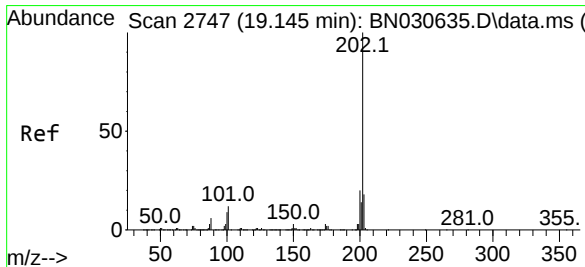
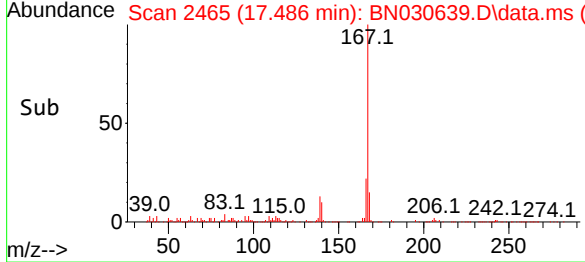
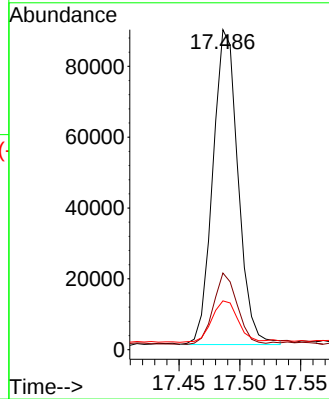
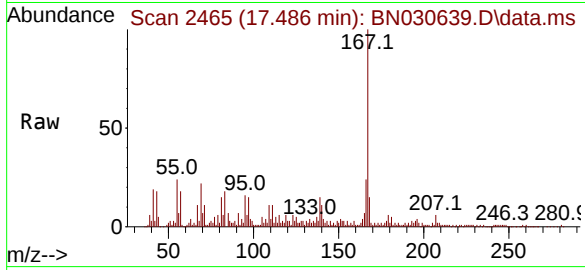
#77
 Carbazole
 Concen: 1.778 ng/ul
 RT: 17.486 min Scan# 2465
 Delta R.T. -0.006 min
 Lab File: BN030639.D
 Acq: 03 Apr 2024 22:44

Instrument :
 BNA_N
 ClientSampleId :
 E0LY5

Tgt Ion:167 Resp: 128492
 Ion Ratio Lower Upper
 167 100
 166 23.9 16.6 24.8
 139 15.2 10.5 15.7

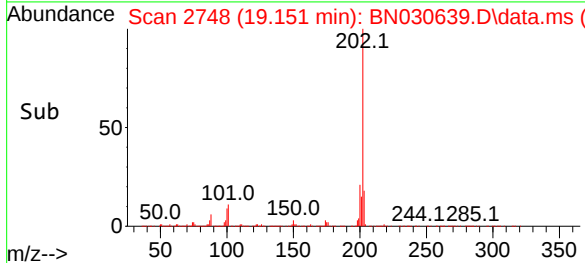
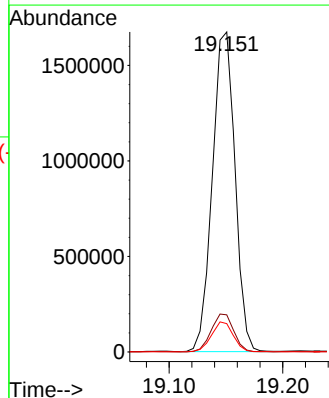
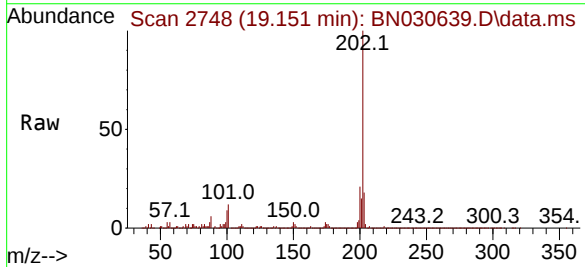
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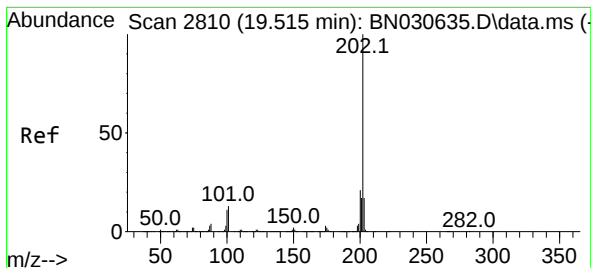
Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024



#80
 Fluoranthene
 Concen: 35.419 ng/ul
 RT: 19.151 min Scan# 2748
 Delta R.T. -0.001 min
 Lab File: BN030639.D
 Acq: 03 Apr 2024 22:44

Tgt Ion:202 Resp: 2318670
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.0 13.6
 100 8.8 6.8 10.2





#82

Pyrene

Concen: 27.444 ng/ul

RT: 19.515 min Scan# 2810

Delta R.T. -0.001 min

Lab File: BN030639.D

Acq: 03 Apr 2024 22:44

Instrument :

BNA_N

ClientSampleId :

EOLY5

Tgt Ion:202 Resp: 189736

Ion Ratio Lower Upper

202 100

101 14.0 11.3 16.9

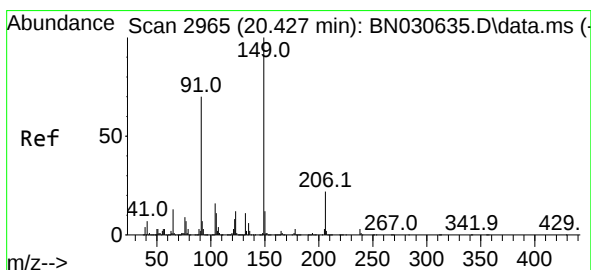
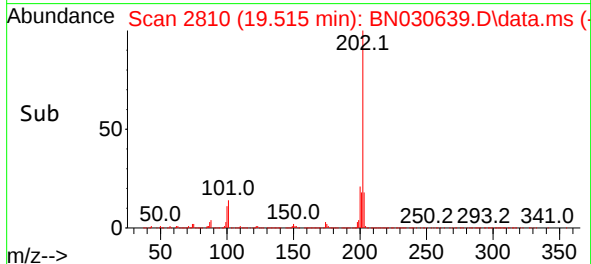
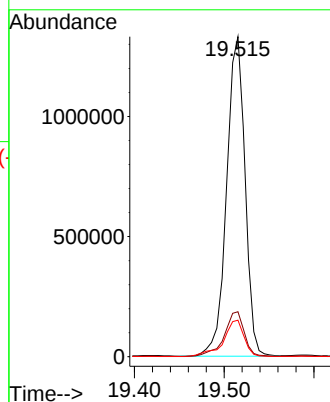
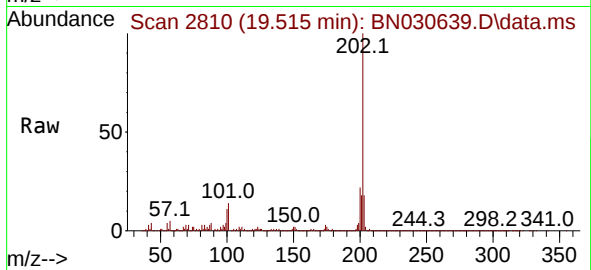
100 11.4 9.2 13.8

Manual Integrations

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Reviewed By :Yogesh Patel 04/04/2024

Supervised By :mohammad ahmed 04/06/2024



#83

Butylbenzylphthalate

Concen: 2.103 ng/ul

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BN030639.D

Acq: 03 Apr 2024 22:44

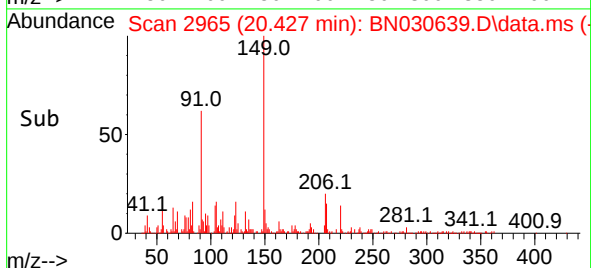
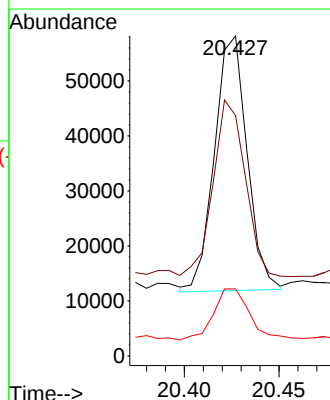
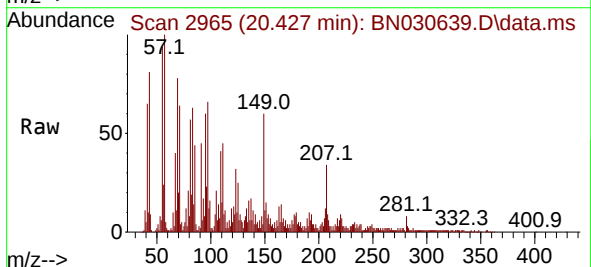
Tgt Ion:149 Resp: 55535

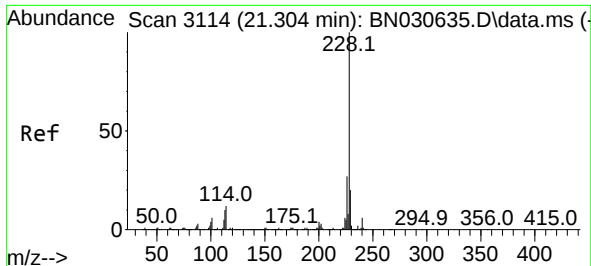
Ion Ratio Lower Upper

149 100

91 75.1 58.2 87.2

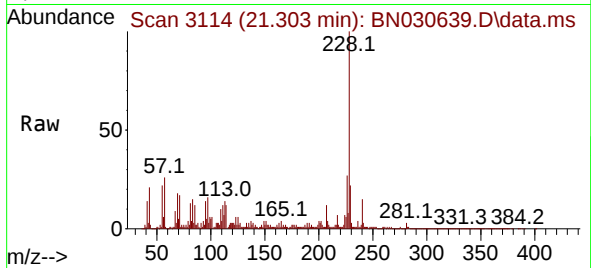
206 20.9 15.4 23.0





#85
Benzo(a)anthracene
Concen: 10.431 ng/ul
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

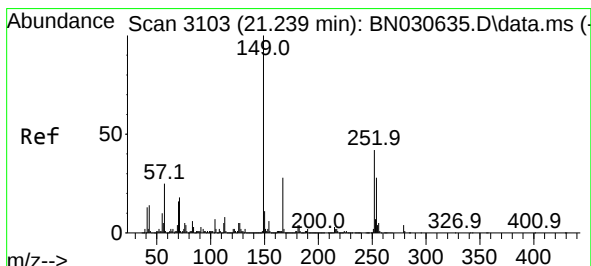
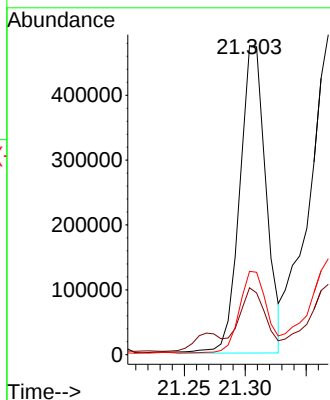
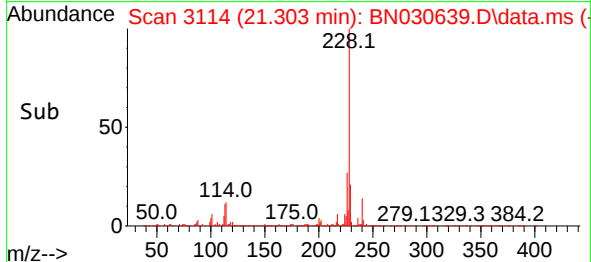
Instrument :
BNA_N
ClientSampleId :
EOLY5



Tgt Ion:228 Resp: 71304
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 27.0 20.5 30.7

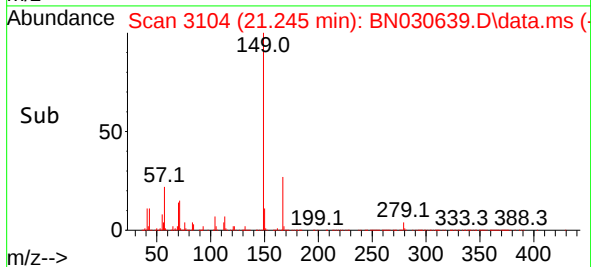
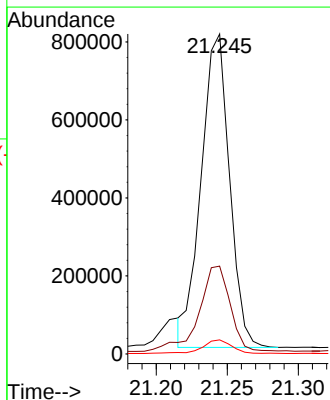
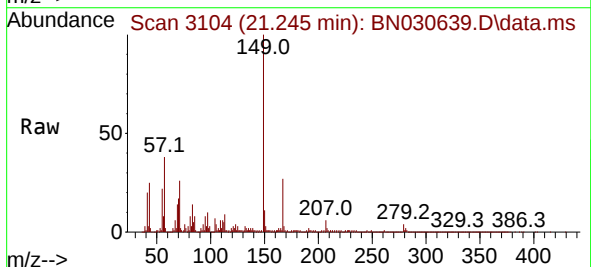
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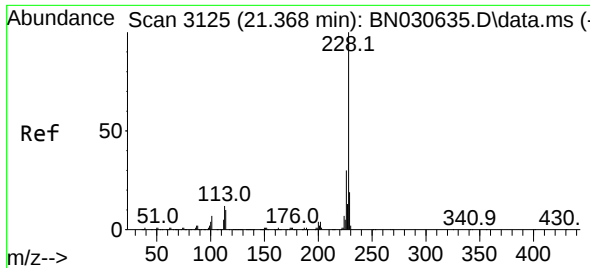
Reviewed By :Yogesh Patel 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 28.685 ng/ul
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

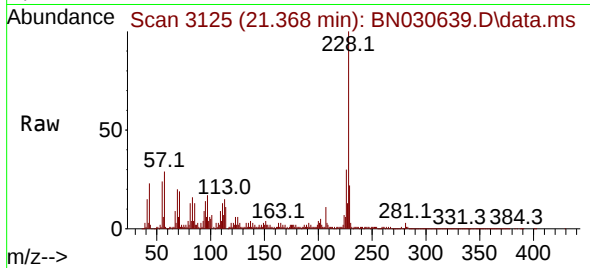
Tgt Ion:149 Resp: 1116897
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.4 3.5 5.3





#87
Chrysene
Concen: 13.165 ng/u1
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44

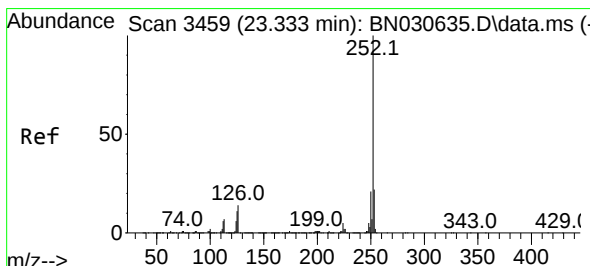
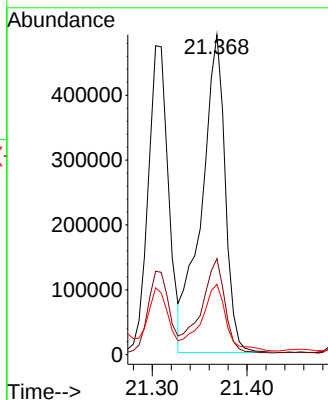
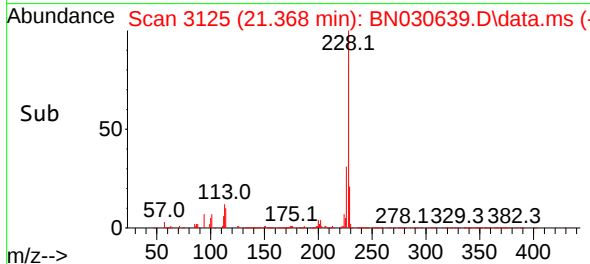
Instrument :
BNA_N
ClientSampleId :
EOLY5



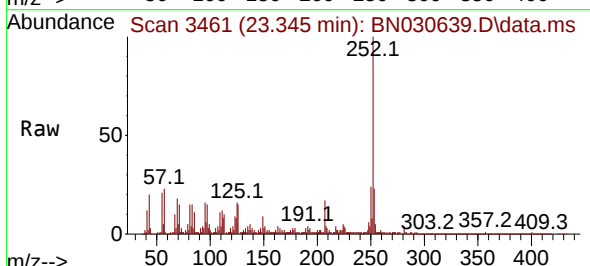
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Ion Ratio Lower Upper
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226 30.0 24.3 36.5
229 22.0 15.9 23.9

Manual Integrations
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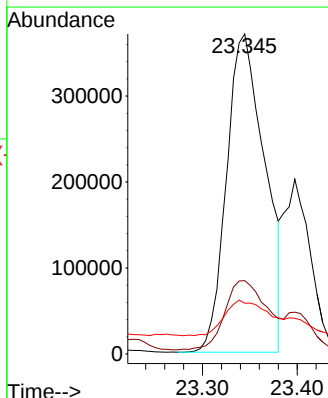
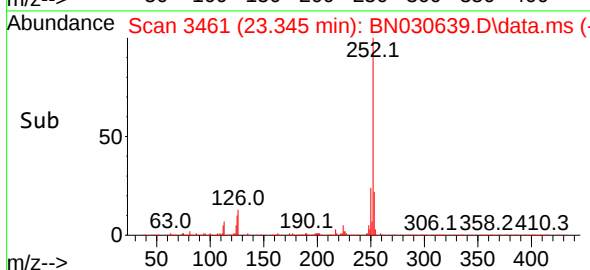
Reviewed By :Yogesh Patel 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

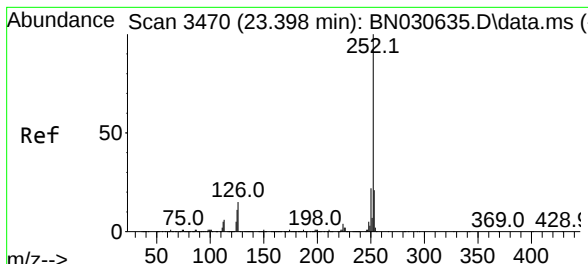


#90
Benzo(b)fluoranthene
Concen: 15.923 ng/u1
RT: 23.345 min Scan# 3461
Delta R.T. -0.001 min
Lab File: BN030639.D
Acq: 03 Apr 2024 22:44



Tgt Ion:252 Resp: 1040679
Ion Ratio Lower Upper
252 100
253 22.9 16.7 25.1
125 15.8 8.5 12.7#





#91
 Benzo(k)fluoranthene
 Concen: 5.964 ng/ul m
 RT: 23.397 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BN030639.D
 Acq: 03 Apr 2024 22:44

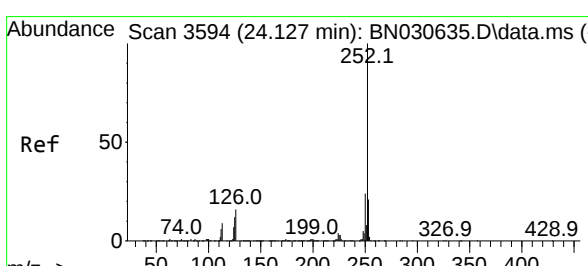
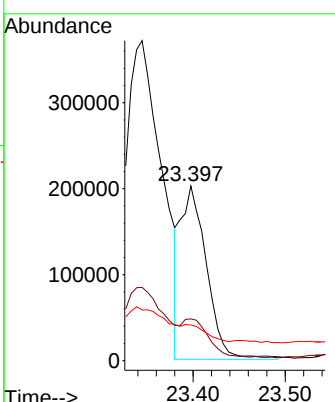
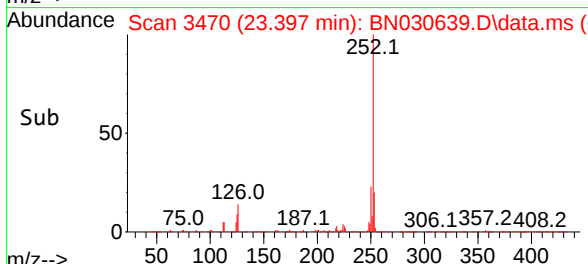
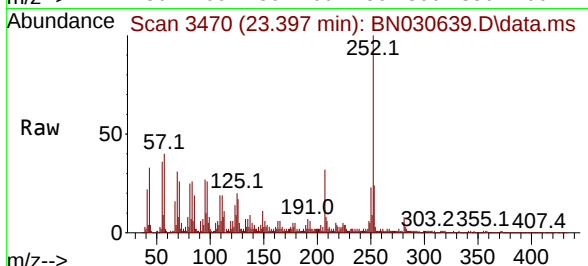
Instrument :
 BNA_N
 ClientSampleId :
 EOLY5

Tgt Ion:252 Resp: 395864

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.9	25.3
125	20.4	8.5	12.7

Manual Integrations
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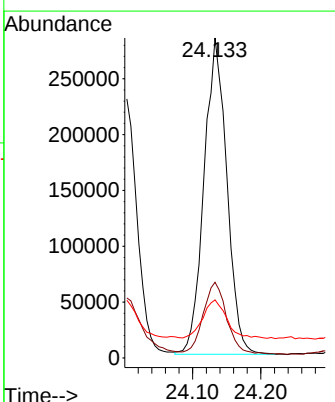
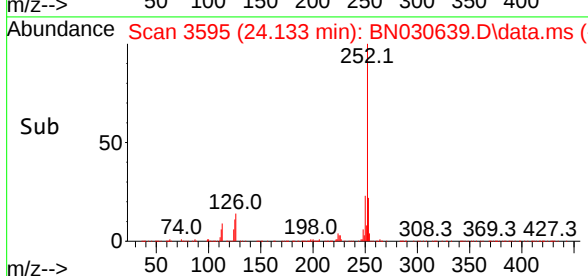
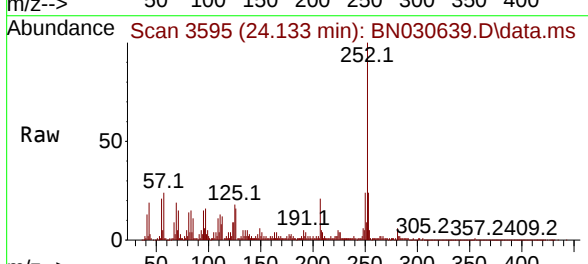
Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

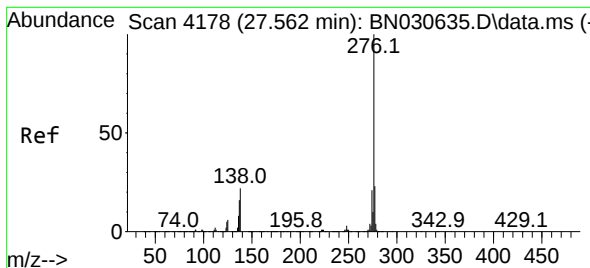


#93
 Benzo(a)pyrene
 Concen: 10.701 ng/ul
 RT: 24.133 min Scan# 3595
 Delta R.T. -0.006 min
 Lab File: BN030639.D
 Acq: 03 Apr 2024 22:44

Tgt Ion:252 Resp: 660675

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.7	25.1
125	18.2	9.6	14.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.247 ng/ul

RT: 27.580 min Scan# 4181

Delta R.T. -0.006 min

Lab File: BN030639.D

Acq: 03 Apr 2024 22:44

Instrument :

BNA_N

ClientSampleId :

EOLY5

Tgt Ion:276 Resp: 550394

Ion Ratio Lower Upper

276 100

138 22.8 17.8 26.8

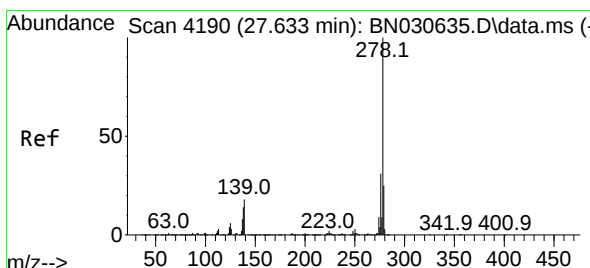
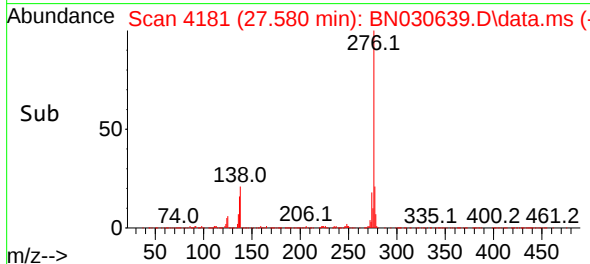
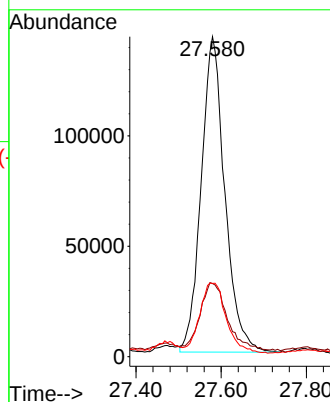
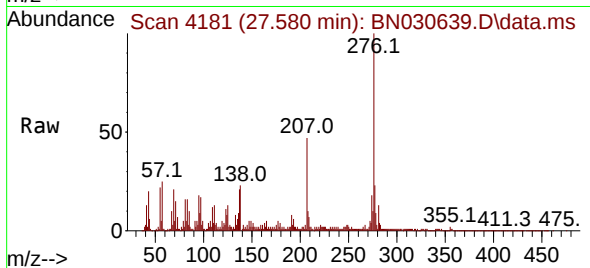
277 22.9 18.4 27.6

Manual Integrations

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Reviewed By :Yogesh Patel 04/04/2024

Supervised By :mohammad ahmed 04/06/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.319 ng/ul

RT: 27.627 min Scan# 4189

Delta R.T. -0.024 min

Lab File: BN030639.D

Acq: 03 Apr 2024 22:44

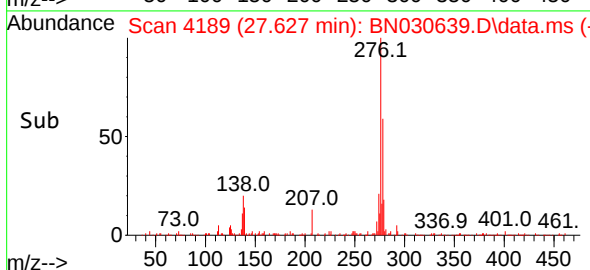
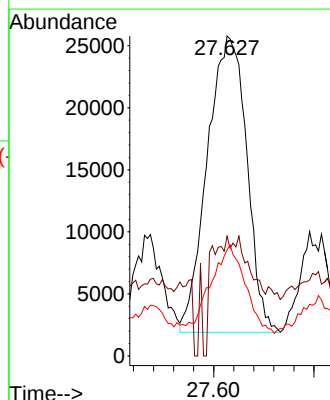
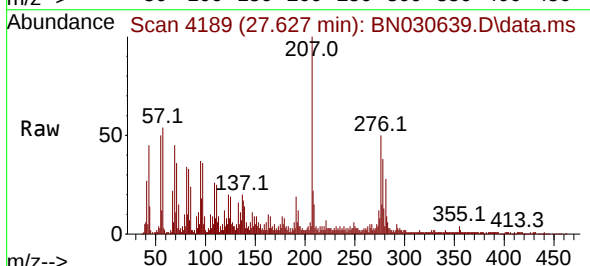
Tgt Ion:278 Resp: 130276

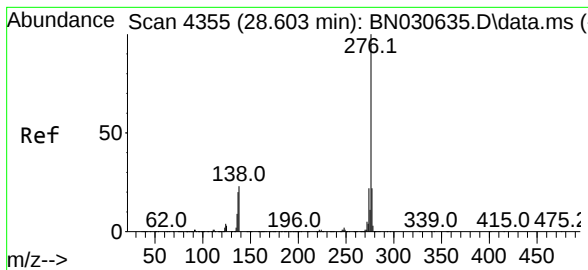
Ion Ratio Lower Upper

278 100

139 37.4 13.2 19.8#

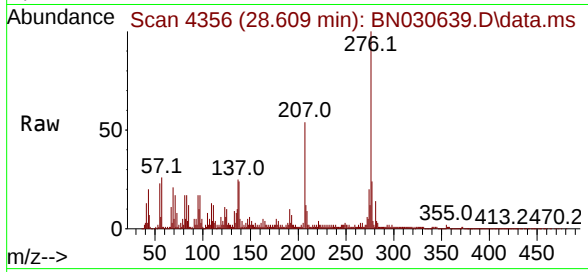
279 33.2 17.4 26.2#





#96
 Benzo(g,h,i)perylene
 Concen: 9.670 ng/ul
 RT: 28.609 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN030639.D
 Acq: 03 Apr 2024 22:44

Instrument :
 BNA_N
 ClientSampleId :
 E0LY5



Tgt Ion: 276 Resp: 50667

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	23.8	20.1	30.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

