

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034639.D
 Acq On : 18 Oct 2024 02:29
 Operator : RC/JU
 Sample : P4346-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOAX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 03:13:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	303216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1164862	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	609547	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.040	188	1103039	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1019598	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1261070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24631	3.251	ng/uL	0.00
4) Pyridine-d5	3.605	84	328750	14.859	ng/u1	0.00
7) Phenol-d5	6.834	99	417578	16.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	261115	17.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	338988	17.635	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	322714	16.641	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	155944	19.237	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	125360	19.570	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	256004	17.339	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	403629	15.936	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	740327	19.198	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	914638	19.095	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	68762	9.572	ng/u1	0.00
60) Fluorene-d10	15.293	176	636797	19.093	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	18574	5.024	ng/u1	0.00
73) Anthracene-d10	17.139	188	950394	20.156	ng/u1	0.00
81) Pyrene-d10	19.433	212	1053970	20.133	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1185891	20.409	ng/u1	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.016	152	63250	1.219	ng/u1	97
52) Acenaphthene	14.363	153	56721	1.573	ng/u1	96
56) Dibenzofuran	14.698	168	59782	1.248	ng/u1	99
61) Fluorene	15.345	166	75783	1.963	ng/u1	93
72) Phenanthrene	17.081	178	307782	5.590	ng/u1	99
74) Anthracene	17.175	178	120144	2.112	ng/u1	97
80) Fluoranthene	19.098	202	667654	10.630	ng/u1	98
82) Pyrene	19.463	202	504067	7.534	ng/u1	98
85) Benzo(a)anthracene	21.245	228	295518m	4.562	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.222	149	101584	2.610	ng/u1	98
87) Chrysene	21.304	228	327042	5.319	ng/u1	98
90) Benzo(b)fluoranthene	23.245	252	404928	5.976	ng/u1	99
91) Benzo(k)fluoranthene	23.304	252	136527m	1.972	ng/u1	
93) Benzo(a)pyrene	24.016	252	285386	4.350	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.380	276	188889	2.308	ng/u1	94
96) Benzo(g,h,i)perylene	28.380	276	167343	2.634	ng/u1	96

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

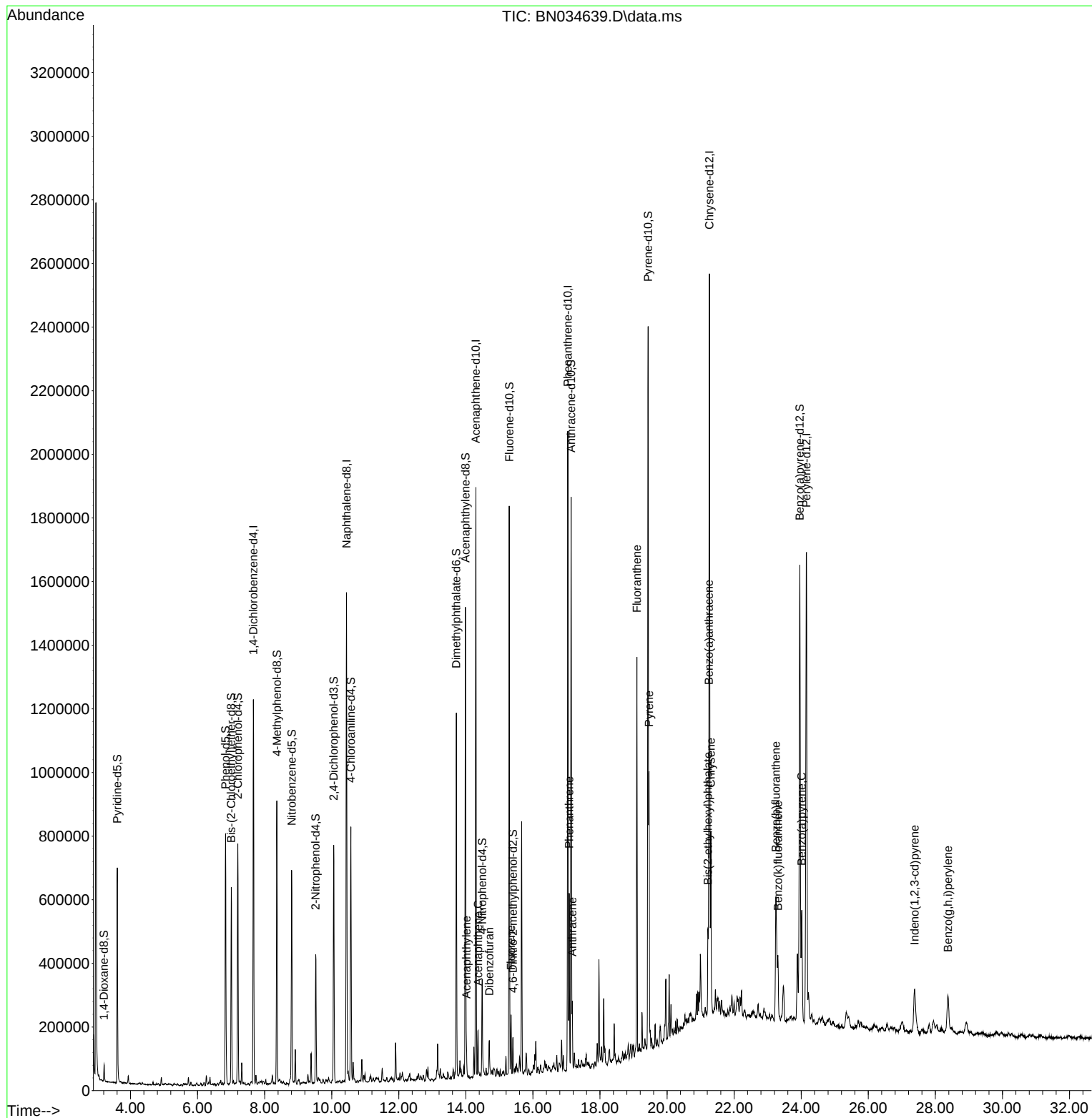
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034639.D
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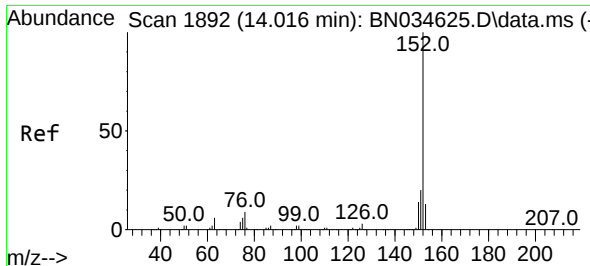
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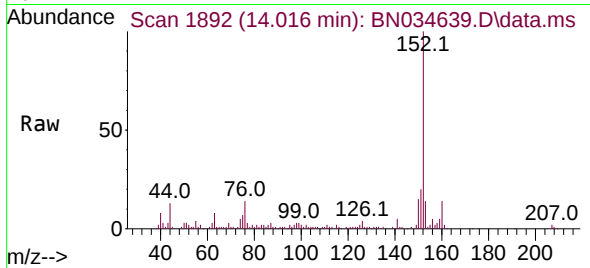
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024





#50
Acenaphthylene
Concen: 1.219 ng/ul
RT: 14.016 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29

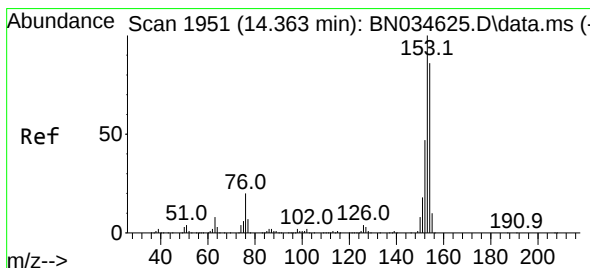
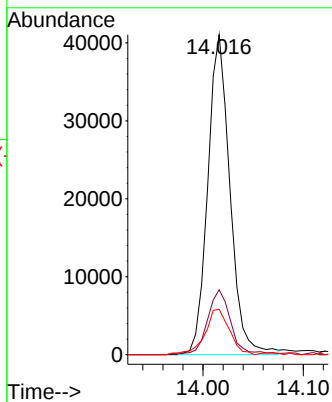
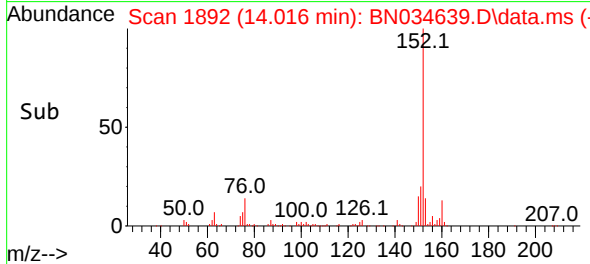
Instrument :
BNA_N
ClientSampleId :
EOAX7



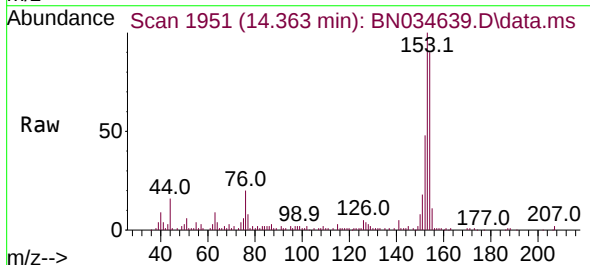
Tgt Ion:152 Resp: 63250
Ion Ratio Lower Upper
152 100
151 20.3 15.3 22.9
153 14.2 9.9 14.9

Manual Integrations
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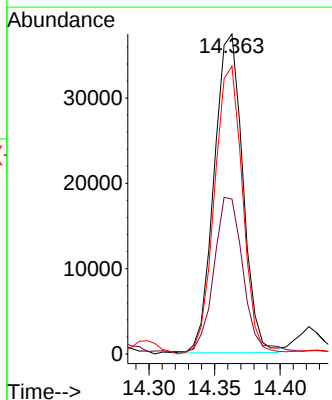
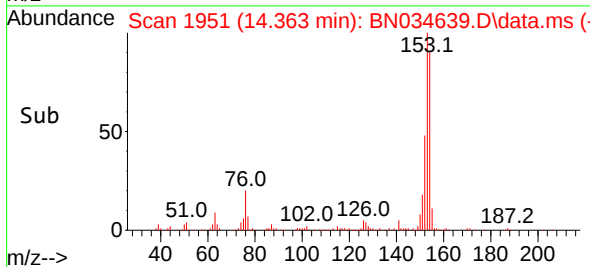
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

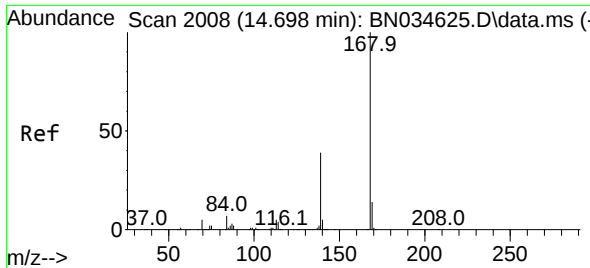


#52
Acenaphthene
Concen: 1.573 ng/ul
RT: 14.363 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29



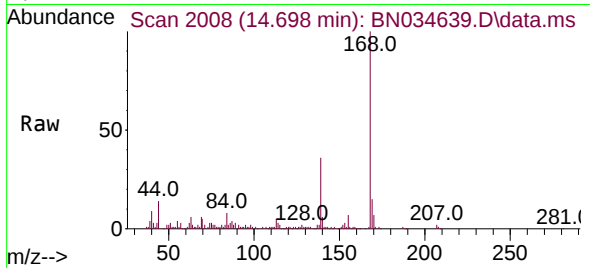
Tgt Ion:153 Resp: 56721
Ion Ratio Lower Upper
153 100
152 48.4 36.5 54.7
154 89.9 69.3 103.9





#56
Dibenzenofuran
Concen: 1.248 ng/ul
RT: 14.698 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29

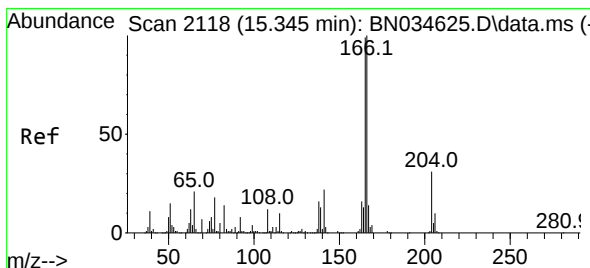
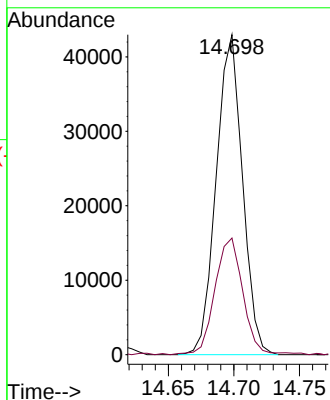
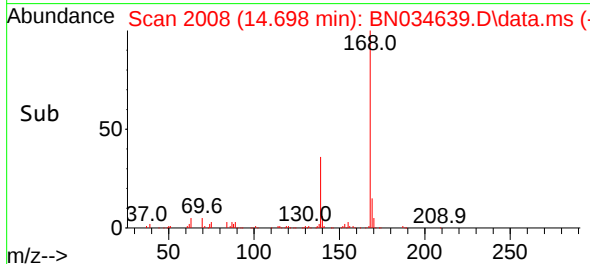
Instrument :
BNA_N
ClientSampleId :
EOAX7



Tgt Ion:168 Resp: 59782
Ion Ratio Lower Upper
168 100
139 36.5 29.7 44.5

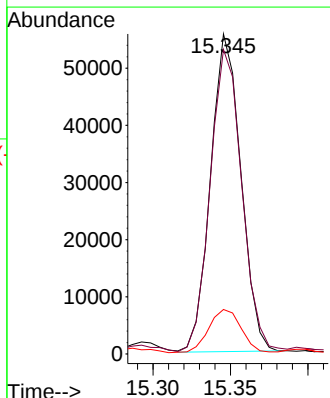
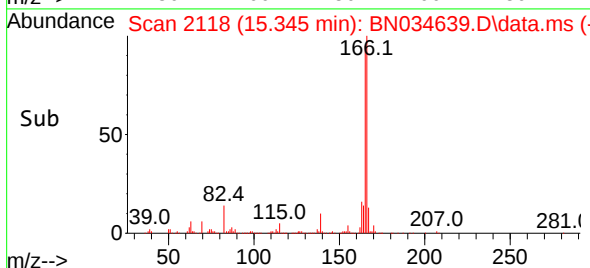
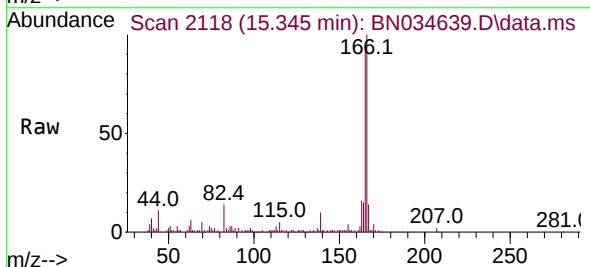
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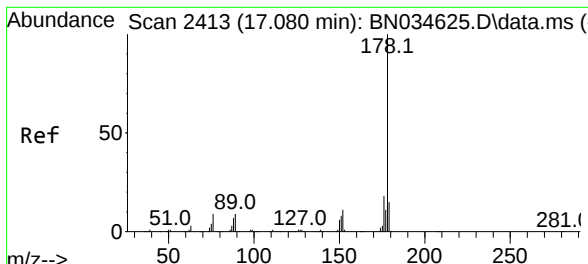
Reviewed By :Yogesh Patel 10/18/2024
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#61
Fluorene
Concen: 1.963 ng/ul
RT: 15.345 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29

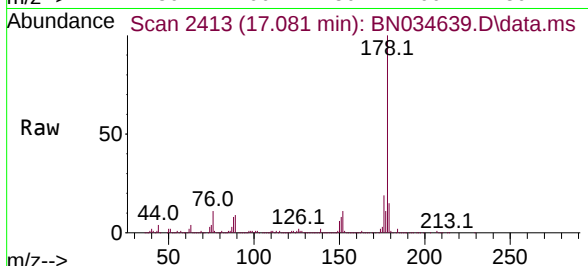
Tgt Ion:166 Resp: 75783
Ion Ratio Lower Upper
166 100
165 95.2 82.2 123.4
167 13.9 11.4 17.0





#72
 Phenanthrene
 Concen: 5.590 ng/ul
 RT: 17.081 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN034639.D
 Acq: 18 Oct 2024 02:29

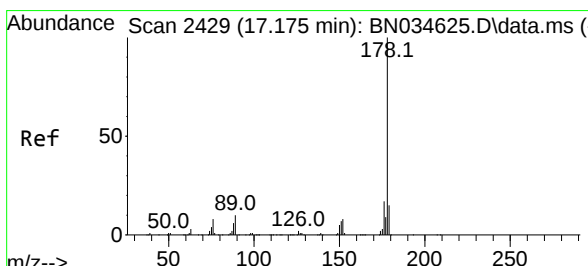
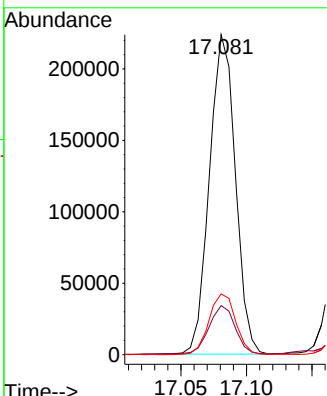
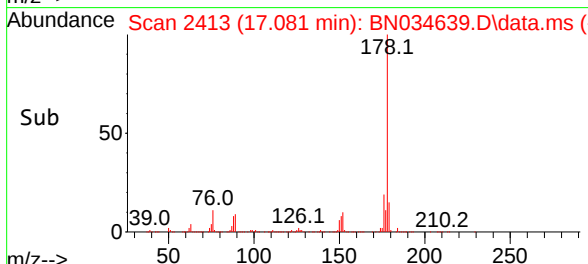
Instrument :
 BNA_N
 ClientSampleId :
 EOAX7



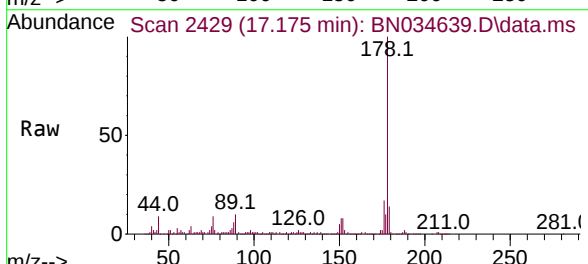
Tgt Ion:178 Resp: 30778
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.4
 176 19.0 15.5 23.3

Manual Integrations
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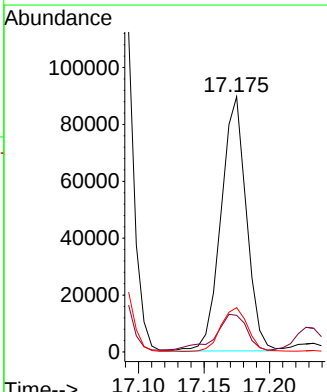
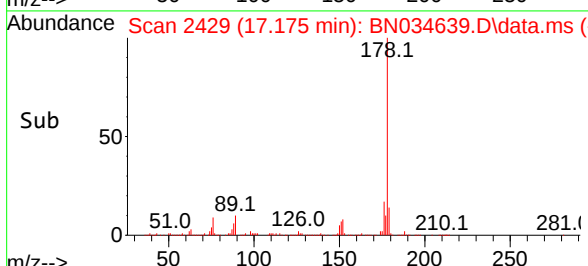
Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/21/2024

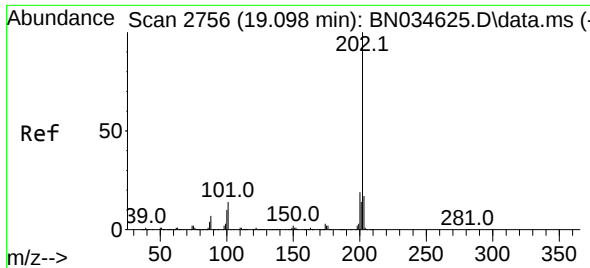


#74
 Anthracene
 Concen: 2.112 ng/ul
 RT: 17.175 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN034639.D
 Acq: 18 Oct 2024 02:29



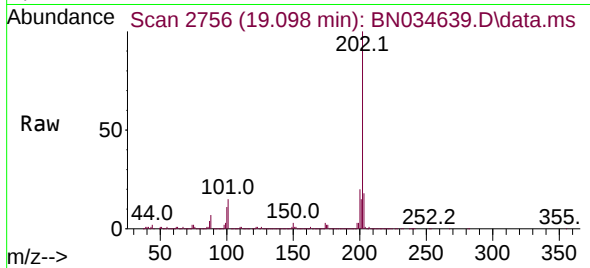
Tgt Ion:178 Resp: 120144
 Ion Ratio Lower Upper
 178 100
 179 14.4 12.9 19.3
 176 17.4 14.7 22.1





#80
Fluoranthene
Concen: 10.630 ng/u1
RT: 19.098 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29

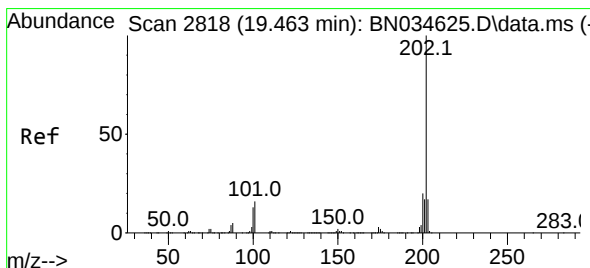
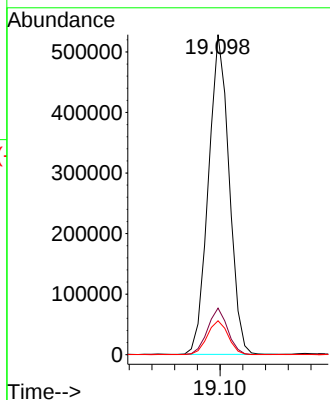
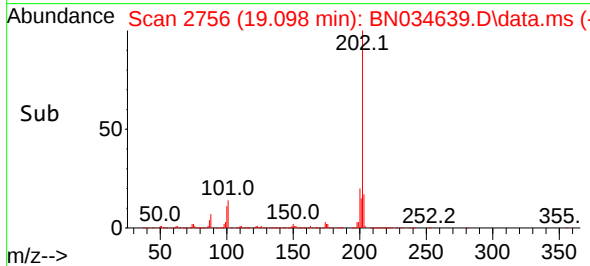
Instrument :
BNA_N
ClientSampleId :
EOAX7



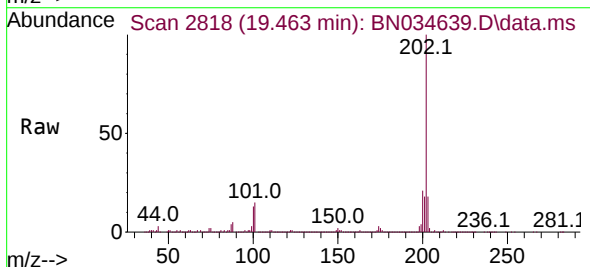
Tgt Ion:202 Resp: 667654
Ion Ratio Lower Upper
202 100
101 14.6 10.6 15.8
100 10.6 8.2 12.2

Manual Integrations
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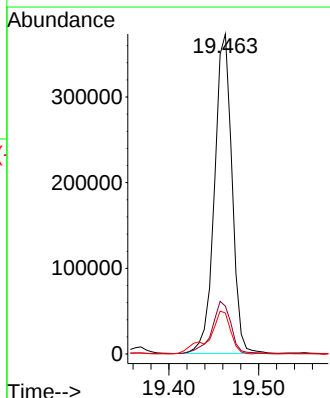
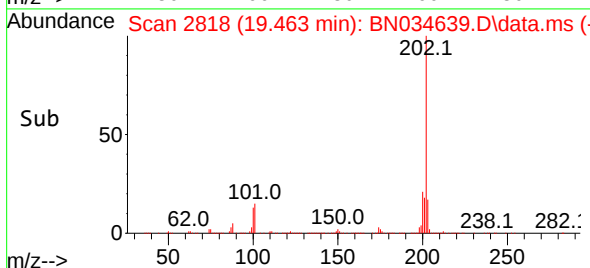
Reviewed By :Yogesh Patel 10/18/2024
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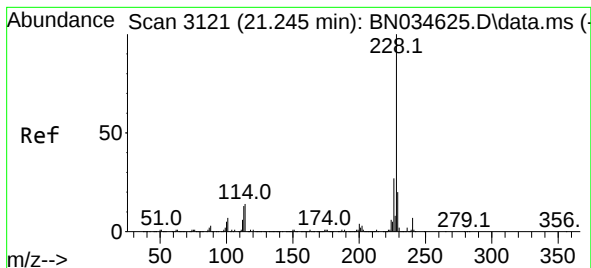


#82
Pyrene
Concen: 7.534 ng/u1
RT: 19.463 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29



Tgt Ion:202 Resp: 504067
Ion Ratio Lower Upper
202 100
101 15.0 12.9 19.3
100 12.8 10.7 16.1





#85

Benzo(a)anthracene

Concen: 4.562 ng/ul m

RT: 21.245 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN034639.D

Acq: 18 Oct 2024 02:29

Instrument :

BNA_N

ClientSampleId :

EOAX7

Tgt Ion:228 Resp: 295518

Ion Ratio Lower Upper

228 100

229 19.1 15.7 23.5

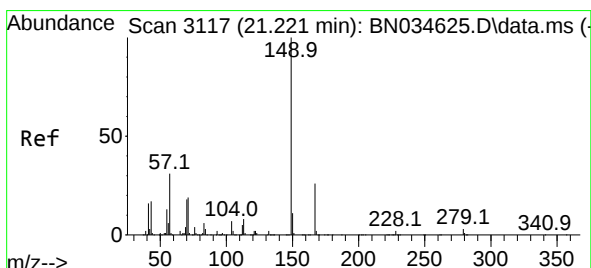
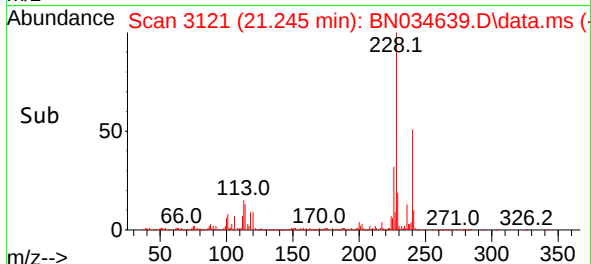
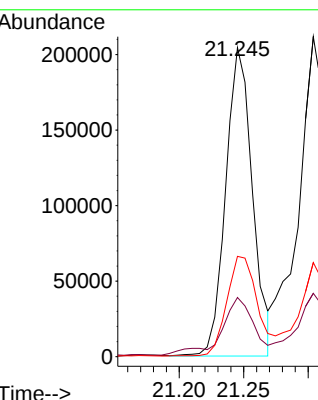
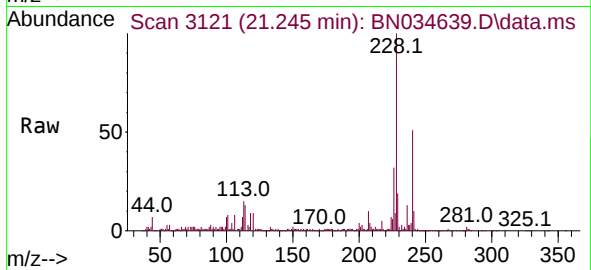
226 32.5 21.3 31.9

Manual Integrations

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Supervised By :mohammad ahmed 10/21/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.610 ng/ul

RT: 21.222 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BN034639.D

Acq: 18 Oct 2024 02:29

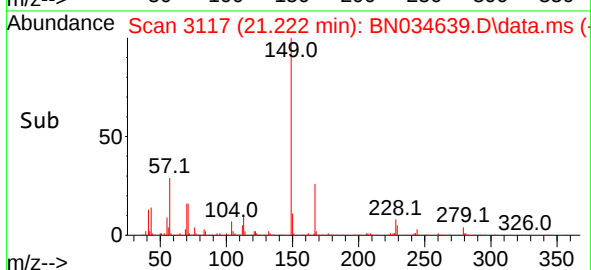
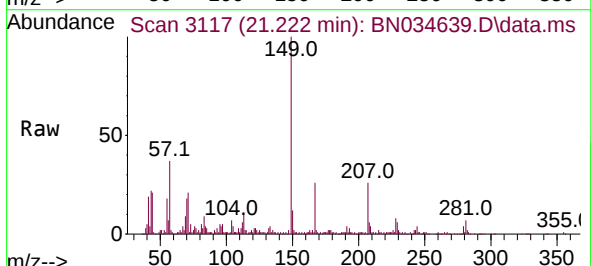
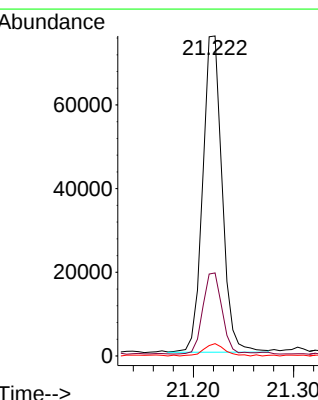
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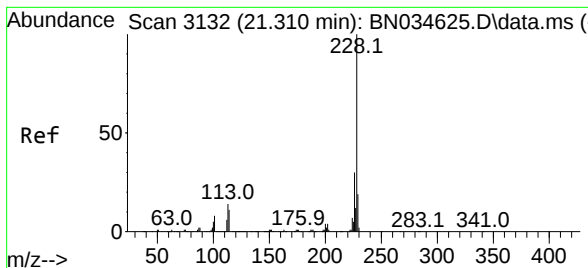
Ion Ratio Lower Upper

149 100

167 26.0 21.6 32.4

279 3.9 2.9 4.3





#87

Chrysene

Concen: 5.319 ng/ul

RT: 21.304 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BN034639.D

Acq: 18 Oct 2024 02:29

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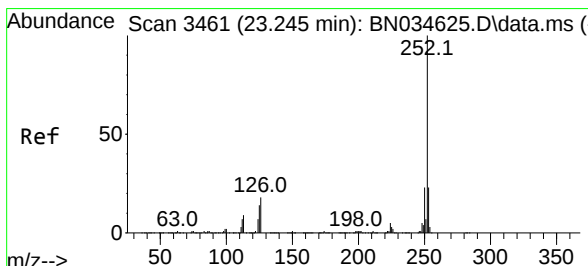
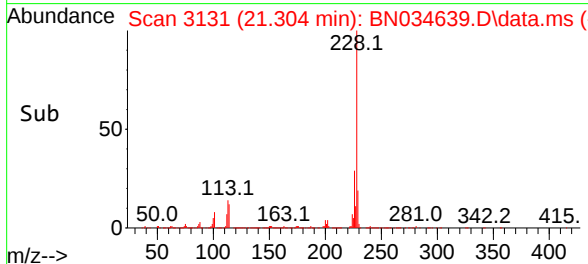
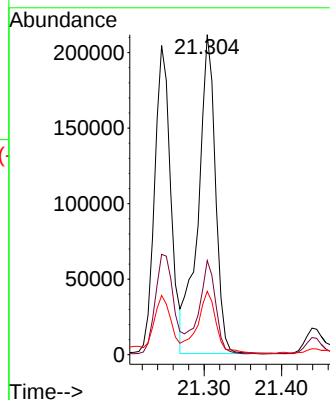
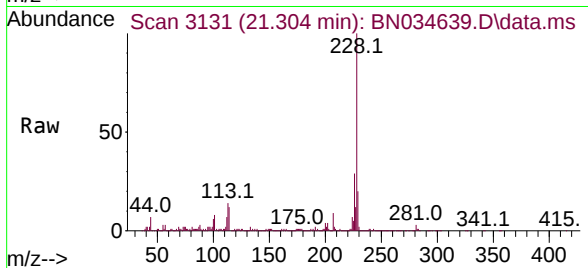
Tgt Ion:228	Resp: 32704
Ion Ratio	Lower Upper
228 100	
226 29.4	22.6 34.0
229 19.8	15.2 22.8

Manual Integrations

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Supervised By :mohammad ahmed 10/21/2024



#90

Benzo(b)fluoranthene

Concen: 5.976 ng/ul

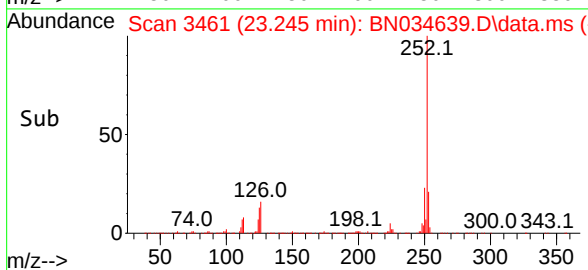
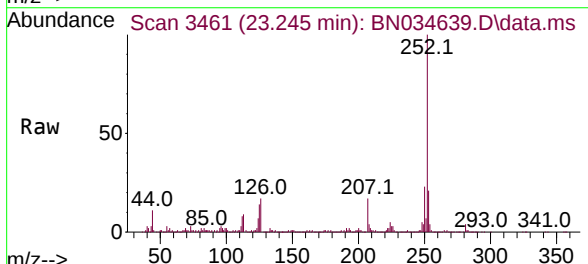
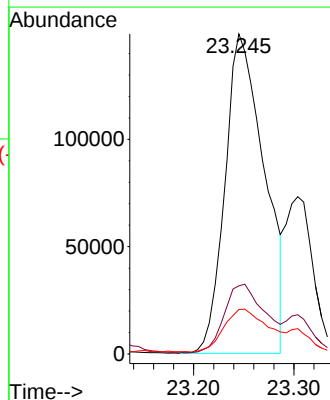
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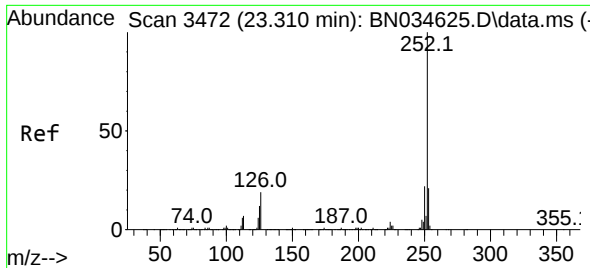
Delta R.T. -0.011 min

Lab File: BN034639.D

Acq: 18 Oct 2024 02:29

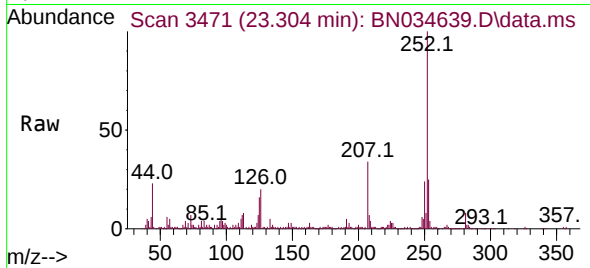
Tgt Ion:252	Resp: 404928
Ion Ratio	Lower Upper
252 100	
253 21.3	17.3 25.9
125 13.9	10.3 15.5





#91
Benzo(k)fluoranthene
Concen: 1.972 ng/ul m
RT: 23.304 min Scan# 3472
Delta R.T. -0.011 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29

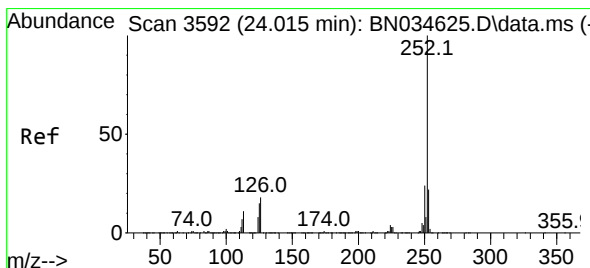
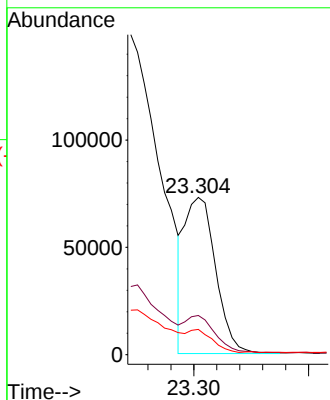
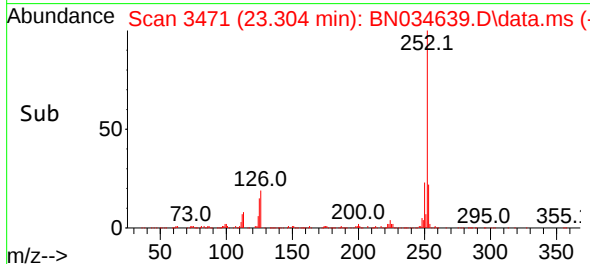
Instrument :
BNA_N
ClientSampleId :
EOAX7



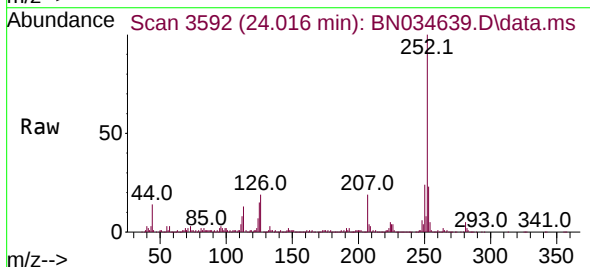
Tgt Ion:252 Resp: 136527
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 16.1 10.3 15.5

Manual Integrations
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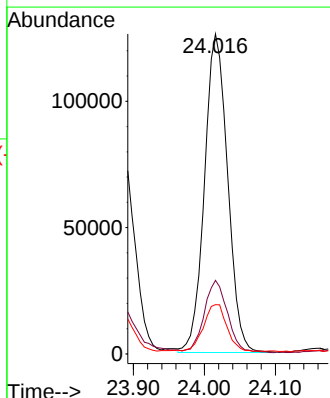
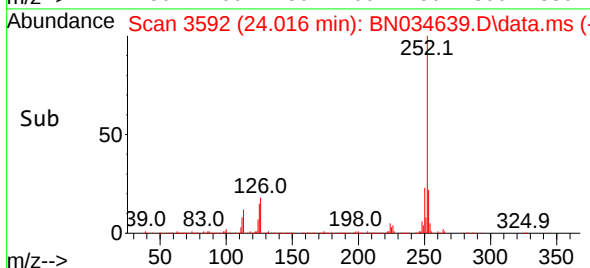
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

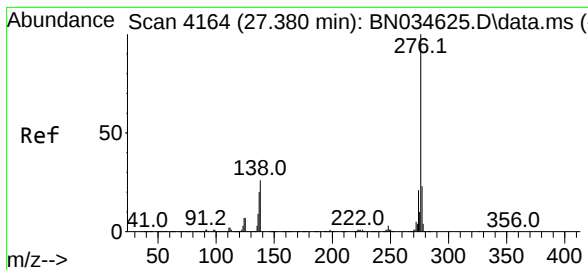


#93
Benzo(a)pyrene
Concen: 4.350 ng/ul
RT: 24.016 min Scan# 3592
Delta R.T. -0.011 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29



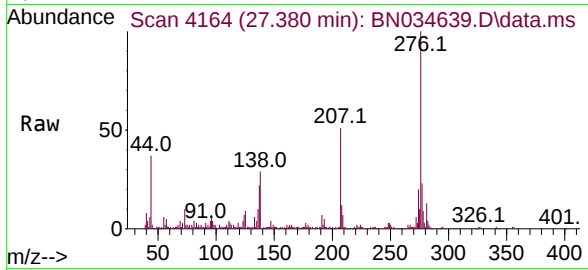
Tgt Ion:252 Resp: 285386
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 15.4 11.7 17.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.308 ng/ul
RT: 27.380 min Scan# 4164
Delta R.T. -0.011 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29

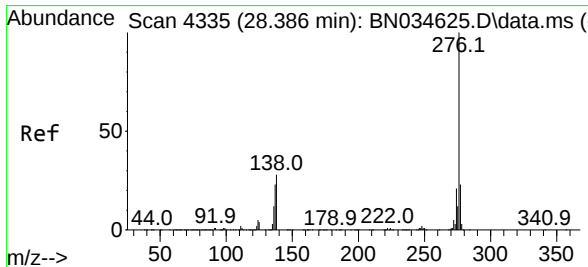
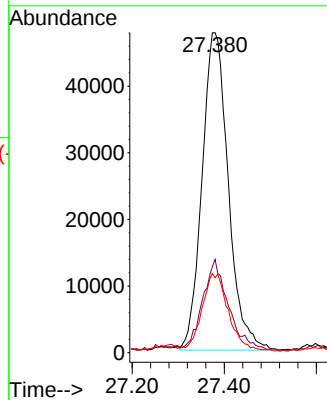
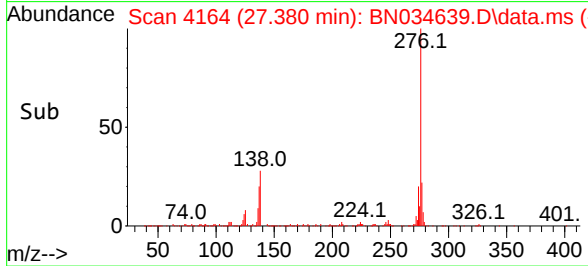
Instrument :
BNA_N
ClientSampleId :
EOAX7



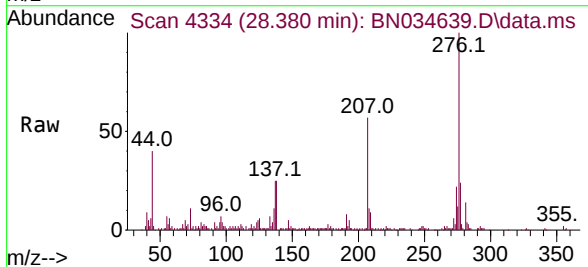
Tgt Ion:276 Resp: 188889
Ion Ratio Lower Upper
276 100
138 29.1 19.5 29.3
277 23.4 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024



#96
Benzo(g,h,i)perylene
Concen: 2.634 ng/ul
RT: 28.380 min Scan# 4334
Delta R.T. -0.011 min
Lab File: BN034639.D
Acq: 18 Oct 2024 02:29



Tgt Ion:276 Resp: 167343
Ion Ratio Lower Upper
276 100
138 25.0 21.9 32.9
277 24.3 18.3 27.5

