

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031214.D
 Acq On : 25 Apr 2024 08:45
 Operator : MA/JU
 Sample : P2104-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 09:15:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	296851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1333822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	845094	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1769185	20.000	ng/u1	0.00
79) Chrysene-d12	21.275	240	1388521	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1471492	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21000	3.305	ng/uL	0.00
4) Pyridine-d5	3.552	84	202849	11.086	ng/u1	0.00
7) Phenol-d5	6.811	99	501270	20.018	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	289506	19.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	429445	22.026	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	384803	18.272	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	210640	21.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	231216	23.210	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	410252	20.883	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	451571	14.710	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1239303	21.074	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1475986	22.148	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	201328	16.402	ng/u1	0.01
60) Fluorene-d10	15.281	176	1123660	21.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	42024	4.708	ng/u1	0.00
73) Anthracene-d10	17.134	188	1778478	23.193	ng/u1	0.00
81) Pyrene-d10	19.439	212	2022870	29.647	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1662985	23.832	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.840	94	31107	1.205	ng/u1	94
16) Acetophenone	8.458	105	129890	3.981	ng/u1	97
50) Acenaphthylene	14.004	152	97874	1.257	ng/u1	99
72) Phenanthrene	17.075	178	315457	3.371	ng/u1	99
74) Anthracene	17.163	178	138741	1.465	ng/u1	99
80) Fluoranthene	19.098	202	863002	10.687	ng/u1	98
82) Pyrene	19.469	202	783437	9.234	ng/u1	97
85) Benzo(a)anthracene	21.257	228	708821	7.518	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	167448	2.979	ng/u1	99
87) Chrysene	21.316	228	711401	7.948	ng/u1	99
90) Benzo(b)fluoranthene	23.263	252	1075913	12.995	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	371052m	4.456	ng/u1	
93) Benzo(a)pyrene	24.045	252	639462	7.742	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.439	276	410674	4.007	ng/u1	93
95) Dibenzo(a,h)anthracene	27.474	278	117876	1.401	ng/u1#	85
96) Benzo(g,h,i)perylene	28.462	276	329838	3.996	ng/u1	99

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

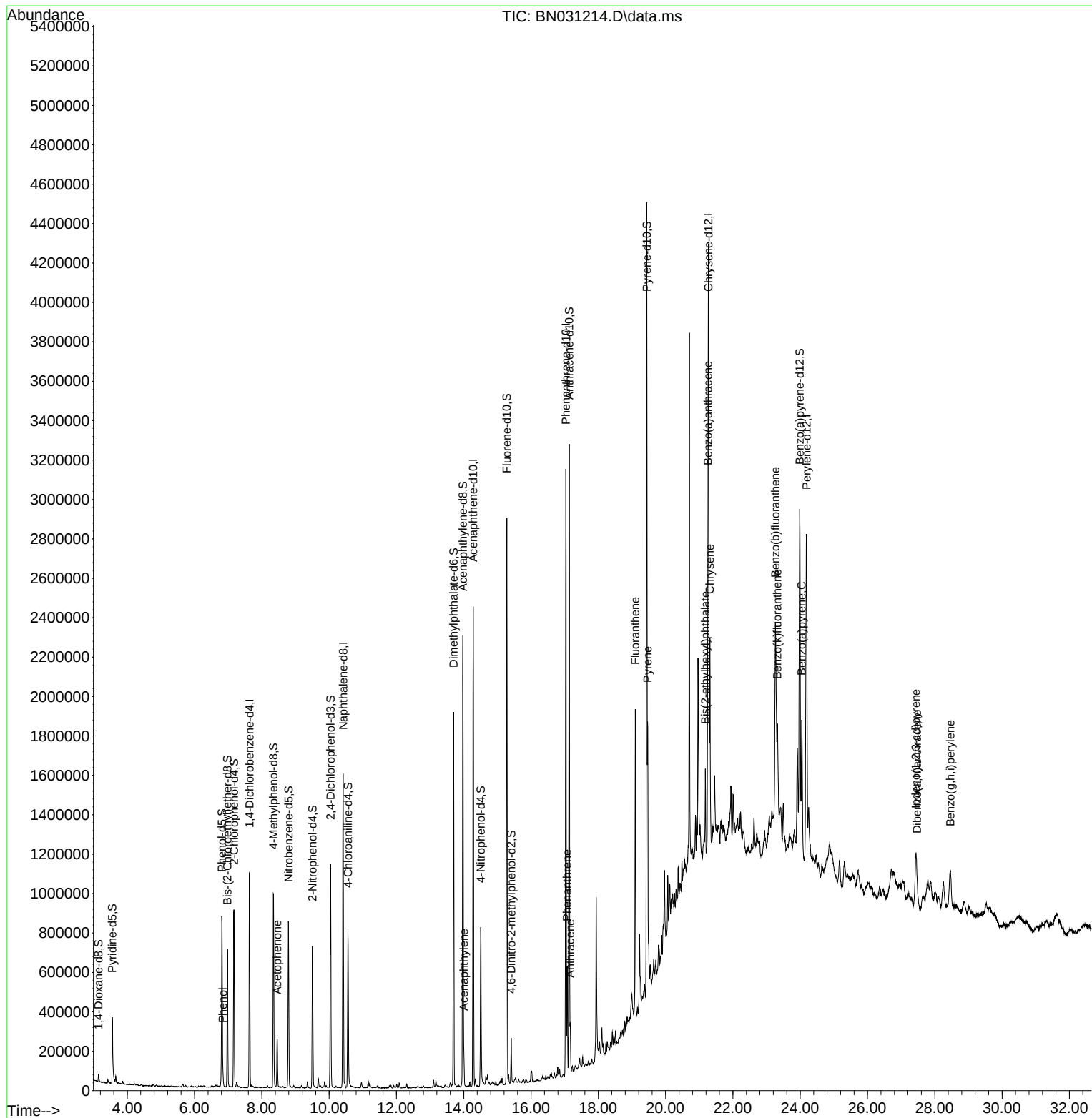
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031214.D
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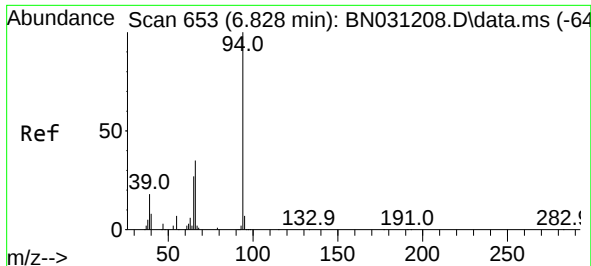
Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Quant Time: Apr 25 09:15:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
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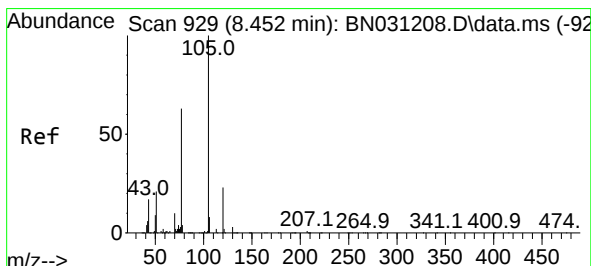
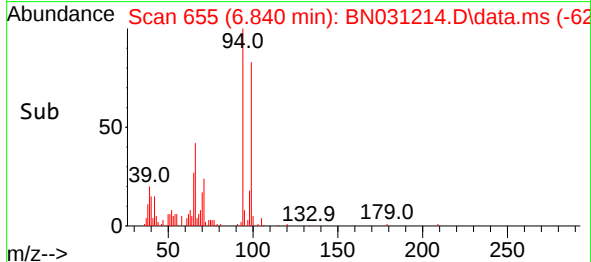
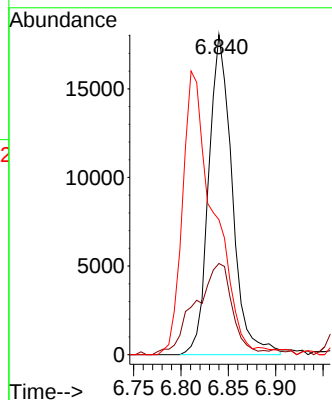
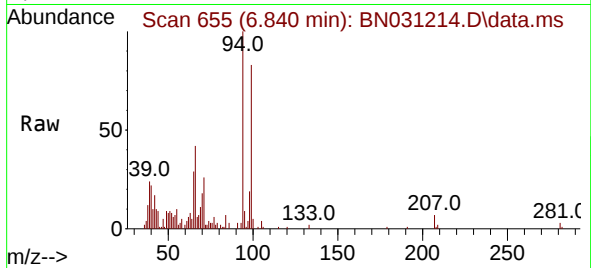
#8
Phenol
Concen: 1.205 ng/ul
RT: 6.840 min Scan# 611
Delta R.T. 0.006 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tgt Ion: 94 Resp: 3110
Ion Ratio Lower Upper
94 100
65 28.5 22.0 33.0
66 42.2 29.8 44.6

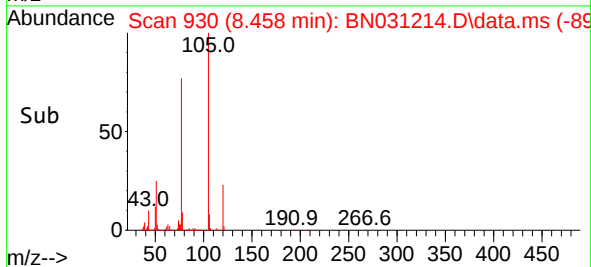
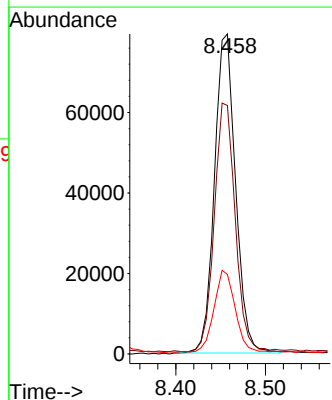
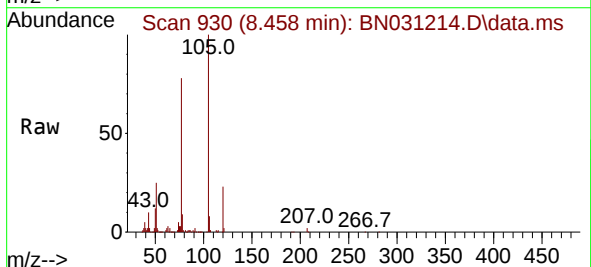
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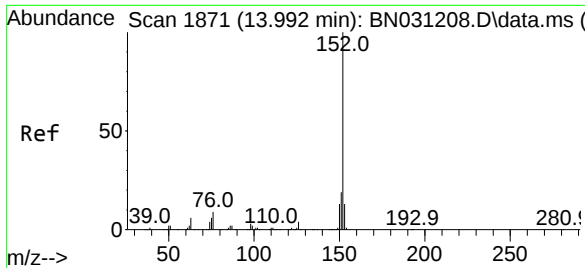
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Acetophenone
Concen: 3.981 ng/ul
RT: 8.458 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

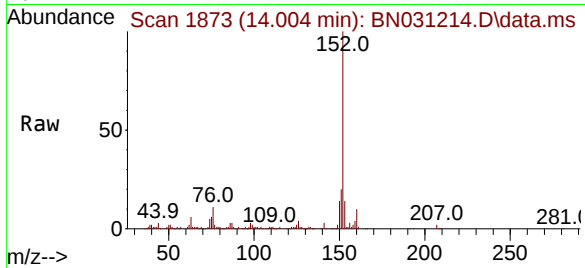
Tgt Ion:105 Resp: 129890
Ion Ratio Lower Upper
105 100
77 77.7 60.2 90.4
51 24.8 20.6 31.0





#50
Acenaphthylene
Concen: 1.257 ng/ul
RT: 14.004 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

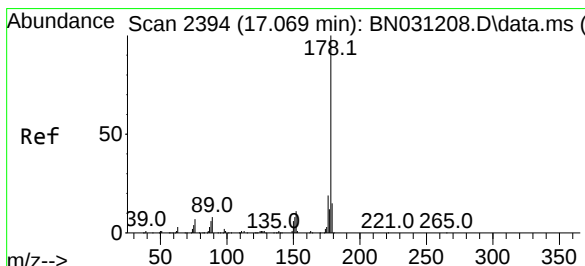
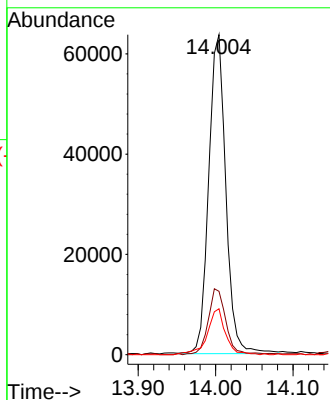
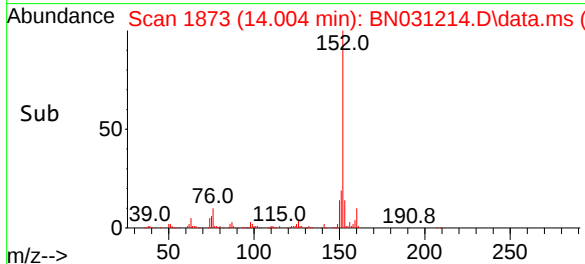
Instrument :
BNA_N
ClientSampleId :
C0AA9



Tgt Ion:152 Resp: 97874
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 14.4 10.5 15.7

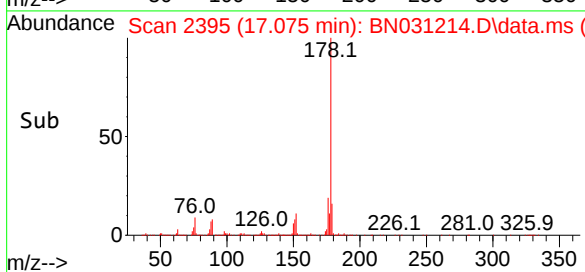
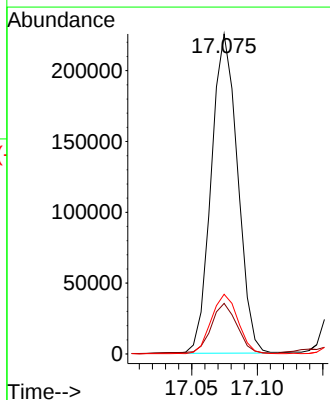
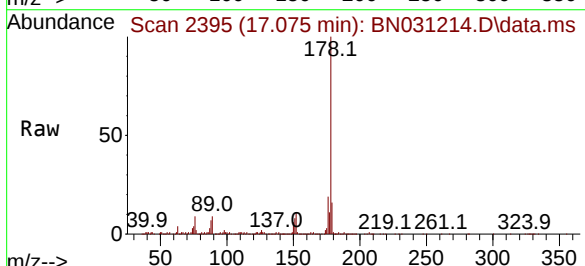
Manual Integrations
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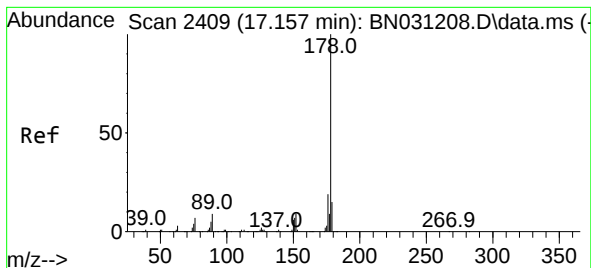
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#72
Phenanthrene
Concen: 3.371 ng/ul
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

Tgt Ion:178 Resp: 315457
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.6 14.6 21.8





#74

Anthracene

Concen: 1.465 ng/ul

RT: 17.163 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BN031214.D

Acq: 25 Apr 2024 08:45

Instrument :

BNA_N

ClientSampleId :

C0AA9

Tgt Ion:178 Resp: 13874

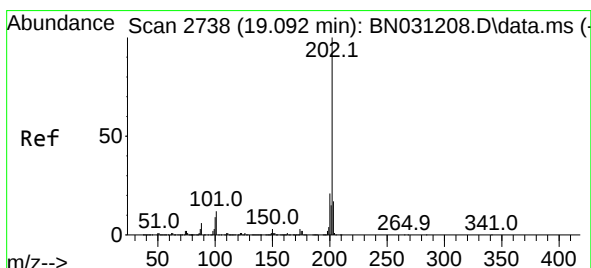
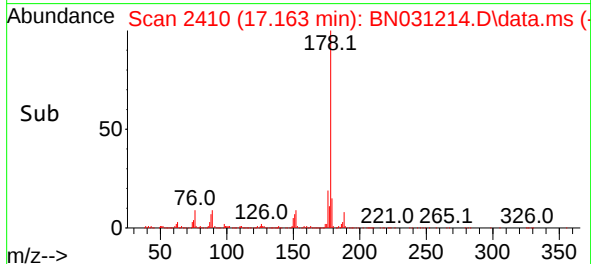
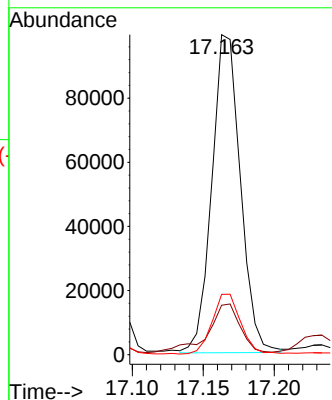
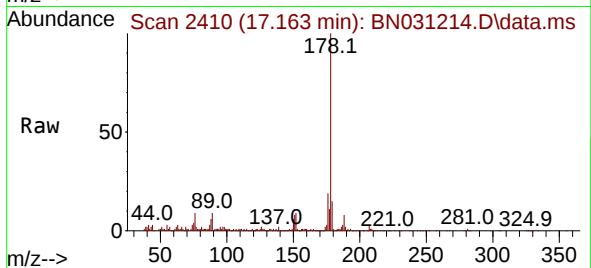
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.9	14.4	21.6

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Fluoranthene

Concen: 10.687 ng/ul

RT: 19.098 min Scan# 2739

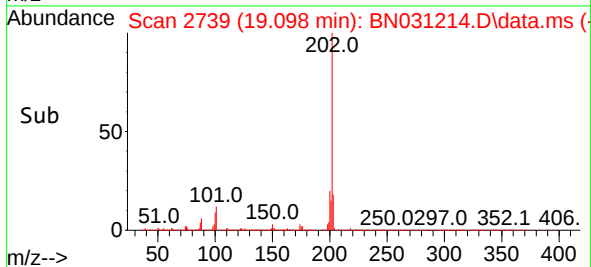
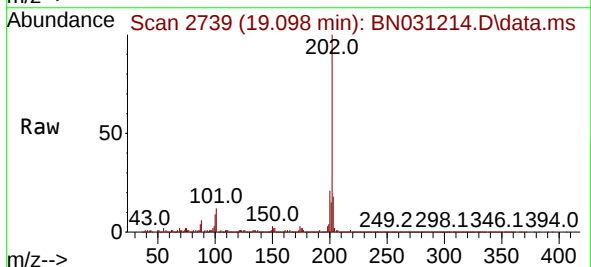
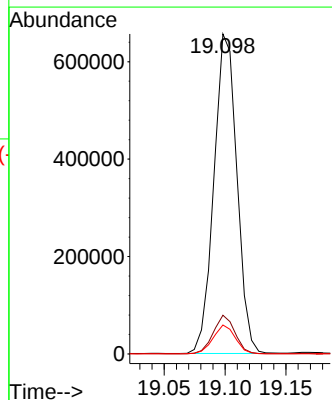
Delta R.T. 0.000 min

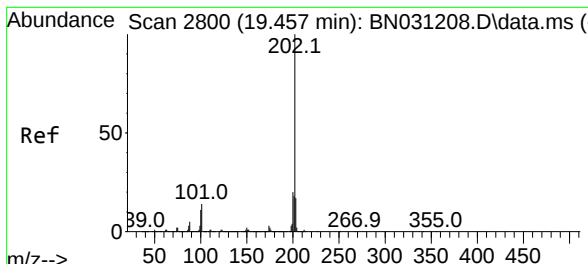
Lab File: BN031214.D

Acq: 25 Apr 2024 08:45

Tgt Ion:202 Resp: 863002

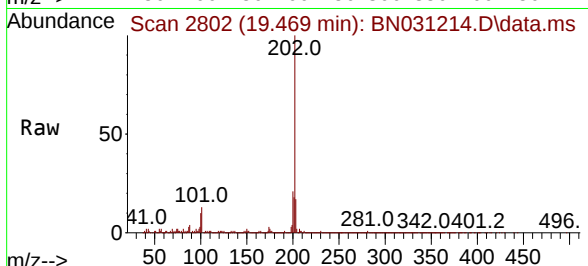
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.0	13.6
100	9.0	6.9	10.3





#82
 Pyrene
 Concen: 9.234 ng/ul
 RT: 19.469 min Scan# 2106
 Delta R.T. 0.006 min
 Lab File: BN031214.D
 Acq: 25 Apr 2024 08:45

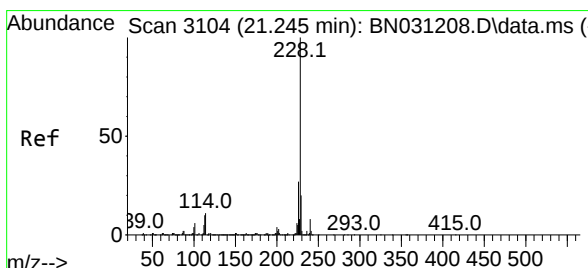
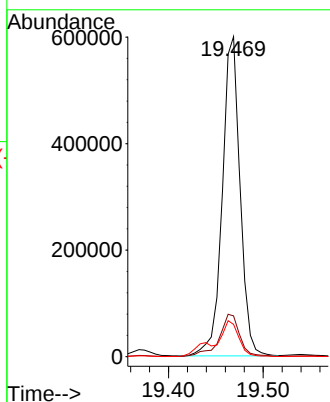
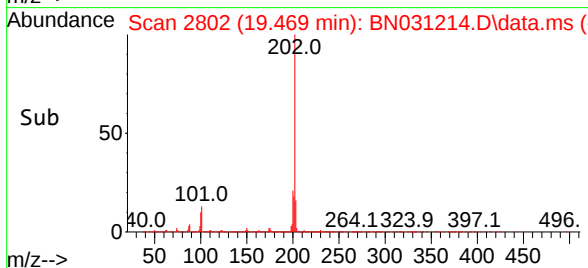
Instrument :
 BNA_N
 ClientSampleId :
 C0AA9



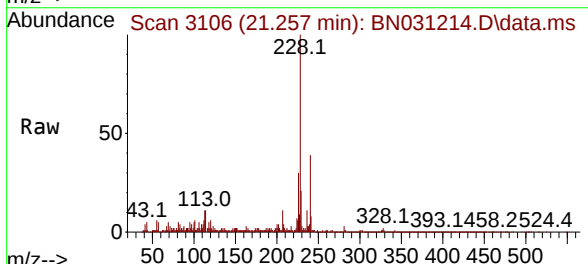
Tgt Ion:202 Resp: 78343
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.1 16.7
 100 10.1 9.3 13.9

Manual Integrations
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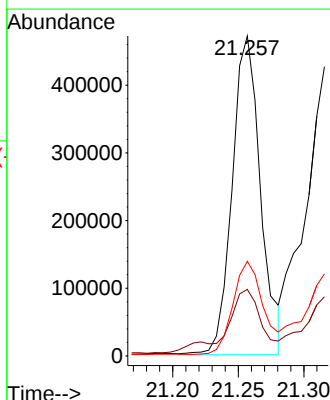
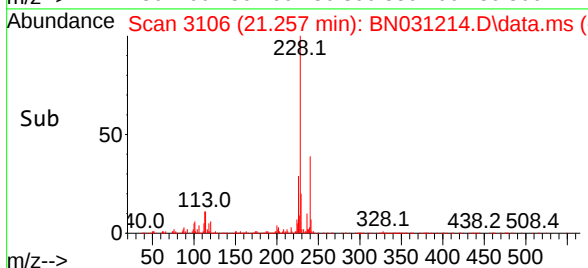
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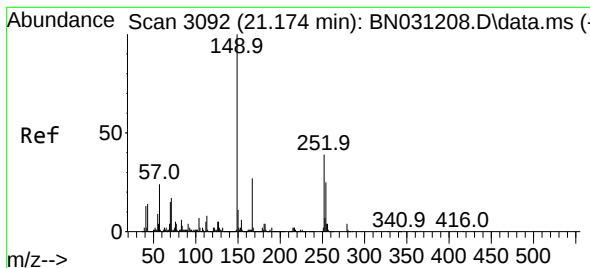


#85
 Benzo(a)anthracene
 Concen: 7.518 ng/ul
 RT: 21.257 min Scan# 3106
 Delta R.T. 0.006 min
 Lab File: BN031214.D
 Acq: 25 Apr 2024 08:45



Tgt Ion:228 Resp: 708821
 Ion Ratio Lower Upper
 228 100
 229 20.8 16.7 25.1
 226 29.6 21.2 31.8





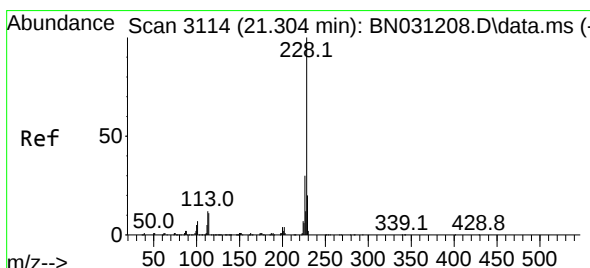
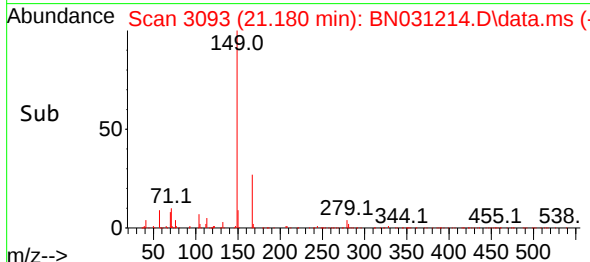
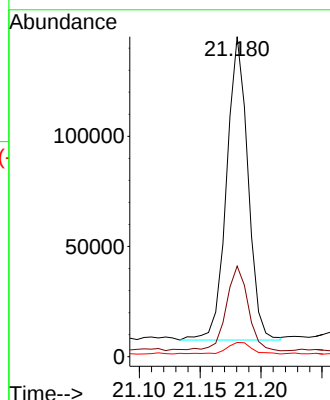
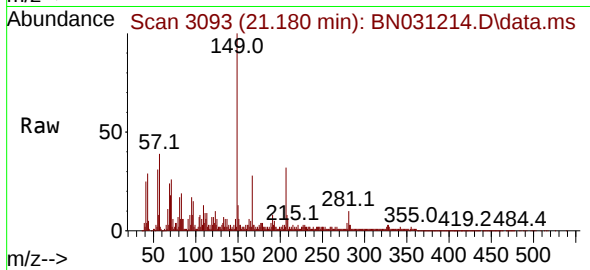
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.979 ng/ul
RT: 21.180 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tgt Ion:149 Resp: 167448
Ion Ratio Lower Upper
149 100
167 28.3 22.3 33.5
279 4.4 3.0 4.6

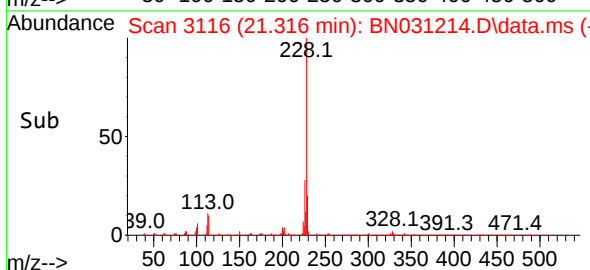
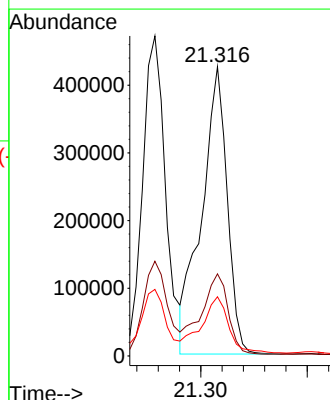
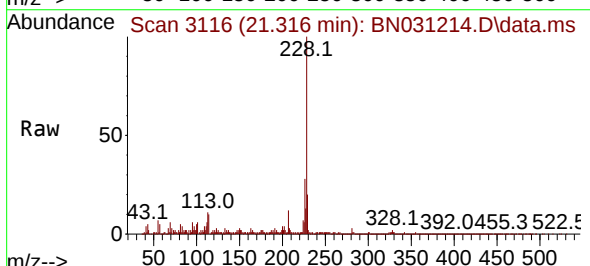
Manual Integrations
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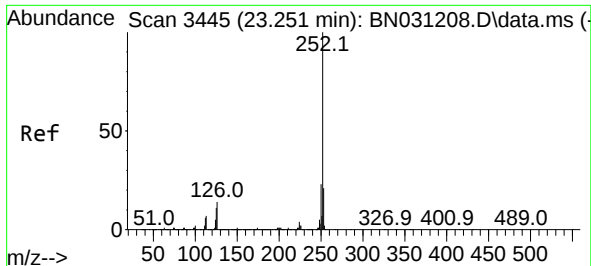
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#87
Chrysene
Concen: 7.948 ng/ul
RT: 21.316 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

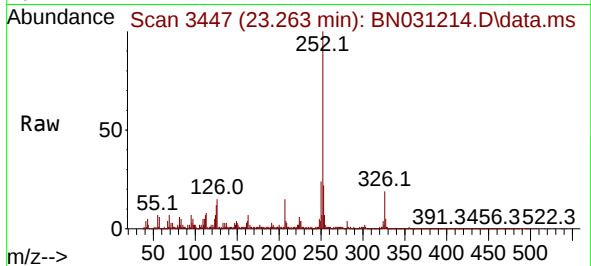
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Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.4 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 12.995 ng/ul
RT: 23.263 min Scan# 3445
Delta R.T. 0.006 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

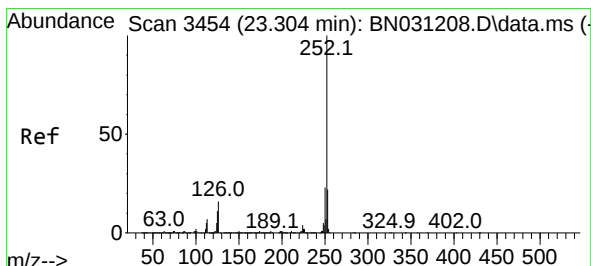
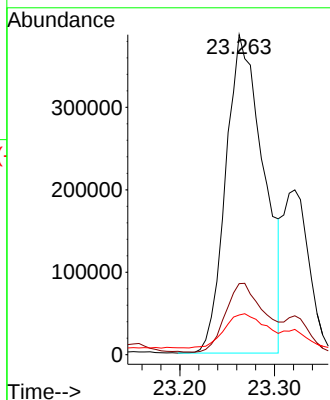
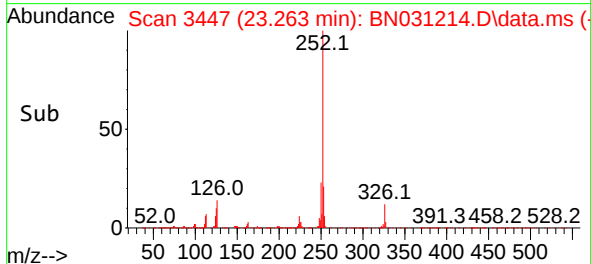
Instrument :
BNA_N
ClientSampleId :
C0AA9



Tgt Ion:252 Resp: 107591
Ion Ratio Lower Upper
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253 22.2 17.6 26.4
125 12.4 8.6 12.8

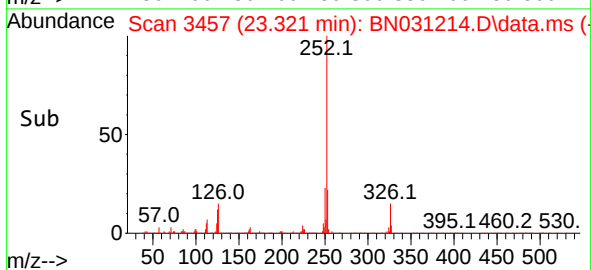
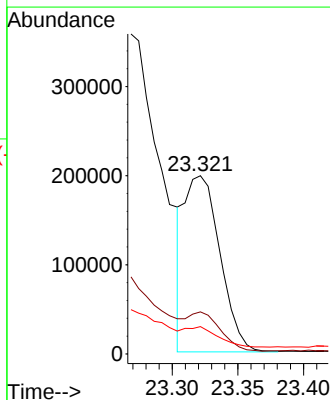
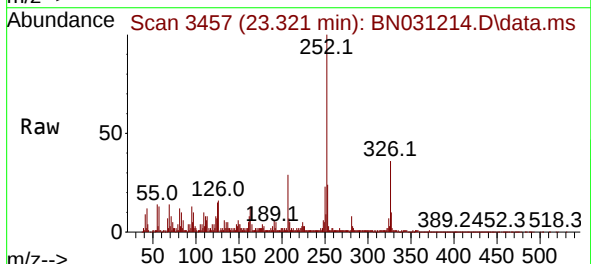
Manual Integrations
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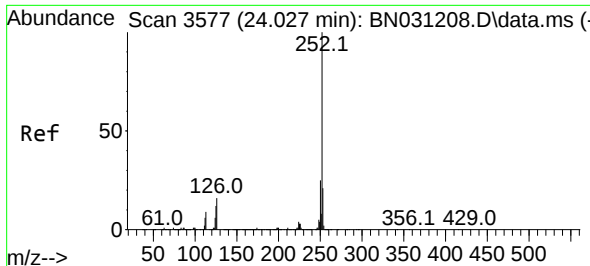
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#91
Benzo(k)fluoranthene
Concen: 4.456 ng/ul m
RT: 23.321 min Scan# 3457
Delta R.T. 0.012 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

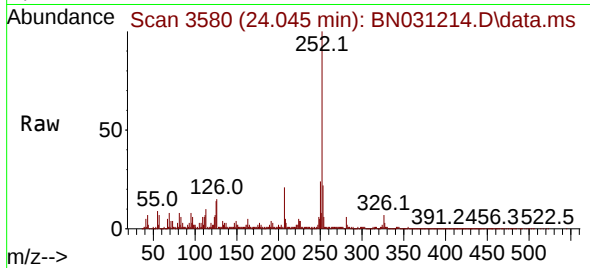
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Ion Ratio Lower Upper
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125 15.3 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 7.742 ng/ul
RT: 24.045 min Scan# 3580
Delta R.T. 0.012 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45

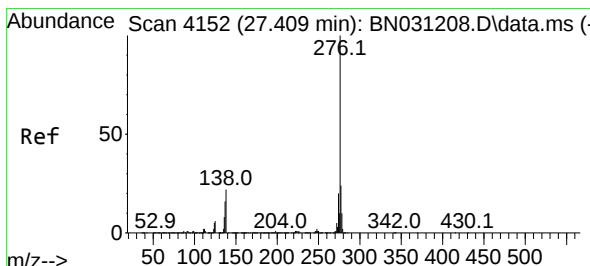
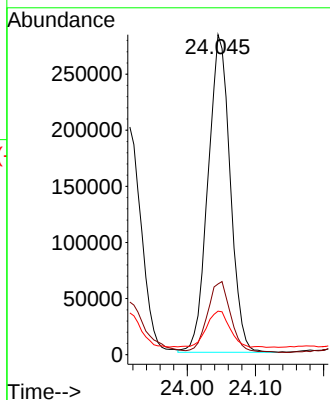
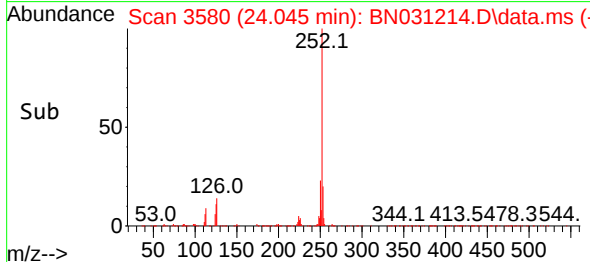
Instrument :
BNA_N
ClientSampleId :
C0AA9



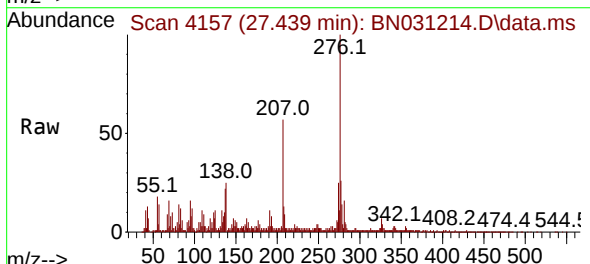
Tgt Ion:252 Resp: 639462
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 13.6 9.9 14.9

Manual Integrations
APPROVED

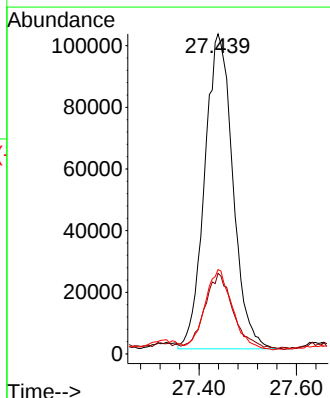
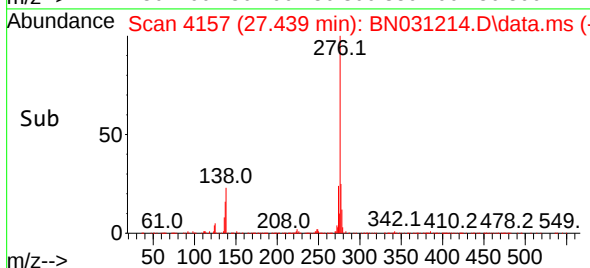
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

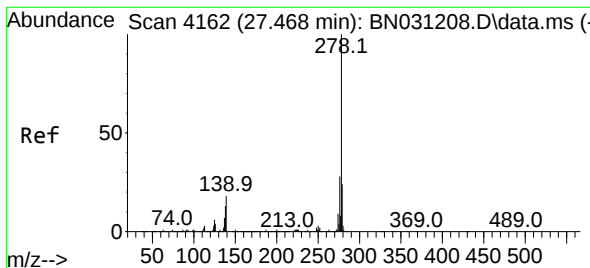


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.007 ng/ul
RT: 27.439 min Scan# 4157
Delta R.T. 0.018 min
Lab File: BN031214.D
Acq: 25 Apr 2024 08:45



Tgt Ion:276 Resp: 410674
Ion Ratio Lower Upper
276 100
138 25.2 17.4 26.2
277 26.4 18.3 27.5





#95

Dibenzo(a,h)anthracene

Concen: 1.401 ng/ul

RT: 27.474 min Scan# 4162

Delta R.T. -0.012 min

Lab File: BN031214.D

Acq: 25 Apr 2024 08:45

Instrument :

BNA_N

ClientSampleId :

C0AA9

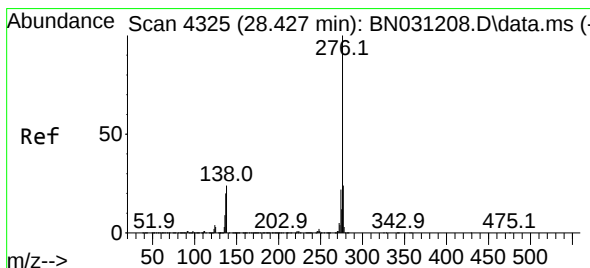
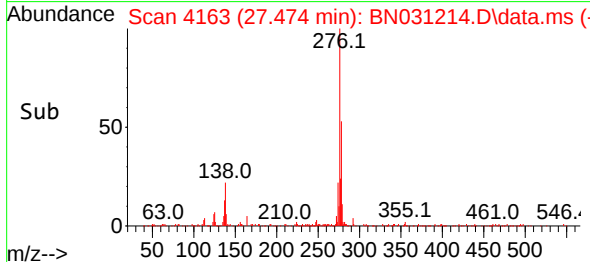
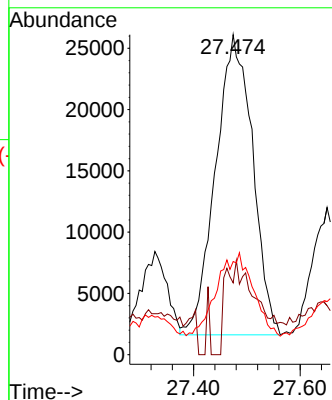
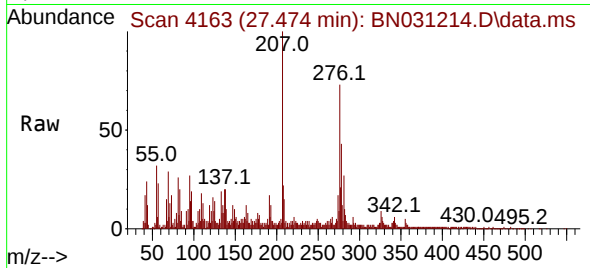
Tgt Ion:	278	Resp:	117870
Ion Ratio	Lower	Upper	
278	100		
139	22.5	13.3	19.9
279	29.1	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#96

Benzo(g,h,i)perylene

Concen: 3.996 ng/ul

RT: 28.462 min Scan# 4331

Delta R.T. 0.024 min

Lab File: BN031214.D

Acq: 25 Apr 2024 08:45

Tgt Ion:	276	Resp:	329838
Ion Ratio	Lower	Upper	
276	100		
138	25.0	19.0	28.6
277	23.9	19.3	28.9

