

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031956.D
 Acq On : 13 Jun 2024 00:34
 Operator : MA/JU
 Sample : P2678-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH677

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 02:26:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	389567	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1486038	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	796357	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1445532	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1255558	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1562056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	37864	4.021	ng/uL	0.00
4) Pyridine-d5	3.593	84	100121	3.777	ng/u1	0.01
7) Phenol-d5	6.840	99	743102	22.251	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	428914	21.957	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	623264	24.459	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	556174	20.430	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	301748	26.557	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	321589	27.399	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	524209	23.924	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	350270	10.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1501947	27.072	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1715744	26.896	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	208265	18.749	ng/u1	0.00
60) Fluorene-d10	15.304	176	1211048	25.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	107196	14.753	ng/u1	0.00
73) Anthracene-d10	17.157	188	1714918	27.711	ng/u1	0.00
81) Pyrene-d10	19.457	212	1733271	25.797	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1480371	19.847	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.816	77	27466	1.753	ng/u1	97
16) Acetophenone	8.481	105	90834	2.202	ng/u1	95
50) Acenaphthylene	14.028	152	213716	2.964	ng/u1	99
72) Phenanthrene	17.098	178	1187406	16.125	ng/u1	99
74) Anthracene	17.186	178	276610	3.707	ng/u1	99
77) Carbazole	17.463	167	127420	2.003	ng/u1	98
80) Fluoranthene	19.122	202	2527453	31.477	ng/u1	98
82) Pyrene	19.486	202	2007247	24.365	ng/u1	97
83) Butylbenzylphthalate	20.392	149	124097	3.189	ng/u1	93
85) Benzo(a)anthracene	21.274	228	1276221	15.186	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.198	149	361501	6.373	ng/u1	99
87) Chrysene	21.333	228	1399913	17.833	ng/u1#	95
90) Benzo(b)fluoranthene	23.304	252	1895940	20.306	ng/u1	99
91) Benzo(k)fluoranthene	23.351	252	657004	7.171	ng/u1	98
93) Benzo(a)pyrene	24.086	252	827706	9.465	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.527	276	777895	7.720	ng/u1	96
95) Dibenzo(a,h)anthracene	27.568	278	253461	3.081	ng/u1#	83
96) Benzo(g,h,i)perylene	28.551	276	101892m	1.272	ng/u1	

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

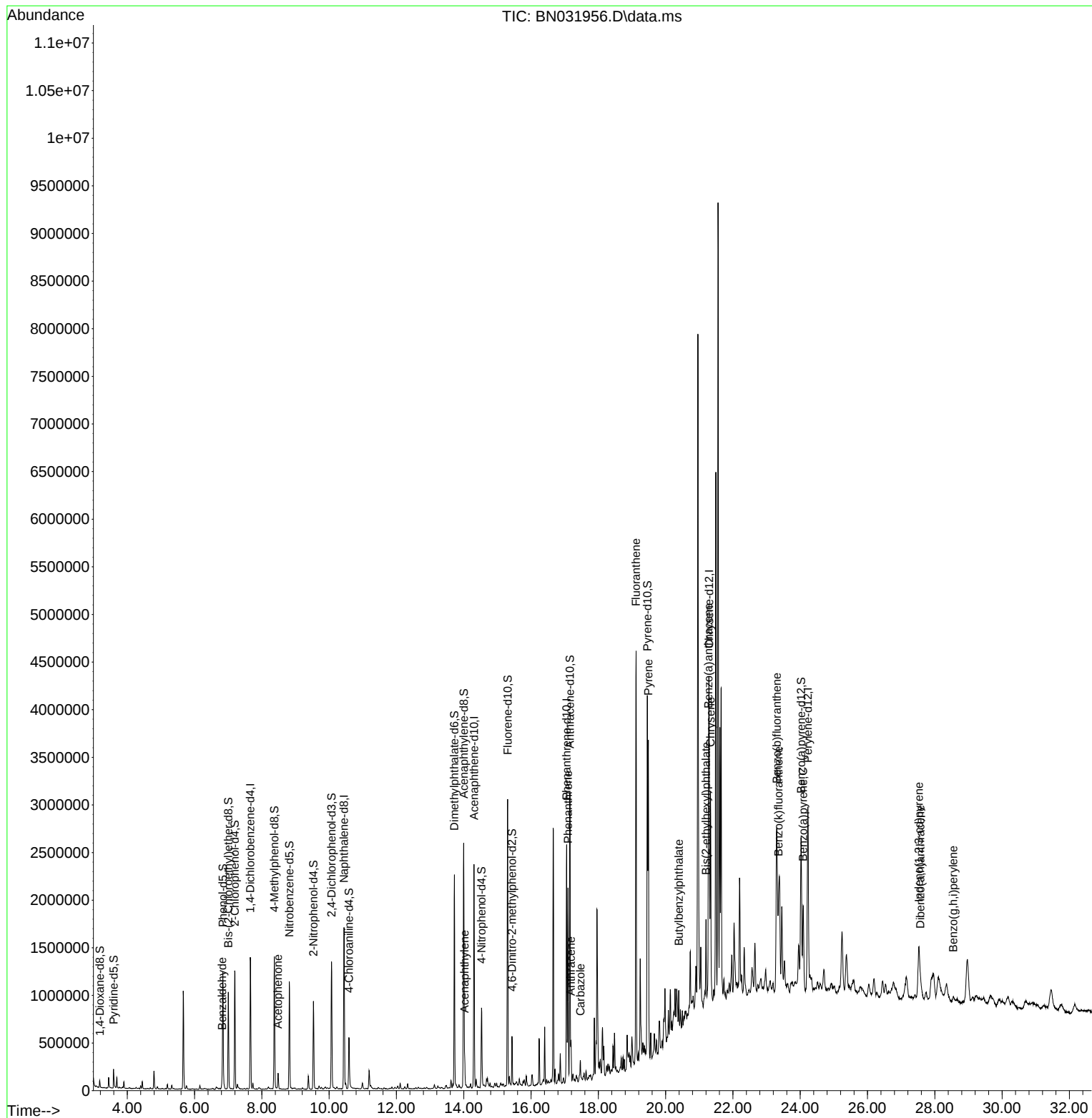
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031956.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2678-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

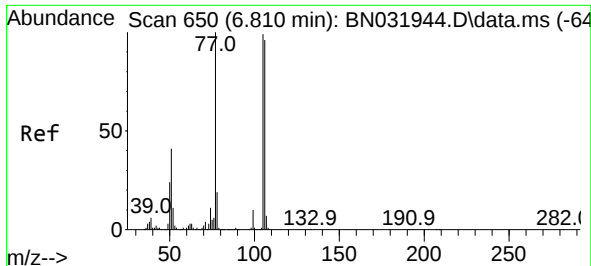
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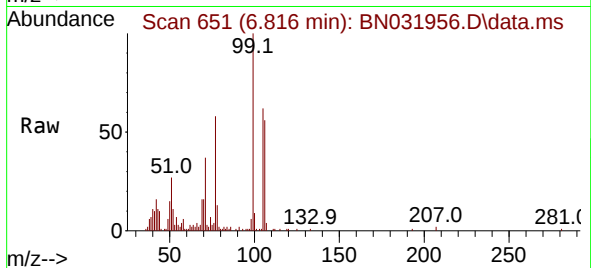
Quant Time: Jun 13 02:26:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.753 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN031956.D
Acq: 13 Jun 2024 00:34

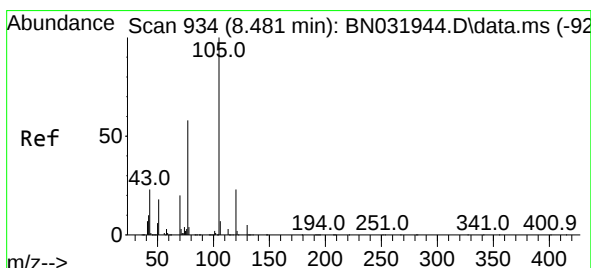
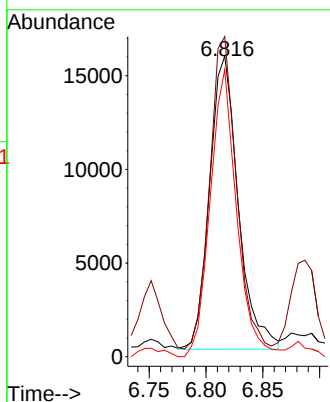
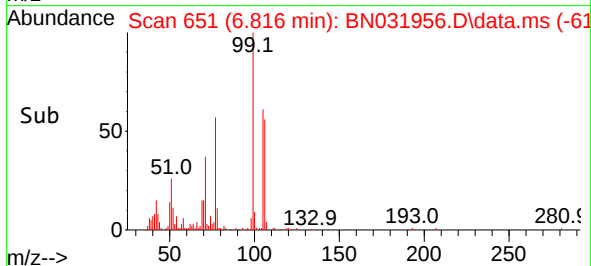
Instrument :
BNA_N
ClientSampleId :
BH677



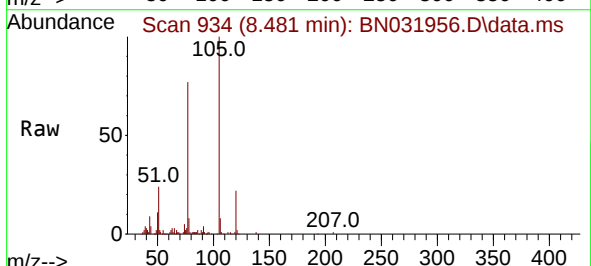
Tgt Ion: 77 Resp: 2746
Ion Ratio Lower Upper
77 100
105 106.5 80.2 120.4
106 95.5 76.8 115.2

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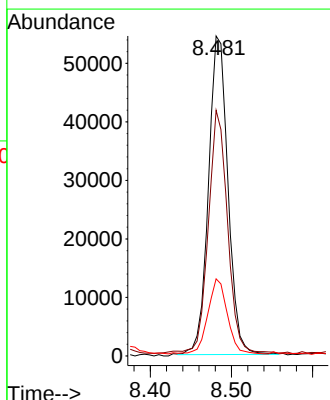
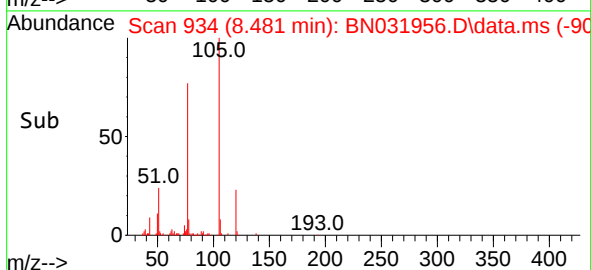
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

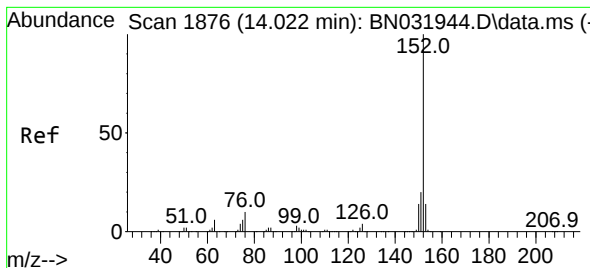


#16
Acetophenone
Concen: 2.202 ng/ul
RT: 8.481 min Scan# 934
Delta R.T. 0.000 min
Lab File: BN031956.D
Acq: 13 Jun 2024 00:34



Tgt Ion:105 Resp: 90834
Ion Ratio Lower Upper
105 100
77 76.8 58.6 87.8
51 24.1 17.2 25.8





#50

Acenaphthylene

Concen: 2.964 ng/ul

RT: 14.028 min Scan# 1876

Delta R.T. 0.000 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

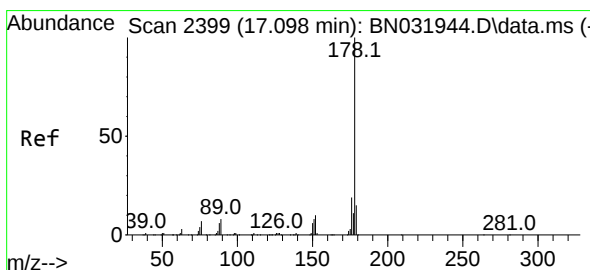
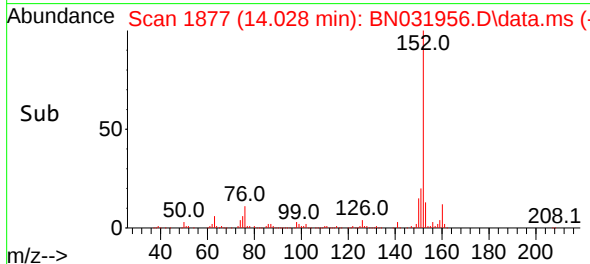
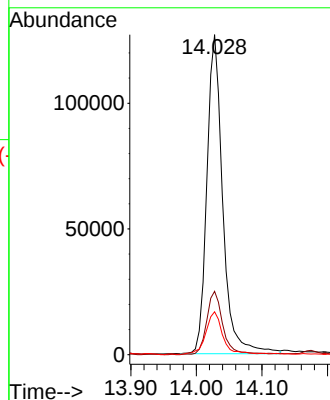
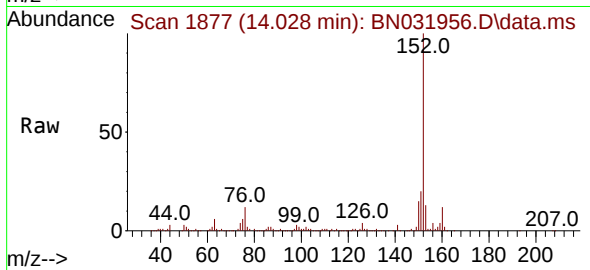
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Tgt Ion:	152	Resp:	213710
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.4	10.4	15.6

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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#72

Phenanthrene

Concen: 16.125 ng/ul

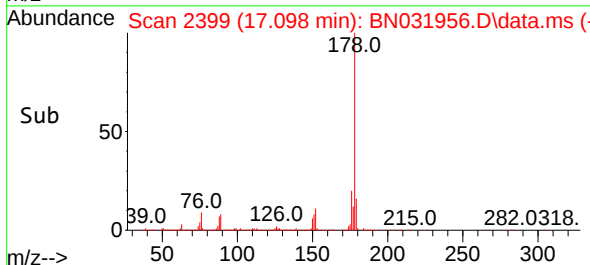
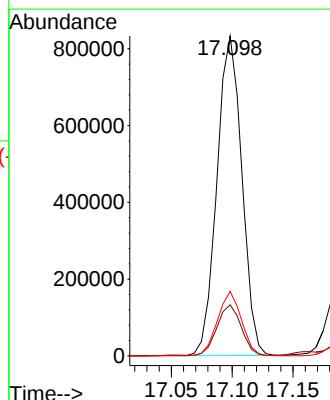
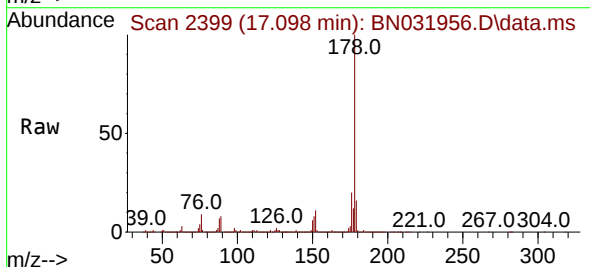
RT: 17.098 min Scan# 2399

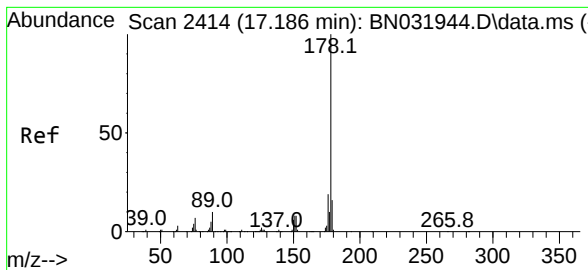
Delta R.T. 0.000 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

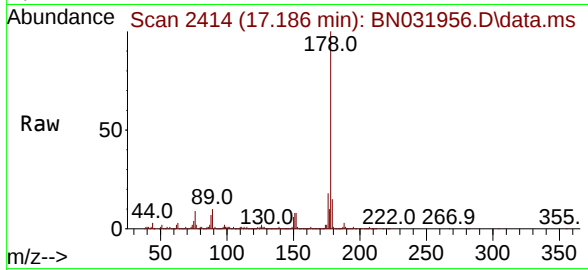
Tgt Ion:	178	Resp:	1187406
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	20.2	15.8	23.6





#74
 Anthracene
 Concen: 3.707 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031956.D
 Acq: 13 Jun 2024 00:34

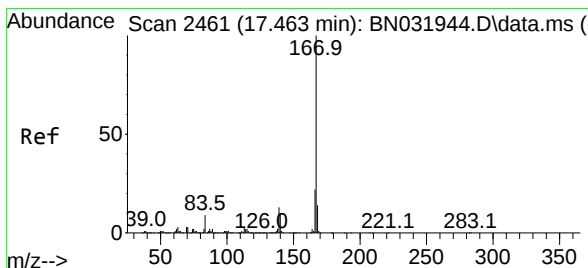
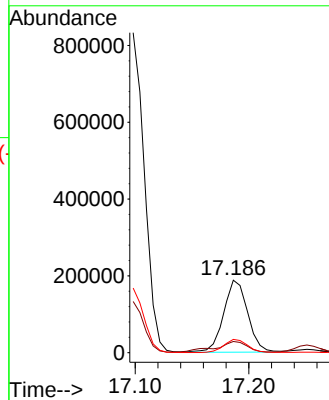
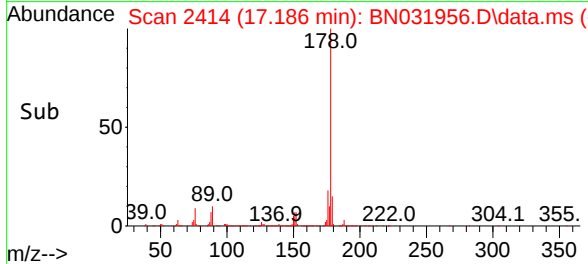
Instrument :
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Tgt Ion:178 Resp: 276610
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.6
 176 18.4 14.8 22.2

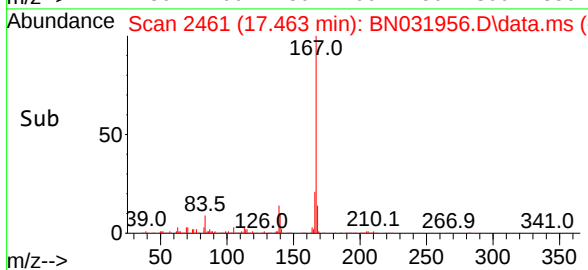
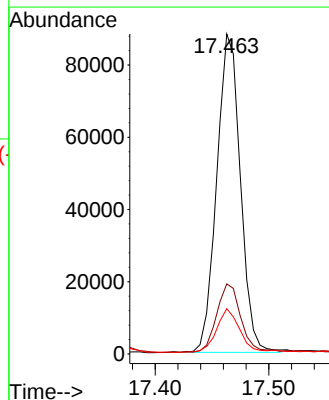
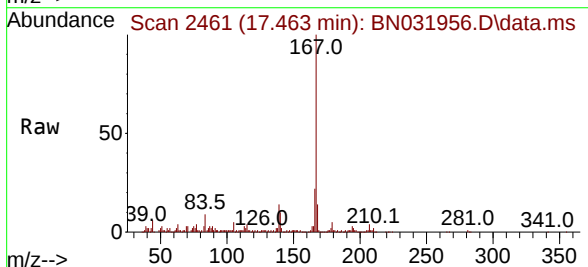
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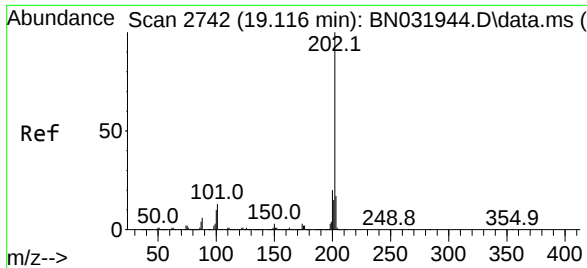
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#77
 Carbazole
 Concen: 2.003 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031956.D
 Acq: 13 Jun 2024 00:34

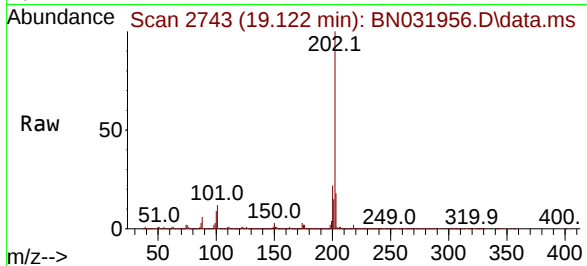
Tgt Ion:167 Resp: 127420
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.9 26.9
 139 14.2 10.5 15.7





#80
Fluoranthene
Concen: 31.477 ng/u1
RT: 19.122 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031956.D
Acq: 13 Jun 2024 00:34

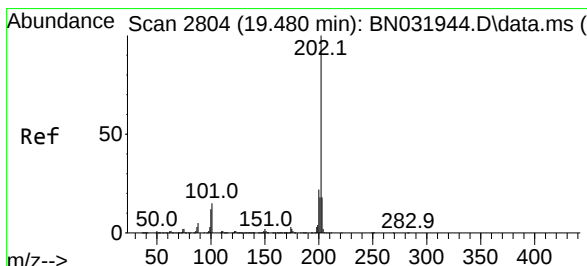
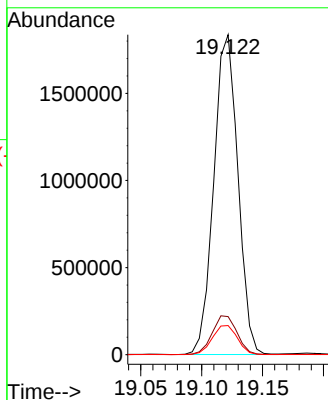
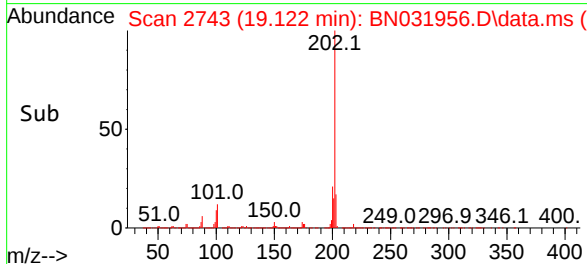
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 252745
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 9.1 8.0 12.0

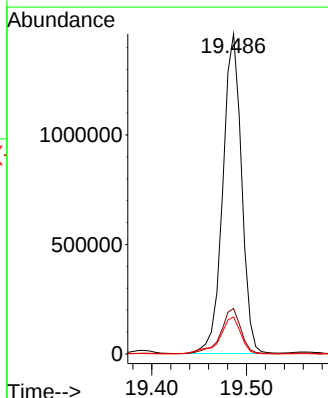
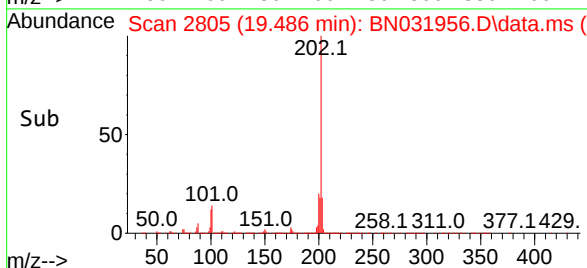
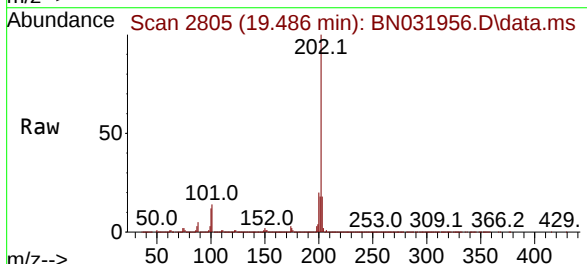
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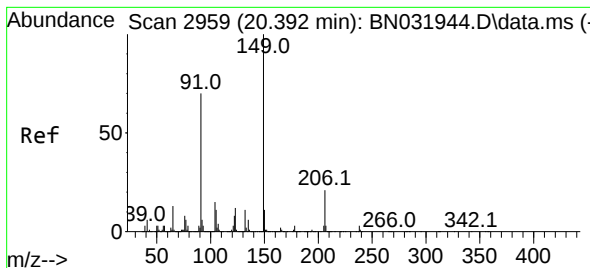
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#82
Pyrene
Concen: 24.365 ng/u1
RT: 19.486 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BN031956.D
Acq: 13 Jun 2024 00:34

Tgt Ion:202 Resp: 2007247
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.5 10.2 15.2





#83

Butylbenzylphthalate

Concen: 3.189 ng/ul

RT: 20.392 min Scan# 2959

Delta R.T. 0.000 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

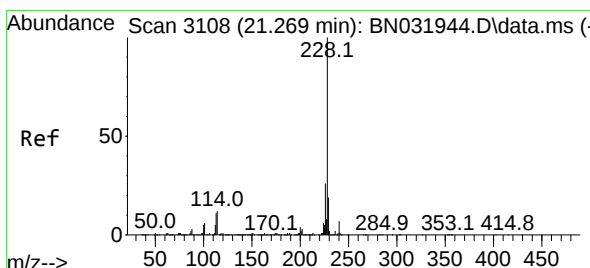
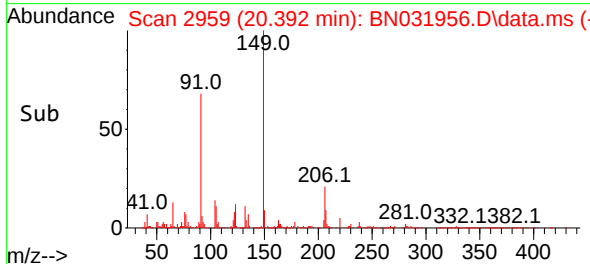
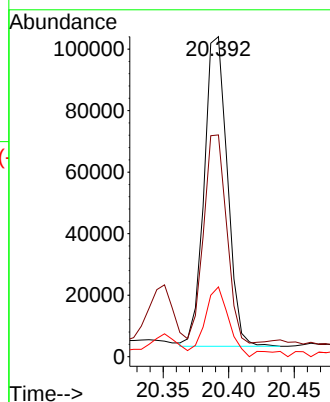
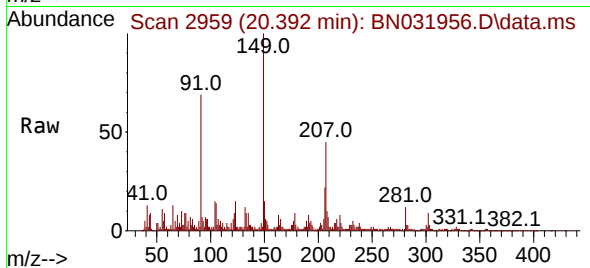
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Tgt Ion:	149	Resp:	12409
Ion Ratio	Lower	Upper	
149	100		
91	69.3	61.0	91.4
206	21.8	16.5	24.7

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#85

Benzo(a)anthracene

Concen: 15.186 ng/ul

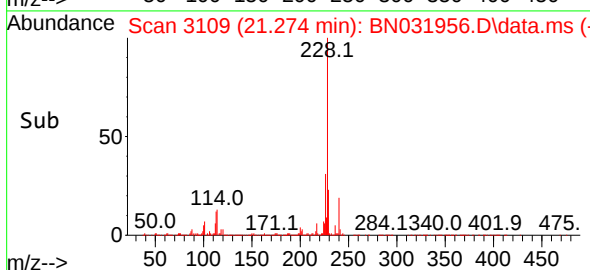
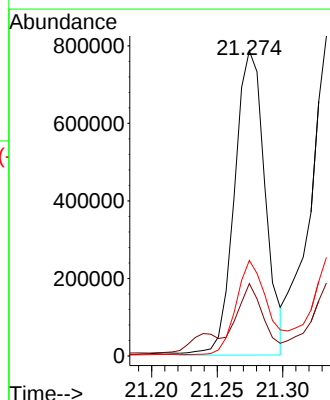
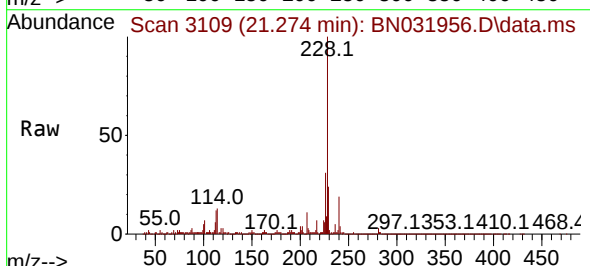
RT: 21.274 min Scan# 3109

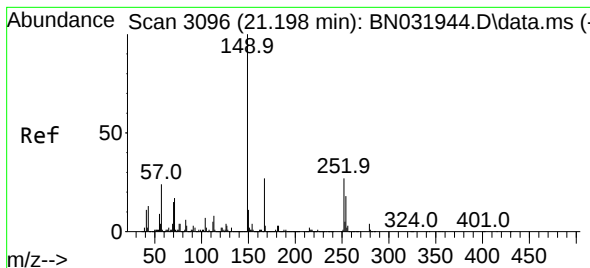
Delta R.T. 0.000 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

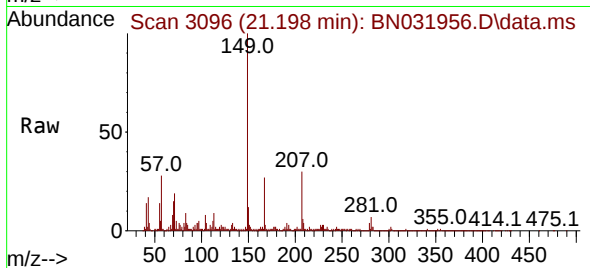
Tgt Ion:	228	Resp:	1276221
Ion Ratio	Lower	Upper	
228	100		
229	23.7	16.7	25.1
226	31.3	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.373 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031956.D
Acq: 13 Jun 2024 00:34

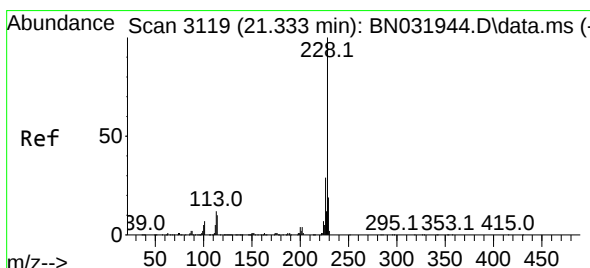
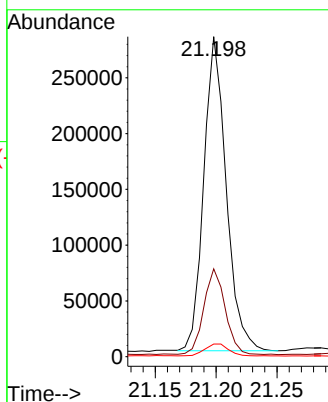
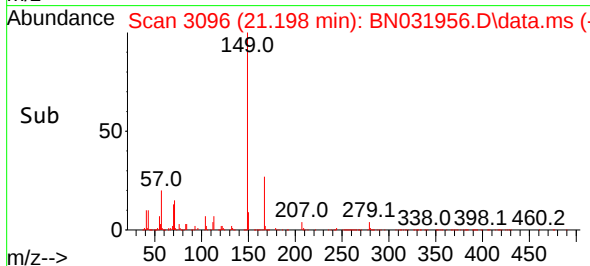
Instrument :
BNA_N
ClientSampleId :
BH677



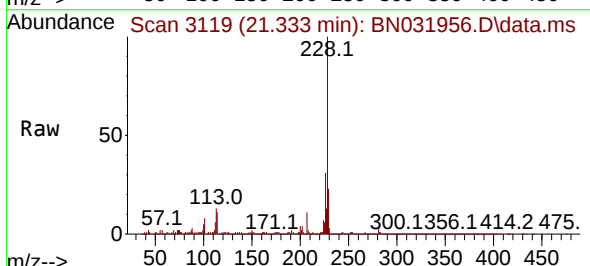
Tgt Ion:149 Resp: 36150
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 3.9 3.3 4.9

Manual Integrations
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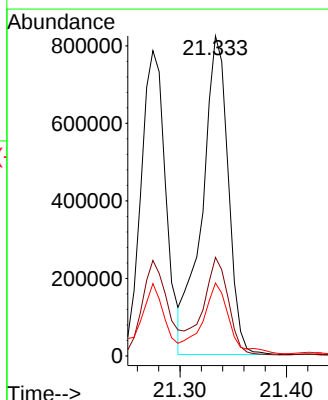
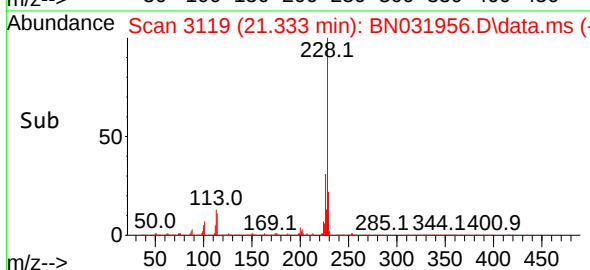
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

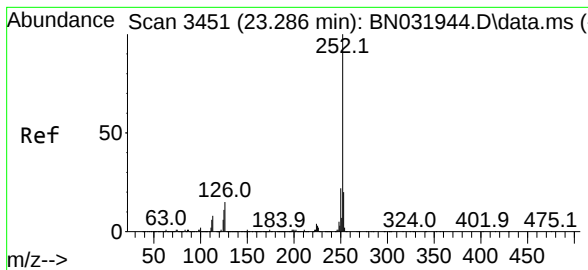


#87
Chrysene
Concen: 17.833 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031956.D
Acq: 13 Jun 2024 00:34



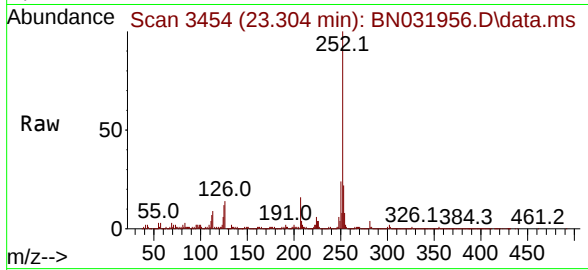
Tgt Ion:228 Resp: 1399913
Ion Ratio Lower Upper
228 100
226 30.8 23.7 35.5
229 22.8 15.1 22.7#





#90
 Benzo(b)fluoranthene
 Concen: 20.306 ng/u1
 RT: 23.304 min Scan# 3454
 Delta R.T. 0.012 min
 Lab File: BN031956.D
 Acq: 13 Jun 2024 00:34

Instrument : BNA_N
 ClientSampleId : BH677

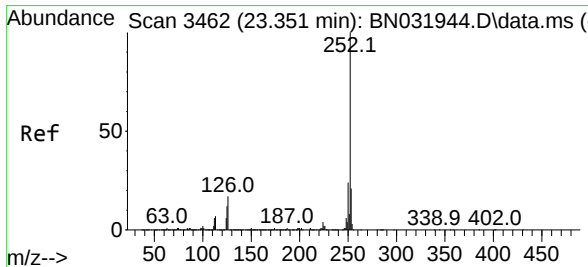
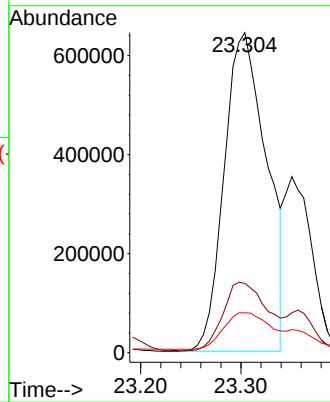
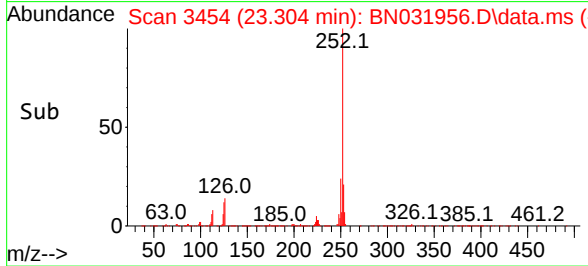


Tgt Ion:252 Resp: 1895940

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.4	9.2	13.8

Manual Integrations
 APPROVED

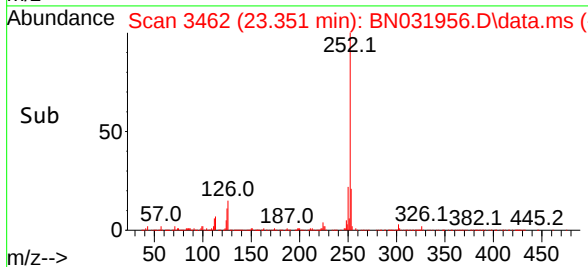
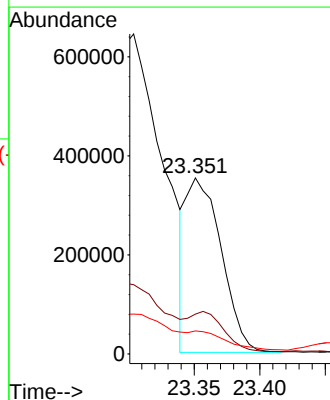
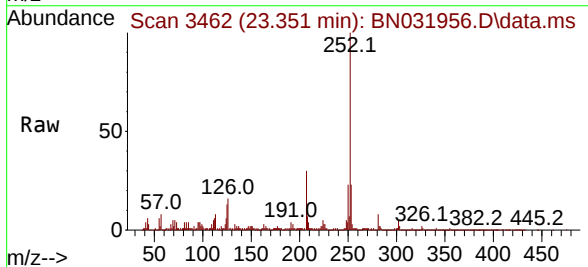
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

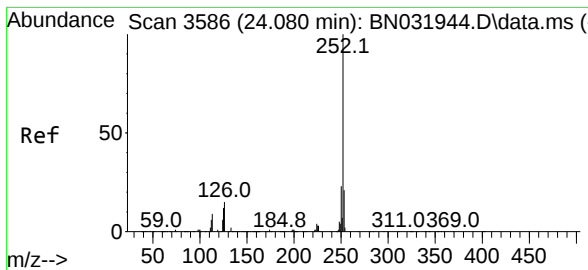


#91
 Benzo(k)fluoranthene
 Concen: 7.171 ng/u1
 RT: 23.351 min Scan# 3462
 Delta R.T. 0.000 min
 Lab File: BN031956.D
 Acq: 13 Jun 2024 00:34

Tgt Ion:252 Resp: 657004

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	13.1	9.4	14.2





#93

Benzo(a)pyrene

Concen: 9.465 ng/u1

RT: 24.086 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

BH677

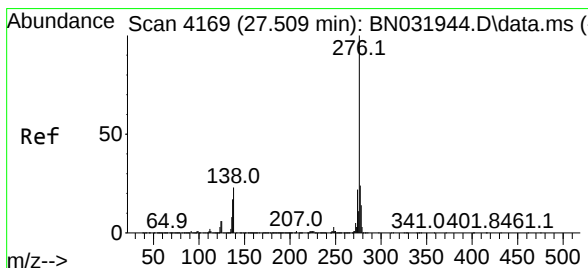
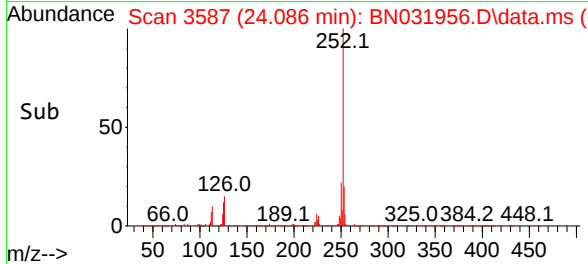
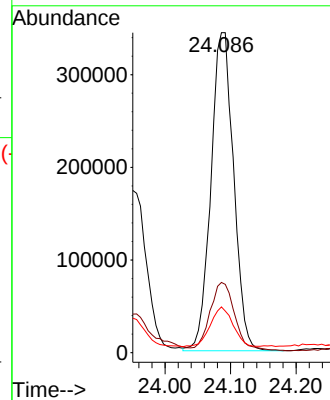
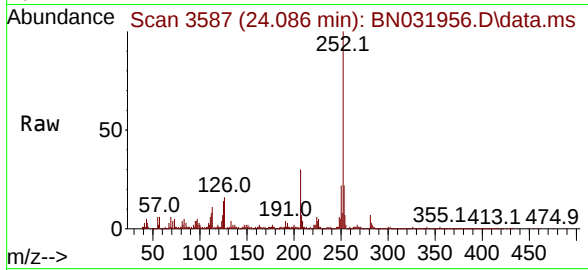
Tgt Ion:252 Resp: 827700

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	24.8
125	14.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.720 ng/u1

RT: 27.527 min Scan# 4172

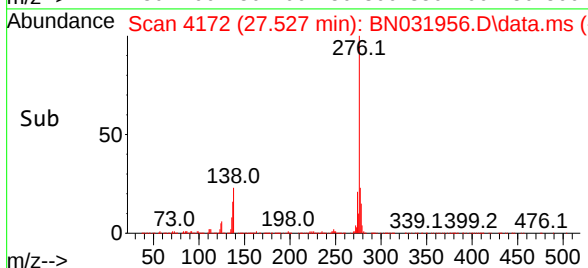
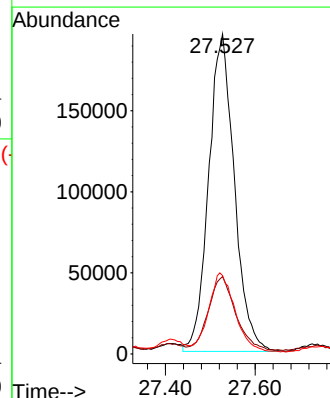
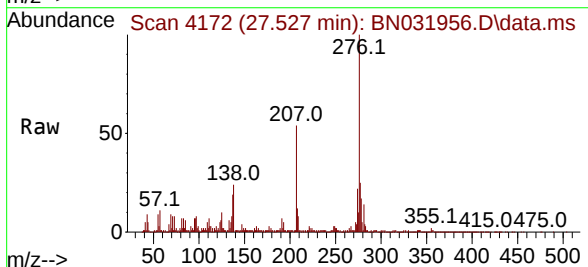
Delta R.T. 0.012 min

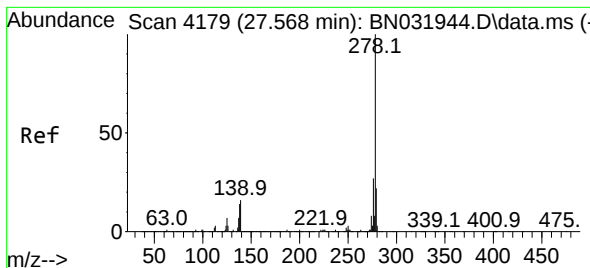
Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

Tgt Ion:276 Resp: 777895

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.1	27.1
277	24.5	18.2	27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.081 ng/ul

RT: 27.568 min Scan# 4179

Delta R.T. -0.012 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

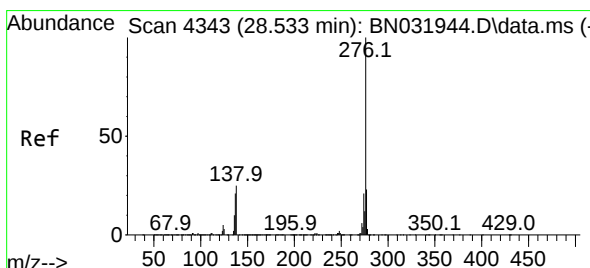
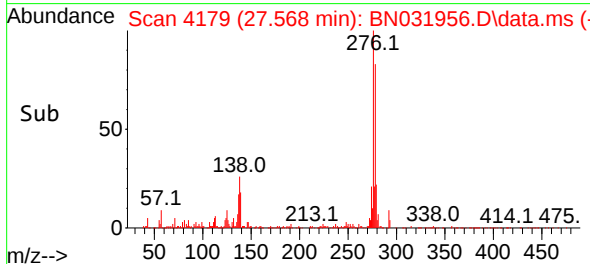
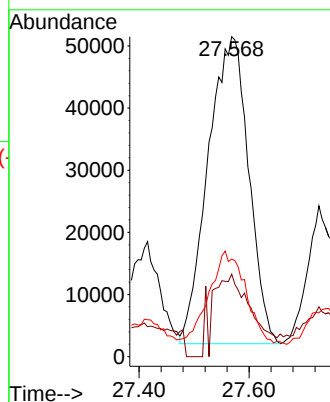
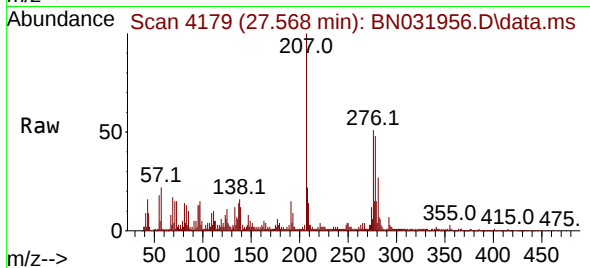
BH677

Tgt Ion:	278	Resp:	25346
Ion Ratio	Lower	Upper	
278	100		
139	25.8	15.0	22.6
279	30.5	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#96

Benzo(g,h,i)perylene

Concen: 1.272 ng/ul m

RT: 28.551 min Scan# 4346

Delta R.T. 0.006 min

Lab File: BN031956.D

Acq: 13 Jun 2024 00:34

Tgt Ion:	276	Resp:	101892
Ion Ratio	Lower	Upper	
276	100		
138	30.3	20.9	31.3
277	31.4	18.0	27.0

