

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031958.D
 Acq On : 13 Jun 2024 01:52
 Operator : MA/JU
 Sample : P2678-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH673

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 02:34:57 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	7.663	152	419524	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1692110	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	922045	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1578599	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1283039	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1534652	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	43786	4.318	ng/uL	0.00
4) Pyridine-d5	3.593	84	123911	4.341	ng/u1	0.01
7) Phenol-d5	6.840	99	849735	23.627	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	524859	24.949	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	733499	26.729	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	625408	21.333	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	370951	28.672	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	405264	30.324	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	639526	25.632	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	673413	18.178	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1882536	29.307	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2133953	28.892	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	184086	14.313	ng/u1	0.01
60) Fluorene-d10	15.304	176	1465281	26.960	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	121674	15.334	ng/u1	0.00
73) Anthracene-d10	17.151	188	1961696	29.026	ng/u1	0.00
81) Pyrene-d10	19.451	212	1804058	26.276	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1394269	19.027	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.028	152	94491	1.132	ng/u1#	96
72) Phenanthrene	17.098	178	712433	8.859	ng/u1	98
74) Anthracene	17.186	178	150128	1.842	ng/u1	99
80) Fluoranthene	19.122	202	1382702	16.851	ng/u1	99
82) Pyrene	19.486	202	1033913	12.281	ng/u1	94
83) Butylbenzylphthalate	20.392	149	47020	1.183	ng/u1	94
85) Benzo(a)anthracene	21.274	228	703721	8.194	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	241554	4.167	ng/u1	99
87) Chrysene	21.333	228	711122	8.865	ng/u1	96
90) Benzo(b)fluoranthene	23.304	252	979553	10.679	ng/u1	99
91) Benzo(k)fluoranthene	23.351	252	327366	3.637	ng/u1	100
93) Benzo(a)pyrene	24.080	252	358174	4.169	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.521	276	335010	3.384	ng/u1	93
95) Dibenzo(a,h)anthracene	27.551	278	128667m	1.592	ng/u1	

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

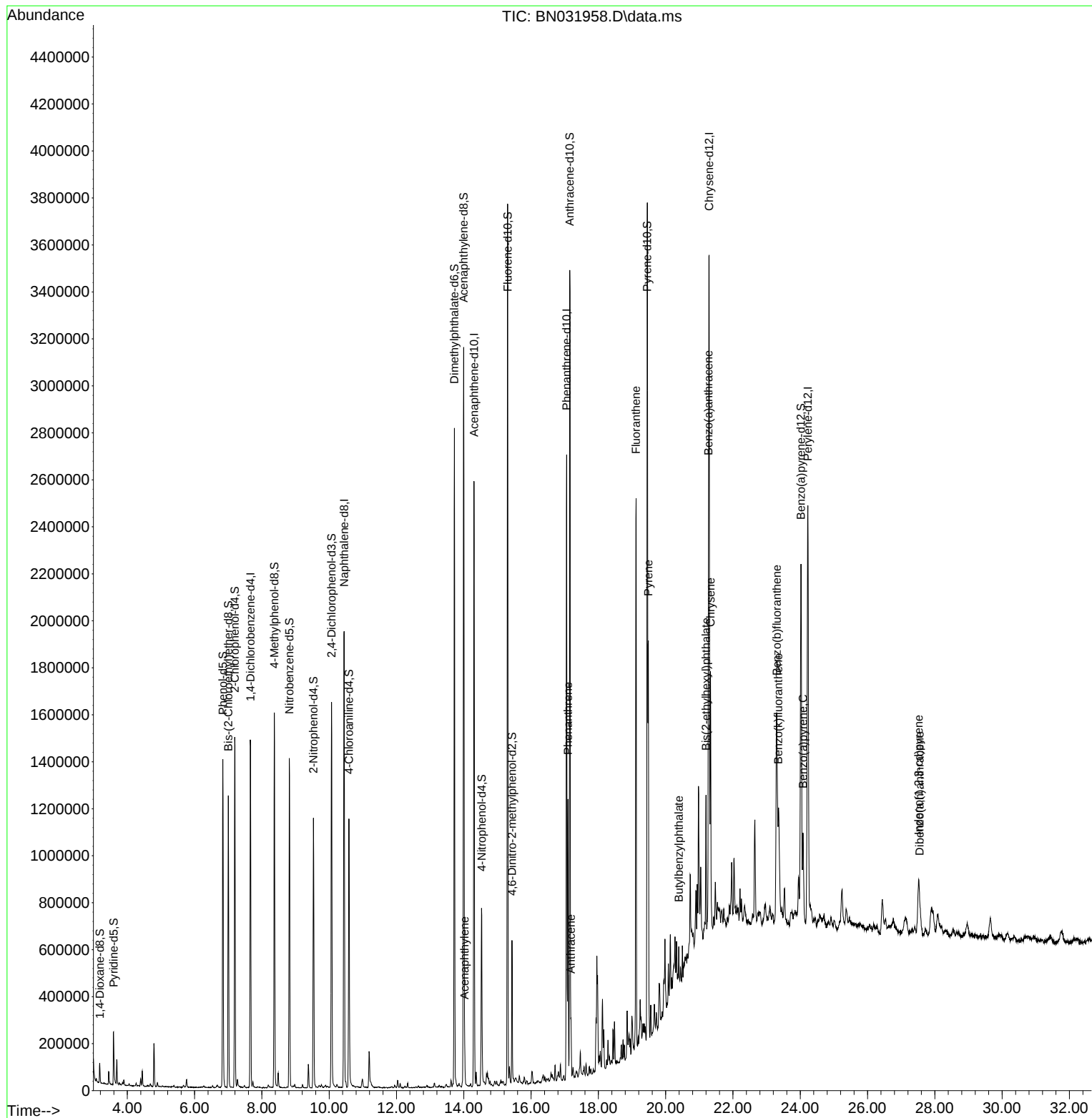
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 Data File : BN031958.D
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 ALS Vial : 16 Sample Multiplier: 1

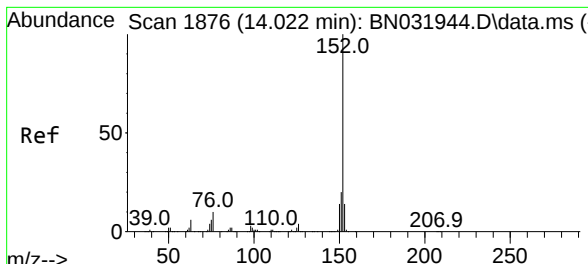
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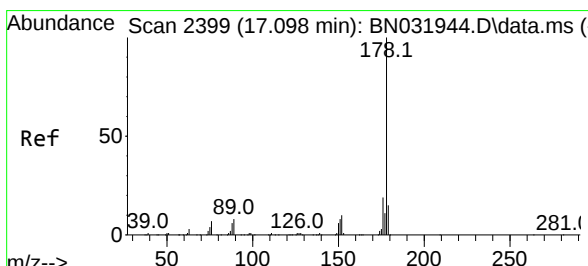
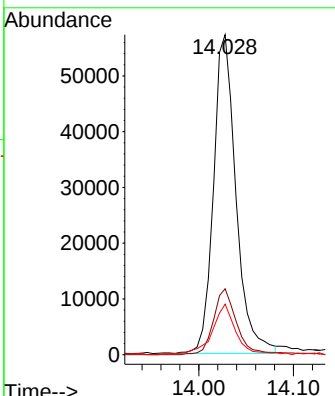
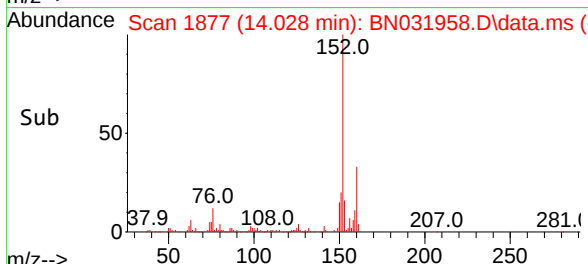
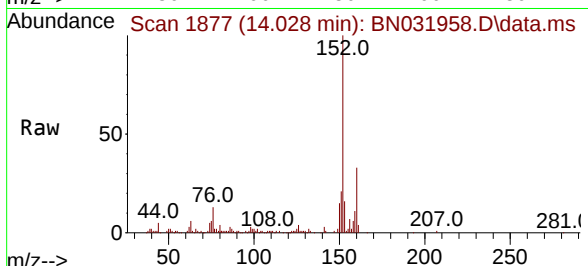
#50
 Acenaphthylene
 Concen: 1.132 ng/ul
 RT: 14.028 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BN031958.D
 Acq: 13 Jun 2024 01:52

Instrument : BNA_N
 ClientSampleId : BH673

Tgt Ion:	152	Resp:	9449
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.9	23.9
153	15.8	10.4	15.6

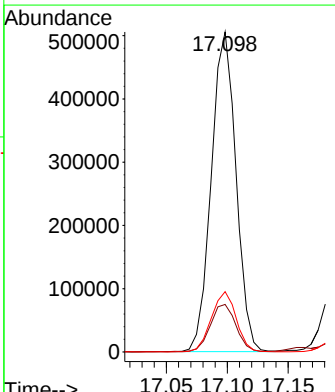
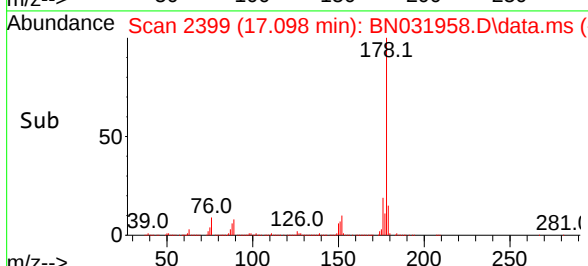
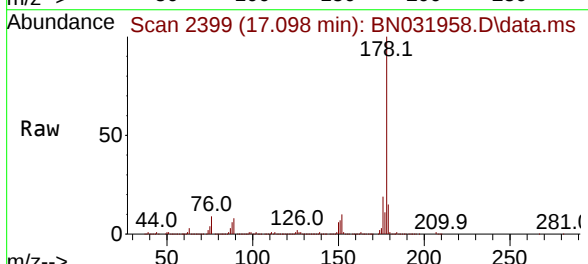
Manual Integrations
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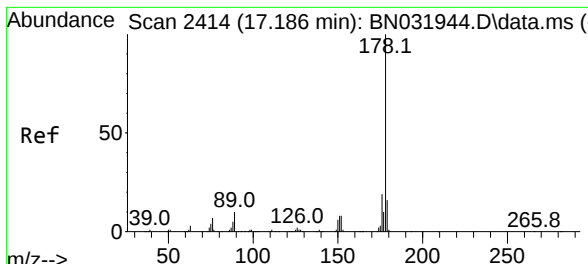
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#72
 Phenanthrene
 Concen: 8.859 ng/ul
 RT: 17.098 min Scan# 2399
 Delta R.T. 0.000 min
 Lab File: BN031958.D
 Acq: 13 Jun 2024 01:52

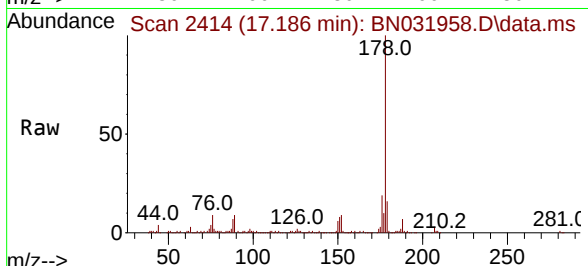
Tgt Ion:	178	Resp:	712433
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.6	19.0
176	18.8	15.8	23.6





#74
 Anthracene
 Concen: 1.842 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031958.D
 Acq: 13 Jun 2024 01:52

Instrument :
 BNA_N
 ClientSampleId :
 BH673

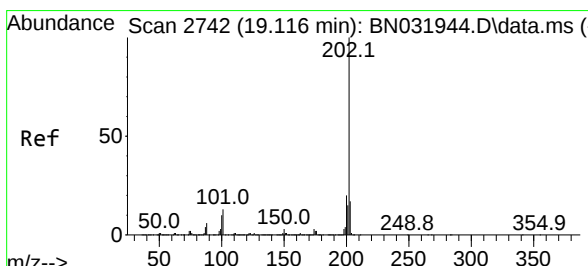
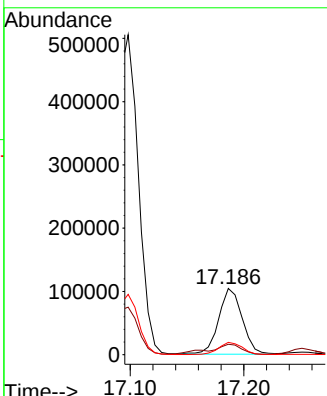
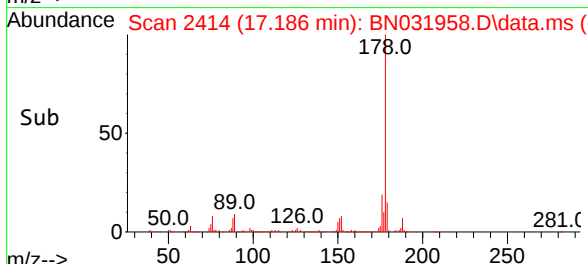


Tgt Ion:178 Resp: 150128

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.6
176	18.6	14.8	22.2

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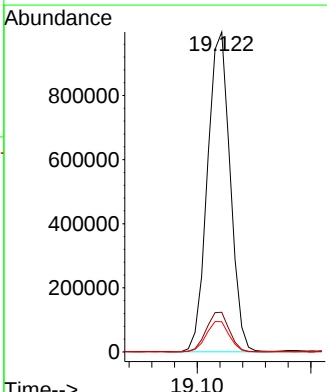
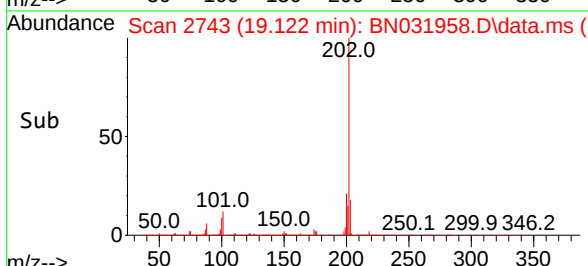
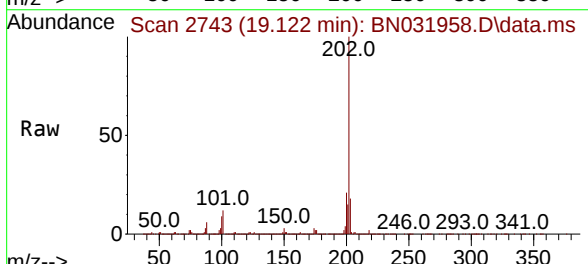
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

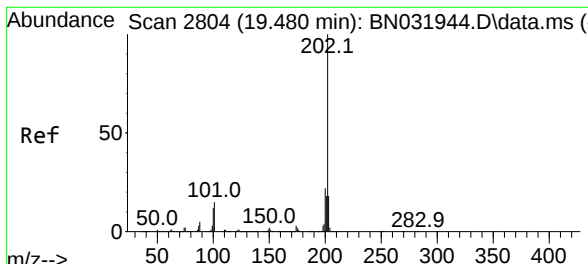


#80
 Fluoranthene
 Concen: 16.851 ng/ul
 RT: 19.122 min Scan# 2743
 Delta R.T. 0.006 min
 Lab File: BN031958.D
 Acq: 13 Jun 2024 01:52

Tgt Ion:202 Resp: 1382702

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	9.4	8.0	12.0





#82
 Pyrene
 Concen: 12.281 ng/ul
 RT: 19.486 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031958.D
 Acq: 13 Jun 2024 01:52

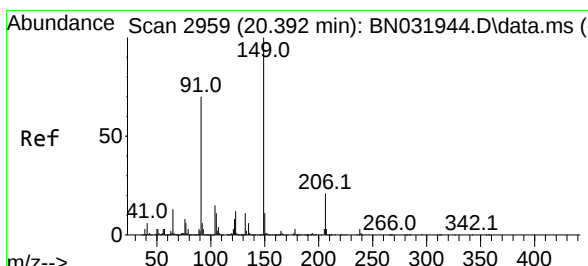
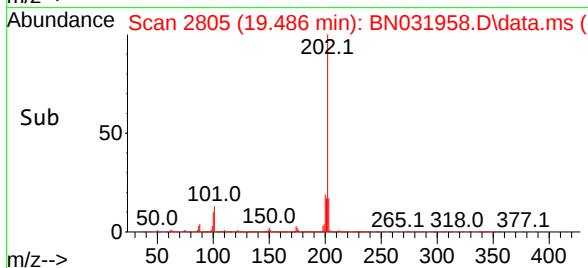
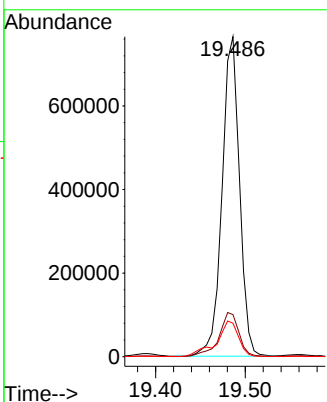
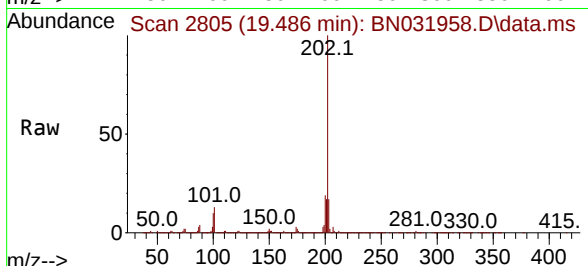
Instrument :
 BNA_N
 ClientSampleId :
 BH673

Tgt Ion:202 Resp: 103391

Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.6	18.8
100	10.5	10.2	15.2

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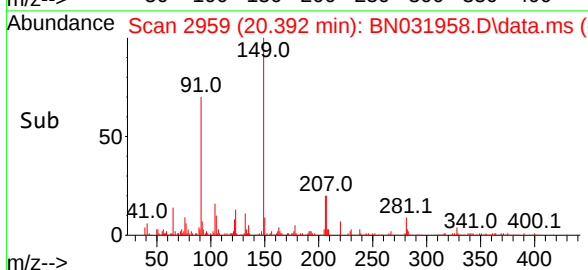
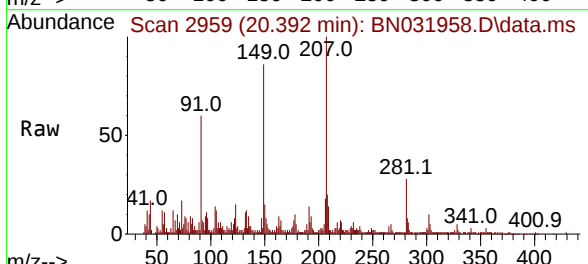
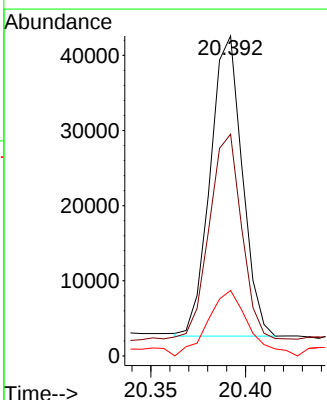
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

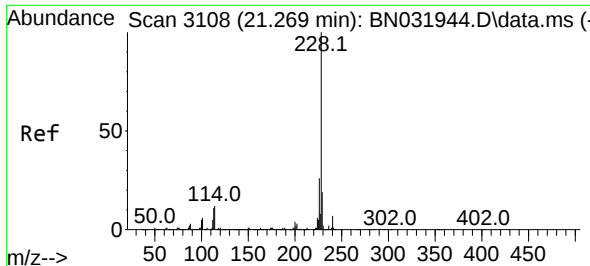


#83
 Butylbenzylphthalate
 Concen: 1.183 ng/ul
 RT: 20.392 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BN031958.D
 Acq: 13 Jun 2024 01:52

Tgt Ion:149 Resp: 47020

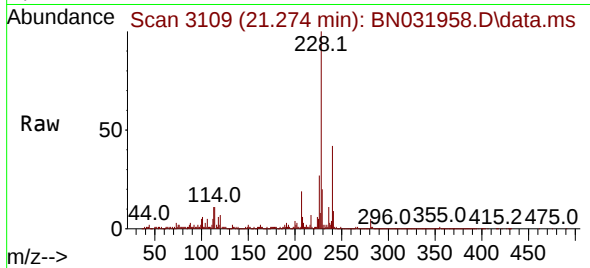
Ion	Ratio	Lower	Upper
149	100		
91	69.3	61.0	91.4
206	20.5	16.5	24.7





#85
Benzo(a)anthracene
Concen: 8.194 ng/ul
RT: 21.274 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN031958.D
Acq: 13 Jun 2024 01:52

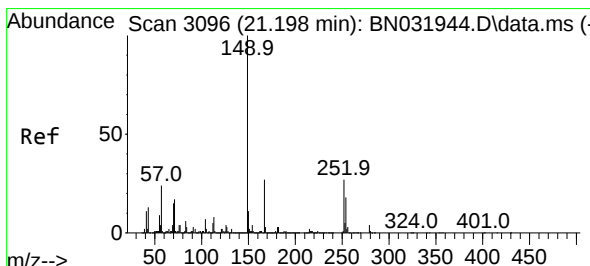
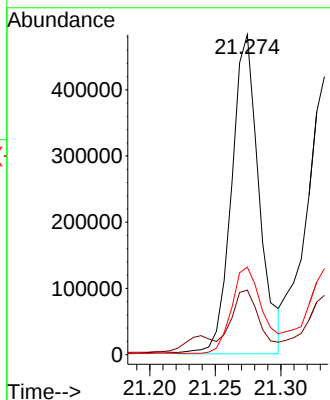
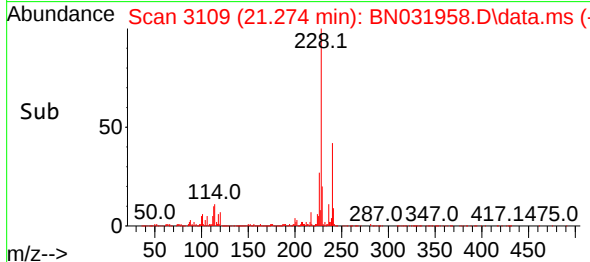
Instrument :
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ClientSampleId :
BH673



Tgt Ion:228 Resp: 70372
Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 27.3 22.8 34.2

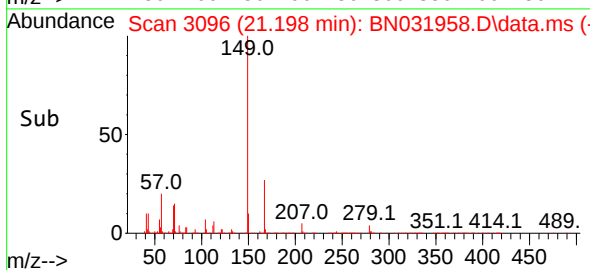
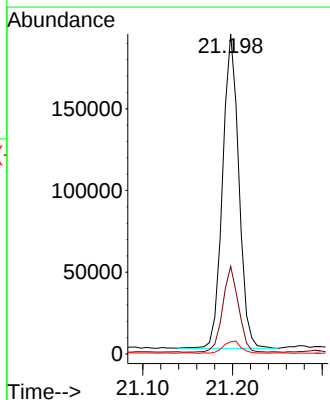
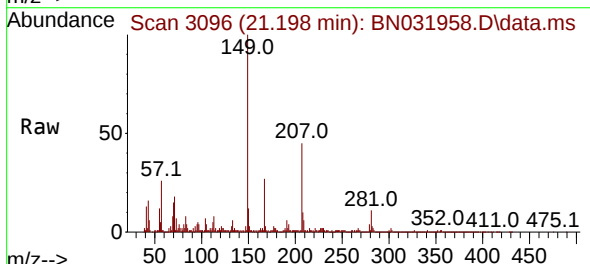
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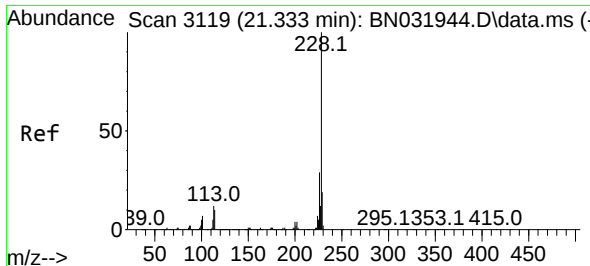
Reviewed By :Jagrut Upadhyay 06/13/2024
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#86
Bis(2-ethylhexyl)phthalate
Concen: 4.167 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031958.D
Acq: 13 Jun 2024 01:52

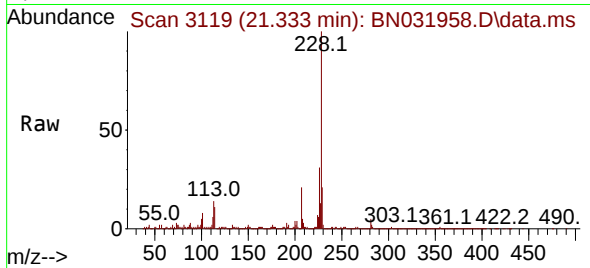
Tgt Ion:149 Resp: 241554
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 3.8 3.3 4.9





#87
Chrysene
Concen: 8.865 ng/u1
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031958.D
Acq: 13 Jun 2024 01:52

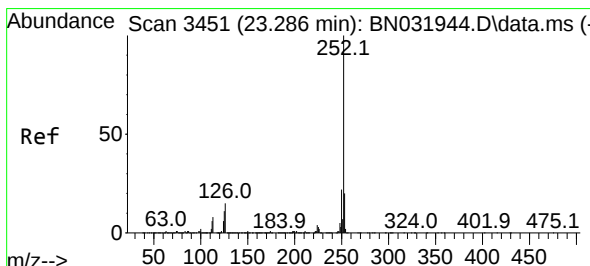
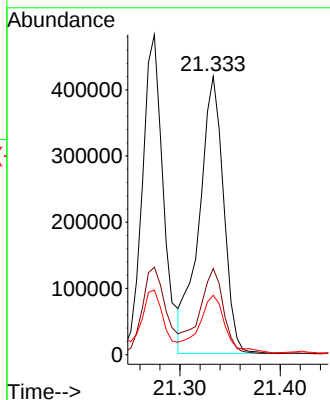
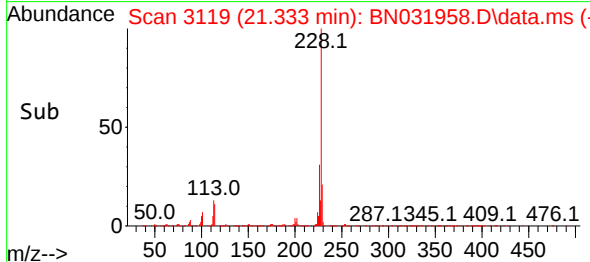
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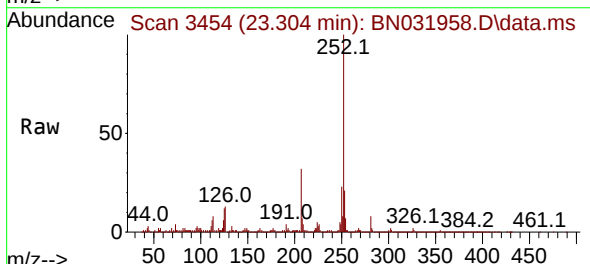
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Ion Ratio Lower Upper
228 100
226 30.9 23.7 35.5
229 21.4 15.1 22.7

Manual Integrations
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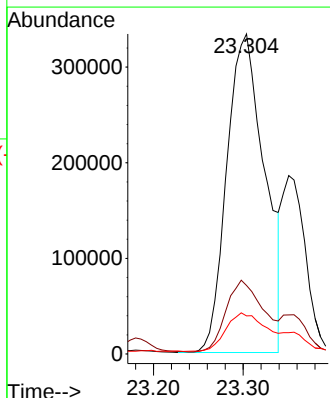
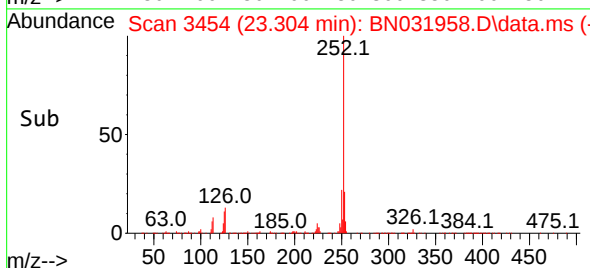
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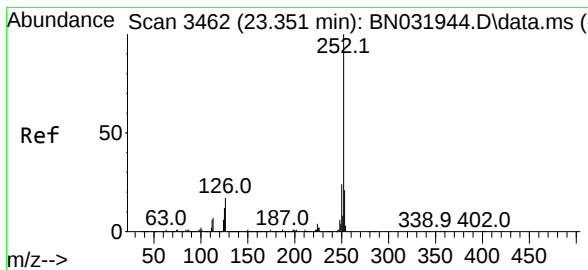


#90
Benzo(b)fluoranthene
Concen: 10.679 ng/u1
RT: 23.304 min Scan# 3454
Delta R.T. 0.012 min
Lab File: BN031958.D
Acq: 13 Jun 2024 01:52



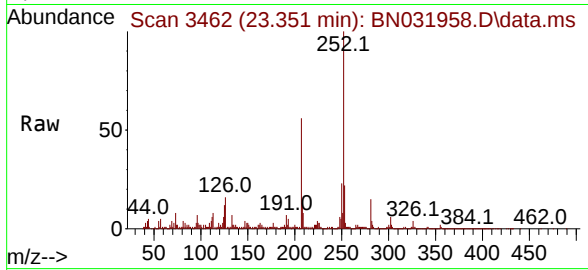
Tgt Ion:252 Resp: 979553
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.9 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 3.637 ng/uI
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031958.D
Acq: 13 Jun 2024 01:52

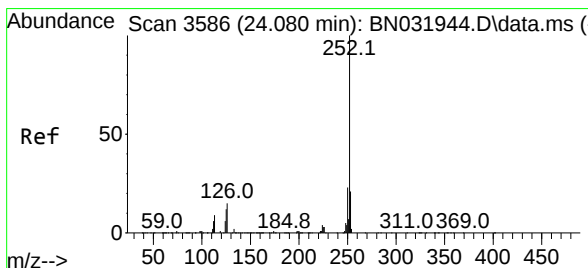
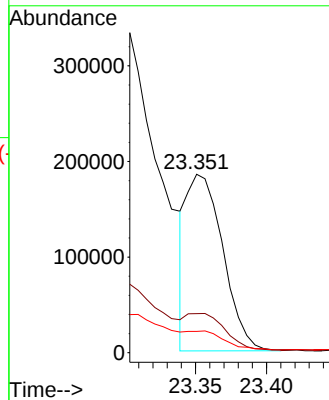
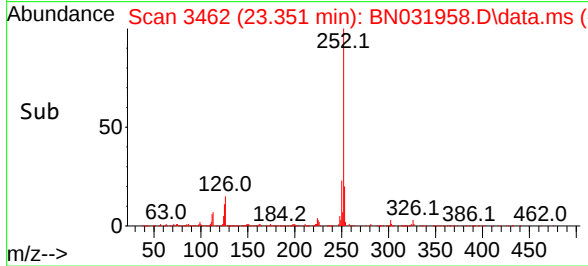
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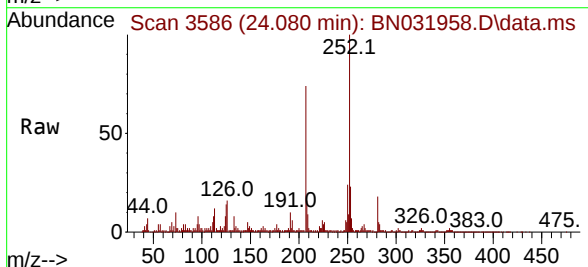
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Ion Ratio Lower Upper
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253 21.9 17.6 26.4
125 12.0 9.4 14.2

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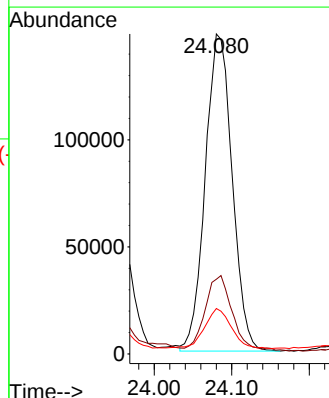
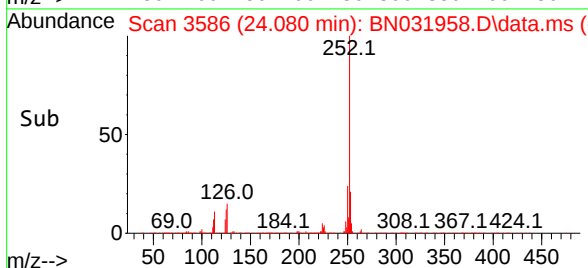
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

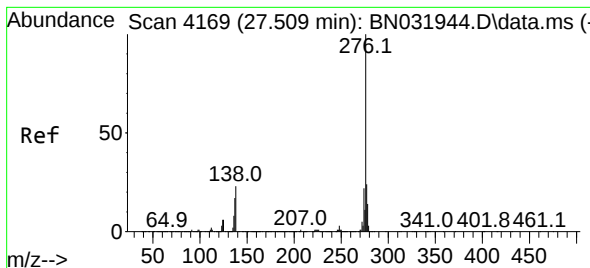


#93
Benzo(a)pyrene
Concen: 4.169 ng/uI
RT: 24.080 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN031958.D
Acq: 13 Jun 2024 01:52



Tgt Ion:252 Resp: 358174
Ion Ratio Lower Upper
252 100
253 23.4 16.6 24.8
125 14.2 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.384 ng/ul

RT: 27.521 min Scan# 4171

Delta R.T. 0.006 min

Lab File: BN031958.D

Acq: 13 Jun 2024 01:52

Instrument :

BNA_N

ClientSampleId :

BH673

Tgt Ion:276 Resp: 335010

Ion Ratio Lower Upper

276 100

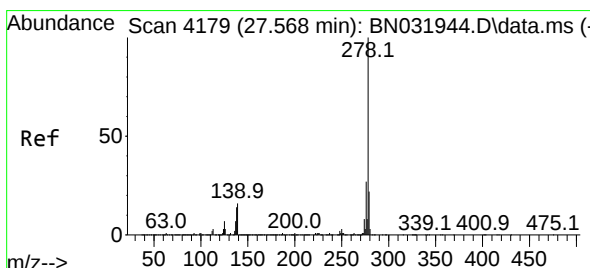
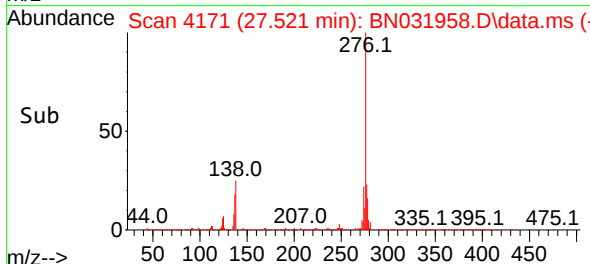
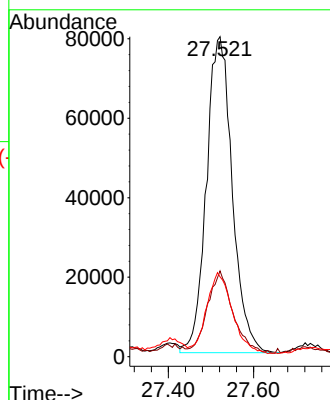
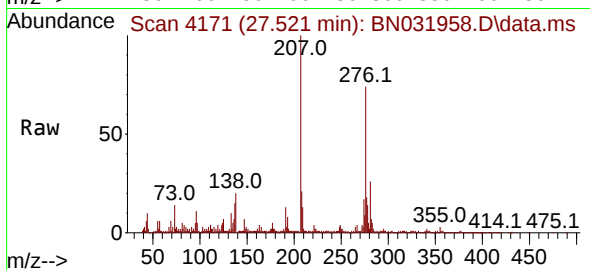
138 26.8 18.1 27.1

277 24.9 18.2 27.2

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.592 ng/ul m

RT: 27.551 min Scan# 4176

Delta R.T. -0.029 min

Lab File: BN031958.D

Acq: 13 Jun 2024 01:52

Tgt Ion:278 Resp: 128667

Ion Ratio Lower Upper

278 100

139 23.2 15.0 22.6#

279 29.0 17.4 26.0#

